

Appendix 1. Details of the GWAS included in the MR

Trait	Participants	Ancestry	Dataset source	Web source
Gut microbiota	7,738	European	DMP	Nat Genet. 2022;54(2):143-151. doi:10.1038/s41588-021-00992-y
IBD	59,957	European	IIBDGC; UK10K Consortium; Understanding Society Project	Nat Genet. 2017;49(2):256-261. doi:10.1038/ng.3760
serum metabolites	8,299	European	Canadian Longitudinal Study on Aging	Nat Genet. 2023;55(1):44-53. doi:10.1038/s41588-022-01270-1

Appendix 2

	id.exposure	chr.exposure	pos.exposure	beta.exposure	se.exposure	pval.exposure	samplesize.exposure	SNP	effect_all ele.exposure	other_allele.exposure	eaf.exposure	mr_keep.exposure	pval_orig in.exposure	data_source.exposure	F
1	ebi-a-GC ST90027 651	2	1010 5414 9	0.082 1966	0.01 8032 2	5.16E -06	7738	rs485 1317	G	T	0.693 881	TRUE	reported	igd	20.77 8312 62
2	ebi-a-GC ST90027 651	2	1366 1675 4	-0.139 995	0.01 9101 7	2.32E -13	7738	rs182 549	T	C	0.756 083	TRUE	reported	igd	53.71 3197 92
3	ebi-a-GC ST90027 651	3	6301 2872	-0.150 306	0.03 2679 9	4.24E -06	7738	rs744 5240 6	T	C	0.072 7759	TRUE	reported	igd	21.15 3936 52
4	ebi-a-GC ST90027 651	4	1651 3038 0	0.072 5885	0.01 6133 9	6.82E -06	7738	rs623 4798 3	G	C	0.489 964	TRUE	reported	igd	20.24 2163 22
5	ebi-a-GC ST90027 651	4	1408 0268 9	-0.119 776	0.02 6925 3	8.65E -06	7738	rs795 981	T	C	0.119 956	TRUE	reported	igd	19.78 8756 71
6	ebi-a-GC ST90027 651	5	7962 8446	0.089 4189	0.01 9194 9	3.19E -06	7738	rs353 4439 0	T	C	0.236 588	TRUE	reported	igd	21.70 1359 34
7	ebi-a-GC ST90027 651	5	5541 0143	-0.103 544	0.02 3416	9.78E -06	7738	rs318 801	A	G	0.176 296	TRUE	reported	igd	19.55 3497 83

8	ebi-a-GC ST90027 651	6	9289 9617	-0.084 3355	0.01 6522 8	3.32E -07	7738	rs219 7344	C	G	0.616 961	TRUE	reported	igd	26.05 2749 05
9	ebi-a-GC ST90027 651	12	1196 6390 6	-0.125 022	0.02 3519 1	1.06E -07	7738	rs619 3948 6	C	T	0.149 904	TRUE	reported	igd	28.25 7353 64
10	ebi-a-GC ST90027 651	15	2403 8174	0.104 151	0.02 0510 3	3.81E -07	7738	rs926 010	A	C	0.765 59	TRUE	reported	igd	25.78 5933 77
11	ebi-a-GC ST90027 651	18	7521 9184	-0.087 128	0.01 9061 6	4.86E -06	7738	rs129 5536 5	G	T	0.394 177	TRUE	reported	igd	20.89 2806 71
12	ebi-a-GC ST90027 651	20	1749 6742	0.079 9424	0.01 6899 8	2.24E -06	7738	rs604 4857	G	A	0.389 459	TRUE	reported	igd	22.37 6452 44
13	ebi-a-GC ST90027 652	1	2422 2334 3	0.080 8326	0.01 7467 3	3.70E -06	7738	rs101 5893 9	A	G	0.375 746	TRUE	reported	igd	21.41 5170 57
14	ebi-a-GC ST90027 652	1	6044 8209	0.129 912	0.02 8840 3	6.65E -06	7738	rs280 7619	T	C	0.089 1517	TRUE	reported	igd	20.29 0791 6
15	ebi-a-GC ST90027 652	2	6786 8756	-0.098 6975	0.01 9897 6	7.04E -07	7738	rs102 3692	C	T	0.771 301	TRUE	reported	igd	24.60 4294 25
16	ebi-a-GC	3	1501	0.086	0.01	5.40E	7738	rs984	T	C	0.240	TRUE	reported	igd	20.69

	ST90027 652		9767 6	7737	9076 8	-06		3097			726				0223 35
17	ebi-a-GC ST90027 652	4	1771 7575 2	-0.085 223	0.01 8601 6	4.62E -06	7738	rs260 3095	T	G	0.743 202	TRUE	reported	igd	20.99 0028 76
18	ebi-a-GC ST90027 652	7	4350 3949	0.099 5528	0.02 1881 7	5.37E -06	7738	rs730 9873 2	A	G	0.170 003	TRUE	reported	igd	20.69 8784 34
19	ebi-a-GC ST90027 652	9	3484 2242	0.164 596	0.03 1108 2	1.22E -07	7738	rs132 8336 3	G	A	0.086 3951	TRUE	reported	igd	27.99 5536 12
20	ebi-a-GC ST90027 652	10	9526 946	0.147 428	0.02 8436 8	2.17E -07	7738	rs749 4922 9	A	G	0.093 8822	TRUE	reported	igd	26.87 8096
21	ebi-a-GC ST90027 652	11	4745 154	0.083 9484	0.01 7550 8	1.73E -06	7738	rs108 3653 2	T	G	0.351 076	TRUE	reported	igd	22.87 8682 53
22	ebi-a-GC ST90027 652	15	8768 9365	0.176 942	0.03 9232 3	6.48E -06	7738	rs285 3885 7	T	C	0.053 0423	TRUE	reported	igd	20.34 1094 84
23	ebi-a-GC ST90027 652	17	7249 870	-0.101 748	0.02 1845 7	3.20E -06	7738	rs116 5740 6	T	G	0.166 085	TRUE	reported	igd	21.69 3010 77
24	ebi-a-GC ST90027	17	7249 8434	-0.083 4026	0.01 8858	9.76E -06	7738	rs783 253	C	T	0.721 46	TRUE	reported	igd	19.55 8713

	652				6										32
25	ebi-a-GC ST90027 652	18	6874 7115	-0.171 794	0.03 6475	2.48E -06	7738	rs269 8177	G	A	0.945 889	TRUE	reported	igd	22.18 3260 67
26	ebi-a-GC ST90027 653	1	1753 8169 9	-0.232 258	0.05 1130 1	5.56E -06	7738	rs750 0585 5	A	T	0.054 6038	TRUE	reported	igd	20.63 4221 1
27	ebi-a-GC ST90027 653	1	1676 1962	0.148 588	0.03 3374 5	8.50E -06	7738	rs120 6441 8	T	C	0.162 888	TRUE	reported	igd	19.82 1564 87
28	ebi-a-GC ST90027 653	2	1195 4138 1	-0.149 789	0.03 3736 7	9.00E -06	7738	rs116 9444 1	A	C	0.125 998	TRUE	reported	igd	19.71 3087 26
29	ebi-a-GC ST90027 653	3	1183 5085 8	-0.146 265	0.03 2216 6	5.62E -06	7738	rs767 5236 5	C	G	0.136 027	TRUE	reported	igd	20.61 2061 1
30	ebi-a-GC ST90027 653	5	1419 4912 3	-0.140 837	0.02 9648 2	2.03E -06	7738	rs117 4490 0	G	A	0.174 459	TRUE	reported	igd	22.56 5079 49
31	ebi-a-GC ST90027 653	6	9744 2712	-0.167 094	0.03 5995 6	3.45E -06	7738	rs120 6113	T	C	0.108 426	TRUE	reported	igd	21.54 8789 41
32	ebi-a-GC ST90027 653	8	5416 476	-0.220 634	0.04 9947 4	9.99E -06	7738	rs745 2030 2	G	A	0.053 0404	TRUE	reported	igd	19.51 2778 07

33	ebi-a-GC ST90027 653	9	9638 7675	-0.098 3934	0.02 2091 2	8.43E -06	7738	rs107 6124 5	T	C	0.494 124	TRUE	reported	igd	19.83 7791 48
34	ebi-a-GC ST90027 653	10	7999 0400	0.099 7535	0.02 2417 3	8.59E -06	7738	rs124 9137	T	C	0.375 257	TRUE	reported	igd	19.80 1116 43
35	ebi-a-GC ST90027 653	10	1266 1138 7	0.163 245	0.03 6351	7.10E -06	7738	rs776 5590 5	A	G	0.104 456	TRUE	reported	igd	20.16 7267 15
36	ebi-a-GC ST90027 653	14	8063 4365	0.104 822	0.02 3303 2	6.85E -06	7738	rs490 3903	C	T	0.337 698	TRUE	reported	igd	20.23 3627 88
37	ebi-a-GC ST90027 653	16	7355 1996	-0.106 378	0.02 2373 5	1.99E -06	7738	rs140 0577	G	A	0.600 237	TRUE	reported	igd	22.60 6627 86
38	ebi-a-GC ST90027 653	19	1529 7576	0.134 179	0.02 8494 8	2.49E -06	7738	rs724 5563	T	C	0.180 709	TRUE	reported	igd	22.17 3685 1
39	ebi-a-GC ST90027 653	21	4301 8030	-0.123 996	0.02 4016 4	2.43E -07	7738	rs389 2326	C	T	0.479 803	TRUE	reported	igd	26.65 6279 55
40	ebi-a-GC ST90027 654	2	6786 8756	0.099 6966	0.01 9763 2	4.55E -07	7738	rs102 3692	C	T	0.771 282	TRUE	reported	igd	25.44 7560 99
41	ebi-a-GC	7	1389	0.161	0.03	5.22E	7738	rs779	A	G	0.054	TRUE	reported	igd	20.75

	ST90027 654		6625 4	442	5436 7	-06		4348			8254				5180 49
42	ebi-a-GC ST90027 654	8	6088 0658	0.073 8134	0.01 6499 3	7.69E -06	7738	rs601 224	C	A	0.387 117	TRUE	reported	igd	20.01 4252 85
43	ebi-a-GC ST90027 654	8	1175 0592 8	0.075 4169	0.01 6552 2	5.21E -06	7738	rs126 7537 9	C	T	0.515 953	TRUE	reported	igd	20.75 9930 88
44	ebi-a-GC ST90027 654	10	1268 6065 7	0.174 315	0.03 8041 7	4.60E -06	7738	rs345 6609 8	G	A	0.053 8268	TRUE	reported	igd	20.99 6634 47
45	ebi-a-GC ST90027 654	10	9526 946	-0.140 267	0.02 8244 7	6.83E -07	7738	rs749 4922 9	A	G	0.093 8701	TRUE	reported	igd	24.66 2499 22
46	ebi-a-GC ST90027 654	11	1944 7547	-0.076 1699	0.01 6913 7	6.69E -06	7738	rs107 6655 7	C	G	0.346 886	TRUE	reported	igd	20.28 1007 44
47	ebi-a-GC ST90027 655	3	3766 7096	-0.174 426	0.03 9243 4	8.80E -06	7738	rs786 8512 5	T	C	0.066 9123	TRUE	reported	igd	19.75 5552 9
48	ebi-a-GC ST90027 655	5	1880 588	-0.101 686	0.02 3014 2	9.94E -06	7738	rs497 5752	G	T	0.230 866	TRUE	reported	igd	19.52 2281 11
49	ebi-a-GC ST90027	8	9415 8704	0.100 522	0.02 1337	2.47E -06	7738	rs733 330	G	A	0.337 04	TRUE	reported	igd	22.19 3563

	655				7										08
50	ebi-a-GC ST90027 655	12	2426 8068	-0.183 637	0.04 1519	9.74E -06	7738	rs752 9832 6	T	A	0.059 2882	TRUE	reported	igd	19.56 2601 53
51	ebi-a-GC ST90027 655	17	3600 2599	0.115 982	0.02 5306	4.58E -06	7738	rs116 5255 9	C	T	0.807 699	TRUE	reported	igd	21.00 5555 91
52	ebi-a-GC ST90027 655	19	7756 26	0.146 4	0.03 3070 1	9.56E -06	7738	rs621 3132 7	C	T	0.104 702	TRUE	reported	igd	19.59 7972 19
53	ebi-a-GC ST90027 655	19	2846 1212	-0.210 42	0.04 3945 5	1.68E -06	7738	rs730 3792 9	T	G	0.053 9829	TRUE	reported	igd	22.92 6893 43
54	ebi-a-GC ST90027 655	20	4387 3729	0.153 268	0.03 3286 1	4.13E -06	7738	rs731 1474 6	T	C	0.099 634	TRUE	reported	igd	21.20 2015 78
55	ebi-a-GC ST90027 656	2	1245 7277 6	-0.128 33	0.02 6495 6	1.28E -06	7738	rs124 7214 7	G	A	0.855 652	TRUE	reported	igd	23.45 8966 29
56	ebi-a-GC ST90027 656	7	1058 1252 5	-0.153 345	0.03 3766 3	5.59E -06	7738	rs176 564	G	A	0.910 342	TRUE	reported	igd	20.62 3971 05
57	ebi-a-GC ST90027 656	10	3387 104	-0.091 3671	0.02 0474 4	8.10E -06	7738	rs107 3697 0	C	T	0.741 775	TRUE	reported	igd	19.91 3945 48

58	ebi-a-GC ST90027 656	11	6931 7280	0.153 283	0.03 2839 3	3.05E -06	7738	rs787 9132 1	A	G	0.080 9067	TRUE	reported	igd	21.78 7138 84
59	ebi-a-GC ST90027 656	12	9161 1380	0.197 357	0.04 2365 3	3.19E -06	7738	rs777 6420 6	C	T	0.050 4393	TRUE	reported	igd	21.70 1237 38
60	ebi-a-GC ST90027 656	14	1035 8851 5	-0.102 233	0.01 8633 4	4.10E -08	7738	rs228 2037	T	C	0.521 969	TRUE	reported	igd	30.10 2183 34
61	ebi-a-GC ST90027 656	19	7892 087	-0.093 5377	0.02 0369 3	4.39E -06	7738	rs129 7965 8	G	A	0.263 676	TRUE	reported	igd	21.08 7309 13
62	ebi-a-GC ST90027 657	1	2406 4759 3	-0.088 8565	0.02 0047 6	9.32E -06	7738	rs942 8844	C	T	0.656 533	TRUE	reported	igd	19.64 5072 16
63	ebi-a-GC ST90027 657	1	2118 0388 1	0.079 1571	0.01 6434 2	1.46E -06	7738	rs127 3449 4	A	G	0.488 92	TRUE	reported	igd	23.19 9713 1
64	ebi-a-GC ST90027 657	3	1169 9081 6	0.077 8951	0.01 7626 3	9.90E -06	7738	rs130 7136 2	G	A	0.302 458	TRUE	reported	igd	19.52 9807 53
65	ebi-a-GC ST90027 657	4	1829 0488 5	0.096 6813	0.02 1545 4	7.21E -06	7738	rs623 5195 9	T	C	0.197 615	TRUE	reported	igd	20.13 6122 29
66	ebi-a-GC	4	1847	0.145	0.03	8.15E	7738	rs126	G	A	0.065	TRUE	reported	igd	19.90

	ST90027 657		2094 7	028	2508	-06		4653 7			3836				3214 05
67	ebi-a-GC ST90027 657	13	2365 6934	-0.152 927	0.03 3767 8	5.93E -06	7738	rs590 3385 2	C	T	0.064 9189	TRUE	reported	igd	20.50 9865 11
68	ebi-a-GC ST90027 657	14	7848 5536	0.130 889	0.02 9256 6	7.68E -06	7738	rs780 2642 5	G	C	0.085 1163	TRUE	reported	igd	20.01 5138 12
69	ebi-a-GC ST90027 657	14	3305 3536	-0.118 337	0.02 4490 9	1.35E -06	7738	rs116 2641 6	A	G	0.125 363	TRUE	reported	igd	23.34 7028 86
70	ebi-a-GC ST90027 657	16	6246 5518	-0.081 6209	0.01 684	1.25E -06	7738	rs967 3456	G	T	0.419 921	TRUE	reported	igd	23.49 1923 84
71	ebi-a-GC ST90027 657	16	8610 6253	0.131 706	0.02 6505 9	6.73E -07	7738	rs740 3421 5	C	T	0.111 825	TRUE	reported	igd	24.69 0279 71
72	ebi-a-GC ST90027 657	16	8537 4721	0.124 831	0.02 6127 6	1.77E -06	7738	rs795 9802 8	T	C	0.119 662	TRUE	reported	igd	22.82 6843 53
73	ebi-a-GC ST90027 657	21	3537 0488	-0.077 4478	0.01 6153 5	1.63E -06	7738	rs283 4333	A	C	0.537 174	TRUE	reported	igd	22.98 7137 79
74	ebi-a-GC ST90027	22	4687 1094	-0.084 4048	0.01 8688	6.29E -06	7738	rs713 716	A	G	0.252 325	TRUE	reported	igd	20.39 8333

	657				3										88
75	ebi-a-GC ST90027 658	1	1383 9382	0.083 9398	0.01 8587 2	6.30E -06	7738	rs299 0682	G	C	0.304 642	TRUE	reported	igd	20.39 4258 33
76	ebi-a-GC ST90027 658	2	1509 4817 8	-0.127 535	0.02 8726 7	9.01E -06	7738	rs739 6673 8	C	G	0.102 434	TRUE	reported	igd	19.71 0030 44
77	ebi-a-GC ST90027 658	8	1308 3611 8	-0.082 1264	0.01 7509 3	2.73E -06	7738	rs100 8705 6	A	C	0.385 711	TRUE	reported	igd	22.00 0269 67
78	ebi-a-GC ST90027 658	11	1247 1870 7	0.095 3742	0.01 9663 7	1.23E -06	7738	rs112 1980 5	C	T	0.264 005	TRUE	reported	igd	23.52 5092 34
79	ebi-a-GC ST90027 658	19	2048 4610	-0.152 483	0.03 3986 2	7.24E -06	7738	rs735 3955 4	T	C	0.086 1849	TRUE	reported	igd	20.12 9715 55
80	ebi-a-GC ST90027 658	20	4803 3171	-0.085 1995	0.01 8658	4.96E -06	7738	rs237 461	C	T	0.290 792	TRUE	reported	igd	20.85 1817 47
81	ebi-a-GC ST90027 659	1	1775 4101 0	0.119 809	0.02 5169 8	1.94E -06	7738	rs127 2630 7	T	G	0.145 928	TRUE	reported	igd	22.65 7884 43
82	ebi-a-GC ST90027 659	6	9062 6584	0.109 603	0.02 3094 7	2.08E -06	7738	rs292 226	A	G	0.187 608	TRUE	reported	igd	22.52 2688 63

83	ebi-a-GC ST90027 659	9	1812 7674	-0.127 998	0.02 8463 5	6.89E -06	7738	rs801 1368 6	C	G	0.117 738	TRUE	reported	igd	20.22 2263 44
84	ebi-a-GC ST90027 659	10	1354 1744 0	-0.197 134	0.03 7620 4	1.61E -07	7738	rs117 0761 07	A	G	0.060 8167	TRUE	reported	igd	27.45 8464 7
85	ebi-a-GC ST90027 660	2	3805 0232	-0.090 1928	0.02 0143 4	7.55E -06	7738	rs467 0221	G	C	0.308 248	TRUE	reported	igd	20.04 8329 23
86	ebi-a-GC ST90027 660	2	1672 0355	0.090 8998	0.01 9938 5	5.14E -06	7738	rs127 1073 1	T	C	0.290 693	TRUE	reported	igd	20.78 4562 63
87	ebi-a-GC ST90027 660	4	1512 9508 5	0.092 8282	0.02 072	7.46E -06	7738	rs682 3767	C	T	0.261 341	TRUE	reported	igd	20.07 1524 34
88	ebi-a-GC ST90027 660	5	2499 0890	0.190 994	0.03 9289	1.17E -06	7738	rs680 5831 3	T	C	0.064 1869	TRUE	reported	igd	23.63 1837 86
89	ebi-a-GC ST90027 660	5	1188 3600 4	0.106 841	0.02 3637 4	6.18E -06	7738	rs129 8928	G	T	0.182 956	TRUE	reported	igd	20.43 0381 64
90	ebi-a-GC ST90027 660	6	2009 7305	-0.124 43	0.02 5993 9	1.69E -06	7738	rs936 8149	G	A	0.172 487	TRUE	reported	igd	22.91 4337 98
91	ebi-a-GC	6	3770	0.108	0.02	3.42E	7738	rs361	T	A	0.197	TRUE	reported	igd	21.56

	ST90027 660		7962	908	3452 4	-06		1930 6			307				4777 41
92	ebi-a-GC ST90027 660	10	2005 604	0.088 3668	0.01 9934 5	9.30E -06	7738	rs791 2369	G	A	0.702 824	TRUE	reported	igd	19.65 0226 58
93	ebi-a-GC ST90027 660	11	6757 7945	-0.085 2513	0.01 8956	6.88E -06	7738	rs748 2174	G	A	0.586 38	TRUE	reported	igd	20.22 5935 62
94	ebi-a-GC ST90027 660	12	6540 5314	-0.089 4444	0.01 9078 2	2.75E -06	7738	rs166 570	G	C	0.636 465	TRUE	reported	igd	21.98 0193 72
95	ebi-a-GC ST90027 660	12	1150 8526 7	-0.105 935	0.02 0255 9	1.70E -07	7738	rs559 2613 1	T	C	0.611 517	TRUE	reported	igd	27.35 1166 5
96	ebi-a-GC ST90027 660	15	3781 6202	0.109 956	0.02 2903 5	1.58E -06	7738	rs358 9564 2	T	C	0.198 579	TRUE	reported	igd	23.04 8048 38
97	ebi-a-GC ST90027 660	16	1008 2174	-0.099 9825	0.02 2310 2	7.41E -06	7738	rs153 2932	G	A	0.786 723	TRUE	reported	igd	20.08 3576 58
98	ebi-a-GC ST90027 660	17	4786 0915	0.127 245	0.02 4443 8	1.93E -07	7738	rs790 4157 9	A	G	0.182 9	TRUE	reported	igd	27.09 8422 44
99	ebi-a-GC ST90027	19	2272 309	0.109 566	0.02 4181	5.87E -06	7738	rs252 3176	T	C	0.204 089	TRUE	reported	igd	20.52 9650

	660				6										11
100	ebi-a-GC ST90027 661	1	9501 1698	0.247 127	0.05 2942 9	3.04E -06	7738	rs616 801	A	G	0.119 849	TRUE	reported	igd	21.78 8380 01
101	ebi-a-GC ST90027 661	2	1299 1546 7	-0.259 548	0.05 3895 5	1.47E -06	7738	rs170 4917 7	A	G	0.110 945	TRUE	reported	igd	23.19 1581 36
102	ebi-a-GC ST90027 661	3	1248 1203	-0.173 535	0.03 7623 1	3.98E -06	7738	rs709 159	A	C	0.759 341	TRUE	reported	igd	21.27 4776 51
103	ebi-a-GC ST90027 661	6	3240 2778	-0.186 289	0.04 0412 2	4.03E -06	7738	rs926 8614	G	T	0.200 868	TRUE	reported	igd	21.24 9535 23
104	ebi-a-GC ST90027 661	9	1407 6779 2	-0.324 559	0.07 3135 2	9.09E -06	7738	rs800 1043 5	A	G	0.053 3435	TRUE	reported	igd	19.69 4021 44
105	ebi-a-GC ST90027 661	12	2834 412	0.165 585	0.03 3977 5	1.10E -06	7738	rs888 195	C	G	0.331 862	TRUE	reported	igd	23.74 9755 47
106	ebi-a-GC ST90027 662	1	6131 9955	-0.077 2188	0.01 7204 8	7.18E -06	7738	rs154 6579	T	C	0.405 264	TRUE	reported	igd	20.14 4052 27
107	ebi-a-GC ST90027 662	2	1366 1675 4	-0.153 302	0.01 9636 4	5.86E -15	7738	rs182 549	T	C	0.755 025	TRUE	reported	igd	60.94 9746 13

108	ebi-a-GC ST90027 662	2	1010 5414 9	0.086 0839	0.01 8635 6	3.85E -06	7738	rs485 1317	G	T	0.694 654	TRUE	reported	igd	21.33 8166 94
109	ebi-a-GC ST90027 662	3	6301 2872	-0.176 051	0.03 3952 8	2.16E -07	7738	rs744 5240 6	T	C	0.072 3787	TRUE	reported	igd	26.88 5975 72
110	ebi-a-GC ST90027 662	4	6260 0906	0.078 3377	0.01 7425 1	6.94E -06	7738	rs117 3208 1	T	C	0.364 727	TRUE	reported	igd	20.21 1152 3
111	ebi-a-GC ST90027 662	4	7754 1509	0.122 758	0.02 6301 4	3.05E -06	7738	rs485 9454	T	C	0.114 125	TRUE	reported	igd	21.78 4213 06
112	ebi-a-GC ST90027 662	4	1683 4470 8	-0.125 353	0.02 7537	5.31E -06	7738	rs447 2164	G	A	0.103 173	TRUE	reported	igd	20.72 2216 9
113	ebi-a-GC ST90027 662	5	7964 3369	0.078 5084	0.01 6738 9	2.73E -06	7738	rs126 5717 0	C	T	0.464 18	TRUE	reported	igd	21.99 7758 17
114	ebi-a-GC ST90027 662	6	9288 3361	-0.076 9154	0.01 6727 2	4.26E -06	7738	rs104 5553 2	G	A	0.552 534	TRUE	reported	igd	21.14 3657 09
115	ebi-a-GC ST90027 662	8	7444 6780	0.095 7041	0.02 1547 6	8.93E -06	7738	rs774 3210 8	T	A	0.183 749	TRUE	reported	igd	19.72 7101 41
116	ebi-a-GC	12	1196	-0.110	0.02	5.44E	7738	rs619	C	T	0.148	TRUE	reported	igd	20.67

	ST90027 662		6390 6	859	4379 3	-06		3948 6			052				7567 64
117	ebi-a-GC ST90027 662	15	2402 5547	0.090 9746	0.02 0102 7	6.03E -06	7738	rs108 7364 0	T	C	0.759 057	TRUE	reported	igd	20.48 0074 23
118	ebi-a-GC ST90027 662	19	5525 79	-0.086 9075	0.01 9438 9	7.79E -06	7738	rs348 2301 3	G	T	0.661 291	TRUE	reported	igd	19.98 8082 94
119	ebi-a-GC ST90027 663	2	1405 0577 3	-0.160 702	0.03 5310 1	5.34E -06	7738	rs775 0222 8	T	A	0.057 5034	TRUE	reported	igd	20.71 3079 33
120	ebi-a-GC ST90027 663	3	1947 3190 9	0.118 163	0.02 4253 2	1.10E -06	7738	rs423 4207	G	A	0.868 77	TRUE	reported	igd	23.73 6950 33
121	ebi-a-GC ST90027 663	3	6801 0971	-0.081 9916	0.01 7878	4.51E -06	7738	rs288 0658 4	C	G	0.696 357	TRUE	reported	igd	21.03 2982 33
122	ebi-a-GC ST90027 663	3	8775 223	0.083 4386	0.01 8669 4	7.85E -06	7738	rs679 3441	A	C	0.323 931	TRUE	reported	igd	19.97 4379 44
123	ebi-a-GC ST90027 663	7	1537 8074 9	0.082 4981	0.01 7573 5	2.67E -06	7738	rs290 7732	A	C	0.606 662	TRUE	reported	igd	22.03 7958 53
124	ebi-a-GC ST90027	8	1069 4484	0.123 068	0.02 6639	3.84E -06	7738	rs783 6237	G	C	0.105 462	TRUE	reported	igd	21.34 2789

	663		9		1			6							91
125	ebi-a-GC ST90027 663	8	1284 5569 4	-0.099 5338	0.02 2165 2	7.10E -06	7738	rs783 1606	A	T	0.163 846	TRUE	reported	igd	20.16 4983 04
126	ebi-a-GC ST90027 663	9	1361 4659 7	0.110 172	0.01 8575 9	3.01E -09	7738	rs550 057	T	C	0.250 228	TRUE	reported	igd	35.17 5699 13
127	ebi-a-GC ST90027 663	17	6458 4932	0.091 2383	0.01 9915 3	4.62E -06	7738	rs116 5205 8	A	G	0.217 003	TRUE	reported	igd	20.98 8464 33
128	ebi-a-GC ST90027 663	21	4320 8598	0.122 785	0.02 6975 3	5.32E -06	7738	rs284 9714	C	T	0.107 02	TRUE	reported	igd	20.71 8488 21
129	ebi-a-GC ST90027 664	1	1148 9707 6	-0.110 567	0.02 4218	4.98E -06	7738	rs742 682	C	A	0.132 617	TRUE	reported	igd	20.84 3685 06
130	ebi-a-GC ST90027 664	1	1146 4802 0	0.085 0792	0.01 9088 2	8.30E -06	7738	rs277 4282	C	T	0.760 57	TRUE	reported	igd	19.86 6293 24
131	ebi-a-GC ST90027 664	2	1229 7214 0	0.114 905	0.02 3895 7	1.52E -06	7738	rs284 1431 6	C	T	0.140 049	TRUE	reported	igd	23.12 2689 09
132	ebi-a-GC ST90027 664	5	8303 3300	-0.117 516	0.02 5764	5.08E -06	7738	rs623 6557 7	C	G	0.123 856	TRUE	reported	igd	20.80 4985 63

133	ebi-a-GC ST90027 664	7	5362 944	-0.082 9141	0.01 8117 9	4.73E -06	7738	rs561 7800 1	C	G	0.707 901	TRUE	reported	igd	20.94 3104 78
134	ebi-a-GC ST90027 664	7	2725 5650	0.165 403	0.03 6664 6	6.45E -06	7738	rs803 0675 8	C	A	0.061 056	TRUE	reported	igd	20.35 1333 07
135	ebi-a-GC ST90027 664	7	7094 69	-0.126 161	0.02 691	2.76E -06	7738	rs730 4609 9	A	G	0.110 042	TRUE	reported	igd	21.97 9755 14
136	ebi-a-GC ST90027 664	8	6269 7207	0.077 2061	0.01 7276 4	7.86E -06	7738	rs427 8144	C	A	0.351 387	TRUE	reported	igd	19.97 0858 23
137	ebi-a-GC ST90027 664	9	1159 2631 7	-0.113 956	0.02 5340 2	6.89E -06	7738	rs257 1	T	G	0.125 637	TRUE	reported	igd	20.22 3406 74
138	ebi-a-GC ST90027 664	9	1108 8298 0	-0.080 6635	0.01 7123 9	2.47E -06	7738	rs680 138	T	C	0.617 925	TRUE	reported	igd	22.18 9563 46
139	ebi-a-GC ST90027 664	11	1162 7351 1	-0.079 0142	0.01 7044 9	3.56E -06	7738	rs505 128	C	T	0.353 603	TRUE	reported	igd	21.48 9255 99
140	ebi-a-GC ST90027 664	12	2093 4000	0.113 087	0.02 4949 9	5.83E -06	7738	rs714 4672 3	A	G	0.124 427	TRUE	reported	igd	20.54 4129 68
141	ebi-a-GC	12	1097	-0.100	0.02	5.12E	7738	rs615	A	G	0.171	TRUE	reported	igd	20.79

	ST90027 664		0915 7	197	1974 6	-06		1072 9			943				0621 89
142	ebi-a-GC ST90027 664	13	6533 3539	-0.174 688	0.03 9027	7.60E -06	7738	rs956 4193	G	A	0.050 8343	TRUE	reported	igd	20.03 5298 09
143	ebi-a-GC ST90027 665	2	2008 8106 7	0.082 8995	0.01 8014 6	4.19E -06	7738	rs310 6091	C	T	0.680 953	TRUE	reported	igd	21.17 6519 16
144	ebi-a-GC ST90027 665	2	2289 1219 4	0.074 1667	0.01 6780 6	9.88E -06	7738	rs429 4998	C	A	0.505 929	TRUE	reported	igd	19.53 4528 86
145	ebi-a-GC ST90027 665	2	1375 3690 4	-0.081 9963	0.01 6690 2	8.98E -07	7738	rs246 5095	G	A	0.417 237	TRUE	reported	igd	24.13 6007 36
146	ebi-a-GC ST90027 665	4	2706 103	0.074 9093	0.01 6886 1	9.16E -06	7738	rs557 1204 2	G	A	0.536 767	TRUE	reported	igd	19.67 9441 26
147	ebi-a-GC ST90027 665	7	3613 4000	0.131 086	0.02 9611 7	9.56E -06	7738	rs270 0958	A	G	0.091 2533	TRUE	reported	igd	19.59 6835 24
148	ebi-a-GC ST90027 665	16	7366 0160	0.086 6379	0.01 7838 4	1.19E -06	7738	rs124 4908 0	G	C	0.664 356	TRUE	reported	igd	23.58 8701 66
149	ebi-a-GC ST90027	17	6567 9135	-0.165 436	0.03 7007	7.81E -06	7738	rs126 0262	C	G	0.058 124	TRUE	reported	igd	19.98 3805

	665				6			5							73
150	ebi-a-GC ST90027 665	17	3615 6378	-0.097 9307	0.02 1562 9	5.58E -06	7738	rs200 8778	A	C	0.219 845	TRUE	reported	igd	20.62 6397 36
151	ebi-a-GC ST90027 665	19	4690 8968	0.090 9857	0.02 0409 6	8.27E -06	7738	rs354 4551 8	C	A	0.769 202	TRUE	reported	igd	19.87 3634 34
152	ebi-a-GC ST90027 666	1	1536 0182 8	-0.186 507	0.04 1998 8	8.96E -06	7738	rs412 6517 9	T	G	0.051 3384	TRUE	reported	igd	19.72 0435 85
153	ebi-a-GC ST90027 666	2	4296 7871	-0.118 275	0.02 6025 7	5.51E -06	7738	rs101 6623 6	A	G	0.125 028	TRUE	reported	igd	20.65 2901 55
154	ebi-a-GC ST90027 666	3	5766 901	0.076 1138	0.01 6889 7	6.59E -06	7738	rs145 2703	A	G	0.375 274	TRUE	reported	igd	20.30 8738 07
155	ebi-a-GC ST90027 666	3	4285 2207	0.086 9101	0.01 9295 3	6.66E -06	7738	rs130 7002 9	T	C	0.239 247	TRUE	reported	igd	20.28 7915 56
156	ebi-a-GC ST90027 666	5	3786 1581	-0.119 586	0.02 5941 3	4.03E -06	7738	rs136 3927	A	G	0.108 679	TRUE	reported	igd	21.25 0894 08
157	ebi-a-GC ST90027 666	7	2152 7320	-0.077 5436	0.01 7078 9	5.62E -06	7738	rs126 7397 5	A	G	0.640 623	TRUE	reported	igd	20.61 4467 82

158	ebi-a-GC ST90027 666	7	4125 0331	0.099 4314	0.02 1182 7	2.68E -06	7738	rs119 7951 3	A	G	0.178 196	TRUE	reported	igd	22.03 3550 11
159	ebi-a-GC ST90027 666	8	1035 3094 6	-0.076 0192	0.01 6539 1	4.30E -06	7738	rs969 4714	C	G	0.457 009	TRUE	reported	igd	21.12 6270 87
160	ebi-a-GC ST90027 666	9	2148 64	0.094 9108	0.02 1311 9	8.45E -06	7738	rs223 6547	T	C	0.182 002	TRUE	reported	igd	19.83 2932 27
161	ebi-a-GC ST90027 666	10	1742 8971	0.076 1617	0.01 6572 7	4.31E -06	7738	rs366 032	A	T	0.559 106	TRUE	reported	igd	21.11 9650 21
162	ebi-a-GC ST90027 666	11	8009 9803	0.095 8694	0.02 1574 6	8.85E -06	7738	rs244 8269	T	C	0.191 151	TRUE	reported	igd	19.74 5789 99
163	ebi-a-GC ST90027 666	11	1391 8589	0.108 593	0.02 3547 5	3.99E -06	7738	rs562 3820 6	A	G	0.144 547	TRUE	reported	igd	21.26 7382 95
164	ebi-a-GC ST90027 666	11	1178 1116 7	-0.073 3528	0.01 6486 4	8.62E -06	7738	rs386 3318	C	A	0.565 09	TRUE	reported	igd	19.79 6195 18
165	ebi-a-GC ST90027 666	13	7086 8010	0.074 7894	0.01 6533 8	6.08E -06	7738	rs954 2263	C	T	0.536 238	TRUE	reported	igd	20.46 1371 4
166	ebi-a-GC	18	7151	-0.072	0.01	9.91E	7738	rs124	A	G	0.496	TRUE	reported	igd	19.52

	ST90027 666		8679	6766	6446 3	-06		5636 4			351				7776 12
167	ebi-a-GC ST90027 666	21	4758 1835	0.128 026	0.02 7739 7	3.93E -06	7738	rs113 7106 53	T	C	0.095 2181	TRUE	reported	igd	21.30 0648 89
168	ebi-a-GC ST90027 666	21	2812 6167	-0.088 5771	0.01 9507	5.60E -06	7738	rs110 9499	G	C	0.253 967	TRUE	reported	igd	20.61 8731 68
169	ebi-a-GC ST90027 666	22	4876 2687	0.108 883	0.02 4049 1	5.97E -06	7738	rs576 7121	T	G	0.132 134	TRUE	reported	igd	20.49 8519 72
170	ebi-a-GC ST90027 667	2	5486 5527	-0.088 4672	0.01 7532 7	4.52E -07	7738	rs151 0611	T	G	0.594 367	TRUE	reported	igd	25.46 0501 9
171	ebi-a-GC ST90027 667	3	1686 4382 1	-0.194 918	0.04 3069	6.02E -06	7738	rs731 6397 1	T	C	0.051 5452	TRUE	reported	igd	20.48 2092 2
172	ebi-a-GC ST90027 667	5	5852 7391	-0.080 8769	0.01 7765 6	5.30E -06	7738	rs267 02	C	T	0.394 094	TRUE	reported	igd	20.72 4746 82
173	ebi-a-GC ST90027 667	5	2853 1872	-0.148 351	0.02 9785 3	6.34E -07	7738	rs113 3152 81	G	A	0.108 384	TRUE	reported	igd	24.80 7157 21
174	ebi-a-GC ST90027	8	4053 9356	0.144 042	0.02 9248	8.45E -07	7738	rs430 1441	G	T	0.100 135	TRUE	reported	igd	24.25 3148

	667				6										13
175	ebi-a-GC ST90027 667	9	1164 0690 7	0.080 884	0.01 8011 5	7.10E -06	7738	rs786 2521	T	G	0.439 996	TRUE	reported	igd	20.16 6265 29
176	ebi-a-GC ST90027 667	11	1111 1917 8	-0.089 6231	0.01 9132 5	2.81E -06	7738	rs443 2059	T	C	0.341 703	TRUE	reported	igd	21.94 3024 07
177	ebi-a-GC ST90027 667	19	7560 434	0.103 933	0.02 3357 4	8.60E -06	7738	rs559 9498 0	A	G	0.199 165	TRUE	reported	igd	19.79 9669 01
178	ebi-a-GC ST90027 667	19	2088 2976	0.148 383	0.03 2403	4.67E -06	7738	rs233 6617	G	A	0.837 784	TRUE	reported	igd	20.96 9972 12
179	ebi-a-GC ST90027 668	1	4741 3786	0.091 9539	0.01 9640 8	2.84E -06	7738	rs112 1140 6	A	C	0.789 079	TRUE	reported	igd	21.91 9061 76
180	ebi-a-GC ST90027 668	1	3205 7186	-0.077 1561	0.01 7272	7.93E -06	7738	rs494 9447	G	A	0.683 099	TRUE	reported	igd	19.95 5162 83
181	ebi-a-GC ST90027 668	2	5285 1073	0.075 2055	0.01 6669	6.43E -06	7738	rs952 822	A	G	0.379 853	TRUE	reported	igd	20.35 5422 11
182	ebi-a-GC ST90027 668	3	7115 6340	-0.086 5621	0.01 9289 8	7.21E -06	7738	rs831 440	T	C	0.766 65	TRUE	reported	igd	20.13 7247 98

183	ebi-a-GC ST90027 668	5	1777 4634 5	0.172 423	0.03 0772 4	2.10E -08	7738	rs733 4486 9	T	C	0.074 5717	TRUE	reported	igd	31.39 5518 23
184	ebi-a-GC ST90027 668	7	7932 8573	-0.145 905	0.03 1542 9	3.73E -06	7738	rs246 5506	T	C	0.929 491	TRUE	reported	igd	21.39 6222 8
185	ebi-a-GC ST90027 668	11	3584 7569	-0.100 451	0.02 2395	7.28E -06	7738	rs618 8130 0	T	C	0.159 687	TRUE	reported	igd	20.11 9000 23
186	ebi-a-GC ST90027 668	11	6669 0149	0.088 645	0.02 0000 9	9.33E -06	7738	rs744 5957 3	C	T	0.199 37	TRUE	reported	igd	19.64 3072 15
187	ebi-a-GC ST90027 668	12	7253 2501	0.172 751	0.03 8857 2	8.76E -06	7738	rs773 1837 0	G	A	0.054 3052	TRUE	reported	igd	19.76 5059 89
188	ebi-a-GC ST90027 668	13	2475 3101	0.089 6655	0.01 9960 5	7.05E -06	7738	rs951 1112	G	A	0.767 59	TRUE	reported	igd	20.17 9384 58
189	ebi-a-GC ST90027 668	20	1564 9074	-0.071 5726	0.01 6077 8	8.52E -06	7738	rs613 1687	A	G	0.476 825	TRUE	reported	igd	19.81 7111 1
190	ebi-a-GC ST90027 669	1	1871 2328	-0.180 69	0.04 0644 7	8.76E -06	7738	rs668 4536	T	C	0.245 762	TRUE	reported	igd	19.76 3342 23
191	ebi-a-GC	2	8106	-0.216	0.04	9.47E	7738	rs116	G	T	0.847	TRUE	reported	igd	19.61

	ST90027 669		6982	861	8965	-06		8986 2			484				5139 2
192	ebi-a-GC ST90027 669	4	1498 4154 0	-0.176 148	0.03 8568 7	4.94E -06	7738	rs768 3225 6	C	T	0.264 639	TRUE	reported	igd	20.85 8613 24
193	ebi-a-GC ST90027 669	4	5356 3365	0.355 92	0.07 6704 3	3.48E -06	7738	rs112 2419 99	T	C	0.073 0194	TRUE	reported	igd	21.53 1057 64
194	ebi-a-GC ST90027 669	4	3267 074	0.297 472	0.06 4621 9	4.16E -06	7738	rs313 5176	C	T	0.091 9798	TRUE	reported	igd	21.19 0087 05
195	ebi-a-GC ST90027 669	5	1001 0335 8	0.165 598	0.03 6728 2	6.52E -06	7738	rs278 502	G	A	0.333 478	TRUE	reported	igd	20.32 8759 84
196	ebi-a-GC ST90027 669	6	1558 3641 5	-0.273 266	0.06 1153 3	7.88E -06	7738	rs122 0403 1	A	T	0.124 503	TRUE	reported	igd	19.96 7854 53
197	ebi-a-GC ST90027 669	10	7998 6352	0.156 996	0.03 5250 5	8.44E -06	7738	rs114 9732	T	C	0.382 739	TRUE	reported	igd	19.83 5658 01
198	ebi-a-GC ST90027 669	12	1625 6537	0.162 166	0.03 5898 9	6.26E -06	7738	rs259 8336	C	G	0.593 195	TRUE	reported	igd	20.40 5973 88
199	ebi-a-GC ST90027	12	1989 9635	-0.277 086	0.06 1724	7.15E -06	7738	rs174 5733	G	T	0.092 8986	TRUE	reported	igd	20.15 2133

	669							1							95
200	ebi-a-GC ST90027 669	13	1090 0185 0	0.180 256	0.03 6529 3	8.03E -07	7738	rs955 9303	T	C	0.363 05	TRUE	reported	igd	24.34 9876 29
201	ebi-a-GC ST90027 669	14	4233 8011	0.184 167	0.04 0591 3	5.70E -06	7738	rs289 9931	T	G	0.242 114	TRUE	reported	igd	20.58 5323 97
202	ebi-a-GC ST90027 669	14	7318 2541	-0.184 069	0.03 7914	1.20E -06	7738	rs233 2915	C	G	0.378 608	TRUE	reported	igd	23.57 0136 32
203	ebi-a-GC ST90027 670	3	1042 8448 3	-0.135 924	0.02 7077 6	5.17E -07	7738	rs982 8991	T	A	0.702 7	TRUE	reported	igd	25.19 8341 44
204	ebi-a-GC ST90027 670	4	7277 846	0.209 054	0.04 5559 1	4.46E -06	7738	rs287 1956 1	C	T	0.083 7098	TRUE	reported	igd	21.05 5554 88
205	ebi-a-GC ST90027 670	6	1172 2728 4	-0.144 528	0.03 0095 8	1.57E -06	7738	rs111 5364 1	C	T	0.206 792	TRUE	reported	igd	23.06 1746 9
206	ebi-a-GC ST90027 670	7	1227 8383 9	0.205 148	0.04 0588 1	4.32E -07	7738	rs734 4794 0	A	C	0.101 803	TRUE	reported	igd	25.54 6836 66
207	ebi-a-GC ST90027 670	7	7822 225	0.150 679	0.03 3183 8	5.61E -06	7738	rs132 3550 0	G	A	0.190 723	TRUE	reported	igd	20.61 8317 55

208	ebi-a-GC ST90027 670	8	2113 9032	-0.167 032	0.03 7438 1	8.14E -06	7738	rs261 0946	G	A	0.854 692	TRUE	reported	igd	19.90 5439 11
209	ebi-a-GC ST90027 670	8	9889 9757	-0.192 862	0.04 3604 9	9.74E -06	7738	rs759 5530 5	A	C	0.083 372	TRUE	reported	igd	19.56 2427 37
210	ebi-a-GC ST90027 670	9	7870 9777	-0.154 409	0.03 2320 8	1.78E -06	7738	rs123 4557 0	T	C	0.168 494	TRUE	reported	igd	22.82 3435 49
211	ebi-a-GC ST90027 670	10	5993 461	0.207 403	0.04 6335 7	7.60E -06	7738	rs412 9402 9	T	C	0.081 7246	TRUE	reported	igd	20.03 5427 4
212	ebi-a-GC ST90027 670	10	5532 5964	-0.246 374	0.05 2614 8	2.83E -06	7738	rs732 4216 1	C	A	0.055 7373	TRUE	reported	igd	21.92 6731 64
213	ebi-a-GC ST90027 670	12	3222 6658	0.124 28	0.02 7026 6	4.26E -06	7738	rs266 8320	T	C	0.278 342	TRUE	reported	igd	21.14 5582 88
214	ebi-a-GC ST90027 670	14	8066 0670	0.119 13	0.02 5832 8	4.00E -06	7738	rs740 6445 7	A	G	0.339 887	TRUE	reported	igd	21.26 6661 59
215	ebi-a-GC ST90027 670	14	2311 9483	0.165 144	0.03 6930 2	7.76E -06	7738	rs726 7983 8	G	A	0.125 756	TRUE	reported	igd	19.99 6881 81
216	ebi-a-GC	16	6040	0.143	0.03	1.69E	7738	rs190	T	C	0.799	TRUE	reported	igd	22.91

	ST90027 670		7480	701	0017 9	-06		1115			426				7063 48
217	ebi-a-GC ST90027 670	21	4301 8030	-0.118 422	0.02 6507 6	7.92E -06	7738	rs389 2326	C	T	0.480 188	TRUE	reported	igd	19.95 8319 29
218	ebi-a-GC ST90027 671	1	2198 5921 0	0.134 667	0.02 8579 7	2.45E -06	7738	rs157 2504	T	C	0.210 831	TRUE	reported	igd	22.20 2763 83
219	ebi-a-GC ST90027 671	2	8281 2545	0.217 385	0.04 7265 7	4.24E -06	7738	rs176 2662 1	T	G	0.068 2361	TRUE	reported	igd	21.15 2755 96
220	ebi-a-GC ST90027 671	4	2975 9187	0.243 328	0.05 0587 2	1.51E -06	7738	rs285 7701 8	G	A	0.057 3578	TRUE	reported	igd	23.13 6778 52
221	ebi-a-GC ST90027 671	4	1408 1901 6	0.162 681	0.03 5018 8	3.39E -06	7738	rs153 1069	C	G	0.862 022	TRUE	reported	igd	21.58 0979 24
222	ebi-a-GC ST90027 671	6	1439 5373	0.170 942	0.03 6738	3.27E -06	7738	rs119 6966 0	T	C	0.110 506	TRUE	reported	igd	21.65 0430 78
223	ebi-a-GC ST90027 671	8	8904 6119	-0.114 781	0.02 3154	7.15E -07	7738	rs101 0627 5	A	G	0.437 82	TRUE	reported	igd	24.57 4684 47
224	ebi-a-GC ST90027	12	9420 0011	-0.111 296	0.02 4103	3.88E -06	7738	rs558 3401	C	A	0.365 609	TRUE	reported	igd	21.32 1104

	671				2			2							72
225	ebi-a-GC ST90027 671	15	4059 7229	0.116 46	0.02 5969 4	7.31E -06	7738	rs492 4450	A	G	0.705 191	TRUE	reported	igd	20.11 0818 2
226	ebi-a-GC ST90027 671	15	4276 9334	-0.195 978	0.04 2656 3	4.34E -06	7738	rs111 6047 29	T	C	0.085 2083	TRUE	reported	igd	21.10 8057 97
227	ebi-a-GC ST90027 671	16	8625 523	0.142 402	0.02 8635 4	6.59E -07	7738	rs129 2330 5	A	C	0.229 486	TRUE	reported	igd	24.73 0088 45
228	ebi-a-GC ST90027 672	1	7704 1173	-0.101 553	0.02 2801 3	8.44E -06	7738	rs315 026	G	A	0.313 019	TRUE	reported	igd	19.83 6557 14
229	ebi-a-GC ST90027 672	1	1813 3833 9	-0.105 024	0.02 3629 5	8.81E -06	7738	rs120 3905 7	G	A	0.284 067	TRUE	reported	igd	19.75 4591 16
230	ebi-a-GC ST90027 672	4	1502 7727 9	0.235 299	0.04 8579 4	1.28E -06	7738	rs361 3191 0	A	G	0.052 841	TRUE	reported	igd	23.46 0424 7
231	ebi-a-GC ST90027 672	10	5913 5772	-0.225 762	0.04 8717 5	3.58E -06	7738	rs745 6438 3	T	C	0.050 7443	TRUE	reported	igd	21.47 4927 18
232	ebi-a-GC ST90027 672	11	5845 481	-0.171 682	0.03 6646 1	2.80E -06	7738	rs728 9614 1	A	G	0.114 07	TRUE	reported	igd	21.94 7952 07

233	ebi-a-GC ST90027 672	13	8559 9144	0.161 43	0.03 5032 4	4.06E -06	7738	rs359 0346 3	T	A	0.107 979	TRUE	reported	igd	21.23 3848 36
234	ebi-a-GC ST90027 672	15	9918 3876	0.104 932	0.02 2461 5	2.99E -06	7738	rs740 2939	C	T	0.631 239	TRUE	reported	igd	21.82 4202 88
235	ebi-a-GC ST90027 672	18	4714 2173	-0.132 439	0.02 6602 2	6.41E -07	7738	rs493 9587	G	T	0.193 687	TRUE	reported	igd	24.78 5442 52
236	ebi-a-GC ST90027 673	7	1577 6571	0.154 392	0.03 4299 3	6.75E -06	7738	rs194 2648	T	C	0.060 6979	TRUE	reported	igd	20.26 1848 91
237	ebi-a-GC ST90027 673	8	7435 0499	-0.084 3857	0.01 6417 3	2.75E -07	7738	rs172 1825 6	G	C	0.446 303	TRUE	reported	igd	26.42 0087 16
238	ebi-a-GC ST90027 673	8	1391 7534 9	-0.082 4025	0.01 8276 3	6.52E -06	7738	rs389 8456	T	C	0.358 345	TRUE	reported	igd	20.32 8447 82
239	ebi-a-GC ST90027 673	12	4076 7990	0.075 5761	0.01 6981 7	8.57E -06	7738	rs411 3953	C	G	0.656 12	TRUE	reported	igd	19.80 6449 24
240	ebi-a-GC ST90027 673	13	7546 3070	0.077 1876	0.01 6437 2	2.65E -06	7738	rs960 0403	C	A	0.455 977	TRUE	reported	igd	22.05 1563 96
241	ebi-a-GC	18	3384	0.104	0.02	4.72E	7738	rs225	A	G	0.845	TRUE	reported	igd	20.94

	ST90027 673		9043	832	2904 8	-06		2668			037				7622 31
242	ebi-a-GC ST90027 673	20	5030 6527	-0.084 3257	0.01 8031 7	2.92E -06	7738	rs602 1384	C	T	0.291 772	TRUE	reported	igd	21.86 9888 23
243	ebi-a-GC ST90027 674	1	4258 1600	0.105 431	0.02 0547 4	2.88E -07	7738	rs112 1059 2	G	A	0.192 552	TRUE	reported	igd	26.32 8305 01
244	ebi-a-GC ST90027 674	2	2264 6795 4	-0.090 7745	0.02 0364 5	8.29E -06	7738	rs126 1906 3	A	G	0.219 821	TRUE	reported	igd	19.86 9192 98
245	ebi-a-GC ST90027 674	2	2134 0043 4	-0.088 5936	0.01 9595 8	6.15E -06	7738	rs118 9266 1	G	T	0.228 781	TRUE	reported	igd	20.43 9896 98
246	ebi-a-GC ST90027 674	3	4215 9514	-0.076 0817	0.01 6510 5	4.06E -06	7738	rs988 2102	A	G	0.575 358	TRUE	reported	igd	21.23 4398 58
247	ebi-a-GC ST90027 674	4	1434 9049	-0.074 7618	0.01 6725 4	7.82E -06	7738	rs290 3645	C	T	0.632 013	TRUE	reported	igd	19.98 0505 53
248	ebi-a-GC ST90027 674	4	7961 293	-0.150 967	0.03 3204 8	5.45E -06	7738	rs116 6565 00	C	T	0.065 8668	TRUE	reported	igd	20.67 1039 28
249	ebi-a-GC ST90027	5	3194 999	-0.073 012	0.01 6278	7.28E -06	7738	rs166 135	A	G	0.463 958	TRUE	reported	igd	20.11 7085

	674				4										34
250	ebi-a-GC ST90027 674	6	7085 817	-0.090 7695	0.02 0407 9	8.68E -06	7738	rs610 2539 4	A	G	0.195 299	TRUE	reported	igd	19.78 2594 6
251	ebi-a-GC ST90027 674	8	2249 2129	-0.082 2329	0.01 7630 1	3.10E -06	7738	rs655 8174	G	A	0.690 82	TRUE	reported	igd	21.75 6130 8
252	ebi-a-GC ST90027 674	10	7953 9821	-0.175 75	0.03 6883 3	1.89E -06	7738	rs113 0976 55	T	A	0.059 0912	TRUE	reported	igd	22.70 5502 89
253	ebi-a-GC ST90027 674	10	1258 9150	0.083 5007	0.01 8223 4	4.60E -06	7738	rs707 8960	G	A	0.631 884	TRUE	reported	igd	20.99 5267 71
254	ebi-a-GC ST90027 674	14	9081 1229	-0.074 346	0.01 6711 2	8.63E -06	7738	rs116 2579 4	G	A	0.438 36	TRUE	reported	igd	19.79 2467 52
255	ebi-a-GC ST90027 675	2	5436 3878	-0.079 5853	0.01 7042 7	3.02E -06	7738	rs560 0193 9	C	T	0.362 334	TRUE	reported	igd	21.80 6648 18
256	ebi-a-GC ST90027 675	4	2785 0234	-0.110 371	0.02 3980 6	4.17E -06	7738	rs131 1942 3	C	A	0.139 999	TRUE	reported	igd	21.18 3116 99
257	ebi-a-GC ST90027 675	9	2180 8352	-0.158 559	0.03 5199 8	6.65E -06	7738	rs556 8237 5	A	G	0.067 4229	TRUE	reported	igd	20.29 0904 39

258	ebi-a-GC ST90027 675	11	5806 426	0.141 694	0.02 7228	1.95E -07	7738	rs107 6922 1	A	G	0.884 538	TRUE	reported	igd	27.08 1420 29
259	ebi-a-GC ST90027 675	16	8130 2009	0.093 8369	0.02 0060 5	2.90E -06	7738	rs124 4633 4	G	A	0.275 569	TRUE	reported	igd	21.88 0830 26
260	ebi-a-GC ST90027 675	19	4579 3832	-0.082 8569	0.01 7673 5	2.76E -06	7738	rs348 6563 6	T	A	0.312 404	TRUE	reported	igd	21.97 9217 81
261	ebi-a-GC ST90027 675	19	3571 8076	-0.080 0168	0.01 6918 1	2.25E -06	7738	rs725 5582	T	C	0.411 214	TRUE	reported	igd	22.36 9649 7
262	ebi-a-GC ST90027 675	20	1890 6606	0.087 3817	0.01 8519 3	2.38E -06	7738	rs110 8727 0	T	A	0.267 415	TRUE	reported	igd	22.26 3418 25
263	ebi-a-GC ST90027 676	4	1187 3267 0	-0.073 4502	0.01 6521 9	8.76E -06	7738	rs444 6400	T	C	0.400 889	TRUE	reported	igd	19.76 3596 88
264	ebi-a-GC ST90027 676	5	5859 8034	-0.114 376	0.02 5556 8	7.63E -06	7738	rs154 221	T	C	0.111 851	TRUE	reported	igd	20.02 8889
265	ebi-a-GC ST90027 676	5	8288 5783	0.091 5711	0.02 0279 3	6.32E -06	7738	rs688 7055	G	A	0.203 47	TRUE	reported	igd	20.38 9705
266	ebi-a-GC	5	1103	-0.109	0.02	9.82E	7738	rs111	C	T	0.143	TRUE	reported	igd	19.54

	ST90027 676		8911 0	559	4780 9	-06		8542 45			828				6183 37
267	ebi-a-GC ST90027 676	8	5954 4252	0.082 9663	0.01 7982 9	3.96E -06	7738	rs172 0674 6	T	A	0.288 105	TRUE	reported	igd	21.28 5506 39
268	ebi-a-GC ST90027 676	10	9526 946	-0.141 078	0.02 8307 6	6.24E -07	7738	rs749 4922 9	A	G	0.093 8701	TRUE	reported	igd	24.83 7763 53
269	ebi-a-GC ST90027 676	11	3246 0157	-0.166 308	0.03 6677 5	5.78E -06	7738	rs117 9967 20	A	C	0.060 8325	TRUE	reported	igd	20.56 0176 1
270	ebi-a-GC ST90027 677	3	3766 7096	-0.174 589	0.03 9243 4	8.63E -06	7738	rs786 8512 5	T	C	0.066 9123	TRUE	reported	igd	19.79 2493 03
271	ebi-a-GC ST90027 677	5	1880 588	-0.101 691	0.02 3014 2	9.93E -06	7738	rs497 5752	G	T	0.230 866	TRUE	reported	igd	19.52 4201 01
272	ebi-a-GC ST90027 677	8	9415 8704	0.100 498	0.02 1337 7	2.48E -06	7738	rs733 330	G	A	0.337 04	TRUE	reported	igd	22.18 2966 76
273	ebi-a-GC ST90027 677	12	2426 8068	-0.183 606	0.04 1519	9.77E -06	7738	rs752 9832 6	T	A	0.059 2882	TRUE	reported	igd	19.55 5997 31
274	ebi-a-GC ST90027	17	3600 2599	0.115 925	0.02 5306	4.63E -06	7738	rs116 5255	C	T	0.807 699	TRUE	reported	igd	20.98 4914

	677							9							39
275	ebi-a-GC ST90027 677	19	7756 26	0.146 435	0.03 3070 1	9.51E -06	7738	rs621 3132 7	C	T	0.104 702	TRUE	reported	igd	19.60 7343 93
276	ebi-a-GC ST90027 677	19	2846 1212	-0.210 504	0.04 3945 6	1.67E -06	7738	rs730 3792 9	T	G	0.053 9829	TRUE	reported	igd	22.94 5097 56
277	ebi-a-GC ST90027 677	20	4387 3729	0.153 27	0.03 3286 1	4.13E -06	7738	rs731 1474 6	T	C	0.099 634	TRUE	reported	igd	21.20 2569 12
278	ebi-a-GC ST90027 678	3	2125 9066	-0.197 87	0.04 4361 8	8.18E -06	7738	rs764 1133 1	T	C	0.106 517	TRUE	reported	igd	19.89 4892 12
279	ebi-a-GC ST90027 678	7	1928 6182	0.166 19	0.03 5463 3	2.78E -06	7738	rs779 7421	T	C	0.185 171	TRUE	reported	igd	21.96 0968 23
280	ebi-a-GC ST90027 678	7	2280 7884	-0.130 716	0.02 7475 9	1.96E -06	7738	rs778 7688	T	C	0.423 2	TRUE	reported	igd	22.63 3600 46
281	ebi-a-GC ST90027 678	11	1139 5597 0	0.134 359	0.02 9049 3	3.74E -06	7738	rs557 5185 5	G	A	0.299 801	TRUE	reported	igd	21.39 2531 61
282	ebi-a-GC ST90027 678	12	2027 8430	-0.127 219	0.02 8398 4	7.47E -06	7738	rs230 3658	A	G	0.332 114	TRUE	reported	igd	20.06 8559 98

283	ebi-a-GC ST90027 678	14	4250 9970	-0.130 019	0.02 8663	5.73E -06	7738	rs118 5000 2	C	A	0.290 347	TRUE	reported	igd	20.57 6445 56
284	ebi-a-GC ST90027 678	16	6167 5825	-0.162 536	0.03 6227 9	7.24E -06	7738	rs673 9174 6	C	T	0.157 817	TRUE	reported	igd	20.12 8565 01
285	ebi-a-GC ST90027 678	3	2125 9066	-0.197 87	0.04 4361 8	8.18E -06	7738	rs764 1133 1	T	C	0.106 517	TRUE	reported	igd	19.89 4892 12
286	ebi-a-GC ST90027 678	7	1928 6182	0.166 19	0.03 5463 3	2.78E -06	7738	rs779 7421	T	C	0.185 171	TRUE	reported	igd	21.96 0968 23
287	ebi-a-GC ST90027 678	7	2280 7884	-0.130 716	0.02 7475 9	1.96E -06	7738	rs778 7688	T	C	0.423 2	TRUE	reported	igd	22.63 3600 46
288	ebi-a-GC ST90027 678	11	1139 5597 0	0.134 359	0.02 9049 3	3.74E -06	7738	rs557 5185 5	G	A	0.299 801	TRUE	reported	igd	21.39 2531 61
289	ebi-a-GC ST90027 678	12	2027 8430	-0.127 219	0.02 8398 4	7.47E -06	7738	rs230 3658	A	G	0.332 114	TRUE	reported	igd	20.06 8559 98
290	ebi-a-GC ST90027 678	14	4250 9970	-0.130 019	0.02 8663	5.73E -06	7738	rs118 5000 2	C	A	0.290 347	TRUE	reported	igd	20.57 6445 56
291	ebi-a-GC	16	6167	-0.162	0.03	7.24E	7738	rs673	C	T	0.157	TRUE	reported	igd	20.12

	ST90027 678		5825	536	6227 9	-06		9174 6			817				8565 01
292	ebi-a-GC ST90027 679	1	1686 6305 5	-0.126 683	0.02 7862 5	5.45E -06	7738	rs118 0483 3	T	C	0.151 584	TRUE	reported	igd	20.67 2667 33
293	ebi-a-GC ST90027 679	1	2146 8280 8	-0.173 41	0.03 8577 7	6.95E -06	7738	rs670 1211	A	G	0.073 0062	TRUE	reported	igd	20.20 5779 69
294	ebi-a-GC ST90027 679	2	7663 2661	0.117 901	0.02 5944 5	5.51E -06	7738	rs621 6597 7	T	C	0.168 383	TRUE	reported	igd	20.65 1155 96
295	ebi-a-GC ST90027 679	5	1425 9041 4	0.100 039	0.02 1114 4	2.16E -06	7738	rs258 816	A	C	0.399 475	TRUE	reported	igd	22.44 8183
296	ebi-a-GC ST90027 679	6	1212 2006 7	0.102 716	0.02 2491 8	4.95E -06	7738	rs774 6214	A	G	0.743 589	TRUE	reported	igd	20.85 5844 07
297	ebi-a-GC ST90027 679	6	1487 7033 1	0.194 16	0.03 752	2.28E -07	7738	rs350 2548 5	A	G	0.073 2338	TRUE	reported	igd	26.77 8969 91
298	ebi-a-GC ST90027 679	8	3228 8932	-0.093 0453	0.01 9725 5	2.39E -06	7738	rs234 7496	G	T	0.399 51	TRUE	reported	igd	22.25 0144 72
299	ebi-a-GC ST90027	12	1167 6960	-0.090 728	0.02 0247	7.43E -06	7738	rs188 2135	G	T	0.354 587	TRUE	reported	igd	20.07 9889

	679		0												07
300	ebi-a-GC ST90027 679	16	1166 9568	0.100 571	0.02 0125	5.81E -07	7738	rs620 2427 0	A	G	0.371 821	TRUE	reported	igd	24.97 3174 9
301	ebi-a-GC ST90027 679	18	3206 552	-0.111 547	0.02 4913 8	7.56E -06	7738	rs283 9383 3	T	C	0.202 463	TRUE	reported	igd	20.04 6374 61
302	ebi-a-GC ST90027 679	19	1429 8620	0.225 631	0.04 8792 4	3.76E -06	7738	rs118 8163 1	G	A	0.064 8521	TRUE	reported	igd	21.38 4208 24
303	ebi-a-GC ST90027 679	20	1892 9774	0.093 1033	0.02 0560 3	5.95E -06	7738	rs610 5994	A	G	0.373 708	TRUE	reported	igd	20.50 5542 08
304	ebi-a-GC ST90027 679	20	6150 7289	0.090 6515	0.01 9767 1	4.52E -06	7738	rs231 3533	C	G	0.516 659	TRUE	reported	igd	21.03 1200 84
305	ebi-a-GC ST90027 680	1	7608 9534	0.232 224	0.05 0739 6	4.72E -06	7738	rs666 4382	C	G	0.935 113	TRUE	reported	igd	20.94 6917 61
306	ebi-a-GC ST90027 680	3	1785 6786 4	-0.248 008	0.05 5944 6	9.29E -06	7738	rs987 2584	A	C	0.072 4795	TRUE	reported	igd	19.65 2374 62
307	ebi-a-GC ST90027 680	6	3093 0633	-0.132 857	0.02 9765 9	8.07E -06	7738	rs946 8851	G	A	0.234 907	TRUE	reported	igd	19.92 1904 15

308	ebi-a-GC ST90027 680	7	5233 6084	0.144 647	0.03 2212 1	7.11E -06	7738	rs186 0691	G	A	0.183 397	TRUE	reported	igd	20.16 4190 15
309	ebi-a-GC ST90027 680	7	7150 8645	0.173 906	0.03 5894 7	1.27E -06	7738	rs471 7625	G	A	0.142 567	TRUE	reported	igd	23.47 2993 37
310	ebi-a-GC ST90027 680	8	1902 9859	0.130 578	0.02 8764 5	5.64E -06	7738	rs132 5705 0	A	C	0.720 616	TRUE	reported	igd	20.60 7550 19
311	ebi-a-GC ST90027 680	9	7786 2854	-0.138 725	0.02 9365	2.31E -06	7738	rs111 4435 0	G	A	0.729 892	TRUE	reported	igd	22.31 7701 09
312	ebi-a-GC ST90027 680	9	7944 2588	-0.174 748	0.03 5174 5	6.76E -07	7738	rs736 5321 7	T	A	0.158 443	TRUE	reported	igd	24.68 1330 21
313	ebi-a-GC ST90027 680	11	1050 4683 9	0.120 714	0.02 5717 3	2.68E -06	7738	rs108 9578 4	G	A	0.620 207	TRUE	reported	igd	22.03 2538 61
314	ebi-a-GC ST90027 680	11	7111 3304	-0.130 59	0.02 8212 8	3.68E -06	7738	rs179 2325	T	C	0.398 815	TRUE	reported	igd	21.42 5327 22
315	ebi-a-GC ST90027 680	11	2141 69	0.137 173	0.02 6635 6	2.61E -07	7738	rs153 3824	C	T	0.329 499	TRUE	reported	igd	26.52 2368 52
316	ebi-a-GC	12	2088	0.208	0.04	2.33E	7738	rs169	G	A	0.087	TRUE	reported	igd	22.30

	ST90027 680		5931	221	4087 9	-06		2315 4			4242				5410 99
317	ebi-a-GC ST90027 680	13	3846 3552	-0.139 037	0.02 9764 2	2.99E -06	7738	rs105 0746 5	C	T	0.246 739	TRUE	reported	igd	21.82 0884 41
318	ebi-a-GC ST90027 680	17	2975 5009	-0.191 247	0.04 2409 2	6.50E -06	7738	rs129 4100 5	C	T	0.096 713	TRUE	reported	igd	20.33 6167 13
319	ebi-a-GC ST90027 681	1	6526 8226	0.154 92	0.03 4645 3	7.76E -06	7738	rs127 2510 4	G	A	0.177 096	TRUE	reported	igd	19.99 5226 31
320	ebi-a-GC ST90027 681	1	2067 5489 3	0.139 031	0.03 0672 4	5.82E -06	7738	rs233 6943	T	C	0.262 483	TRUE	reported	igd	20.54 6023 22
321	ebi-a-GC ST90027 681	2	1045 5625	-0.154 011	0.03 0721 1	5.35E -07	7738	rs186 1231	A	G	0.741 502	TRUE	reported	igd	25.13 2168 2
322	ebi-a-GC ST90027 681	2	6793 3923	-0.148 048	0.03 3379 6	9.20E -06	7738	rs108 6536 2	T	C	0.798 704	TRUE	reported	igd	19.67 1742 62
323	ebi-a-GC ST90027 681	8	8323 0206	-0.221 395	0.04 9734 9	8.53E -06	7738	rs359 2100 3	C	A	0.081 6795	TRUE	reported	igd	19.81 5868 84
324	ebi-a-GC ST90027	12	1178 9293	-0.163 287	0.03 6306	6.88E -06	7738	rs110 6849	A	G	0.157 012	TRUE	reported	igd	20.22 6804

	681		1		8			9							38
325	ebi-a-GC ST90027 681	16	8174 7602	0.130 841	0.02 9217 3	7.53E -06	7738	rs488 9373	G	A	0.720 261	TRUE	reported	igd	20.05 4301 95
326	ebi-a-GC ST90027 681	17	4872 9781	-0.138 562	0.02 9183 4	2.05E -06	7738	rs175 6251 6	A	T	0.301 073	TRUE	reported	igd	22.54 3249 15
327	ebi-a-GC ST90027 681	19	5285 5303	0.128 373	0.02 7354 1	2.69E -06	7738	rs374 5098	T	G	0.445 331	TRUE	reported	igd	22.02 4320 61
328	ebi-a-GC ST90027 681	20	5922 0861	-0.273 973	0.05 8558 1	2.89E -06	7738	rs739 1856 3	C	T	0.056 4855	TRUE	reported	igd	21.88 9789 06
329	ebi-a-GC ST90027 682	2	4437 4984	0.076 7079	0.01 7025 2	6.62E -06	7738	rs200 4833	T	G	0.651 762	TRUE	reported	igd	20.29 9986 17
330	ebi-a-GC ST90027 682	12	1088 7466 3	-0.111 451	0.02 3851	2.97E -06	7738	rs111 1391 0	A	C	0.139 107	TRUE	reported	igd	21.83 5078 33
331	ebi-a-GC ST90027 682	13	2365 6934	-0.159 079	0.03 4067 7	3.02E -06	7738	rs590 3385 2	C	T	0.064 6688	TRUE	reported	igd	21.80 4195 94
332	ebi-a-GC ST90027 682	14	7848 3292	0.136 403	0.02 9578 3	4.00E -06	7738	rs768 8360 1	C	T	0.084 7648	TRUE	reported	igd	21.26 6764 67

333	ebi-a-GC ST90027 682	16	6246 5518	-0.082 2555	0.01 6948	1.21E -06	7738	rs967 3456	G	T	0.420 045	TRUE	reported	igd	23.55 5535 55
334	ebi-a-GC ST90027 682	16	5244 3744	0.073 8342	0.01 6590 8	8.57E -06	7738	rs142 0536	G	A	0.468 396	TRUE	reported	igd	19.80 5257 41
335	ebi-a-GC ST90027 682	16	8610 6253	0.130 627	0.02 6673	9.71E -07	7738	rs740 3421 5	C	T	0.111 819	TRUE	reported	igd	23.98 4030 95
336	ebi-a-GC ST90027 682	17	8106 4203	0.078 4057	0.01 7599 8	8.39E -06	7738	rs285 1750 5	A	G	0.687 092	TRUE	reported	igd	19.84 6311 69
337	ebi-a-GC ST90027 682	21	3537 0488	-0.082 2713	0.01 6265 8	4.24E -07	7738	rs283 4333	A	C	0.536 805	TRUE	reported	igd	25.58 2669 7
338	ebi-a-GC ST90027 683	1	1383 9382	0.083 9517	0.01 8587 2	6.28E -06	7738	rs299 0682	G	C	0.304 642	TRUE	reported	igd	20.40 0041 26
339	ebi-a-GC ST90027 683	2	1509 4817 8	-0.127 521	0.02 8726 6	9.03E -06	7738	rs739 6673 8	C	G	0.102 434	TRUE	reported	igd	19.70 5840 59
340	ebi-a-GC ST90027 683	8	1308 3611 8	-0.082 1171	0.01 7509 2	2.73E -06	7738	rs100 8705 6	A	C	0.385 711	TRUE	reported	igd	21.99 5538 57
341	ebi-a-GC	11	1247	0.095	0.01	1.23E	7738	rs112	C	T	0.264	TRUE	reported	igd	23.52

	ST90027 683		1870 7	3695	9663 7	-06		1980 5			005				2773 78
342	ebi-a-GC ST90027 683	19	2048 4610	-0.152 531	0.03 3986 1	7.19E -06	7738	rs735 3955 4	T	C	0.086 1849	TRUE	reported	igd	20.14 2509 32
343	ebi-a-GC ST90027 683	20	4803 3171	-0.085 1866	0.01 8658	4.98E -06	7738	rs237 461	C	T	0.290 792	TRUE	reported	igd	20.84 5503 63
344	ebi-a-GC ST90027 684	3	1683 2605 6	0.197 345	0.04 3940 9	7.08E -06	7738	rs113 1172 01	T	C	0.058 8079	TRUE	reported	igd	20.17 0392 95
345	ebi-a-GC ST90027 684	4	1469 7797 9	0.085 1873	0.01 8958 4	7.01E -06	7738	rs131 3831 3	T	C	0.414 534	TRUE	reported	igd	20.19 0466 01
346	ebi-a-GC ST90027 684	5	3977 4566	-0.180 471	0.03 8196 4	2.30E -06	7738	rs131 6633 9	G	A	0.065 9301	TRUE	reported	igd	22.32 3895 67
347	ebi-a-GC ST90027 684	5	4405 5894	0.229 202	0.04 4755	3.04E -07	7738	rs115 5340 05	C	T	0.050 7977	TRUE	reported	igd	26.22 7305 98
348	ebi-a-GC ST90027 684	6	1275 2767	0.190 198	0.04 2740 8	8.59E -06	7738	rs112 5729 80	G	A	0.052 7728	TRUE	reported	igd	19.80 2799 86
349	ebi-a-GC ST90027	10	1272 9703	-0.194 897	0.04 3794	8.58E -06	7738	rs122 5496	G	A	0.139 658	TRUE	reported	igd	19.80 4922

	685		8		4			5							48
350	ebi-a-GC ST90027 685	12	1500 603	0.225 74	0.05 0319 9	7.25E -06	7738	rs713 2825	A	G	0.087 0785	TRUE	reported	igd	20.12 5074 78
351	ebi-a-GC ST90027 685	17	3620 5502	-0.156 607	0.03 3411	2.77E -06	7738	rs561 6205 2	C	T	0.724 504	TRUE	reported	igd	21.97 0674 58
352	ebi-a-GC ST90027 686	2	3805 0232	-0.090 2038	0.02 0143 4	7.53E -06	7738	rs467 0221	G	C	0.308 248	TRUE	reported	igd	20.05 3219 75
353	ebi-a-GC ST90027 686	2	1672 0355	0.090 9052	0.01 9938 4	5.13E -06	7738	rs127 1073 1	T	C	0.290 693	TRUE	reported	igd	20.78 7240 67
354	ebi-a-GC ST90027 686	4	1512 9508 5	0.092 8291	0.02 0719 9	7.46E -06	7738	rs682 3767	C	T	0.261 341	TRUE	reported	igd	20.07 2107 29
355	ebi-a-GC ST90027 686	5	1188 3600 4	0.106 836	0.02 3637 4	6.19E -06	7738	rs129 8928	G	T	0.182 956	TRUE	reported	igd	20.42 8469 46
356	ebi-a-GC ST90027 686	5	2499 0890	0.191 014	0.03 9289	1.16E -06	7738	rs680 5831 3	T	C	0.064 1869	TRUE	reported	igd	23.63 6787 36
357	ebi-a-GC ST90027 686	6	3770 7962	0.108 913	0.02 3452 4	3.42E -06	7738	rs361 1930 6	T	A	0.197 307	TRUE	reported	igd	21.56 6757 54

358	ebi-a-GC ST90027 686	6	2009 7305	-0.124 435	0.02 5993 9	1.69E -06	7738	rs936 8149	G	A	0.172 487	TRUE	reported	igd	22.91 6179 56
359	ebi-a-GC ST90027 686	10	2005 604	0.088 377	0.01 9934 5	9.28E -06	7738	rs791 2369	G	A	0.702 824	TRUE	reported	igd	19.65 4763 21
360	ebi-a-GC ST90027 686	11	6757 7945	-0.085 249	0.01 8956	6.88E -06	7738	rs748 2174	G	A	0.586 38	TRUE	reported	igd	20.22 4844 28
361	ebi-a-GC ST90027 686	12	6540 5314	-0.089 4416	0.01 9078 2	2.76E -06	7738	rs166 570	G	C	0.636 465	TRUE	reported	igd	21.97 8817 59
362	ebi-a-GC ST90027 686	12	1150 8526 7	-0.105 931	0.02 0255 9	1.70E -07	7738	rs559 2613 1	T	C	0.611 517	TRUE	reported	igd	27.34 9101 03
363	ebi-a-GC ST90027 686	15	3781 6202	0.109 943	0.02 2903 5	1.58E -06	7738	rs358 9564 2	T	C	0.198 579	TRUE	reported	igd	23.04 2598 8
364	ebi-a-GC ST90027 686	16	1008 2174	-0.099 9736	0.02 2310 1	7.43E -06	7738	rs153 2932	G	A	0.786 723	TRUE	reported	igd	20.08 0181 24
365	ebi-a-GC ST90027 686	17	4786 0915	0.127 241	0.02 4443 7	1.93E -07	7738	rs790 4157 9	A	G	0.182 9	TRUE	reported	igd	27.09 6940 48
366	ebi-a-GC	19	2272	0.109	0.02	5.86E	7738	rs252	T	C	0.204	TRUE	reported	igd	20.53

	ST90027 686		309	575	4181 5	-06		3176			089				3192 78
367	ebi-a-GC ST90027 687	1	2979 1430	-0.147 631	0.03 3151 9	8.46E -06	7738	rs769 155	C	G	0.424 259	TRUE	reported	igd	19.83 0710 55
368	ebi-a-GC ST90027 687	1	9501 1698	0.247 295	0.05 2560 7	2.54E -06	7738	rs616 801	A	G	0.119 849	TRUE	reported	igd	22.13 6471 17
369	ebi-a-GC ST90027 687	2	1299 1546 7	-0.258 588	0.05 3506 5	1.35E -06	7738	rs170 4917 7	A	G	0.110 945	TRUE	reported	igd	23.35 6278 61
370	ebi-a-GC ST90027 687	3	1248 1203	-0.173 838	0.03 7351 5	3.25E -06	7738	rs709 159	A	C	0.759 341	TRUE	reported	igd	21.66 0742 47
371	ebi-a-GC ST90027 687	5	1108 7711	-0.146 609	0.03 2786 4	7.76E -06	7738	rs105 1307 0	T	A	0.454 366	TRUE	reported	igd	19.99 5570 37
372	ebi-a-GC ST90027 687	6	3240 2778	-0.185 915	0.04 0120 5	3.59E -06	7738	rs926 8614	G	T	0.200 868	TRUE	reported	igd	21.47 3171 29
373	ebi-a-GC ST90027 687	9	1407 6779 2	-0.324 347	0.07 2607 3	7.93E -06	7738	rs800 1043 5	A	G	0.053 3435	TRUE	reported	igd	19.95 5342 96
374	ebi-a-GC ST90027	12	2834 412	0.165 638	0.03 3732	9.09E -07	7738	rs888 195	C	G	0.331 862	TRUE	reported	igd	24.11 1712

	687				3										01
375	ebi-a-GC ST90027 688	2	1366 1675 4	-0.152 231	0.01 9620 9	8.59E -15	7738	rs182 549	T	C	0.754 899	TRUE	reported	igd	60.19 6099 56
376	ebi-a-GC ST90027 688	2	1010 5414 9	0.084 5549	0.01 8630 1	5.66E -06	7738	rs485 1317	G	T	0.694 865	TRUE	reported	igd	20.59 9049 84
377	ebi-a-GC ST90027 688	3	6301 2872	-0.171 486	0.03 4012 9	4.61E -07	7738	rs744 5240 6	T	C	0.072 1825	TRUE	reported	igd	25.41 9676 32
378	ebi-a-GC ST90027 688	4	1683 4470 8	-0.125 655	0.02 7520 2	4.97E -06	7738	rs447 2164	G	A	0.103 149	TRUE	reported	igd	20.84 7614 97
379	ebi-a-GC ST90027 688	4	6260 0906	0.077 4997	0.01 7412 3	8.55E -06	7738	rs117 3208 1	T	C	0.364 923	TRUE	reported	igd	19.81 0149 84
380	ebi-a-GC ST90027 688	4	7754 1509	0.120 463	0.02 6274 3	4.54E -06	7738	rs485 9454	T	C	0.114 251	TRUE	reported	igd	21.02 0596 72
381	ebi-a-GC ST90027 688	5	7964 3369	0.077 0323	0.01 6724 1	4.10E -06	7738	rs126 5717 0	C	T	0.464 323	TRUE	reported	igd	21.21 5839 37
382	ebi-a-GC ST90027 688	6	9288 3361	-0.076 9908	0.01 6721 7	4.14E -06	7738	rs104 5553 2	G	A	0.552 592	TRUE	reported	igd	21.19 9070 03

383	ebi-a-GC ST90027 688	12	1196 6390 6	-0.108 607	0.02 4363 8	8.28E -06	7738	rs619 3948 6	C	T	0.147 975	TRUE	reported	igd	19.87 1268 13
384	ebi-a-GC ST90027 688	15	2402 5547	0.090 9496	0.02 0094 3	6.01E -06	7738	rs108 7364 0	T	C	0.759 129	TRUE	reported	igd	20.48 5936 54
385	ebi-a-GC ST90027 688	18	7728 4465	-0.081 8989	0.01 8183 8	6.67E -06	7738	rs729 9394 5	A	G	0.334 215	TRUE	reported	igd	20.28 5552 72
386	ebi-a-GC ST90027 689	1	1566 5976 8	-0.121 914	0.02 5289 3	1.43E -06	7738	rs753 2302	T	C	0.667 952	TRUE	reported	igd	23.23 9861 99
387	ebi-a-GC ST90027 689	2	1634 5561	0.214 048	0.04 5688 4	2.80E -06	7738	rs148 8833 44	A	C	0.084 8704	TRUE	reported	igd	21.94 8783 25
388	ebi-a-GC ST90027 689	4	1228 7780 9	-0.138 041	0.03 0768 7	7.24E -06	7738	rs726 8261 3	T	C	0.186 661	TRUE	reported	igd	20.12 7873 71
389	ebi-a-GC ST90027 689	6	1637 4032 2	-0.108 741	0.02 4445 4	8.65E -06	7738	rs934 7737	G	A	0.422 944	TRUE	reported	igd	19.78 7564 75
390	ebi-a-GC ST90027 689	8	8431 5197	0.118 961	0.02 6751 2	8.71E -06	7738	rs625 2967 8	A	G	0.286 471	TRUE	reported	igd	19.77 5281 57
391	ebi-a-GC	9	1286	-0.257	0.05	2.06E	7738	rs609	C	G	0.946	TRUE	reported	igd	22.54

	ST90027 689		6508	5	4235 8	-06		909			447				1476 81
392	ebi-a-GC ST90027 689	13	3731 8533	-0.218 902	0.04 8058 3	5.24E -06	7738	rs735 4636 4	T	C	0.070 5586	TRUE	reported	igd	20.74 7350 83
393	ebi-a-GC ST90027 690	5	7957 0013	0.077 0743	0.01 7168 1	7.14E -06	7738	rs100 7031 1	T	C	0.385 612	TRUE	reported	igd	20.15 4624 42
394	ebi-a-GC ST90027 690	8	2054 9398	-0.097 7091	0.02 1312 4	4.55E -06	7738	rs117 8208 3	G	C	0.198 507	TRUE	reported	igd	21.01 8673 73
395	ebi-a-GC ST90027 690	8	1284 5569 4	-0.106 8	0.02 2999 5	3.42E -06	7738	rs783 1606	A	T	0.161 897	TRUE	reported	igd	21.56 2827 86
396	ebi-a-GC ST90027 690	9	1361 4659 7	0.124 063	0.01 9153 8	9.34E -11	7738	rs550 057	T	C	0.251 04	TRUE	reported	igd	41.95 4124 33
397	ebi-a-GC ST90027 690	10	8474 3037	-0.083 5501	0.01 8618 5	7.21E -06	7738	rs493 3278	T	C	0.289 958	TRUE	reported	igd	20.13 7454 39
398	ebi-a-GC ST90027 690	14	9502 4931	-0.080 6524	0.01 7853 3	6.26E -06	7738	rs714 7611	A	G	0.656 676	TRUE	reported	igd	20.40 7865 59
399	ebi-a-GC ST90027	15	9200 2949	-0.100 005	0.02 2493	8.75E -06	7738	rs407 5691	A	G	0.183 928	TRUE	reported	igd	19.76 6832

	690				3										27
400	ebi-a-GC ST90027 690	20	5474 7624	-0.104 291	0.02 185	1.81E -06	7738	rs609 9022	T	C	0.214 132	TRUE	reported	igd	22.78 1944 05
401	ebi-a-GC ST90027 691	2	2047 3978 1	-0.146 563	0.03 2573 3	6.81E -06	7738	rs231 723	G	A	0.392 175	TRUE	reported	igd	20.24 5344 61
402	ebi-a-GC ST90027 691	2	1030 6546 7	-0.345 674	0.07 2775 6	2.04E -06	7738	rs141 3066 64	G	A	0.051 2882	TRUE	reported	igd	22.56 1181 58
403	ebi-a-GC ST90027 691	5	3918 3334	-0.181 357	0.04 0319 9	6.86E -06	7738	rs623 5872 9	C	T	0.198 663	TRUE	reported	igd	20.23 1577 81
404	ebi-a-GC ST90027 691	14	3742 5905	-0.149 949	0.03 2185 3	3.18E -06	7738	rs355 0186 4	G	A	0.41	TRUE	reported	igd	21.70 5611 45
405	ebi-a-GC ST90027 691	16	5455 531	0.167 244	0.03 7284 9	7.27E -06	7738	rs111 8428 57	G	C	0.252 163	TRUE	reported	igd	20.12 0331 27
406	ebi-a-GC ST90027 691	16	5119 3047	-0.340 309	0.07 4729 4	5.27E -06	7738	rs772 1408 1	G	A	0.050 3147	TRUE	reported	igd	20.73 7857 17
407	ebi-a-GC ST90027 692	1	2548 4633	-0.206 579	0.04 5048 6	4.52E -06	7738	rs755 3861	G	T	0.662 171	TRUE	reported	igd	21.02 8570 18

408	ebi-a-GC ST90027 692	3	6984 0865	-0.295 454	0.06 6507 6	8.90E -06	7738	rs126 3775 4	G	A	0.130 241	TRUE	reported	igd	19.73 5002 96
409	ebi-a-GC ST90027 692	5	1094 0194 0	0.210 409	0.04 4204 6	1.94E -06	7738	rs296 6752	G	A	0.594 667	TRUE	reported	igd	22.65 6545 6
410	ebi-a-GC ST90027 692	8	3804 179	0.308 8	0.06 6797 7	3.78E -06	7738	rs624 8163 7	C	T	0.118 952	TRUE	reported	igd	21.37 1330 74
411	ebi-a-GC ST90027 693	1	1148 9707 6	-0.110 503	0.02 4216 2	5.04E -06	7738	rs742 682	C	A	0.132 617	TRUE	reported	igd	20.82 2657 12
412	ebi-a-GC ST90027 693	1	1146 4802 0	0.085 1111	0.01 9086 7	8.23E -06	7738	rs277 4282	C	T	0.760 57	TRUE	reported	igd	19.88 4318 56
413	ebi-a-GC ST90027 693	2	1229 7214 0	0.114 71	0.02 3893 9	1.58E -06	7738	rs284 1431 6	C	T	0.140 049	TRUE	reported	igd	23.04 7746 9
414	ebi-a-GC ST90027 693	5	8303 3300	-0.117 269	0.02 5762 1	5.31E -06	7738	rs623 6557 7	C	G	0.123 856	TRUE	reported	igd	20.72 0676 01
415	ebi-a-GC ST90027 693	7	7094 69	-0.126 414	0.02 6908 1	2.63E -06	7738	rs730 4609 9	A	G	0.110 042	TRUE	reported	igd	22.07 1115 38
416	ebi-a-GC	7	2725	0.165	0.03	6.70E	7738	rs803	C	A	0.061	TRUE	reported	igd	20.27

	ST90027 693		5650	091	6661 9	-06		0675 8			056				7614 36
417	ebi-a-GC ST90027 693	7	5362 944	-0.083 0545	0.01 8116 5	4.55E -06	7738	rs561 7800 1	C	G	0.707 901	TRUE	reported	igd	21.01 7339 49
418	ebi-a-GC ST90027 693	8	6269 7207	0.077 1407	0.01 7275 1	7.99E -06	7738	rs427 8144	C	A	0.351 387	TRUE	reported	igd	19.94 0039 34
419	ebi-a-GC ST90027 693	9	1108 8298 0	-0.080 6974	0.01 7122 7	2.44E -06	7738	rs680 138	T	C	0.617 925	TRUE	reported	igd	22.21 1331 27
420	ebi-a-GC ST90027 693	9	1159 2631 7	-0.114 098	0.02 5338 3	6.70E -06	7738	rs257 1	T	G	0.125 637	TRUE	reported	igd	20.27 6879 3
421	ebi-a-GC ST90027 693	11	1162 7351 1	-0.079 0377	0.01 7043 6	3.53E -06	7738	rs505 128	C	T	0.353 603	TRUE	reported	igd	21.50 5320 6
422	ebi-a-GC ST90027 693	12	1097 0915 7	-0.100 363	0.02 1973	4.93E -06	7738	rs615 1072 9	A	G	0.171 943	TRUE	reported	igd	20.86 2606 07
423	ebi-a-GC ST90027 693	12	2093 4000	0.112 98	0.02 4948 1	5.94E -06	7738	rs714 4672 3	A	G	0.124 427	TRUE	reported	igd	20.50 8230 43
424	ebi-a-GC ST90027	13	6533 3539	-0.174 504	0.03 9024	7.76E -06	7738	rs956 4193	G	A	0.050 8343	TRUE	reported	igd	19.99 5982

	693				2										83
425	ebi-a-GC ST90027 693	20	5237 8642	0.135 832	0.03 0620 8	9.17E -06	7738	rs130 4512 1	T	C	0.088 4981	TRUE	reported	igd	19.67 7554 54
426	ebi-a-GC ST90027 694	2	2289 1219 4	0.074 2452	0.01 6781	9.67E -06	7738	rs429 4998	C	A	0.505 929	TRUE	reported	igd	19.57 4969 23
427	ebi-a-GC ST90027 694	2	1375 3690 4	-0.081 979	0.01 6690 6	9.03E -07	7738	rs246 5095	G	A	0.417 237	TRUE	reported	igd	24.12 4667 4
428	ebi-a-GC ST90027 694	2	2008 8106 7	0.082 9122	0.01 8015 1	4.18E -06	7738	rs310 6091	C	T	0.680 953	TRUE	reported	igd	21.18 1832 21
429	ebi-a-GC ST90027 694	4	2706 103	0.074 9687	0.01 6886 5	9.01E -06	7738	rs557 1204 2	G	A	0.536 767	TRUE	reported	igd	19.70 9729 83
430	ebi-a-GC ST90027 694	7	3613 4000	0.131 146	0.02 9612 4	9.48E -06	7738	rs270 0958	A	G	0.091 2533	TRUE	reported	igd	19.61 3851 54
431	ebi-a-GC ST90027 694	16	7366 0160	0.086 5939	0.01 7838 8	1.21E -06	7738	rs124 4908 0	G	C	0.664 356	TRUE	reported	igd	23.56 3691 41
432	ebi-a-GC ST90027 694	17	3615 6378	-0.097 9854	0.02 1563 4	5.52E -06	7738	rs200 8778	A	C	0.219 845	TRUE	reported	igd	20.64 8488 28

433	ebi-a-GC ST90027 694	17	6567 9135	-0.165 344	0.03 7008 5	7.91E -06	7738	rs126 0262 5	C	G	0.058 124	TRUE	reported	igd	19.96 0614 8
434	ebi-a-GC ST90027 694	19	4690 8968	0.091 0549	0.02 0410 1	8.15E -06	7738	rs354 4551 8	C	A	0.769 202	TRUE	reported	igd	19.90 2900 8
435	ebi-a-GC ST90027 695	1	1754 1528 5	0.136 187	0.02 9687 9	4.49E -06	7738	rs783 3579 3	T	C	0.094 9423	TRUE	reported	igd	21.04 3227 45
436	ebi-a-GC ST90027 695	2	1277 7237 3	-0.079 0905	0.01 7334	5.05E -06	7738	rs673 9644 1	T	C	0.385 942	TRUE	reported	igd	20.81 8577 8
437	ebi-a-GC ST90027 695	2	3806 3634	0.153 567	0.03 3345 6	4.12E -06	7738	rs621 3585 6	A	G	0.077 6336	TRUE	reported	igd	21.20 8928 5
438	ebi-a-GC ST90027 695	3	1094 3529 2	-0.189 927	0.04 2722 2	8.76E -06	7738	rs115 0040 61	T	C	0.050 6658	TRUE	reported	igd	19.76 3606 54
439	ebi-a-GC ST90027 695	4	1064 3381 4	-0.158 181	0.03 4051 2	3.39E -06	7738	rs100 2678 7	C	T	0.069 8756	TRUE	reported	igd	21.57 9619 88
440	ebi-a-GC ST90027 695	4	3261 6774	0.082 9432	0.01 7974 1	3.94E -06	7738	rs988 4588	T	C	0.370 832	TRUE	reported	igd	21.29 4491 13
441	ebi-a-GC	6	1679	-0.109	0.02	1.55E	7738	rs692	C	T	0.253	TRUE	reported	igd	27.52

	ST90027 695		3998 2	842	0936 4	-07		0861			827				5349 98
442	ebi-a-GC ST90027 695	8	3804 085	0.169 254	0.03 4949 3	1.28E -06	7738	rs744 4886 7	G	A	0.068 5882	TRUE	reported	igd	23.45 3135 84
443	ebi-a-GC ST90027 695	9	7923 4647	0.100 913	0.02 2259 6	5.80E -06	7738	rs700 801	A	G	0.813 13	TRUE	reported	igd	20.55 2257 04
444	ebi-a-GC ST90027 695	12	3103 3659	0.177 111	0.04 0040 5	9.72E -06	7738	rs118 1833 16	A	G	0.051 7068	TRUE	reported	igd	19.56 5551 15
445	ebi-a-GC ST90027 695	14	1047 6770 3	0.081 4204	0.01 8391 7	9.55E -06	7738	rs118 5103 7	T	C	0.318 062	TRUE	reported	igd	19.59 8494 65
446	ebi-a-GC ST90027 695	15	7731 4031	-0.107 635	0.02 2471 8	1.67E -06	7738	rs802 9854	C	T	0.811 072	TRUE	reported	igd	22.94 2001 74
447	ebi-a-GC ST90027 695	15	1019 0270 0	0.094 1197	0.02 0592 7	4.86E -06	7738	rs107 8988	C	T	0.257 608	TRUE	reported	igd	20.88 9809 68
448	ebi-a-GC ST90027 695	22	4525 6730	0.161 612	0.03 5009 1	3.91E -06	7738	rs344 3763 5	T	C	0.072 341	TRUE	reported	igd	21.31 0091 63
449	ebi-a-GC ST90027	4	1771 5719	0.194 892	0.04 1498	2.65E -06	7738	rs752 3863	A	G	0.085 6002	TRUE	reported	igd	22.05 5714

	696		2		6			5							61
450	ebi-a-GC ST90027 696	7	1474 8625 0	-0.138 203	0.03 0528 7	5.98E -06	7738	rs112 4282 03	T	C	0.174 616	TRUE	reported	igd	20.49 3602 99
451	ebi-a-GC ST90027 696	11	4736 3215	-0.122 751	0.02 4140 8	3.68E -07	7738	rs269 7923	T	G	0.651 908	TRUE	reported	igd	25.85 5132 13
452	ebi-a-GC ST90027 696	12	2034 7763	-0.134 295	0.02 8987 9	3.61E -06	7738	rs189 6610	A	G	0.202 817	TRUE	reported	igd	21.46 2790 09
453	ebi-a-GC ST90027 696	13	5932 9981	0.171 616	0.03 3486 8	2.98E -07	7738	rs795 9495 2	G	A	0.146 863	TRUE	reported	igd	26.26 4446 56
454	ebi-a-GC ST90027 696	17	2106 2412	-0.125 955	0.02 3710 3	1.08E -07	7738	rs122 3248 4	C	T	0.445 343	TRUE	reported	igd	28.21 9981 61
455	ebi-a-GC ST90027 696	19	2179 9037	0.114 302	0.02 4484	3.03E -06	7738	rs124 6338 4	A	C	0.373 021	TRUE	reported	igd	21.79 4299 63
456	ebi-a-GC ST90027 697	2	2390 6289 8	-0.092 7844	0.02 0978 2	9.74E -06	7738	rs935 417	T	A	0.725 202	TRUE	reported	igd	19.56 2010 35
457	ebi-a-GC ST90027 697	4	1874 4896 0	0.157 775	0.03 0969 4	3.50E -07	7738	rs283 7614 9	T	C	0.097 5091	TRUE	reported	igd	25.95 4388 12

458	ebi-a-GC ST90027 697	5	3183 6038	0.147 009	0.03 2731 7	7.08E -06	7738	rs175 0795 1	A	T	0.080 8123	TRUE	reported	igd	20.17 2081 9
459	ebi-a-GC ST90027 697	6	1592 5726 0	-0.143 232	0.03 221	8.72E -06	7738	rs310 3001	A	G	0.079 5639	TRUE	reported	igd	19.77 4188 18
460	ebi-a-GC ST90027 697	6	1137 8605 2	-0.092 9431	0.01 8446 4	4.69E -07	7738	rs580 4587 1	A	G	0.331 563	TRUE	reported	igd	25.38 6981 34
461	ebi-a-GC ST90027 697	7	1719 2045	-0.119 584	0.02 5812	3.61E -06	7738	rs646 1301	T	G	0.141 321	TRUE	reported	igd	21.46 3613 51
462	ebi-a-GC ST90027 697	8	3925 283	0.083 5739	0.01 8521 1	6.41E -06	7738	rs103 5637	G	A	0.655 61	TRUE	reported	igd	20.36 1407
463	ebi-a-GC ST90027 697	9	1230 7408	0.110 016	0.02 4263 6	5.78E -06	7738	rs714 9203 4	G	A	0.157 811	TRUE	reported	igd	20.55 8963 99
464	ebi-a-GC ST90027 697	10	6837 2621	-0.080 6683	0.01 7614 5	4.66E -06	7738	rs260 5503	T	C	0.524 082	TRUE	reported	igd	20.97 3222 76
465	ebi-a-GC ST90027 697	12	1041 4554 6	-0.169 244	0.03 6469 4	3.47E -06	7738	rs237 4247	T	C	0.935 409	TRUE	reported	igd	21.53 6212 39
466	ebi-a-GC	12	2053	0.081	0.01	3.31E	7738	rs729	G	A	0.498	TRUE	reported	igd	21.62

	ST90027 697		076	2445	747	-06		8214			55				7291 34
467	ebi-a-GC ST90027 698	3	1751 9549 0	0.148 535	0.03 3314 8	8.25E -06	7738	rs168 4817 4	G	C	0.067 5263	TRUE	reported	igd	19.87 8480 33
468	ebi-a-GC ST90027 698	5	1767 5795 0	-0.116 962	0.02 5737 2	5.51E -06	7738	rs126 5720 6	A	G	0.131 426	TRUE	reported	igd	20.65 2231 14
469	ebi-a-GC ST90027 698	6	1665 3134 5	0.081 9775	0.01 7821 8	4.23E -06	7738	rs691 0508	A	G	0.324 371	TRUE	reported	igd	21.15 8564 93
470	ebi-a-GC ST90027 698	7	1045 0054 9	0.088 0518	0.01 9004 9	3.60E -06	7738	rs177 0679 2	G	A	0.283 512	TRUE	reported	igd	21.46 5712 06
471	ebi-a-GC ST90027 698	9	9706 1771	0.077 6497	0.01 7085 7	5.50E -06	7738	rs940 9512	A	G	0.400 457	TRUE	reported	igd	20.65 4467 91
472	ebi-a-GC ST90027 698	10	3648 7049	0.097 2865	0.02 1841 2	8.42E -06	7738	rs315 588	T	C	0.183 821	TRUE	reported	igd	19.84 0479 66
473	ebi-a-GC ST90027 698	10	2986 6909	0.076 4387	0.01 6840 8	5.65E -06	7738	rs966 3125	T	G	0.434 982	TRUE	reported	igd	20.60 1609 37
474	ebi-a-GC ST90027	11	1023 5752	0.092 8494	0.02 0564	6.33E -06	7738	rs541 877	G	A	0.209 692	TRUE	reported	igd	20.38 6119

	698		9		2										48
475	ebi-a-GC ST90027 698	11	1391 8589	0.113 252	0.02 4044 3	2.48E -06	7738	rs562 3820 6	A	G	0.144 301	TRUE	reported	igd	22.18 5411 3
476	ebi-a-GC ST90027 698	11	1304 4820 9	0.128 011	0.02 8424 3	6.68E -06	7738	rs116 0338 9	G	C	0.096 049	TRUE	reported	igd	20.28 2198 28
477	ebi-a-GC ST90027 698	17	4827 3903	-0.128 672	0.02 8157 5	4.88E -06	7738	rs176 3944 6	C	A	0.121 318	TRUE	reported	igd	20.88 2376 29
478	ebi-a-GC ST90027 698	19	4691 0130	0.081 3916	0.01 7967 1	5.90E -06	7738	rs110 8382 4	G	C	0.650 56	TRUE	reported	igd	20.52 1221 21
479	ebi-a-GC ST90027 698	21	2912 6637	-0.101 857	0.02 1791 2	2.95E -06	7738	rs108 5430 3	G	A	0.809 31	TRUE	reported	igd	21.84 8391 44
480	ebi-a-GC ST90027 699	2	2735 6929	0.114 019	0.02 5727 1	9.34E -06	7738	rs728 1071 1	C	G	0.264 503	TRUE	reported	igd	19.64 1415 65
481	ebi-a-GC ST90027 699	2	1008 6506	-0.157 352	0.03 3148 9	2.07E -06	7738	rs891 501	T	G	0.858 175	TRUE	reported	igd	22.53 2339 78
482	ebi-a-GC ST90027 699	3	7170 6327	-0.156 448	0.03 5146 2	8.53E -06	7738	rs704 272	C	T	0.800 105	TRUE	reported	igd	19.81 4507 36

483	ebi-a-GC ST90027 699	3	1798 8936 1	0.219 253	0.04 9180 2	8.27E -06	7738	rs115 3095 09	A	T	0.061 4025	TRUE	reported	igd	19.87 5154 25
484	ebi-a-GC ST90027 699	4	1612 3366 2	0.141 604	0.03 0424	3.25E -06	7738	rs288 2286	G	A	0.159 538	TRUE	reported	igd	21.66 2990 93
485	ebi-a-GC ST90027 699	5	7566 9542	0.113 643	0.02 4338 1	3.02E -06	7738	rs246 783	G	A	0.578 874	TRUE	reported	igd	21.80 2788 28
486	ebi-a-GC ST90027 699	7	1012 4540 3	0.121 662	0.02 6254 3	3.59E -06	7738	rs646 5823	T	G	0.752 057	TRUE	reported	igd	21.47 3805 55
487	ebi-a-GC ST90027 699	8	1404 4231 7	-0.202 035	0.04 5734	9.98E -06	7738	rs614 0778 9	A	G	0.068 9527	TRUE	reported	igd	19.51 5282 8
488	ebi-a-GC ST90027 699	9	1051 4267 3	0.112 996	0.02 2407 6	4.59E -07	7738	rs107 6088 5	A	T	0.527 096	TRUE	reported	igd	25.42 9361 36
489	ebi-a-GC ST90027 699	12	1210 5304 4	0.110 515	0.02 3735 3	3.22E -06	7738	rs476 7918	C	T	0.429 707	TRUE	reported	igd	21.67 9686 88
490	ebi-a-GC ST90027 699	14	9439 4345	0.100 351	0.02 2639 8	9.31E -06	7738	rs128 9513 4	A	G	0.555 549	TRUE	reported	igd	19.64 7090 12
491	ebi-a-GC	2	1392	-0.166	0.03	8.33E	7738	rs674	G	A	0.935	TRUE	reported	igd	19.86

	ST90027 700		9603 7	005	7250 2	-06		5806			49				0268 71
492	ebi-a-GC ST90027 700	2	1805 8370 9	-0.154 653	0.03 3769 9	4.66E -06	7738	rs792 1696 3	A	T	0.100 826	TRUE	reported	igd	20.97 2835 42
493	ebi-a-GC ST90027 700	8	1799 1955	0.092 8319	0.02 0476 4	5.80E -06	7738	rs450 3137	T	G	0.717 768	TRUE	reported	igd	20.55 3570 12
494	ebi-a-GC ST90027 700	9	3559 7685	0.182 533	0.04 0549 5	6.75E -06	7738	rs139 9014 50	T	C	0.055 4398	TRUE	reported	igd	20.26 3374 75
495	ebi-a-GC ST90027 700	9	9444 3717	0.132 515	0.02 9148 9	5.46E -06	7738	rs736 5402 7	C	G	0.114 751	TRUE	reported	igd	20.66 7395 06
496	ebi-a-GC ST90027 700	13	2248 9847	-0.120 35	0.02 7035 4	8.52E -06	7738	rs742 3964 8	T	C	0.154 67	TRUE	reported	igd	19.81 6483 51
497	ebi-a-GC ST90027 700	13	1002 1744 0	-0.110 907	0.02 4911 4	8.50E -06	7738	rs951 7773	G	A	0.189 38	TRUE	reported	igd	19.82 0821 27
498	ebi-a-GC ST90027 700	22	2371 5418	0.097 8385	0.01 9852 1	8.29E -07	7738	rs233 0438	A	T	0.517 879	TRUE	reported	igd	24.28 8833 8
499	ebi-a-GC ST90027	22	2778 3185	0.087 569	0.01 8394	1.93E -06	7738	rs600 5414	A	G	0.508 609	TRUE	reported	igd	22.66 2400

	700				9										91
500	ebi-a-GC ST90027 701	1	3205 7186	-0.077 65	0.01 7274 4	6.95E -06	7738	rs494 9447	G	A	0.683 099	TRUE	reported	igd	20.20 5843 11
501	ebi-a-GC ST90027 701	1	4741 3786	0.092 2835	0.01 9643 6	2.63E -06	7738	rs112 1140 6	A	C	0.789 079	TRUE	reported	igd	22.07 0183 84
502	ebi-a-GC ST90027 701	2	5285 1073	0.075 2991	0.01 6671 4	6.28E -06	7738	rs952 822	A	G	0.379 853	TRUE	reported	igd	20.40 0247 07
503	ebi-a-GC ST90027 701	3	7115 6340	-0.086 4468	0.01 9292 6	7.43E -06	7738	rs831 440	T	C	0.766 65	TRUE	reported	igd	20.07 7809 22
504	ebi-a-GC ST90027 701	5	1777 4634 5	0.172 349	0.03 0776 7	2.14E -08	7738	rs733 4486 9	T	C	0.074 5717	TRUE	reported	igd	31.35 9810 77
505	ebi-a-GC ST90027 701	7	7932 8573	-0.146 726	0.03 1547 4	3.30E -06	7738	rs246 5506	T	C	0.929 491	TRUE	reported	igd	21.63 1518 7
506	ebi-a-GC ST90027 701	11	6669 0149	0.088 9157	0.02 0003 7	8.79E -06	7738	rs744 5957 3	C	T	0.199 37	TRUE	reported	igd	19.75 7693 24
507	ebi-a-GC ST90027 701	11	3584 7569	-0.099 8828	0.02 2398 1	8.22E -06	7738	rs618 8130 0	T	C	0.159 687	TRUE	reported	igd	19.88 6532 22

508	ebi-a-GC ST90027 701	12	7253 2501	0.172 345	0.03 8862 7	9.22E -06	7738	rs773 1837 0	G	A	0.054 3052	TRUE	reported	igd	19.66 6697 44
509	ebi-a-GC ST90027 701	13	2475 3101	0.089 7462	0.01 9963 3	6.94E -06	7738	rs951 1112	G	A	0.767 59	TRUE	reported	igd	20.21 0053 88
510	ebi-a-GC ST90027 701	20	1564 9074	-0.071 2291	0.01 6080 1	9.44E -06	7738	rs613 1687	A	G	0.476 825	TRUE	reported	igd	19.62 1735 78
511	ebi-a-GC ST90027 702	1	1871 2328	-0.183 246	0.04 0607 5	6.40E -06	7738	rs668 4536	T	C	0.245 857	TRUE	reported	igd	20.36 3691 11
512	ebi-a-GC ST90027 702	4	5356 3365	0.353 483	0.07 6610 3	3.95E -06	7738	rs112 2419 99	T	C	0.073 1481	TRUE	reported	igd	21.28 9366 49
513	ebi-a-GC ST90027 702	4	3267 074	0.293 76	0.06 4539 4	5.32E -06	7738	rs313 5176	C	T	0.092 1269	TRUE	reported	igd	20.71 7410 52
514	ebi-a-GC ST90027 702	4	1498 4154 0	-0.175 687	0.03 8578 9	5.26E -06	7738	rs768 3225 6	C	T	0.263 946	TRUE	reported	igd	20.73 8606 58
515	ebi-a-GC ST90027 702	5	1001 0335 8	0.166 232	0.03 6698 5	5.91E -06	7738	rs278 502	G	A	0.333 772	TRUE	reported	igd	20.51 7886 98
516	ebi-a-GC	6	1558	-0.274	0.06	6.90E	7738	rs122	A	T	0.124	TRUE	reported	igd	20.22

	ST90027 702		3641 5	687	1085 7	-06		0403 1			723				0742 68
517	ebi-a-GC ST90027 702	10	7998 6352	0.155 861	0.03 5236 7	9.72E -06	7738	rs114 9732	T	C	0.383 414	TRUE	reported	igd	19.56 5207 53
518	ebi-a-GC ST90027 702	12	1625 6537	0.160 911	0.03 5888	7.34E -06	7738	rs259 8336	C	G	0.593 418	TRUE	reported	igd	20.10 3559 29
519	ebi-a-GC ST90027 702	12	1989 9635	-0.275 35	0.06 1717 9	8.14E -06	7738	rs174 5733 1	G	T	0.092 7686	TRUE	reported	igd	19.90 4344 55
520	ebi-a-GC ST90027 702	13	1090 0185 0	0.180 766	0.03 6492 8	7.29E -07	7738	rs955 9303	T	C	0.363 102	TRUE	reported	igd	24.53 6867 75
521	ebi-a-GC ST90027 702	14	4251 7765	0.174 465	0.03 8246 3	5.08E -06	7738	rs341 8536 3	A	T	0.300 908	TRUE	reported	igd	20.80 8356 27
522	ebi-a-GC ST90027 702	14	7318 2541	-0.185 244	0.03 7877 8	1.01E -06	7738	rs233 2915	C	G	0.378 703	TRUE	reported	igd	23.91 7666 57
523	ebi-a-GC ST90027 703	3	1042 8448 3	-0.126	0.02 7926 7	6.43E -06	7738	rs982 8991	T	A	0.701 253	TRUE	reported	igd	20.35 6441
524	ebi-a-GC ST90027	6	1175 4609	-0.119 298	0.02 5863	3.98E -06	7738	rs939 8452	G	C	0.369 284	TRUE	reported	igd	21.27 5921

	703		0		6										33
525	ebi-a-GC ST90027 703	6	1681 5883 6	-0.131 345	0.02 8564 8	4.26E -06	7738	rs528 874	G	T	0.261 693	TRUE	reported	igd	21.14 2907 73
526	ebi-a-GC ST90027 703	7	1008 5378	0.150 637	0.03 2177 7	2.85E -06	7738	rs288 2716	T	G	0.191 459	TRUE	reported	igd	21.91 5597 68
527	ebi-a-GC ST90027 703	7	1227 8383 9	0.208 638	0.04 1854 2	6.20E -07	7738	rs734 4794 0	A	C	0.102 253	TRUE	reported	igd	24.84 8989 43
528	ebi-a-GC ST90027 703	9	7870 9777	-0.153 647	0.03 3370 6	4.14E -06	7738	rs123 4557 0	T	C	0.167 242	TRUE	reported	igd	21.19 9232 57
529	ebi-a-GC ST90027 703	10	5993 461	0.217 428	0.04 7780 8	5.35E -06	7738	rs412 9402 9	T	C	0.081 7161	TRUE	reported	igd	20.70 7330 17
530	ebi-a-GC ST90027 703	14	8066 2335	0.123 635	0.02 6731 4	3.74E -06	7738	rs560 2550 6	T	C	0.333 398	TRUE	reported	igd	21.39 1412 24
531	ebi-a-GC ST90027 703	16	6040 7480	0.148 014	0.03 1135 6	2.00E -06	7738	rs190 1115	T	C	0.800 504	TRUE	reported	igd	22.59 9098 35
532	ebi-a-GC ST90027 703	20	5547 2884	0.128 998	0.02 7644 2	3.07E -06	7738	rs348 2933 9	C	T	0.289 818	TRUE	reported	igd	21.77 4986 85

533	ebi-a-GC ST90027 703	21	4301 8030	-0.123 001	0.02 7343 6	6.85E -06	7738	rs389 2326	C	T	0.480 177	TRUE	reported	igd	20.23 5125 39
534	ebi-a-GC ST90027 704	1	2198 5921 0	0.137 725	0.02 8728 3	1.63E -06	7738	rs157 2504	T	C	0.211 309	TRUE	reported	igd	22.98 2946 57
535	ebi-a-GC ST90027 704	2	8281 2545	0.220 647	0.04 7628 2	3.61E -06	7738	rs176 2662 1	T	G	0.067 9745	TRUE	reported	igd	21.46 1877 75
536	ebi-a-GC ST90027 704	4	2975 9187	0.248 981	0.05 0877 9	9.90E -07	7738	rs285 7701 8	G	A	0.057 4032	TRUE	reported	igd	23.94 8265 21
537	ebi-a-GC ST90027 704	4	1408 1901 6	0.160 604	0.03 5235 8	5.16E -06	7738	rs153 1069	C	G	0.862 372	TRUE	reported	igd	20.77 5163 13
538	ebi-a-GC ST90027 704	6	1439 5373	0.169 314	0.03 6964 7	4.64E -06	7738	rs119 6966 0	T	C	0.110 762	TRUE	reported	igd	20.98 0284 26
539	ebi-a-GC ST90027 704	8	8904 6119	-0.108 23	0.02 3312 6	3.44E -06	7738	rs101 0627 5	A	G	0.436 153	TRUE	reported	igd	21.55 3305 9
540	ebi-a-GC ST90027 704	12	9420 0011	-0.112 79	0.02 4202 5	3.16E -06	7738	rs558 3401 2	C	A	0.365 659	TRUE	reported	igd	21.71 8045 35
541	ebi-a-GC	15	1002	0.133	0.02	6.90E	7738	rs129	A	T	0.230	TRUE	reported	igd	20.21

	ST90027 704		8419 4	192	9620 7	-06		1382 2			806				9278 09
542	ebi-a-GC ST90027 704	15	4276 9334	-0.195 57	0.04 3073 7	5.62E -06	7738	rs111 6047 29	T	C	0.084 8386	TRUE	reported	igd	20.61 4846 89
543	ebi-a-GC ST90027 704	16	8611 717	0.149 553	0.02 9476 4	3.90E -07	7738	rs129 3221 0	T	G	0.219 233	TRUE	reported	igd	25.74 1946 06
544	ebi-a-GC ST90027 704	17	7614 0308	0.120 874	0.02 7101 8	8.20E -06	7738	rs721 4893	A	G	0.261 969	TRUE	reported	igd	19.89 1590 78
545	ebi-a-GC ST90027 705	3	2932 365	-0.178 66	0.03 9366 5	5.67E -06	7738	rs130 6192 8	G	A	0.192 297	TRUE	reported	igd	20.59 6861 6
546	ebi-a-GC ST90027 705	3	5579 6723	0.148 681	0.03 3396 1	8.51E -06	7738	rs984 8037	G	A	0.739 047	TRUE	reported	igd	19.82 0720 67
547	ebi-a-GC ST90027 705	11	3960 3353	-0.150 339	0.03 2991 9	5.19E -06	7738	rs775 4495 9	A	G	0.285 411	TRUE	reported	igd	20.76 4843 38
548	ebi-a-GC ST90027 705	12	5732 2492	-0.181 354	0.03 6979 8	9.38E -07	7738	rs187 2436	T	C	0.191 344	TRUE	reported	igd	24.05 0558 27
549	ebi-a-GC ST90027	22	4849 2960	-0.168 458	0.03 7920	8.90E -06	7738	rs576 8347	G	T	0.823 431	TRUE	reported	igd	19.73 4598

	705				8										66
550	ebi-a-GC ST90027 706	3	1685 8770 9	-0.125 347	0.02 6692 4	2.65E -06	7738	rs677 8836	A	T	0.722 67	TRUE	reported	igd	22.05 2236 41
551	ebi-a-GC ST90027 706	3	1905 4861 3	-0.121 916	0.02 7347 3	8.27E -06	7738	rs929 0954	A	G	0.275 764	TRUE	reported	igd	19.87 4330 19
552	ebi-a-GC ST90027 706	4	1638 2262 3	0.261 818	0.05 7915 1	6.16E -06	7738	rs752 0263 7	G	A	0.063 7073	TRUE	reported	igd	20.43 6916 99
553	ebi-a-GC ST90027 706	7	1345 4992 7	0.132 083	0.02 8060 4	2.51E -06	7738	rs102 3667 8	A	G	0.747 711	TRUE	reported	igd	22.15 6753 89
554	ebi-a-GC ST90027 706	7	2964 863	-0.140 384	0.03 0959 9	5.78E -06	7738	rs118 2140	G	A	0.801 962	TRUE	reported	igd	20.56 0616 23
555	ebi-a-GC ST90027 706	7	5042 4061	-0.120 812	0.02 6652 9	5.82E -06	7738	rs779 0846	G	A	0.722 492	TRUE	reported	igd	20.54 6185 66
556	ebi-a-GC ST90027 706	8	7443 4869	0.121 141	0.02 5352	1.77E -06	7738	rs442 4244	C	T	0.352 337	TRUE	reported	igd	22.83 2730 8
557	ebi-a-GC ST90027 706	13	3438 2060	0.110 457	0.02 3739 5	3.27E -06	7738	rs799 0301	T	C	0.536 36	TRUE	reported	igd	21.64 9274 75

558	ebi-a-GC ST90027 706	16	2630 4777	0.129 592	0.02 8421 8	5.12E -06	7738	rs110 7476 6	T	C	0.243 533	TRUE	reported	igd	20.78 9939 56
559	ebi-a-GC ST90027 707	7	1577 6571	0.154 234	0.03 4301 5	6.91E -06	7738	rs194 2648	T	C	0.060 6979	TRUE	reported	igd	20.21 7805 76
560	ebi-a-GC ST90027 707	8	7435 0499	-0.084 435	0.01 6418 4	2.71E -07	7738	rs172 1825 6	G	C	0.446 303	TRUE	reported	igd	26.44 7422 38
561	ebi-a-GC ST90027 707	8	1391 7534 9	-0.082 4794	0.01 8277 4	6.40E -06	7738	rs389 8456	T	C	0.358 345	TRUE	reported	igd	20.36 3956 14
562	ebi-a-GC ST90027 707	12	4076 7990	0.075 7262	0.01 6982 8	8.23E -06	7738	rs411 3953	C	G	0.656 12	TRUE	reported	igd	19.88 2625 76
563	ebi-a-GC ST90027 707	13	7546 3070	0.077 0856	0.01 6438 2	2.74E -06	7738	rs960 0403	C	A	0.455 977	TRUE	reported	igd	21.99 0646 33
564	ebi-a-GC ST90027 707	18	3384 9043	0.104 747	0.02 2906 2	4.81E -06	7738	rs225 2668	A	G	0.845 037	TRUE	reported	igd	20.91 1110 17
565	ebi-a-GC ST90027 707	20	5030 6527	-0.084 2745	0.01 8032 8	2.96E -06	7738	rs602 1384	C	T	0.291 772	TRUE	reported	igd	21.84 0674 03
566	ebi-a-GC	2	4603	0.086	0.01	9.43E	7738	rs759	A	G	0.498	TRUE	reported	igd	24.04

	ST90027 708		3598	3719	7615 3	-07		1885			302				1682 57
567	ebi-a-GC ST90027 708	3	1088 5748 1	-0.104 324	0.02 3517	9.16E -06	7738	rs776 2311 6	G	T	0.166 28	TRUE	reported	igd	19.67 9072 36
568	ebi-a-GC ST90027 708	3	1750 8916 4	-0.092 1632	0.02 0827 4	9.64E -06	7738	rs287 6297 4	G	C	0.255 953	TRUE	reported	igd	19.58 1455 73
569	ebi-a-GC ST90027 708	3	1976 8416 6	-0.082 4391	0.01 7912 8	4.18E -06	7738	rs678 3841	A	C	0.413 128	TRUE	reported	igd	21.18 0662
570	ebi-a-GC ST90027 708	3	5217 0862	0.102 041	0.02 1897 1	3.16E -06	7738	rs680 9294	C	G	0.223 829	TRUE	reported	igd	21.71 5818 77
571	ebi-a-GC ST90027 708	6	1649 7617 2	0.080 9908	0.01 8320 1	9.83E -06	7738	rs945 9138	T	C	0.667 501	TRUE	reported	igd	19.54 4100 97
572	ebi-a-GC ST90027 708	8	3136 731	-0.078 3752	0.01 7581 9	8.28E -06	7738	rs699 0479	A	G	0.370 348	TRUE	reported	igd	19.87 1274 05
573	ebi-a-GC ST90027 708	8	3422 401	-0.097 1939	0.02 1087	4.04E -06	7738	rs624 7583 1	G	A	0.231 695	TRUE	reported	igd	21.24 4593 32
574	ebi-a-GC ST90027	9	9210 3552	0.102 848	0.02 3149	8.88E -06	7738	rs625 5117	C	T	0.175 177	TRUE	reported	igd	19.73 7901

	708				7			8							02
575	ebi-a-GC ST90027 708	14	9162 1098	0.165 522	0.03 6826	6.97E -06	7738	rs740 8397 8	C	G	0.058 2206	TRUE	reported	igd	20.20 2371 49
576	ebi-a-GC ST90027 708	15	6876 0516	-0.135 913	0.02 9633	4.51E -06	7738	rs212 0865	G	A	0.098 766	TRUE	reported	igd	21.03 6367 8
577	ebi-a-GC ST90027 708	16	8437 4241	0.085 0847	0.01 8256 3	3.15E -06	7738	rs444 5887	T	C	0.582 531	TRUE	reported	igd	21.72 088
578	ebi-a-GC ST90027 709	1	5205 3017	0.423 935	0.08 7409 5	1.23E -06	7738	rs111 5441 41	T	A	0.050 2198	TRUE	reported	igd	23.52 2380 71
579	ebi-a-GC ST90027 709	3	7396 5973	-0.192 549	0.04 1412 2	3.33E -06	7738	rs177 0967 3	T	C	0.332 319	TRUE	reported	igd	21.61 8518 53
580	ebi-a-GC ST90027 709	3	4215 9351	-0.171 168	0.03 874	9.94E -06	7738	rs497 4008	C	T	0.633 833	TRUE	reported	igd	19.52 2072 43
581	ebi-a-GC ST90027 709	6	1666 7559 1	-0.201 594	0.04 1868 3	1.47E -06	7738	rs945 9627	T	C	0.299 709	TRUE	reported	igd	23.18 3796 15
582	ebi-a-GC ST90027 709	7	2038 0184	0.299 894	0.06 4350 4	3.16E -06	7738	rs380 7927	T	A	0.091 7186	TRUE	reported	igd	21.71 8661 28

583	ebi-a-GC ST90027 709	8	1677 1538	0.389 432	0.08 6637 1	6.96E -06	7738	rs138 9373	T	G	0.947 478	TRUE	reported	igd	20.20 4841 91
584	ebi-a-GC ST90027 709	14	4846 5864	-0.226 361	0.04 9985 6	5.94E -06	7738	rs176 9219 1	A	G	0.173 258	TRUE	reported	igd	20.50 7531 57
585	ebi-a-GC ST90027 709	14	9072 4923	-0.195 869	0.03 9973 6	9.59E -07	7738	rs490 4659	A	C	0.358 047	TRUE	reported	igd	24.00 9597 94
586	ebi-a-GC ST90027 709	18	1243 1210	0.185 952	0.04 1466 6	7.31E -06	7738	rs165 2670	G	A	0.719 256	TRUE	reported	igd	20.10 9665 78
587	ebi-a-GC ST90027 709	22	1964 1083	0.257 556	0.05 0664 1	3.70E -07	7738	rs130 5504 9	C	T	0.168 505	TRUE	reported	igd	25.84 2985 2
588	ebi-a-GC ST90027 710	2	2410 8926 7	0.117 109	0.02 4666	2.06E -06	7738	rs104 6044 3	A	G	0.790 512	TRUE	reported	igd	22.54 1514 45
589	ebi-a-GC ST90027 710	2	2086 1748 2	-0.104 084	0.02 1161	8.71E -07	7738	rs176 3993 8	C	G	0.253 379	TRUE	reported	igd	24.19 3325 79
590	ebi-a-GC ST90027 710	3	1507 3761 9	-0.087 7806	0.01 8828 4	3.13E -06	7738	rs677 2892	G	T	0.401 758	TRUE	reported	igd	21.73 5531 17
591	ebi-a-GC	4	1824	-0.129	0.02	9.94E	7738	rs486	T	A	0.104	TRUE	reported	igd	19.52

	ST90027 710		8771 2	376	9280 5	-06		1985			904				3175 67
592	ebi-a-GC ST90027 710	5	3169 2115	0.085 617	0.01 9284 3	9.01E -06	7738	rs386 190	G	A	0.660 435	TRUE	reported	igd	19.71 1163 22
593	ebi-a-GC ST90027 710	7	1482 7341 1	0.119 186	0.02 6696 5	8.03E -06	7738	rs102 3454 1	T	C	0.137 348	TRUE	reported	igd	19.93 1584 91
594	ebi-a-GC ST90027 710	11	9585 3099	0.092 6298	0.02 0551 4	6.57E -06	7738	rs125 7767 9	C	T	0.249 141	TRUE	reported	igd	20.31 5084 28
595	ebi-a-GC ST90027 710	12	9515 2877	-0.162 048	0.03 6684 7	9.99E -06	7738	rs796 4677	G	A	0.937 754	TRUE	reported	igd	19.51 2701 77
596	ebi-a-GC ST90027 710	12	4058 7702	0.085 0511	0.01 8026 6	2.38E -06	7738	rs184 4921	C	T	0.463 661	TRUE	reported	igd	22.26 0362 15
597	ebi-a-GC ST90027 710	13	1037 5945 3	-0.099 3935	0.02 1296 8	3.06E -06	7738	rs172 7679 7	T	A	0.232 366	TRUE	reported	igd	21.78 1473 85
598	ebi-a-GC ST90027 710	20	2356 1732	-0.141 28	0.03 1937 5	9.70E -06	7738	rs117 8178 22	G	A	0.084 4267	TRUE	reported	igd	19.56 8590 16
599	ebi-a-GC ST90027	1	2443 9921	-0.075 8303	0.01 6946	7.65E -06	7738	rs109 2717	T	A	0.578 802	TRUE	reported	igd	20.02 3541

	711		4		2			6							53
600	ebi-a-GC ST90027 711	1	8823 6250	0.102 895	0.02 3198	9.19E -06	7738	rs563 9862 1	T	C	0.152 007	TRUE	reported	igd	19.67 3763 88
601	ebi-a-GC ST90027 711	1	1085 1150 1	-0.104 495	0.01 9600 8	9.76E -08	7738	rs404 634	C	T	0.748 588	TRUE	reported	igd	28.42 1266 44
602	ebi-a-GC ST90027 711	1	6152 3170	-0.135 65	0.02 9412 1	3.99E -06	7738	rs744 4828 3	T	C	0.089 5522	TRUE	reported	igd	21.27 0981 43
603	ebi-a-GC ST90027 711	2	7117 1545	-0.115 888	0.02 5440 4	5.23E -06	7738	rs670 9529	G	C	0.137 948	TRUE	reported	igd	20.75 0523 84
604	ebi-a-GC ST90027 711	4	4698 0679	0.077 91	0.01 7229 3	6.13E -06	7738	rs131 3295 3	T	G	0.465 268	TRUE	reported	igd	20.44 8014 41
605	ebi-a-GC ST90027 711	8	4518 456	0.093 164	0.02 0736 3	7.03E -06	7738	rs125 4134 2	G	A	0.221 209	TRUE	reported	igd	20.18 5230 76
606	ebi-a-GC ST90027 711	11	7064 2820	-0.090 6017	0.01 8956 9	1.76E -06	7738	rs156 2194	G	T	0.283 648	TRUE	reported	igd	22.84 2206 58
607	ebi-a-GC ST90027 711	13	1123 4986 9	-0.079 699	0.01 7251	3.84E -06	7738	rs956 0166	A	G	0.599 696	TRUE	reported	igd	21.34 4067 92

608	ebi-a-GC ST90027 712	1	6692 0064	0.085 0258	0.01 8683 2	5.34E -06	7738	rs112 0886 7	A	T	0.258 643	TRUE	reported	igd	20.71 0897 91
609	ebi-a-GC ST90027 712	2	1006 9326 4	-0.087 8675	0.01 8773 6	2.86E -06	7738	rs181 4009	A	G	0.261 238	TRUE	reported	igd	21.90 5916 07
610	ebi-a-GC ST90027 712	8	2931 3796	-0.132 618	0.02 4950 6	1.07E -07	7738	rs234 1789	C	T	0.878 336	TRUE	reported	igd	28.25 1594 27
611	ebi-a-GC ST90027 712	8	1355 4904 2	-0.078 6974	0.01 7589 5	7.67E -06	7738	rs211 9879	C	T	0.324 44	TRUE	reported	igd	20.01 7681 74
612	ebi-a-GC ST90027 712	14	9547 7213	0.086 2678	0.01 9118 7	6.42E -06	7738	rs657 5490	A	G	0.247 636	TRUE	reported	igd	20.36 0138 53
613	ebi-a-GC ST90027 712	16	7068 7185	-0.169 598	0.03 4842 2	1.13E -06	7738	rs771 9405 0	G	A	0.061 3003	TRUE	reported	igd	23.69 3559 73
614	ebi-a-GC ST90027 712	18	2457 913	-0.101 888	0.02 2727 3	7.36E -06	7738	rs615 7194 7	G	A	0.188 409	TRUE	reported	igd	20.09 7886 32
615	ebi-a-GC ST90027 713	2	1606 5886 3	0.074 4021	0.01 6108 6	3.86E -06	7738	rs130 1927 2	A	G	0.515 787	TRUE	reported	igd	21.33 3140 44
616	ebi-a-GC	3	7122	-0.152	0.03	5.68E	7738	rs731	G	A	0.061	TRUE	reported	igd	20.59

	ST90027 713		9328	218	3542 2	-06		0615 1			284				4390 08
617	ebi-a-GC ST90027 713	4	1606 4308 8	-0.114 005	0.02 5311 5	6.67E -06	7738	rs612 1779 6	G	A	0.119 451	TRUE	reported	igd	20.28 6729 2
618	ebi-a-GC ST90027 713	5	1182 5599 8	0.141 552	0.03 1837	8.74E -06	7738	rs126 5355 4	A	T	0.071 6253	TRUE	reported	igd	19.76 8228 16
619	ebi-a-GC ST90027 713	5	1677 0923 5	0.166 533	0.03 7084 3	7.10E -06	7738	rs117 4890 2	G	C	0.051 5241	TRUE	reported	igd	20.16 6031 44
620	ebi-a-GC ST90027 713	8	5634 9334	0.109 169	0.02 2263 9	9.42E -07	7738	rs781 9696	T	C	0.165 883	TRUE	reported	igd	24.04 3416 46
621	ebi-a-GC ST90027 713	9	8012 9910	-0.099 1024	0.01 9099 3	2.12E -07	7738	rs117 8901 0	C	T	0.241 16	TRUE	reported	igd	26.92 3619 45
622	ebi-a-GC ST90027 713	11	1341 6722 5	-0.076 6574	0.01 6778 1	4.90E -06	7738	rs125 8842	T	A	0.375 94	TRUE	reported	igd	20.87 4813 94
623	ebi-a-GC ST90027 713	13	1103 7046 4	-0.095 4725	0.01 9869 9	1.55E -06	7738	rs798 5034	C	T	0.239 139	TRUE	reported	igd	23.08 6879 01
624	ebi-a-GC ST90027	13	2904 8828	-0.112 351	0.02 4971	6.82E -06	7738	rs570 7015	C	A	0.120 797	TRUE	reported	igd	20.24 2684

	713				4			8							29
625	ebi-a-GC ST90027 713	14	8360 0010	-0.078 3426	0.01 7057 7	4.37E -06	7738	rs221 0174	T	C	0.628 314	TRUE	reported	igd	21.09 3809 38
626	ebi-a-GC ST90027 713	15	8934 0942	0.083 771	0.01 8465 2	5.71E -06	7738	rs669 7377 9	A	G	0.313 274	TRUE	reported	igd	20.58 1611 1
627	ebi-a-GC ST90027 713	16	1553 0454	-0.128 686	0.02 5842 9	6.37E -07	7738	rs740 4803	C	T	0.889 108	TRUE	reported	igd	24.79 5913 31
628	ebi-a-GC ST90027 713	18	7389 6030	-0.116 12	0.02 5734 5	6.41E -06	7738	rs729 6379 7	A	G	0.114 503	TRUE	reported	igd	20.36 0225 56
629	ebi-a-GC ST90027 714	2	5436 3878	-0.079 4866	0.01 7043 1	3.10E -06	7738	rs560 0193 9	C	T	0.362 334	TRUE	reported	igd	21.75 1572 39
630	ebi-a-GC ST90027 714	4	2785 0234	-0.110 31	0.02 3981 2	4.23E -06	7738	rs131 1942 3	C	A	0.139 999	TRUE	reported	igd	21.15 8649 63
631	ebi-a-GC ST90027 714	4	1816 5829 6	-0.111 752	0.02 5296 9	9.98E -06	7738	rs682 1986	T	C	0.118 369	TRUE	reported	igd	19.51 5334 55
632	ebi-a-GC ST90027 714	9	2180 8352	-0.158 274	0.03 5200 7	6.91E -06	7738	rs556 8237 5	A	G	0.067 4229	TRUE	reported	igd	20.21 6992 81

633	ebi-a-GC ST90027 714	11	5806 426	0.141 916	0.02 7228 7	1.87E -07	7738	rs107 6922 1	A	G	0.884 538	TRUE	reported	igd	27.16 4949 97
634	ebi-a-GC ST90027 714	16	8130 2009	0.093 6755	0.02 0061	3.02E -06	7738	rs124 4633 4	G	A	0.275 569	TRUE	reported	igd	21.80 4537 73
635	ebi-a-GC ST90027 714	19	3571 8076	-0.079 9638	0.01 6918 5	2.29E -06	7738	rs725 5582	T	C	0.411 214	TRUE	reported	igd	22.33 8969 6
636	ebi-a-GC ST90027 714	19	4579 3832	-0.082 9059	0.01 7674	2.72E -06	7738	rs348 6563 6	T	A	0.312 404	TRUE	reported	igd	22.00 3976 64
637	ebi-a-GC ST90027 714	20	1890 6606	0.087 3411	0.01 8519 7	2.40E -06	7738	rs110 8727 0	T	A	0.267 415	TRUE	reported	igd	22.24 1773 82
638	ebi-a-GC ST90027 715	1	2229 1100 2	-0.185 1	0.03 9359 6	2.57E -06	7738	rs618 2433 4	C	G	0.487 739	TRUE	reported	igd	22.11 6249 73
639	ebi-a-GC ST90027 715	3	1428 7082 1	-0.209 178	0.04 7052 7	8.76E -06	7738	rs644 0148	T	C	0.219 43	TRUE	reported	igd	19.76 3457 03
640	ebi-a-GC ST90027 715	5	1789 5409 8	0.242 648	0.05 2625 7	4.01E -06	7738	rs104 4858	C	G	0.183 805	TRUE	reported	igd	21.25 9725 89
641	ebi-a-GC	10	1880	-0.183	0.04	9.57E	7738	rs474	C	G	0.361	TRUE	reported	igd	19.59

	ST90027 715		1234	369	1423 2	-06		7349			615				5869 64
642	ebi-a-GC ST90027 715	17	7652 6048	0.206 123	0.04 3556 5	2.22E -06	7738	rs620 7588 5	A	G	0.272 05	TRUE	reported	igd	22.39 4788 25
643	ebi-a-GC ST90027 715	20	4936 7076	-0.183 345	0.04 0532 7	6.09E -06	7738	rs602 0721	G	T	0.341 522	TRUE	reported	igd	20.46 1010 25
644	ebi-a-GC ST90027 716	2	6577 5890	-0.076 066	0.01 6714 4	5.34E -06	7738	rs840 787	G	C	0.372 348	TRUE	reported	igd	20.71 0928 8
645	ebi-a-GC ST90027 716	4	3645 9051	-0.127 347	0.02 6462 8	1.49E -06	7738	rs617 9821 6	G	A	0.113 551	TRUE	reported	igd	23.15 8255 86
646	ebi-a-GC ST90027 716	6	1021 2884 3	0.145 198	0.03 2165	6.36E -06	7738	rs121 9702 8	G	A	0.085 9036	TRUE	reported	igd	20.37 7652 74
647	ebi-a-GC ST90027 716	10	9526 946	-0.137 861	0.02 8369 4	1.18E -06	7738	rs749 4922 9	A	G	0.093 9624	TRUE	reported	igd	23.61 4706 23
648	ebi-a-GC ST90027 716	10	1030 7625 2	-0.085 8008	0.01 8385 2	3.06E -06	7738	rs124 1530 7	G	A	0.289 391	TRUE	reported	igd	21.77 9402 3
649	ebi-a-GC ST90027	17	3432 2610	-0.098 5761	0.02 1844	6.40E -06	7738	rs210 7539	T	C	0.243 401	TRUE	reported	igd	20.36 4742

	716														75
650	ebi-a-GC ST90027 716	17	5955 6923	0.099 713	0.02 1112 7	2.33E -06	7738	rs378 5822	A	G	0.178 193	TRUE	reported	igd	22.30 5707 98
651	ebi-a-GC ST90027 716	19	1656 7351	-0.078 5738	0.01 7692 2	8.95E -06	7738	rs367 20	C	T	0.306 358	TRUE	reported	igd	19.72 3856 48
652	ebi-a-GC ST90027 717	2	1278 2625 9	-0.199 986	0.04 3343 1	3.95E -06	7738	rs114 4462 85	G	A	0.212 676	TRUE	reported	igd	21.28 9195 41
653	ebi-a-GC ST90027 717	2	1423 2453 6	0.175 683	0.03 9185 1	7.35E -06	7738	rs126 2149 9	G	A	0.309 763	TRUE	reported	igd	20.10 0995 16
654	ebi-a-GC ST90027 717	6	1273 2095	0.191 878	0.03 6580 3	1.56E -07	7738	rs570 295	G	A	0.604 353	TRUE	reported	igd	27.51 4133 51
655	ebi-a-GC ST90027 717	9	1402 1541 5	0.204 472	0.04 5529	7.09E -06	7738	rs941 4689	G	C	0.686 804	TRUE	reported	igd	20.16 9329 77
656	ebi-a-GC ST90027 717	9	1139 2955 7	-0.163 965	0.03 5668	4.29E -06	7738	rs391 6427	C	T	0.534 825	TRUE	reported	igd	21.13 2203 82
657	ebi-a-GC ST90027 717	13	3098 1374	-0.327 189	0.06 8725 9	1.93E -06	7738	rs950 8731	T	A	0.099 1426	TRUE	reported	igd	22.66 5041 42

658	ebi-a-GC ST90027 717	14	7520 7510	0.241 475	0.05 3061 1	5.34E -06	7738	rs116 2663 0	T	C	0.154 357	TRUE	reported	igd	20.71 0560 45
659	ebi-a-GC ST90027 717	18	4299 1796	0.326 565	0.06 9473 4	2.59E -06	7738	rs441 6113	A	G	0.072 3921	TRUE	reported	igd	22.09 5415 18
660	ebi-a-GC ST90027 717	19	5113 2056	0.233 868	0.05 0593 7	3.79E -06	7738	rs423 9490	C	T	0.833 293	TRUE	reported	igd	21.36 7254 4
661	ebi-a-GC ST90027 717	19	2847 3852	0.169 75	0.03 6898	4.21E -06	7738	rs480 5798	A	G	0.407 123	TRUE	reported	igd	21.16 4787 52
662	ebi-a-GC ST90027 718	1	8564 9468	-0.110 098	0.02 4782 6	8.89E -06	7738	rs301 3111	T	C	0.143 8	TRUE	reported	igd	19.73 6272 15
663	ebi-a-GC ST90027 718	1	3753 7293	-0.084 6257	0.01 8786 4	6.65E -06	7738	rs642 6007	T	C	0.697 572	TRUE	reported	igd	20.29 1652 58
664	ebi-a-GC ST90027 718	1	2456 4524 2	0.115 394	0.02 5837 6	7.97E -06	7738	rs109 2420 9	G	T	0.167 59	TRUE	reported	igd	19.94 6289 35
665	ebi-a-GC ST90027 718	2	7233 5640	0.105 911	0.02 2541 2	2.62E -06	7738	rs134 2024 4	A	T	0.178 593	TRUE	reported	igd	22.07 6390 75
666	ebi-a-GC	2	7055	0.082	0.01	4.41E	7738	rs675	C	T	0.398	TRUE	reported	igd	21.07

	ST90027 718		6337	1691	7898 3	-06		0178			652				6257 4
667	ebi-a-GC ST90027 718	3	5210 6828	0.103 713	0.02 2854 2	5.68E -06	7738	rs763 8211 9	A	G	0.212 828	TRUE	reported	igd	20.59 3698 32
668	ebi-a-GC ST90027 718	7	1448 9455 9	-0.125 204	0.02 7942	7.43E -06	7738	rs746 8372 9	C	T	0.110 57	TRUE	reported	igd	20.07 8045 36
669	ebi-a-GC ST90027 718	10	8937 285	-0.131 824	0.02 5400 8	2.11E -07	7738	rs112 5597 0	A	C	0.168 534	TRUE	reported	igd	26.93 3586 05
670	ebi-a-GC ST90027 718	16	8034 3094	0.162 007	0.03 5473 6	4.95E -06	7738	rs620 4849 3	A	G	0.067 6924	TRUE	reported	igd	20.85 7249 23
671	ebi-a-GC ST90027 718	20	1008 2476	0.116 128	0.02 4765 8	2.74E -06	7738	rs603 9702	G	A	0.152 188	TRUE	reported	igd	21.98 7161 7
672	ebi-a-GC ST90027 719	1	2394 3712 5	-0.149 08	0.03 1022	1.54E -06	7738	rs115 7886 8	G	A	0.085 0534	TRUE	reported	igd	23.09 4001 05
673	ebi-a-GC ST90027 719	2	1701 6268 2	0.082 4475	0.01 8478 9	8.13E -06	7738	rs126 2208 5	G	A	0.302 884	TRUE	reported	igd	19.90 6859 54
674	ebi-a-GC ST90027	3	1661 391	-0.096 5044	0.02 1305	5.91E -06	7738	rs185 0270	T	C	0.206 659	TRUE	reported	igd	20.51 6083

	719				9										65
675	ebi-a-GC ST90027 719	4	7371 1914	0.088 81	0.01 9927 7	8.33E -06	7738	rs683 0068	T	G	0.217 332	TRUE	reported	igd	19.86 1378 46
676	ebi-a-GC ST90027 719	4	1077 1036 0	0.149 033	0.03 3014 2	6.36E -06	7738	rs117 2676 4	A	C	0.066 2113	TRUE	reported	igd	20.37 8083 23
677	ebi-a-GC ST90027 719	4	1682 3900	-0.076 8737	0.01 7344 9	9.33E -06	7738	rs123 043	A	C	0.648 591	TRUE	reported	igd	19.64 3187 79
678	ebi-a-GC ST90027 719	7	1876 0347	0.142 582	0.03 0624 1	3.23E -06	7738	rs472 1723	G	C	0.081 9166	TRUE	reported	igd	21.67 7177 61
679	ebi-a-GC ST90027 719	8	8195 6395	0.082 9852	0.01 7321 6	1.66E -06	7738	rs700 0832	A	C	0.456 351	TRUE	reported	igd	22.95 2250 71
680	ebi-a-GC ST90027 719	11	4745 154	-0.080 2979	0.01 7437	4.12E -06	7738	rs108 3653 2	T	G	0.351 034	TRUE	reported	igd	21.20 6297 02
681	ebi-a-GC ST90027 719	11	8766 6565	0.159 891	0.03 5048 5	5.07E -06	7738	rs210 5601	C	T	0.080 3458	TRUE	reported	igd	20.81 1777 1
682	ebi-a-GC ST90027 719	11	2306 168	0.093 9107	0.01 8664 6	4.87E -07	7738	rs710 4786	T	C	0.432 431	TRUE	reported	igd	25.31 5865 6

683	ebi-a-GC ST90027 719	12	1115 0054	-0.094 8408	0.02 0759 8	4.91E -06	7738	rs794 2081 2	T	C	0.198 004	TRUE	reported	igd	20.87 1039 83
684	ebi-a-GC ST90027 719	13	1127 7072 7	0.080 7651	0.01 7239 4	2.80E -06	7738	rs231 7916	C	T	0.630 847	TRUE	reported	igd	21.94 8415 7
685	ebi-a-GC ST90027 719	17	3405 5935	0.098 9134	0.02 0845 3	2.08E -06	7738	rs728 2993 2	G	A	0.183 187	TRUE	reported	igd	22.51 6141 08
686	ebi-a-GC ST90027 719	21	2618 1265	-0.079 8621	0.01 7152	3.22E -06	7738	rs481 6989	G	A	0.665 608	TRUE	reported	igd	21.67 9632 49
687	ebi-a-GC ST90027 720	1	1392 1657	-0.177 112	0.03 8751 2	4.87E -06	7738	rs715 1094 7	G	A	0.139 246	TRUE	reported	igd	20.88 9385 42
688	ebi-a-GC ST90027 720	1	5001 488	0.134 028	0.02 9400 5	5.15E -06	7738	rs109 1529 5	G	T	0.275 814	TRUE	reported	igd	20.78 1727 28
689	ebi-a-GC ST90027 720	4	1276 6247 4	-0.127 518	0.02 6397 1	1.36E -06	7738	rs767 1513	C	T	0.501 559	TRUE	reported	igd	23.33 6222 12
690	ebi-a-GC ST90027 720	5	1531 5722 8	-0.137 501	0.02 7646	6.57E -07	7738	rs292 6850	C	A	0.353 64	TRUE	reported	igd	24.73 7004 38
691	ebi-a-GC	7	4997	0.242	0.05	6.77E	7738	rs132	G	T	0.065	TRUE	reported	igd	20.25

	ST90027 720		1101	955	3980 9	-06		3871 2			9397				6827 99
692	ebi-a-GC ST90027 720	8	7585 0745	0.169 223	0.03 7540 2	6.55E -06	7738	rs112 6845 84	A	T	0.150 902	TRUE	reported	igd	20.32 0089 47
693	ebi-a-GC ST90027 720	8	2452 3301	0.126 101	0.02 8431 5	9.20E -06	7738	rs655 7756	A	C	0.673 768	TRUE	reported	igd	19.67 1501 72
694	ebi-a-GC ST90027 720	13	5104 1880	0.159 552	0.03 5188	5.78E -06	7738	rs931 6496	A	G	0.174 774	TRUE	reported	igd	20.55 9632 07
695	ebi-a-GC ST90027 720	13	6663 6200	-0.309 637	0.06 0488 9	3.07E -07	7738	rs619 5672 4	T	C	0.050 6604	TRUE	reported	igd	26.20 3199 8
696	ebi-a-GC ST90027 720	17	3223 6051	0.140 718	0.02 8833 2	1.06E -06	7738	rs444 953	C	T	0.703 915	TRUE	reported	igd	23.81 8456 74
697	ebi-a-GC ST90027 720	17	9525 9	-0.131 017	0.02 8397 2	3.96E -06	7738	rs580 5512 7	T	C	0.321 931	TRUE	reported	igd	21.28 6500 11
698	ebi-a-GC ST90027 720	18	4742 876	-0.139 221	0.02 8988 9	1.57E -06	7738	rs433 8887	A	G	0.304 016	TRUE	reported	igd	23.06 4605 22
699	ebi-a-GC ST90027	19	1012 6107	-0.190 115	0.04 2396	7.32E -06	7738	rs139 7903	T	C	0.116 364	TRUE	reported	igd	20.10 8464

	720				2			75							25
700	ebi-a-GC ST90027 721	4	1401 7592 3	-0.137 245	0.02 7968 4	9.24E -07	7738	rs100 2718 8	T	C	0.295 017	TRUE	reported	igd	24.08 0074 08
701	ebi-a-GC ST90027 721	8	7465 9261	0.151 607	0.03 3710 6	6.88E -06	7738	rs140 4726 22	T	C	0.163 731	TRUE	reported	igd	20.22 5792 3
702	ebi-a-GC ST90027 722	2	4588 5915	0.176 456	0.03 9867 1	9.59E -06	7738	rs675 4150 5	G	A	0.170 197	TRUE	reported	igd	19.59 0411 99
703	ebi-a-GC ST90027 722	4	1124 2199 7	0.254 628	0.05 5227 8	4.02E -06	7738	rs743 3879 0	G	A	0.084 4046	TRUE	reported	igd	21.25 6748 33
704	ebi-a-GC ST90027 722	4	1891 8198 1	-0.327 499	0.06 8773 4	1.92E -06	7738	rs116 6432 93	G	A	0.052 9189	TRUE	reported	igd	22.67 6653 58
705	ebi-a-GC ST90027 722	6	1008 9065 4	-0.144 514	0.03 1298 4	3.89E -06	7738	rs379 8491	A	T	0.561 236	TRUE	reported	igd	21.31 9429 1
706	ebi-a-GC ST90027 722	6	1401 5882 8	-0.148 739	0.03 3558 5	9.33E -06	7738	rs938 9726	C	T	0.306 409	TRUE	reported	igd	19.64 4665 29
707	ebi-a-GC ST90027 722	6	3291 1814	0.142 807	0.03 2167 9	9.02E -06	7738	rs239 5296	G	A	0.714 675	TRUE	reported	igd	19.70 85

708	ebi-a-GC ST90027 722	7	4514 0515	0.309 465	0.06 9190 6	7.73E -06	7738	rs798 2577 3	T	G	0.063 652	TRUE	reported	igd	20.00 4554 44
709	ebi-a-GC ST90027 722	15	7058 6617	-0.142	0.03 0264	2.70E -06	7738	rs135 5585	C	T	0.563 593	TRUE	reported	igd	22.01 5270 82
710	ebi-a-GC ST90027 722	15	5891 2586	0.223 318	0.04 6788	1.82E -06	7738	rs125 9230 2	T	A	0.122 239	TRUE	reported	igd	22.78 1299 67
711	ebi-a-GC ST90027 722	16	5241 6513	-0.204 293	0.04 1502 2	8.55E -07	7738	rs173 961	A	G	0.154 021	TRUE	reported	igd	24.23 0631 57
712	ebi-a-GC ST90027 723	2	1834 8124	-0.136 148	0.03 0663 2	8.99E -06	7738	rs483 2418	A	G	0.232 563	TRUE	reported	igd	19.71 4582 33
713	ebi-a-GC ST90027 723	4	2082 1100	-0.132 772	0.02 9494 2	6.74E -06	7738	rs353 3592 5	C	G	0.262 547	TRUE	reported	igd	20.26 4680 12
714	ebi-a-GC ST90027 723	6	8917 7710	0.132 943	0.03 0014 9	9.46E -06	7738	rs776 1067	C	T	0.726 742	TRUE	reported	igd	19.61 8109 23
715	ebi-a-GC ST90027 723	8	1411 2568	-0.208 614	0.04 5703	5.01E -06	7738	rs735 1943 0	C	T	0.083 4573	TRUE	reported	igd	20.83 5190 88
716	ebi-a-GC	10	1959	-0.187	0.04	3.65E	7738	rs249	A	G	0.111	TRUE	reported	igd	21.44

	ST90027 723		2884	924	0585 4	-06		9076			418				0002 64
717	ebi-a-GC ST90027 723	16	5779 6861	-0.144 409	0.02 7527 8	1.55E -07	7738	rs296 5800	A	G	0.679 577	TRUE	reported	igd	27.51 9815 16
718	ebi-a-GC ST90027 724	1	2275 9749 6	0.157 741	0.03 2349 3	1.08E -06	7738	rs300 0780	A	G	0.264 242	TRUE	reported	igd	23.77 7128 48
719	ebi-a-GC ST90027 724	1	2052 3439 3	0.234 635	0.04 9603 7	2.24E -06	7738	rs727 4329 0	T	C	0.099 6657	TRUE	reported	igd	22.37 4711 61
720	ebi-a-GC ST90027 724	3	3234 9650	-0.214 949	0.04 6111 2	3.14E -06	7738	rs984 7942	A	G	0.101 421	TRUE	reported	igd	21.72 9914 08
721	ebi-a-GC ST90027 724	3	1027 1265	0.232 309	0.05 1348 1	6.06E -06	7738	rs446 2945	T	C	0.086 454	TRUE	reported	igd	20.46 8372 6
722	ebi-a-GC ST90027 724	4	3465 700	0.133 75	0.02 9962 9	8.05E -06	7738	rs766 4368	G	C	0.347 008	TRUE	reported	igd	19.92 5989 25
723	ebi-a-GC ST90027 724	7	1526 1723 1	0.143 092	0.02 9852 8	1.64E -06	7738	rs253 5959	C	A	0.410 513	TRUE	reported	igd	22.97 5266 89
724	ebi-a-GC ST90027	14	6251 9026	0.260 32	0.05 6211	3.64E -06	7738	rs715 9466	T	A	0.071 9354	TRUE	reported	igd	21.44 6833

	724				6										33
725	ebi-a-GC ST90027 724	19	4794 5391	0.131 438	0.02 9497	8.35E -06	7738	rs129 7841 2	T	C	0.642 572	TRUE	reported	igd	19.85 5745 05
726	ebi-a-GC ST90027 725	1	7608 9534	0.231 84	0.05 0745 2	4.91E -06	7738	rs666 4382	C	G	0.935 054	TRUE	reported	igd	20.87 3092 57
727	ebi-a-GC ST90027 725	3	1785 6786 4	-0.247 589	0.05 5952 7	9.65E -06	7738	rs987 2584	A	C	0.072 5455	TRUE	reported	igd	19.58 0356 51
728	ebi-a-GC ST90027 725	6	3093 0633	-0.132 688	0.02 9777 6	8.35E -06	7738	rs946 8851	G	A	0.234 969	TRUE	reported	igd	19.85 5641 03
729	ebi-a-GC ST90027 725	7	7150 8645	0.173 645	0.03 5911 5	1.33E -06	7738	rs471 7625	G	A	0.142 545	TRUE	reported	igd	23.38 0698 08
730	ebi-a-GC ST90027 725	7	5233 6084	0.144 272	0.03 2233 6	7.61E -06	7738	rs186 0691	G	A	0.183 109	TRUE	reported	igd	20.03 3022 56
731	ebi-a-GC ST90027 725	8	1902 9859	0.130 366	0.02 8776 3	5.89E -06	7738	rs132 5705 0	A	C	0.720 362	TRUE	reported	igd	20.52 3847 35
732	ebi-a-GC ST90027 725	9	7786 2854	-0.138 537	0.02 9372 7	2.40E -06	7738	rs111 4435 0	G	A	0.729 889	TRUE	reported	igd	22.24 5584 35

733	ebi-a-GC ST90027 725	9	7944 2588	-0.174 788	0.03 5190 9	6.81E -07	7738	rs736 5321 7	T	A	0.158 435	TRUE	reported	igd	24.66 9621 03
734	ebi-a-GC ST90027 725	11	7111 3304	-0.130 506	0.02 8235	3.80E -06	7738	rs179 2325	T	C	0.398 715	TRUE	reported	igd	21.36 4137 94
735	ebi-a-GC ST90027 725	11	2141 69	0.137 379	0.02 6645 4	2.53E -07	7738	rs153 3824	C	T	0.329 647	TRUE	reported	igd	26.58 2523 9
736	ebi-a-GC ST90027 725	11	1050 4683 9	0.120 849	0.02 5731 4	2.65E -06	7738	rs108 9578 4	G	A	0.620 468	TRUE	reported	igd	22.05 7652 48
737	ebi-a-GC ST90027 725	12	2088 5931	0.208 234	0.04 4093 9	2.33E -06	7738	rs169 2315 4	G	A	0.087 5038	TRUE	reported	igd	22.30 2125 61
738	ebi-a-GC ST90027 725	13	3846 3552	-0.138 846	0.02 9775 4	3.11E -06	7738	rs105 0746 5	C	T	0.246 811	TRUE	reported	igd	21.74 4605 68
739	ebi-a-GC ST90027 725	17	2975 5009	-0.191 666	0.04 2436 5	6.29E -06	7738	rs129 4100 5	C	T	0.096 6268	TRUE	reported	igd	20.39 9101 7
740	ebi-a-GC ST90027 726	1	6526 8226	0.154 981	0.03 4651 3	7.73E -06	7738	rs127 2510 4	G	A	0.177 096	TRUE	reported	igd	20.00 4046 37
741	ebi-a-GC	1	2067	0.138	0.03	5.89E	7738	rs233	T	C	0.262	TRUE	reported	igd	20.52

	ST90027 726		5489 3	975	0677 8	-06		6943			483				2248 49
742	ebi-a-GC ST90027 726	2	6793 3923	-0.148 27	0.03 3385 4	8.95E -06	7738	rs108 6536 2	T	C	0.798 704	TRUE	reported	igd	19.72 3927 94
743	ebi-a-GC ST90027 726	2	1045 5625	-0.153 882	0.03 0726 4	5.50E -07	7738	rs186 1231	A	G	0.741 502	TRUE	reported	igd	25.08 1429 46
744	ebi-a-GC ST90027 726	8	8323 0206	-0.221 37	0.04 9743 5	8.58E -06	7738	rs359 2100 3	C	A	0.081 6795	TRUE	reported	igd	19.80 4544 19
745	ebi-a-GC ST90027 726	12	8134 4810	0.149 563	0.03 3858 8	1.00E -05	7738	rs287 4094 7	G	A	0.200 981	TRUE	reported	igd	19.51 2153 84
746	ebi-a-GC ST90027 726	12	1178 9293 1	-0.163 42	0.03 6313	6.79E -06	7738	rs110 6849 9	A	G	0.157 012	TRUE	reported	igd	20.25 2850 32
747	ebi-a-GC ST90027 726	16	8174 7602	0.130 65	0.02 9222 4	7.79E -06	7738	rs488 9373	G	A	0.720 261	TRUE	reported	igd	19.98 8815 8
748	ebi-a-GC ST90027 726	17	4872 9781	-0.138 58	0.02 9188 5	2.06E -06	7738	rs175 6251 6	A	T	0.301 073	TRUE	reported	igd	22.54 1227 37
749	ebi-a-GC ST90027	19	5285 5303	0.128 49	0.02 7358	2.65E -06	7738	rs374 5098	T	G	0.445 331	TRUE	reported	igd	22.05 6904

	726				8										81
750	ebi-a-GC ST90027 726	20	5922 0861	-0.273 779	0.05 8568 2	2.95E -06	7738	rs739 1856 3	C	T	0.056 4855	TRUE	reported	igd	21.85 1261 38
751	ebi-a-GC ST90027 727	2	1440 0537 9	-0.152 71	0.03 3022 5	3.76E -06	7738	rs346 1323 9	A	G	0.127 172	TRUE	reported	igd	21.38 5285 7
752	ebi-a-GC ST90027 727	2	5693 299	-0.113 852	0.02 5306 5	6.83E -06	7738	rs101 7756 6	T	C	0.265 69	TRUE	reported	igd	20.24 0309 97
753	ebi-a-GC ST90027 727	3	2063 046	-0.122 326	0.02 6152 1	2.90E -06	7738	rs984 7008	G	T	0.248 17	TRUE	reported	igd	21.87 8846 08
754	ebi-a-GC ST90027 727	3	6087 9866	-0.132 411	0.02 6564 1	6.21E -07	7738	rs117 1567 4	C	T	0.223 81	TRUE	reported	igd	24.84 6082 22
755	ebi-a-GC ST90027 727	5	9776 4402	0.245 305	0.05 2453 7	2.92E -06	7738	rs100 3632 6	C	T	0.056 0296	TRUE	reported	igd	21.87 0592 3
756	ebi-a-GC ST90027 727	9	1158 9780 3	-0.137 657	0.02 9395 5	2.83E -06	7738	rs109 8164 0	A	C	0.175 092	TRUE	reported	igd	21.92 9811 46
757	ebi-a-GC ST90027 727	10	1030 4152 5	0.142 761	0.03 1061 8	4.31E -06	7738	rs115 9591 3	C	T	0.155 412	TRUE	reported	igd	21.12 3502 22

758	ebi-a-GC ST90027 727	12	1313 6668 6	0.118 084	0.02 6029 9	5.72E -06	7738	rs560 8597 2	T	C	0.241 758	TRUE	reported	igd	20.57 9608 7
759	ebi-a-GC ST90027 727	12	1147 6639 3	0.106 493	0.02 2906 2	3.33E -06	7738	rs110 6704 8	C	G	0.385 316	TRUE	reported	igd	21.61 4043 77
760	ebi-a-GC ST90027 727	13	1000 5653 1	0.229 104	0.05 1791 6	9.71E -06	7738	rs174 7239 3	G	C	0.060 1733	TRUE	reported	igd	19.56 8011 17
761	ebi-a-GC ST90027 727	15	3240 4937	0.152 309	0.03 3080 8	4.14E -06	7738	rs620 0362 5	T	C	0.131 624	TRUE	reported	igd	21.19 8206 88
762	ebi-a-GC ST90027 727	19	1099 842	0.106 283	0.02 3174 2	4.51E -06	7738	rs238 4942	G	C	0.631 685	TRUE	reported	igd	21.03 3817 8
763	ebi-a-GC ST90027 727	20	5712 5934	0.112 082	0.02 3656 5	2.16E -06	7738	rs602 6349	T	C	0.328 205	TRUE	reported	igd	22.44 7643 8
764	ebi-a-GC ST90027 728	2	7566 0834	0.281 141	0.06 0021 5	2.81E -06	7738	rs116 6934 83	T	G	0.056 3084	TRUE	reported	igd	21.93 9901 89
765	ebi-a-GC ST90027 728	4	1845 8182 0	0.142 216	0.03 0443 5	2.99E -06	7738	rs562 4671 8	G	C	0.264 851	TRUE	reported	igd	21.82 2663 59
766	ebi-a-GC	8	2313	-0.133	0.02	4.64E	7738	rs625	T	G	0.274	TRUE	reported	igd	20.98

	ST90027 728		4901	7	9189 6	-06		0115 1			887				0050 4
767	ebi-a-GC ST90027 728	8	3221 1367	-0.198 968	0.04 4876 2	9.26E -06	7738	rs168 5109	C	T	0.089 3011	TRUE	reported	igd	19.65 7773 16
768	ebi-a-GC ST90027 728	11	8333 5977	-0.136 615	0.03 0385 5	6.92E -06	7738	rs108 9814 7	T	C	0.233 233	TRUE	reported	igd	20.21 4546 31
769	ebi-a-GC ST90027 728	12	5449 6487	-0.113 169	0.02 5600 5	9.84E -06	7738	rs198 5586	T	G	0.524 114	TRUE	reported	igd	19.54 1507 41
770	ebi-a-GC ST90027 729	3	1705 3211 1	0.164 248	0.03 6157 3	5.56E -06	7738	rs617 9048 0	T	G	0.076 6359	TRUE	reported	igd	20.63 5176 82
771	ebi-a-GC ST90027 729	8	1448 0361 6	-0.110 598	0.02 4102 8	4.46E -06	7738	rs117 8335 7	T	C	0.800 063	TRUE	reported	igd	21.05 5208 81
772	ebi-a-GC ST90027 729	9	1269 8714 3	-0.104 323	0.02 2881 7	5.13E -06	7738	rs647 8652	T	G	0.229 972	TRUE	reported	igd	20.78 6604 86
773	ebi-a-GC ST90027 729	13	7272 6920	-0.104 294	0.02 3407 7	8.37E -06	7738	rs142 1280	T	C	0.797 244	TRUE	reported	igd	19.85 1858 14
774	ebi-a-GC ST90027	15	1014 7895	0.102 337	0.02 1858	2.84E -06	7738	rs717 9502	A	G	0.264 08	TRUE	reported	igd	21.91 9398

	729		9		4										12
775	ebi-a-GC ST90027 729	19	7564 269	0.128 668	0.02 6837 7	1.63E -06	7738	rs111 4811 25	G	C	0.270 25	TRUE	reported	igd	22.98 5317 81
776	ebi-a-GC ST90027 730	1	1383 9382	0.086 4227	0.01 8736 8	3.98E -06	7738	rs299 0682	G	C	0.304 692	TRUE	reported	igd	21.27 4767 3
777	ebi-a-GC ST90027 730	2	2164 8476 8	0.091 0688	0.01 924	2.21E -06	7738	rs257 9005	G	T	0.700 95	TRUE	reported	igd	22.40 4182 03
778	ebi-a-GC ST90027 730	2	2117 7262 4	0.077 3765	0.01 7460 1	9.35E -06	7738	rs130 0960 0	A	G	0.382 966	TRUE	reported	igd	19.63 9241 43
779	ebi-a-GC ST90027 730	4	1865 5772 7	0.129 11	0.02 8477 8	5.80E -06	7738	rs778 4842 5	T	C	0.106 589	TRUE	reported	igd	20.55 4498 78
780	ebi-a-GC ST90027 730	7	1582 4060 2	-0.090 388	0.01 8991 5	1.94E -06	7738	rs695 8516	C	G	0.305 548	TRUE	reported	igd	22.65 1815 63
781	ebi-a-GC ST90027 730	15	8937 7788	-0.093 2645	0.02 0899 9	8.10E -06	7738	rs129 1332 0	T	C	0.236 869	TRUE	reported	igd	19.91 3349 51
782	ebi-a-GC ST90027 730	19	2048 4610	-0.161 697	0.03 4171 6	2.22E -06	7738	rs735 3955 4	T	C	0.086 3916	TRUE	reported	igd	22.39 0990 04

783	ebi-a-GC ST90027 730	20	3700 1409	0.080 5221	0.01 7439 7	3.89E -06	7738	rs178 0628	T	A	0.406 348	TRUE	reported	igd	21.31 8280 17
784	ebi-a-GC ST90027 731	1	1117 8739 5	0.146 444	0.03 0216 7	1.26E -06	7738	rs247 7580	G	A	0.747 226	TRUE	reported	igd	23.48 8165 59
785	ebi-a-GC ST90027 731	2	1987 8289	-0.208 624	0.04 6482 6	7.18E -06	7738	rs124 6675 4	T	C	0.088 7719	TRUE	reported	igd	20.14 4092 7
786	ebi-a-GC ST90027 732	2	9724 9011	0.090 1209	0.02 0233	8.42E -06	7738	rs116 7688 6	G	A	0.629 911	TRUE	reported	igd	19.83 9488 79
787	ebi-a-GC ST90027 732	3	3023 6230	-0.102 919	0.02 3234 8	9.44E -06	7738	rs622 4220 4	A	G	0.233 664	TRUE	reported	igd	19.62 0643 12
788	ebi-a-GC ST90027 732	4	1469 7797 9	0.090 024	0.01 9264 3	2.97E -06	7738	rs131 3831 3	T	C	0.414 14	TRUE	reported	igd	21.83 7863 45
789	ebi-a-GC ST90027 732	4	1063 833	-0.176 657	0.03 9718 2	8.68E -06	7738	rs117 3123 8	G	A	0.066 6628	TRUE	reported	igd	19.78 2564 26
790	ebi-a-GC ST90027 732	5	4405 5894	0.222 864	0.04 5497 4	9.66E -07	7738	rs115 5340 05	C	T	0.050 6552	TRUE	reported	igd	23.99 4222 61
791	ebi-a-GC	6	1275	0.195	0.04	6.46E	7738	rs112	G	A	0.053	TRUE	reported	igd	20.34

	ST90027 732		2767	442	3327 1	-06		5729 80			1246				7757 51
792	ebi-a-GC ST90027 732	6	1301 5046 8	0.181 601	0.04 0532 2	7.45E -06	7738	rs170 5800 1	T	C	0.059 268	TRUE	reported	igd	20.07 4101 58
793	ebi-a-GC ST90027 732	9	1258 4458 2	-0.116 971	0.02 5260 4	3.65E -06	7738	rs279 1437	A	G	0.192 315	TRUE	reported	igd	21.44 2526 66
794	ebi-a-GC ST90027 732	10	1255 6068 7	0.184 059	0.04 1159 7	7.76E -06	7738	rs236 2966	C	G	0.066 988	TRUE	reported	igd	19.99 7224 16
795	ebi-a-GC ST90027 732	12	1319 1144 1	0.091 836	0.01 9922 4	4.03E -06	7738	rs124 6347	G	C	0.355 647	TRUE	reported	igd	21.24 9201 15
796	ebi-a-GC ST90027 732	12	6144 4056	0.086 5054	0.01 9581 2	9.97E -06	7738	rs198 3438	G	A	0.388 413	TRUE	reported	igd	19.51 6764 91
797	ebi-a-GC ST90027 733	3	4417 5797	-0.215 544	0.04 7553 5	5.82E -06	7738	rs765 1754	C	T	0.109 385	TRUE	reported	igd	20.54 5035 78
798	ebi-a-GC ST90027 733	8	9177 732	-0.197 113	0.04 3067	4.72E -06	7738	rs983 309	G	T	0.874 439	TRUE	reported	igd	20.94 7938 73
799	ebi-a-GC ST90027	12	1500 603	0.230 437	0.05 0601	5.27E -06	7738	rs713 2825	A	G	0.086 5655	TRUE	reported	igd	20.73 8186

	733				9										57
800	ebi-a-GC ST90027 733	17	3620 5502	-0.159 873	0.03 3619 7	1.98E -06	7738	rs561 6205 2	C	T	0.725 439	TRUE	reported	igd	22.61 3229 04
801	ebi-a-GC ST90027 733	18	8831 132	0.188 796	0.04 2610 4	9.39E -06	7738	rs762 3672 9	T	C	0.129 339	TRUE	reported	igd	19.63 1539 37
802	ebi-a-GC ST90027 734	2	1672 0355	0.091 0033	0.01 9938	5.01E -06	7738	rs127 1073 1	T	C	0.290 693	TRUE	reported	igd	20.83 2965 71
803	ebi-a-GC ST90027 734	2	3805 0232	-0.090 2391	0.02 0143	7.47E -06	7738	rs467 0221	G	C	0.308 248	TRUE	reported	igd	20.06 9714 98
804	ebi-a-GC ST90027 734	4	1512 9508 5	0.092 8428	0.02 0719 6	7.43E -06	7738	rs682 3767	C	T	0.261 341	TRUE	reported	igd	20.07 8613 76
805	ebi-a-GC ST90027 734	5	2499 0890	0.190 878	0.03 9288 2	1.18E -06	7738	rs680 5831 3	T	C	0.064 1869	TRUE	reported	igd	23.60 4102 28
806	ebi-a-GC ST90027 734	5	1188 3600 4	0.106 723	0.02 3636 9	6.33E -06	7738	rs129 8928	G	T	0.182 956	TRUE	reported	igd	20.38 6140 54
807	ebi-a-GC ST90027 734	6	2009 7305	-0.124 406	0.02 5993 4	1.70E -06	7738	rs936 8149	G	A	0.172 487	TRUE	reported	igd	22.90 6380 63

808	ebi-a-GC ST90027 734	6	3770 7962	0.108 922	0.02 3451 9	3.41E -06	7738	rs361 1930 6	T	A	0.197 307	TRUE	reported	igd	21.57 1241 8
809	ebi-a-GC ST90027 734	10	2005 604	0.088 4855	0.01 9934 1	9.04E -06	7738	rs791 2369	G	A	0.702 824	TRUE	reported	igd	19.70 3843 68
810	ebi-a-GC ST90027 734	11	6757 7945	-0.085 3347	0.01 8955 6	6.74E -06	7738	rs748 2174	G	A	0.586 38	TRUE	reported	igd	20.26 6383 7
811	ebi-a-GC ST90027 734	12	1150 8526 7	-0.105 925	0.02 0255 5	1.70E -07	7738	rs559 2613 1	T	C	0.611 517	TRUE	reported	igd	27.34 7083 03
812	ebi-a-GC ST90027 734	12	6540 5314	-0.089 3902	0.01 9077 9	2.79E -06	7738	rs166 570	G	C	0.636 465	TRUE	reported	igd	21.95 4253 87
813	ebi-a-GC ST90027 734	15	3781 6202	0.109 922	0.02 2903 1	1.59E -06	7738	rs358 9564 2	T	C	0.198 579	TRUE	reported	igd	23.03 4601 57
814	ebi-a-GC ST90027 734	16	1008 2174	-0.100 048	0.02 2309 7	7.31E -06	7738	rs153 2932	G	A	0.786 723	TRUE	reported	igd	20.11 0800 69
815	ebi-a-GC ST90027 734	17	4786 0915	0.127 155	0.02 4443 3	1.97E -07	7738	rs790 4157 9	A	G	0.182 9	TRUE	reported	igd	27.06 1209 8
816	ebi-a-GC	19	2272	0.109	0.02	5.69E	7738	rs252	T	C	0.204	TRUE	reported	igd	20.58

	ST90027 734		309	72	4181 1	-06		3176			089				8252 78
817	ebi-a-GC ST90027 735	7	2159 1664	0.136 667	0.03 0598 4	7.95E -06	7738	rs132 3602 3	A	G	0.438 839	TRUE	reported	igd	19.94 9402 24
818	ebi-a-GC ST90027 735	12	2834 412	0.159 694	0.03 1906	5.58E -07	7738	rs888 195	C	G	0.335 821	TRUE	reported	igd	25.05 1427 41
819	ebi-a-GC ST90027 735	13	4339 9563	0.196 266	0.04 2846 5	4.63E -06	7738	rs733 4276	C	T	0.152 166	TRUE	reported	igd	20.98 2606 68
820	ebi-a-GC ST90027 736	1	6131 9955	-0.077 2113	0.01 7204 8	7.20E -06	7738	rs154 6579	T	C	0.405 264	TRUE	reported	igd	20.14 0139 41
821	ebi-a-GC ST90027 736	2	1366 1675 4	-0.153 278	0.01 9636 5	5.91E -15	7738	rs182 549	T	C	0.755 025	TRUE	reported	igd	60.93 0043 22
822	ebi-a-GC ST90027 736	2	1010 5414 9	0.086 0767	0.01 8635 6	3.86E -06	7738	rs485 1317	G	T	0.694 654	TRUE	reported	igd	21.33 4597 67
823	ebi-a-GC ST90027 736	3	6301 2872	-0.175 989	0.03 3952 9	2.18E -07	7738	rs744 5240 6	T	C	0.072 3787	TRUE	reported	igd	26.86 6883 89
824	ebi-a-GC ST90027	4	7754 1509	0.122 763	0.02 6301	3.05E -06	7738	rs485 9454	T	C	0.114 125	TRUE	reported	igd	21.78 5822

	736				5										
825	ebi-a-GC ST90027 736	4	6260 0906	0.078 3349	0.01 7425 2	6.94E -06	7738	rs117 3208 1	T	C	0.364 727	TRUE	reported	igd	20.20 9475 57
826	ebi-a-GC ST90027 736	4	1683 4470 8	-0.125 369	0.02 7537 1	5.29E -06	7738	rs447 2164	G	A	0.103 173	TRUE	reported	igd	20.72 7356 64
827	ebi-a-GC ST90027 736	5	7964 3369	0.078 5189	0.01 6738 9	2.72E -06	7738	rs126 5717 0	C	T	0.464 18	TRUE	reported	igd	22.00 3642 68
828	ebi-a-GC ST90027 736	6	9288 3361	-0.076 9356	0.01 6727 2	4.24E -06	7738	rs104 5553 2	G	A	0.552 534	TRUE	reported	igd	21.15 4764 3
829	ebi-a-GC ST90027 736	8	7444 6780	0.095 7298	0.02 1547 7	8.88E -06	7738	rs774 3210 8	T	A	0.183 749	TRUE	reported	igd	19.73 7514 51
830	ebi-a-GC ST90027 736	12	1196 6390 6	-0.110 897	0.02 4379 4	5.39E -06	7738	rs619 3948 6	C	T	0.148 052	TRUE	reported	igd	20.69 1575 95
831	ebi-a-GC ST90027 736	15	2402 5547	0.090 9807	0.02 0102 8	6.02E -06	7738	rs108 7364 0	T	C	0.759 057	TRUE	reported	igd	20.48 2616 99
832	ebi-a-GC ST90027 736	19	5525 79	-0.086 9105	0.01 9438 9	7.79E -06	7738	rs348 2301 3	G	T	0.661 291	TRUE	reported	igd	19.98 9462 92

833	ebi-a-GC ST90027 737	2	1405 0577 3	-0.160 699	0.03 5310 1	5.34E -06	7738	rs775 0222 8	T	A	0.057 5034	TRUE	reported	igd	20.71 2305 99
834	ebi-a-GC ST90027 737	3	8775 223	0.083 4256	0.01 8669 3	7.87E -06	7738	rs679 3441	A	C	0.323 931	TRUE	reported	igd	19.96 8369 69
835	ebi-a-GC ST90027 737	3	6801 0971	-0.082 01	0.01 7878	4.49E -06	7738	rs288 0658 4	C	G	0.696 357	TRUE	reported	igd	21.04 2423 55
836	ebi-a-GC ST90027 737	3	1947 3190 9	0.118 166	0.02 4253 2	1.10E -06	7738	rs423 4207	G	A	0.868 77	TRUE	reported	igd	23.73 8155 64
837	ebi-a-GC ST90027 737	7	1537 8074 9	0.082 5064	0.01 7573 5	2.67E -06	7738	rs290 7732	A	C	0.606 662	TRUE	reported	igd	22.04 2393 16
838	ebi-a-GC ST90027 737	8	1069 4484 9	0.123 064	0.02 6639	3.84E -06	7738	rs783 6237 6	G	C	0.105 462	TRUE	reported	igd	21.34 1562 78
839	ebi-a-GC ST90027 737	8	1284 5569 4	-0.099 5627	0.02 2165 2	7.06E -06	7738	rs783 1606	A	T	0.163 846	TRUE	reported	igd	20.17 6694 69
840	ebi-a-GC ST90027 737	9	1361 4659 7	0.110 155	0.01 8575 9	3.03E -09	7738	rs550 057	T	C	0.250 228	TRUE	reported	igd	35.16 4844 45
841	ebi-a-GC	17	6458	0.091	0.01	4.60E	7738	rs116	A	G	0.217	TRUE	reported	igd	20.99

	ST90027 737		4932	2553	9915 3	-06		5205 8			003				6286 42
842	ebi-a-GC ST90027 737	21	4320 8598	0.122 786	0.02 6975 2	5.32E -06	7738	rs284 9714	C	T	0.107 02	TRUE	reported	igd	20.71 8979 3
843	ebi-a-GC ST90027 738	1	2422 2334 3	0.080 8508	0.01 7467 3	3.68E -06	7738	rs101 5893 9	A	G	0.375 746	TRUE	reported	igd	21.42 4815 19
844	ebi-a-GC ST90027 738	1	6044 8209	0.129 89	0.02 8840 3	6.68E -06	7738	rs280 7619	T	C	0.089 1517	TRUE	reported	igd	20.28 3919 87
845	ebi-a-GC ST90027 738	2	6786 8756	-0.098 7338	0.01 9897 6	6.97E -07	7738	rs102 3692	C	T	0.771 301	TRUE	reported	igd	24.62 2396 03
846	ebi-a-GC ST90027 738	3	1501 9767 6	0.086 7558	0.01 9076 8	5.42E -06	7738	rs984 3097	T	C	0.240 726	TRUE	reported	igd	20.68 1688 11
847	ebi-a-GC ST90027 738	4	1771 7575 2	-0.085 2399	0.01 8601 6	4.60E -06	7738	rs260 3095	T	G	0.743 202	TRUE	reported	igd	20.99 8354 37
848	ebi-a-GC ST90027 738	7	4350 3949	0.099 5352	0.02 1881 6	5.40E -06	7738	rs730 9873 2	A	G	0.170 003	TRUE	reported	igd	20.69 1655 41
849	ebi-a-GC ST90027	9	3484 2242	0.164 549	0.03 1108	1.23E -07	7738	rs132 8336	G	A	0.086 3951	TRUE	reported	igd	27.97 9550

	738				2			3							28
850	ebi-a-GC ST90027 738	10	9526 946	0.147 441	0.02 8436 7	2.16E -07	7738	rs749 4922 9	A	G	0.093 8822	TRUE	reported	igd	26.88 3025 43
851	ebi-a-GC ST90027 738	11	4745 154	0.083 9359	0.01 7550 8	1.73E -06	7738	rs108 3653 2	T	G	0.351 076	TRUE	reported	igd	22.87 1869 72
852	ebi-a-GC ST90027 738	15	8768 9365	0.176 927	0.03 9232 2	6.49E -06	7738	rs285 3885 7	T	C	0.053 0423	TRUE	reported	igd	20.33 7749 9
853	ebi-a-GC ST90027 738	17	7249 870	-0.101 785	0.02 1845 7	3.17E -06	7738	rs116 5740 6	T	G	0.166 085	TRUE	reported	igd	21.70 8790 69
854	ebi-a-GC ST90027 738	17	7249 8434	-0.083 3995	0.01 8858 5	9.76E -06	7738	rs783 253	C	T	0.721 46	TRUE	reported	igd	19.55 7466 8
855	ebi-a-GC ST90027 738	18	6874 7115	-0.171 814	0.03 6474 9	2.47E -06	7738	rs269 8177	G	A	0.945 889	TRUE	reported	igd	22.18 8547 71
856	ebi-a-GC ST90027 739	1	1676 1962	0.149 719	0.03 3602 9	8.37E -06	7738	rs120 6441 8	T	C	0.163 086	TRUE	reported	igd	19.85 1819 44
857	ebi-a-GC ST90027 739	1	1753 8169 9	-0.234 29	0.05 1872	6.28E -06	7738	rs750 0585 5	A	T	0.053 901	TRUE	reported	igd	20.40 0533 19

858	ebi-a-GC ST90027 739	2	1195 4138 1	-0.156 202	0.03 4018 2	4.40E -06	7738	rs116 9444 1	A	C	0.125 619	TRUE	reported	igd	21.08 3879 25
859	ebi-a-GC ST90027 739	3	1183 5085 8	-0.159 306	0.03 2620 9	1.04E -06	7738	rs767 5236 5	C	G	0.135 036	TRUE	reported	igd	23.84 9121 62
860	ebi-a-GC ST90027 739	4	1753 9506 2	0.155 888	0.03 4883 7	7.87E -06	7738	rs170 5216 8	C	T	0.117 67	TRUE	reported	igd	19.97 0102 07
861	ebi-a-GC ST90027 739	5	1419 0190 0	-0.151 658	0.03 0597 8	7.18E -07	7738	rs770 3260	C	T	0.155 324	TRUE	reported	igd	24.56 6893 64
862	ebi-a-GC ST90027 739	6	9751 3091	-0.169 496	0.03 6581	3.60E -06	7738	rs946 119	T	C	0.107 641	TRUE	reported	igd	21.46 8799 51
863	ebi-a-GC ST90027 739	8	1878 5706	0.134 84	0.02 9836	6.20E -06	7738	rs196 0416	T	C	0.175 817	TRUE	reported	igd	20.42 4728 43
864	ebi-a-GC ST90027 739	10	1266 1138 7	0.165 351	0.03 6656 7	6.46E -06	7738	rs776 5590 5	A	G	0.103 922	TRUE	reported	igd	20.34 7306 21
865	ebi-a-GC ST90027 739	14	3875 6561	-0.101 056	0.02 2641 6	8.07E -06	7738	rs128 8980 1	T	C	0.498 558	TRUE	reported	igd	19.92 0947 03
866	ebi-a-GC	16	7355	-0.102	0.02	5.63E	7738	rs140	G	A	0.600	TRUE	reported	igd	20.61

	ST90027 739		1996	174	2506 1	-06		0577			301				0109 7
867	ebi-a-GC ST90027 739	21	4301 8030	-0.131 019	0.02 4188 7	6.08E -08	7738	rs389 2326	C	T	0.480 319	TRUE	reported	igd	29.33 8878 21
868	ebi-a-GC ST90027 740	2	6786 8756	0.099 6851	0.01 9763 2	4.56E -07	7738	rs102 3692	C	T	0.771 282	TRUE	reported	igd	25.44 1690 58
869	ebi-a-GC ST90027 740	7	1389 6625 4	0.161 458	0.03 5436 7	5.21E -06	7738	rs779 4348	A	G	0.054 8254	TRUE	reported	igd	20.75 9294 65
870	ebi-a-GC ST90027 740	8	1175 0592 8	0.075 4182	0.01 6552 2	5.20E -06	7738	rs126 7537 9	C	T	0.515 953	TRUE	reported	igd	20.76 0646 58
871	ebi-a-GC ST90027 740	8	6088 0658	0.073 8045	0.01 6499 3	7.71E -06	7738	rs601 224	C	A	0.387 117	TRUE	reported	igd	20.00 9426 73
872	ebi-a-GC ST90027 740	10	9526 946	-0.140 257	0.02 8244 7	6.84E -07	7738	rs749 4922 9	A	G	0.093 8701	TRUE	reported	igd	24.65 8982 83
873	ebi-a-GC ST90027 740	10	1268 6065 7	0.174 315	0.03 8041 7	4.60E -06	7738	rs345 6609 8	G	A	0.053 8268	TRUE	reported	igd	20.99 6634 47
874	ebi-a-GC ST90027	11	1944 7547	-0.076 171	0.01 6913	6.68E -06	7738	rs107 6655	C	G	0.346 886	TRUE	reported	igd	20.28 1593

	740				7			7							22
875	ebi-a-GC ST90027 741	3	3766 7096	-0.174 418	0.03 9243 4	8.81E -06	7738	rs786 8512 5	T	C	0.066 9123	TRUE	reported	igd	19.75 3740 78
876	ebi-a-GC ST90027 741	5	1880 588	-0.101 685	0.02 3014 2	9.95E -06	7738	rs497 5752	G	T	0.230 866	TRUE	reported	igd	19.52 1897 14
877	ebi-a-GC ST90027 741	8	9415 8704	0.100 53	0.02 1337 7	2.46E -06	7738	rs733 330	G	A	0.337 04	TRUE	reported	igd	22.19 7095 75
878	ebi-a-GC ST90027 741	12	2426 8068	-0.183 66	0.04 1519	9.71E -06	7738	rs752 9832 6	T	A	0.059 2882	TRUE	reported	igd	19.56 7502 15
879	ebi-a-GC ST90027 741	17	3600 2599	0.115 997	0.02 5306	4.57E -06	7738	rs116 5255 9	C	T	0.807 699	TRUE	reported	igd	21.01 0989 57
880	ebi-a-GC ST90027 741	19	7756 26	0.146 411	0.03 3070 1	9.54E -06	7738	rs621 3132 7	C	T	0.104 702	TRUE	reported	igd	19.60 0917 35
881	ebi-a-GC ST90027 741	19	2846 1212	-0.210 453	0.04 3945 6	1.68E -06	7738	rs730 3792 9	T	G	0.053 9829	TRUE	reported	igd	22.93 3980 83
882	ebi-a-GC ST90027 741	20	4387 3729	0.153 275	0.03 3286 2	4.13E -06	7738	rs731 1474 6	T	C	0.099 634	TRUE	reported	igd	21.20 3825 08

883	ebi-a-GC ST90027 742	2	1245 7277 6	-0.128 329	0.02 6495 6	1.28E -06	7738	rs124 7214 7	G	A	0.855 652	TRUE	reported	igd	23.45 8600 69
884	ebi-a-GC ST90027 742	7	1058 1252 5	-0.153 34	0.03 3766 2	5.59E -06	7738	rs176 564	G	A	0.910 342	TRUE	reported	igd	20.62 2748 28
885	ebi-a-GC ST90027 742	10	3387 104	-0.091 3735	0.02 0474 4	8.09E -06	7738	rs107 3697 0	C	T	0.741 775	TRUE	reported	igd	19.91 6735 41
886	ebi-a-GC ST90027 742	11	6931 7280	0.153 277	0.03 2839 3	3.05E -06	7738	rs787 9132 1	A	G	0.080 9067	TRUE	reported	igd	21.78 5433 24
887	ebi-a-GC ST90027 742	12	9161 1380	0.197 354	0.04 2365 3	3.19E -06	7738	rs777 6420 6	C	T	0.050 4393	TRUE	reported	igd	21.70 0577 63
888	ebi-a-GC ST90027 742	14	1035 8851 5	-0.102 229	0.01 8633 3	4.10E -08	7738	rs228 2037	T	C	0.521 969	TRUE	reported	igd	30.10 0150 89
889	ebi-a-GC ST90027 742	19	7892 087	-0.093 5379	0.02 0369 3	4.39E -06	7738	rs129 7965 8	G	A	0.263 676	TRUE	reported	igd	21.08 7399 3
890	ebi-a-GC ST90027 743	1	2406 4759 3	-0.088 8881	0.02 0047 1	9.25E -06	7738	rs942 8844	C	T	0.656 533	TRUE	reported	igd	19.66 0028 04
891	ebi-a-GC	1	2118	0.079	0.01	1.47E	7738	rs127	A	G	0.488	TRUE	reported	igd	23.19

	ST90027 743		0388 1	1433	6433 8	-06		3449 4			92				2753 66
892	ebi-a-GC ST90027 743	4	1829 0488 5	0.096 6807	0.02 1544 8	7.21E -06	7738	rs623 5195 9	T	C	0.197 615	TRUE	reported	igd	20.13 6993 9
893	ebi-a-GC ST90027 743	4	1847 2094 7	0.145 092	0.03 2507 2	8.07E -06	7738	rs126 4653 7	G	A	0.065 3836	TRUE	reported	igd	19.92 1764 78
894	ebi-a-GC ST90027 743	6	1281 8142	-0.073 6587	0.01 6671 7	9.95E -06	7738	rs471 1841	C	G	0.384 336	TRUE	reported	igd	19.52 0382 62
895	ebi-a-GC ST90027 743	6	1324 5841 9	-0.075 0869	0.01 6855 2	8.40E -06	7738	rs489 5929	T	C	0.386 573	TRUE	reported	igd	19.84 5430 71
896	ebi-a-GC ST90027 743	13	2365 6934	-0.152 808	0.03 3767	6.03E -06	7738	rs590 3385 2	C	T	0.064 9189	TRUE	reported	igd	20.47 8928 4
897	ebi-a-GC ST90027 743	14	3305 3536	-0.118 366	0.02 4490 3	1.34E -06	7738	rs116 2641 6	A	G	0.125 363	TRUE	reported	igd	23.35 9617 8
898	ebi-a-GC ST90027 743	14	7848 5536	0.130 845	0.02 9255 9	7.73E -06	7738	rs780 2642 5	G	C	0.085 1163	TRUE	reported	igd	20.00 2640 86
899	ebi-a-GC ST90027	16	8537 4721	0.124 83	0.02 6126	1.77E -06	7738	rs795 9802	T	C	0.119 662	TRUE	reported	igd	22.82 7700

	743				9			8							97
900	ebi-a-GC ST90027 743	16	6246 5518	-0.081 6041	0.01 6839 5	1.26E -06	7738	rs967 3456	G	T	0.419 921	TRUE	reported	igd	23.48 3648 66
901	ebi-a-GC ST90027 743	16	8610 6253	0.131 772	0.02 6505 3	6.64E -07	7738	rs740 3421 5	C	T	0.111 825	TRUE	reported	igd	24.71 6150 26
902	ebi-a-GC ST90027 743	21	3537 0488	-0.077 4573	0.01 6153 1	1.63E -06	7738	rs283 4333	A	C	0.537 174	TRUE	reported	igd	22.99 3916 25
903	ebi-a-GC ST90027 743	22	4687 1094	-0.084 4243	0.01 8687 8	6.25E -06	7738	rs713 716	A	G	0.252 325	TRUE	reported	igd	20.40 8852 25
904	ebi-a-GC ST90027 744	1	1383 9382	0.083 9456	0.01 8587 2	6.29E -06	7738	rs299 0682	G	C	0.304 642	TRUE	reported	igd	20.39 7076 8
905	ebi-a-GC ST90027 744	2	1509 4817 8	-0.127 534	0.02 8726 7	9.01E -06	7738	rs739 6673 8	C	G	0.102 434	TRUE	reported	igd	19.70 9721 35
906	ebi-a-GC ST90027 744	8	1308 3611 8	-0.082 1294	0.01 7509 2	2.72E -06	7738	rs100 8705 6	A	C	0.385 711	TRUE	reported	igd	22.00 2128 32
907	ebi-a-GC ST90027 744	11	1247 1870 7	0.095 3862	0.01 9663 7	1.23E -06	7738	rs112 1980 5	C	T	0.264 005	TRUE	reported	igd	23.53 1012 57

908	ebi-a-GC ST90027 744	19	2048 4610	-0.152 488	0.03 3986 1	7.23E -06	7738	rs735 3955 4	T	C	0.086 1849	TRUE	reported	igd	20.13 1154 17
909	ebi-a-GC ST90027 744	20	4803 3171	-0.085 199	0.01 8658	4.96E -06	7738	rs237 461	C	T	0.290 792	TRUE	reported	igd	20.85 1572 73
910	ebi-a-GC ST90027 745	3	1683 2605 6	0.197 277	0.04 3940 9	7.14E -06	7738	rs113 1172 01	T	C	0.058 8079	TRUE	reported	igd	20.15 6494 95
911	ebi-a-GC ST90027 745	4	1469 7797 9	0.085 1979	0.01 8958 5	6.99E -06	7738	rs131 3831 3	T	C	0.414 534	TRUE	reported	igd	20.19 5277 94
912	ebi-a-GC ST90027 745	5	3977 4566	-0.180 471	0.03 8196 5	2.30E -06	7738	rs131 6633 9	G	A	0.065 9301	TRUE	reported	igd	22.32 3778 78
913	ebi-a-GC ST90027 745	5	4405 5894	0.229 237	0.04 4755 1	3.02E -07	7738	rs115 5340 05	C	T	0.050 7977	TRUE	reported	igd	26.23 5199 37
914	ebi-a-GC ST90027 745	6	1275 2767	0.190 137	0.04 2740 9	8.64E -06	7738	rs112 5729 80	G	A	0.052 7728	TRUE	reported	igd	19.79 0007 04
915	ebi-a-GC ST90027 746	10	1272 9703 8	-0.194 969	0.04 3794 4	8.51E -06	7738	rs122 5496 5	G	A	0.139 658	TRUE	reported	igd	19.81 9558 09
916	ebi-a-GC	12	1500	0.225	0.05	7.25E	7738	rs713	A	G	0.087	TRUE	reported	igd	20.12

	ST90027 746		603	746	0319 9	-06		2825			0785				6144 61
917	ebi-a-GC ST90027 746	17	3620 5502	-0.156 6	0.03 3411 1	2.77E -06	7738	rs561 6205 2	C	T	0.724 504	TRUE	reported	igd	21.96 8579 04
918	ebi-a-GC ST90027 747	2	3805 0232	-0.090 1992	0.02 0143 4	7.54E -06	7738	rs467 0221	G	C	0.308 248	TRUE	reported	igd	20.05 1174 55
919	ebi-a-GC ST90027 747	2	1672 0355	0.090 9006	0.01 9938 5	5.14E -06	7738	rs127 1073 1	T	C	0.290 693	TRUE	reported	igd	20.78 4928 48
920	ebi-a-GC ST90027 747	4	1512 9508 5	0.092 8213	0.02 072	7.47E -06	7738	rs682 3767	C	T	0.261 341	TRUE	reported	igd	20.06 8540 58
921	ebi-a-GC ST90027 747	5	1188 3600 4	0.106 828	0.02 3637 4	6.20E -06	7738	rs129 8928	G	T	0.182 956	TRUE	reported	igd	20.42 5410 17
922	ebi-a-GC ST90027 747	5	2499 0890	0.190 993	0.03 9289	1.17E -06	7738	rs680 5831 3	T	C	0.064 1869	TRUE	reported	igd	23.63 1590 4
923	ebi-a-GC ST90027 747	6	2009 7305	-0.124 432	0.02 5993 9	1.69E -06	7738	rs936 8149	G	A	0.172 487	TRUE	reported	igd	22.91 5074 61
924	ebi-a-GC ST90027	6	3770 7962	0.108 91	0.02 3452	3.42E -06	7738	rs361 1930	T	A	0.197 307	TRUE	reported	igd	21.56 5569

	747				4			6							45
925	ebi-a-GC ST90027 747	10	2005 604	0.088 363	0.01 9934 5	9.31E -06	7738	rs791 2369	G	A	0.702 824	TRUE	reported	igd	19.64 8536 59
926	ebi-a-GC ST90027 747	11	6757 7945	-0.085 2408	0.01 8956	6.90E -06	7738	rs748 2174	G	A	0.586 38	TRUE	reported	igd	20.22 0953 66
927	ebi-a-GC ST90027 747	12	1150 8526 7	-0.105 929	0.02 0255 9	1.70E -07	7738	rs559 2613 1	T	C	0.611 517	TRUE	reported	igd	27.34 8068 33
928	ebi-a-GC ST90027 747	12	6540 5314	-0.089 4474	0.01 9078 2	2.75E -06	7738	rs166 570	G	C	0.636 465	TRUE	reported	igd	21.98 1668 19
929	ebi-a-GC ST90027 747	15	3781 6202	0.109 955	0.02 2903 5	1.58E -06	7738	rs358 9564 2	T	C	0.198 579	TRUE	reported	igd	23.04 7629 16
930	ebi-a-GC ST90027 747	16	1008 2174	-0.099 981	0.02 2310 2	7.41E -06	7738	rs153 2932	G	A	0.786 723	TRUE	reported	igd	20.08 2973 97
931	ebi-a-GC ST90027 747	17	4786 0915	0.127 237	0.02 4443 7	1.94E -07	7738	rs790 4157 9	A	G	0.182 9	TRUE	reported	igd	27.09 5236 84
932	ebi-a-GC ST90027 747	19	2272 309	0.109 57	0.02 4181 6	5.87E -06	7738	rs252 3176	T	C	0.204 089	TRUE	reported	igd	20.53 1149 12

933	ebi-a-GC ST90027 748	2	1366 1675 4	-0.139 992	0.01 9101 8	2.32E -13	7738	rs182 549	T	C	0.756 083	TRUE	reported	igd	53.71 0333 51
934	ebi-a-GC ST90027 748	2	1010 5414 9	0.082 2081	0.01 8032 3	5.14E -06	7738	rs485 1317	G	T	0.693 881	TRUE	reported	igd	20.78 3896 63
935	ebi-a-GC ST90027 748	3	6301 2872	-0.150 322	0.03 268	4.23E -06	7738	rs744 5240 6	T	C	0.072 7759	TRUE	reported	igd	21.15 8310 93
936	ebi-a-GC ST90027 748	4	1651 3038 0	0.072 5887	0.01 6133 9	6.82E -06	7738	rs623 4798 3	G	C	0.489 964	TRUE	reported	igd	20.24 2274 77
937	ebi-a-GC ST90027 748	4	1408 0268 9	-0.119 768	0.02 6925 4	8.66E -06	7738	rs795 981	T	C	0.119 956	TRUE	reported	igd	19.78 5966 39
938	ebi-a-GC ST90027 748	5	7962 8446	0.089 4152	0.01 9194 9	3.19E -06	7738	rs353 4439 0	T	C	0.236 588	TRUE	reported	igd	21.69 9563 45
939	ebi-a-GC ST90027 748	5	5541 0143	-0.103 537	0.02 3416	9.79E -06	7738	rs318 801	A	G	0.176 296	TRUE	reported	igd	19.55 0854 12
940	ebi-a-GC ST90027 748	6	9289 9617	-0.084 3425	0.01 6522 8	3.31E -07	7738	rs219 7344	C	G	0.616 961	TRUE	reported	igd	26.05 7074 08
941	ebi-a-GC	12	1196	-0.125	0.02	1.06E	7738	rs619	C	T	0.149	TRUE	reported	igd	28.25

	ST90027 748		6390 6	014	3519 1	-07		3948 6			904				3737 45
942	ebi-a-GC ST90027 748	15	2403 8174	0.104 148	0.02 0510 3	3.82E -07	7738	rs926 010	A	C	0.765 59	TRUE	reported	igd	25.78 4448 3
943	ebi-a-GC ST90027 748	18	7521 9184	-0.087 1341	0.01 9061 7	4.85E -06	7738	rs129 5536 5	G	T	0.394 177	TRUE	reported	igd	20.89 5513 06
944	ebi-a-GC ST90027 748	20	1749 6742	0.079 9453	0.01 6899 9	2.24E -06	7738	rs604 4857	G	A	0.389 459	TRUE	reported	igd	22.37 7811 1
945	ebi-a-GC ST90027 749	1	2422 2334 3	0.080 857	0.01 7467 3	3.67E -06	7738	rs101 5893 9	A	G	0.375 746	TRUE	reported	igd	21.42 8101 22
946	ebi-a-GC ST90027 749	1	6044 8209	0.129 821	0.02 8840 2	6.75E -06	7738	rs280 7619	T	C	0.089 1517	TRUE	reported	igd	20.26 2515 72
947	ebi-a-GC ST90027 749	2	6786 8756	-0.098 6518	0.01 9897 6	7.12E -07	7738	rs102 3692	C	T	0.771 301	TRUE	reported	igd	24.58 1514 43
948	ebi-a-GC ST90027 749	3	1501 9767 6	0.086 7353	0.01 9076 8	5.45E -06	7738	rs984 3097	T	C	0.240 726	TRUE	reported	igd	20.67 1915 29
949	ebi-a-GC ST90027	4	1771 7575	-0.085 2199	0.01 8601	4.62E -06	7738	rs260 3095	T	G	0.743 202	TRUE	reported	igd	20.98 8501

	749		2		6										75
950	ebi-a-GC ST90027 749	7	4350 3949	0.099 5841	0.02 1881 6	5.34E -06	7738	rs730 9873 2	A	G	0.170 003	TRUE	reported	igd	20.71 1991 34
951	ebi-a-GC ST90027 749	9	3484 2242	0.164 662	0.03 1108 2	1.20E -07	7738	rs132 8336 3	G	A	0.086 3951	TRUE	reported	igd	28.01 7992 02
952	ebi-a-GC ST90027 749	10	9526 946	0.147 336	0.02 8436 7	2.20E -07	7738	rs749 4922 9	A	G	0.093 8822	TRUE	reported	igd	26.84 4749 61
953	ebi-a-GC ST90027 749	11	4745 154	0.083 8952	0.01 7550 8	1.75E -06	7738	rs108 3653 2	T	G	0.351 076	TRUE	reported	igd	22.84 9694 24
954	ebi-a-GC ST90027 749	15	8768 9365	0.176 793	0.03 9232 2	6.60E -06	7738	rs285 3885 7	T	C	0.053 0423	TRUE	reported	igd	20.30 6954 97
955	ebi-a-GC ST90027 749	17	7249 870	-0.101 75	0.02 1845 7	3.20E -06	7738	rs116 5740 6	T	G	0.166 085	TRUE	reported	igd	21.69 3863 6
956	ebi-a-GC ST90027 749	17	7249 8434	-0.083 4354	0.01 8858 5	9.68E -06	7738	rs783 253	C	T	0.721 46	TRUE	reported	igd	19.57 4307 77
957	ebi-a-GC ST90027 749	18	6874 7115	-0.171 532	0.03 6474 9	2.57E -06	7738	rs269 8177	G	A	0.945 889	TRUE	reported	igd	22.11 5770 93

958	ebi-a-GC ST90027 750	2	6786 8756	0.098 1321	0.01 9790 8	7.10E -07	7738	rs102 3692	C	T	0.771 282	TRUE	reported	igd	24.58 6430 72
959	ebi-a-GC ST90027 750	4	1771 8135 7	0.090 5641	0.01 8474 6	9.48E -07	7738	rs119 4093 1	A	G	0.742 659	TRUE	reported	igd	24.03 0458 82
960	ebi-a-GC ST90027 750	7	1389 6625 4	0.160 069	0.03 5486 1	6.46E -06	7738	rs779 4348	A	G	0.054 8254	TRUE	reported	igd	20.34 6884 48
961	ebi-a-GC ST90027 750	10	1268 6065 7	0.171 436	0.03 8094 8	6.79E -06	7738	rs345 6609 8	G	A	0.053 8268	TRUE	reported	igd	20.25 2220 84
962	ebi-a-GC ST90027 750	10	9526 946	-0.143 121	0.02 8284 1	4.19E -07	7738	rs749 4922 9	A	G	0.093 8701	TRUE	reported	igd	25.60 4835 85
963	ebi-a-GC ST90027 750	11	1945 0687	-0.075 4361	0.01 6933 8	8.40E -06	7738	rs108 3311 0	A	C	0.346 437	TRUE	reported	igd	19.84 4931 44
964	ebi-a-GC ST90027 750	17	2677 516	0.132 672	0.02 9047 9	4.94E -06	7738	rs784 1622 3	A	G	0.105 284	TRUE	reported	igd	20.86 0709 27
965	ebi-a-GC ST90027 751	1	5720 1691	0.074 9198	0.01 6577 5	6.20E -06	7738	rs857 127	G	T	0.528 904	TRUE	reported	igd	20.42 4674 57
966	ebi-a-GC	2	2054	0.090	0.01	4.04E	7738	rs144	T	C	0.757	TRUE	reported	igd	21.24

	ST90027 751		0237 0	1888	9566 1	-06		7497			996				6954 08
967	ebi-a-GC ST90027 751	2	4437 4984	0.078 305	0.01 6937 5	3.78E -06	7738	rs200 4833	T	G	0.651 453	TRUE	reported	igd	21.37 3732 58
968	ebi-a-GC ST90027 751	3	1425 4108 3	0.167 43	0.03 6739 7	5.18E -06	7738	rs732 3272 4	T	C	0.051 5544	TRUE	reported	igd	20.76 8031 94
969	ebi-a-GC ST90027 751	4	8661 140	-0.121 611	0.02 6962 4	6.47E -06	7738	rs680 1059 2	G	A	0.102 02	TRUE	reported	igd	20.34 3638 25
970	ebi-a-GC ST90027 751	4	1820 8594 6	0.138 401	0.03 1028	8.18E -06	7738	rs799 6590 3	G	A	0.073 8342	TRUE	reported	igd	19.89 6234 48
971	ebi-a-GC ST90027 751	6	4200 7468	0.122 143	0.02 6644 1	4.56E -06	7738	rs126 6113 1	T	C	0.109 594	TRUE	reported	igd	21.01 5273 93
972	ebi-a-GC ST90027 751	6	7748 2882	0.093 2157	0.02 0558 9	5.79E -06	7738	rs109 4337 8	A	G	0.198 179	TRUE	reported	igd	20.55 7882 63
973	ebi-a-GC ST90027 751	16	8611 7606	0.102 889	0.02 0554 4	5.57E -07	7738	rs284 3183 7	A	G	0.193 058	TRUE	reported	igd	25.05 6954 52
974	ebi-a-GC ST90027	16	6508 8804	-0.160 888	0.03 2422	6.97E -07	7738	rs125 9826	T	C	0.070 4435	TRUE	reported	igd	24.62 3756

	751				5			8							52
975	ebi-a-GC ST90027 751	17	1079 174	-0.079 2222	0.01 7550 4	6.36E -06	7738	rs352 2358 6	G	A	0.453 392	TRUE	reported	igd	20.37 6038 8
976	ebi-a-GC ST90027 752	2	1672 0355	0.090 8999	0.01 9938 5	5.14E -06	7738	rs127 1073 1	T	C	0.290 693	TRUE	reported	igd	20.78 4608 36
977	ebi-a-GC ST90027 752	2	3805 0232	-0.090 1857	0.02 0143 4	7.56E -06	7738	rs467 0221	G	C	0.308 248	TRUE	reported	igd	20.04 5172 93
978	ebi-a-GC ST90027 752	4	1512 9508 5	0.092 8241	0.02 072	7.47E -06	7738	rs682 3767	C	T	0.261 341	TRUE	reported	igd	20.06 9751 36
979	ebi-a-GC ST90027 752	5	2499 0890	0.191 006	0.03 9289	1.16E -06	7738	rs680 5831 3	T	C	0.064 1869	TRUE	reported	igd	23.63 4807 5
980	ebi-a-GC ST90027 752	5	1188 3600 4	0.106 846	0.02 3637 4	6.18E -06	7738	rs129 8928	G	T	0.182 956	TRUE	reported	igd	20.43 2293 91
981	ebi-a-GC ST90027 752	6	3770 7962	0.108 912	0.02 3452 4	3.42E -06	7738	rs361 1930 6	T	A	0.197 307	TRUE	reported	igd	21.56 6361 51
982	ebi-a-GC ST90027 752	6	2009 7305	-0.124 428	0.02 5993 9	1.69E -06	7738	rs936 8149	G	A	0.172 487	TRUE	reported	igd	22.91 3601 37

983	ebi-a-GC ST90027 752	10	2005 604	0.088 365	0.01 9934 5	9.30E -06	7738	rs791 2369	G	A	0.702 824	TRUE	reported	igd	19.64 9426 05
984	ebi-a-GC ST90027 752	11	6757 7945	-0.085 2574	0.01 8956	6.87E -06	7738	rs748 2174	G	A	0.586 38	TRUE	reported	igd	20.22 8830 18
985	ebi-a-GC ST90027 752	12	6540 5314	-0.089 4324	0.01 9078 3	2.76E -06	7738	rs166 570	G	C	0.636 465	TRUE	reported	igd	21.97 4065 96
986	ebi-a-GC ST90027 752	12	1150 8526 7	-0.105 945	0.02 0256	1.69E -07	7738	rs559 2613 1	T	C	0.611 517	TRUE	reported	igd	27.35 6060 4
987	ebi-a-GC ST90027 752	15	3781 6202	0.109 958	0.02 2903 5	1.58E -06	7738	rs358 9564 2	T	C	0.198 579	TRUE	reported	igd	23.04 8886 83
988	ebi-a-GC ST90027 752	16	1008 2174	-0.099 9821	0.02 2310 2	7.41E -06	7738	rs153 2932	G	A	0.786 723	TRUE	reported	igd	20.08 3415 88
989	ebi-a-GC ST90027 752	17	4786 0915	0.127 256	0.02 4443 8	1.93E -07	7738	rs790 4157 9	A	G	0.182 9	TRUE	reported	igd	27.10 3107 82
990	ebi-a-GC ST90027 752	19	2272 309	0.109 569	0.02 4181 6	5.87E -06	7738	rs252 3176	T	C	0.204 089	TRUE	reported	igd	20.53 0774 36
991	ebi-a-GC	1	9891	-0.168	0.03	1.00E	7738	rs157	C	A	0.274	TRUE	reported	igd	19.51

	ST90027 753		1950	022	8037 8	-05		6176			76				1987 93
992	ebi-a-GC ST90027 753	1	9501 1698	0.239 717	0.05 3312 8	6.91E -06	7738	rs616 801	A	G	0.120 176	TRUE	reported	igd	20.21 7836 64
993	ebi-a-GC ST90027 753	2	1299 1546 7	-0.266 492	0.05 4099 4	8.39E -07	7738	rs170 4917 7	A	G	0.112 621	TRUE	reported	igd	24.26 5176 54
994	ebi-a-GC ST90027 753	12	2834 412	0.161 843	0.03 4311	2.39E -06	7738	rs888 195	C	G	0.332 147	TRUE	reported	igd	22.24 9542 67
995	ebi-a-GC ST90027 754	2	3668 657	0.082 2314	0.01 8284	6.88E -06	7738	rs485 0073	C	A	0.553 973	TRUE	reported	igd	20.22 7068 41
996	ebi-a-GC ST90027 754	2	1367 0798 2	0.155 851	0.02 0817	7.06E -14	7738	rs675 4311	C	T	0.251 472	TRUE	reported	igd	56.05 0940 22
997	ebi-a-GC ST90027 754	4	6260 0423	0.097 1883	0.01 8640 4	1.85E -07	7738	rs435 1047	G	A	0.366 75	TRUE	reported	igd	27.18 4260 05
998	ebi-a-GC ST90027 754	5	7964 4688	0.079 1831	0.01 7899 7	9.70E -06	7738	rs100 6305 4	G	C	0.467 107	TRUE	reported	igd	19.56 9219 12
999	ebi-a-GC ST90027	6	1691 8558	0.111 628	0.02 4676	6.08E -06	7738	rs645 5422	G	A	0.847 819	TRUE	reported	igd	20.46 3630

	754		9		4										46
100 0	ebi-a-GC ST90027 754	6	9288 5622	-0.082 761	0.01 7931 7	3.92E -06	7738	rs425 6405	C	T	0.548 601	TRUE	reported	igd	21.30 1418 77
100 1	ebi-a-GC ST90027 754	8	1068 8064 9	0.099 5351	0.02 1494 7	3.64E -06	7738	rs119 8653 7	T	C	0.214 997	TRUE	reported	igd	21.44 3207
100 2	ebi-a-GC ST90027 754	9	3406 7427	0.165 532	0.03 6353 8	5.28E -06	7738	rs144 7702 62	A	G	0.067 3369	TRUE	reported	igd	20.73 3102 63
100 3	ebi-a-GC ST90027 754	9	9557 9816	0.084 4345	0.01 8439 7	4.67E -06	7738	rs411 0696	G	A	0.518 612	TRUE	reported	igd	20.96 6800 83
100 4	ebi-a-GC ST90027 754	13	9938 4317	0.145 65	0.03 1753 5	4.50E -06	7738	rs464 6215	G	A	0.105 415	TRUE	reported	igd	21.03 9614 3
100 5	ebi-a-GC ST90027 754	14	5566 6085	0.184 682	0.04 0004 3	3.90E -06	7738	rs743 9415 6	T	C	0.055 4058	TRUE	reported	igd	21.31 2568 25
100 6	ebi-a-GC ST90027 754	16	8566 9376	0.103 317	0.02 2432 9	4.11E -06	7738	rs804 5380	T	C	0.302 176	TRUE	reported	igd	21.21 1566 04
100 7	ebi-a-GC ST90027 755	1	3017 2044	-0.152 155	0.03 1619 2	1.49E -06	7738	rs722 497	T	C	0.431 651	TRUE	reported	igd	23.15 6381 8

100 8	ebi-a-GC ST90027 755	2	2060 2581 3	-0.169 775	0.03 5471 9	1.70E -06	7738	rs849 116	C	T	0.733 871	TRUE	reported	igd	22.90 7546 43
100 9	ebi-a-GC ST90027 755	2	1724 6095 4	-0.154 629	0.03 4869 5	9.23E -06	7738	rs577 1173 6	A	G	0.288 477	TRUE	reported	igd	19.66 4841 69
101 0	ebi-a-GC ST90027 755	2	9711 055	-0.249 613	0.05 3605 4	3.22E -06	7738	rs174 5352 1	A	G	0.105 451	TRUE	reported	igd	21.68 2897 55
101 1	ebi-a-GC ST90027 755	3	1939 2257 4	-0.303 243	0.06 8387 4	9.24E -06	7738	rs766 3186 2	T	G	0.070 7669	TRUE	reported	igd	19.66 2076 59
101 2	ebi-a-GC ST90027 755	3	8743 076	0.315 157	0.06 8015	3.59E -06	7738	rs984 8175	G	A	0.059 1492	TRUE	reported	igd	21.47 0616 3
101 3	ebi-a-GC ST90027 755	4	1858 7467 5	0.208 894	0.04 4876	3.24E -06	7738	rs486 1647	C	T	0.150 116	TRUE	reported	igd	21.66 8240 81
101 4	ebi-a-GC ST90027 755	4	1662 7101 2	-0.149 671	0.03 3450 6	7.66E -06	7738	rs125 1275 7	A	T	0.324 977	TRUE	reported	igd	20.02 0157 81
101 5	ebi-a-GC ST90027 755	9	3387 5214	-0.340 244	0.07 1420 5	1.90E -06	7738	rs625 5592 7	G	A	0.060 6565	TRUE	reported	igd	22.69 5260 83
101	ebi-a-GC	9	1361	-0.252	0.03	7.51E	7738	rs494	T	C	0.303	TRUE	reported	igd	55.92

6	ST90027 755		4511 8	706	3790 5	-14		242			245				9620 28
101 7	ebi-a-GC ST90027 755	12	6345 1202	-0.155 664	0.03 4614 1	6.89E -06	7738	rs105 0646 1	A	G	0.301 291	TRUE	reported	igd	20.22 4150 3
101 8	ebi-a-GC ST90027 755	13	3094 1441	0.159 013	0.03 4659 3	4.48E -06	7738	rs733 4864	A	G	0.340 897	TRUE	reported	igd	21.04 8719 86
101 9	ebi-a-GC ST90027 755	13	1148 2750 0	-0.153 082	0.03 3519 2	4.95E -06	7738	rs952 5230	G	A	0.650 34	TRUE	reported	igd	20.85 7438 21
102 0	ebi-a-GC ST90027 755	15	6002 1637	0.245 762	0.05 3298 2	4.01E -06	7738	rs116 3024 4	G	A	0.905 194	TRUE	reported	igd	21.26 2013 08
102 1	ebi-a-GC ST90027 755	18	7476 6684	0.321 324	0.06 1689 3	1.90E -07	7738	rs593 4018 8	T	C	0.072 011	TRUE	reported	igd	27.13 1052 69
102 2	ebi-a-GC ST90027 755	18	6753 3332	0.143 906	0.03 2328 4	8.53E -06	7738	rs562 4971 3	C	T	0.418 761	TRUE	reported	igd	19.81 4785 78
102 3	ebi-a-GC ST90027 756	3	1325 1228 0	0.220 754	0.04 6915 4	2.53E -06	7738	rs359 4864 6	A	G	0.261 115	TRUE	reported	igd	22.14 0443 51
102 4	ebi-a-GC ST90027	5	1064 2897	-0.354 719	0.08 0292	9.97E -06	7738	rs796 5141	C	T	0.080 9987	TRUE	reported	igd	19.51 7118

	756		4		8			1							4
102 5	ebi-a-GC ST90027 756	6	9069 9279	-0.199 344	0.04 4989 3	9.38E -06	7738	rs945 1310	G	C	0.434 209	TRUE	reported	igd	19.63 3054 18
102 6	ebi-a-GC ST90027 756	7	6203 231	-0.280 431	0.06 1017 6	4.31E -06	7738	rs695 3241	G	A	0.143 714	TRUE	reported	igd	21.12 2328 77
102 7	ebi-a-GC ST90027 756	9	2624 5338	-0.379 147	0.08 4205 1	6.71E -06	7738	rs769 9385 9	G	A	0.066 5616	TRUE	reported	igd	20.27 3953 97
102 8	ebi-a-GC ST90027 756	12	1254 0971 6	-0.252 223	0.05 4614 5	3.87E -06	7738	rs125 8089 9	C	G	0.166 96	TRUE	reported	igd	21.32 8162 94
102 9	ebi-a-GC ST90027 756	18	6265 012	0.388 075	0.08 6819 6	7.83E -06	7738	rs801 3349 9	A	C	0.078 645	TRUE	reported	igd	19.98 0013 21
103 0	ebi-a-GC ST90027 757	2	3512 7980	-0.087 6715	0.01 8818	3.18E -06	7738	rs133 9173 1	G	A	0.321 654	TRUE	reported	igd	21.70 5507 56
103 1	ebi-a-GC ST90027 757	2	7563 7636	-0.122 113	0.02 7303 2	7.73E -06	7738	rs654 6996	G	A	0.125 529	TRUE	reported	igd	20.00 3072 13
103 2	ebi-a-GC ST90027 757	2	1364 0747 9	0.115 634	0.02 0905 4	3.18E -08	7738	rs144 6585	G	A	0.228 12	TRUE	reported	igd	30.59 5259 04

103 3	ebi-a-GC ST90027 757	3	2164 7818	0.128 654	0.02 6377 5	1.07E -06	7738	rs678 0177	T	C	0.133 534	TRUE	reported	igd	23.78 9171 84
103 4	ebi-a-GC ST90027 757	4	1182 1585 3	0.097 8871	0.02 0727 3	2.33E -06	7738	rs100 3319 0	C	T	0.751 453	TRUE	reported	igd	22.30 3111 63
103 5	ebi-a-GC ST90027 757	4	8428 6100	-0.086 3411	0.01 9192 3	6.84E -06	7738	rs117 2191 9	G	C	0.494 196	TRUE	reported	igd	20.23 8629 85
103 6	ebi-a-GC ST90027 757	6	1602 451	-0.155 642	0.03 1184 7	6.01E -07	7738	rs776 1703	T	A	0.099 0624	TRUE	reported	igd	24.90 9812 86
103 7	ebi-a-GC ST90027 757	8	1276 7882 6	0.099 0459	0.02 2353 2	9.38E -06	7738	rs132 6408 5	A	T	0.195 272	TRUE	reported	igd	19.63 3313 33
103 8	ebi-a-GC ST90027 757	8	7443 2076	0.082 5932	0.01 8483 7	7.88E -06	7738	rs117 8642 6	G	A	0.349 925	TRUE	reported	igd	19.96 6905 54
103 9	ebi-a-GC ST90027 757	12	1020 7587 0	0.177 891	0.03 9763 1	7.69E -06	7738	rs770 1956 7	A	T	0.053 3973	TRUE	reported	igd	20.01 4626 14
104 0	ebi-a-GC ST90027 757	12	3069 9515	-0.092 5649	0.02 0538 7	6.58E -06	7738	rs108 4377 6	G	T	0.257 126	TRUE	reported	igd	20.31 1723 21
104	ebi-a-GC	12	1196	0.155	0.03	3.45E	7738	rs734	A	G	0.078	TRUE	reported	igd	21.54

1	ST90027 757		4400 4	347	3465 6	-06		1205 1			7996				8076 56
104 2	ebi-a-GC ST90027 758	1	1566 5976 8	-0.122 325	0.02 5329 2	1.37E -06	7738	rs753 2302	T	C	0.667 952	TRUE	reported	igd	23.32 3165 95
104 3	ebi-a-GC ST90027 758	2	1634 5561	0.212 645	0.04 5760 4	3.37E -06	7738	rs148 8833 44	A	C	0.084 8704	TRUE	reported	igd	21.59 3882 15
104 4	ebi-a-GC ST90027 758	4	1228 7780 9	-0.136 352	0.03 0817 2	9.67E -06	7738	rs726 8261 3	T	C	0.186 661	TRUE	reported	igd	19.57 6573 14
104 5	ebi-a-GC ST90027 758	6	1637 4032 2	-0.108 442	0.02 4483 9	9.46E -06	7738	rs934 7737	G	A	0.422 944	TRUE	reported	igd	19.61 7056 52
104 6	ebi-a-GC ST90027 758	8	8431 5197	0.118 588	0.02 6793 4	9.60E -06	7738	rs625 2967 8	A	G	0.286 471	TRUE	reported	igd	19.58 9611 98
104 7	ebi-a-GC ST90027 758	9	1286 6508	-0.255 589	0.05 4321 3	2.54E -06	7738	rs609 909	C	G	0.946 447	TRUE	reported	igd	22.13 8286 73
104 8	ebi-a-GC ST90027 758	13	3731 8533	-0.221 358	0.04 8134 1	4.25E -06	7738	rs735 4636 4	T	C	0.070 5586	TRUE	reported	igd	21.14 8751 43
104 9	ebi-a-GC ST90027	4	7248 5401	-0.183 639	0.04 1161	8.14E -06	7738	rs117 3680	T	C	0.051 7446	TRUE	reported	igd	19.90 4228

	759				6			1							21
105 0	ebi-a-GC ST90027 759	6	9219 2361	0.165 776	0.03 6645 3	6.07E -06	7738	rs175 5378 6	T	C	0.062 4097	TRUE	reported	igd	20.46 4764 43
105 1	ebi-a-GC ST90027 759	8	1284 5569 4	-0.103 329	0.02 3338 5	9.54E -06	7738	rs783 1606	A	T	0.160 938	TRUE	reported	igd	19.60 1918 22
105 2	ebi-a-GC ST90027 759	9	1361 4659 7	0.108 642	0.01 9374 6	2.05E -08	7738	rs550 057	T	C	0.251 842	TRUE	reported	igd	31.44 3437 17
105 3	ebi-a-GC ST90027 759	10	5138 104	0.177 381	0.03 9282 4	6.32E -06	7738	rs727 7401 5	A	G	0.051 1835	TRUE	reported	igd	20.39 0044 36
105 4	ebi-a-GC ST90027 759	11	1227 2720	0.104 615	0.02 2938 5	5.10E -06	7738	rs618 7716 9	G	A	0.166 305	TRUE	reported	igd	20.79 9739 16
105 5	ebi-a-GC ST90027 759	12	1284 6257 4	0.146 989	0.03 2600 9	6.52E -06	7738	rs619 4066 9	A	G	0.113 419	TRUE	reported	igd	20.32 8741 4
105 6	ebi-a-GC ST90027 759	14	9502 4931	-0.080 5696	0.01 8050 7	8.06E -06	7738	rs714 7611	A	G	0.655 985	TRUE	reported	igd	19.92 2980 89
105 7	ebi-a-GC ST90027 759	17	6458 5285	0.124 891	0.02 5923 6	1.45E -06	7738	rs728 4594 0	T	G	0.125 286	TRUE	reported	igd	23.20 9814 14

1058	ebi-a-GC ST90027 759	20	5503 0081	0.099 0318	0.02 0386 6	1.19E -06	7738	rs386 274	A	C	0.220 805	TRUE	reported	igd	23.59 7160 26
1059	ebi-a-GC ST90027 760	2	1030 6546 7	-0.345 992	0.07 6213 7	5.63E -06	7738	rs141 3066 64	G	A	0.050 3485	TRUE	reported	igd	20.60 9431 97
1060	ebi-a-GC ST90027 760	11	2018 8946	-0.341 169	0.07 5768 1	6.71E -06	7738	rs353 1516 7	T	C	0.050 8565	TRUE	reported	igd	20.27 5255 3
1061	ebi-a-GC ST90027 760	14	2766 6390	-0.284 764	0.06 3365 3	6.99E -06	7738	rs124 5457	T	G	0.926 66	TRUE	reported	igd	20.19 6084 48
1062	ebi-a-GC ST90027 761	1	2548 4633	-0.205 731	0.04 5073 5	5.01E -06	7738	rs755 3861	G	T	0.662 171	TRUE	reported	igd	20.83 3244 4
1063	ebi-a-GC ST90027 761	3	6984 0865	-0.295 81	0.06 6544 4	8.78E -06	7738	rs126 3775 4	G	A	0.130 241	TRUE	reported	igd	19.76 0715 96
1064	ebi-a-GC ST90027 761	5	1094 0194 0	0.209 792	0.04 4229	2.10E -06	7738	rs296 6752	G	A	0.594 667	TRUE	reported	igd	22.49 9020 22
1065	ebi-a-GC ST90027 761	8	3804 179	0.310 466	0.06 6834 6	3.40E -06	7738	rs624 8163 7	C	T	0.118 952	TRUE	reported	igd	21.57 8705 42
106	ebi-a-GC	2	2008	-0.082	0.01	3.99E	7738	rs203	C	T	0.328	TRUE	reported	igd	21.26

6	ST90027 762		9787 3	3321	7852 2	-06		770			44				9383 33
106 7	ebi-a-GC ST90027 762	2	1375 3690 4	-0.081 7186	0.01 6692 9	9.81E -07	7738	rs246 5095	G	A	0.417 237	TRUE	reported	igd	23.96 5045 17
106 8	ebi-a-GC ST90027 762	4	2706 103	0.075 2817	0.01 6888 8	8.29E -06	7738	rs557 1204 2	G	A	0.536 767	TRUE	reported	igd	19.86 9239 74
106 9	ebi-a-GC ST90027 762	7	3613 4000	0.131 635	0.02 9616 5	8.80E -06	7738	rs270 0958	A	G	0.091 2533	TRUE	reported	igd	19.75 4920 61
107 0	ebi-a-GC ST90027 762	16	7366 0160	0.086 934	0.01 7841 3	1.10E -06	7738	rs124 4908 0	G	C	0.664 356	TRUE	reported	igd	23.74 2493 83
107 1	ebi-a-GC ST90027 762	17	6567 9135	-0.165 27	0.03 7013 6	8.00E -06	7738	rs126 0262 5	C	G	0.058 124	TRUE	reported	igd	19.93 7256 65
107 2	ebi-a-GC ST90027 762	17	3615 6378	-0.098 1686	0.02 1566 4	5.32E -06	7738	rs200 8778	A	C	0.219 845	TRUE	reported	igd	20.72 0006 3
107 3	ebi-a-GC ST90027 762	19	4690 8968	0.091 0584	0.02 0412 9	8.16E -06	7738	rs354 4551 8	C	A	0.769 202	TRUE	reported	igd	19.89 8970 76
107 4	ebi-a-GC ST90027	1	1754 1528	0.134 728	0.02 9687	5.67E -06	7738	rs783 3579	T	C	0.094 9423	TRUE	reported	igd	20.59 5316

	763		5		5			3							56
107 5	ebi-a-GC ST90027 763	2	1277 7237 3	-0.078 774	0.01 7333 8	5.51E -06	7738	rs673 9644 1	T	C	0.385 942	TRUE	reported	igd	20.65 2766 49
107 6	ebi-a-GC ST90027 763	2	3806 3634	0.153 113	0.03 3345 2	4.40E -06	7738	rs621 3585 6	A	G	0.077 6336	TRUE	reported	igd	21.08 4217 06
107 7	ebi-a-GC ST90027 763	3	1094 3529 2	-0.189 853	0.04 2721 8	8.83E -06	7738	rs115 0040 61	T	C	0.050 6658	TRUE	reported	igd	19.74 8578 61
107 8	ebi-a-GC ST90027 763	3	6584 6859	0.081 3722	0.01 8397 9	9.74E -06	7738	rs213 2254	T	C	0.589 4	TRUE	reported	igd	19.56 2106
107 9	ebi-a-GC ST90027 763	4	3261 6774	0.082 9817	0.01 7973 9	3.90E -06	7738	rs988 4588	T	C	0.370 832	TRUE	reported	igd	21.31 4738 71
108 0	ebi-a-GC ST90027 763	4	1064 3381 4	-0.157 14	0.03 4050 8	3.93E -06	7738	rs100 2678 7	C	T	0.069 8756	TRUE	reported	igd	21.29 7020 94
108 1	ebi-a-GC ST90027 763	6	1679 3998 2	-0.111 339	0.02 0936 2	1.05E -07	7738	rs692 0861	C	T	0.253 827	TRUE	reported	igd	28.28 1270 51
108 2	ebi-a-GC ST90027 763	8	3804 085	0.168 486	0.03 4948 9	1.43E -06	7738	rs744 4886 7	G	A	0.068 5882	TRUE	reported	igd	23.24 1310 76

108 3	ebi-a-GC ST90027 763	9	7923 4647	0.100 962	0.02 2259 4	5.74E -06	7738	rs700 801	A	G	0.813 13	TRUE	reported	igd	20.57 2590 55
108 4	ebi-a-GC ST90027 763	15	7731 4031	-0.109 071	0.02 2471 6	1.21E -06	7738	rs802 9854	C	T	0.811 072	TRUE	reported	igd	23.55 8660 76
108 5	ebi-a-GC ST90027 763	15	1019 0270 0	0.093 5179	0.02 0592 5	5.59E -06	7738	rs107 8988	C	T	0.257 608	TRUE	reported	igd	20.62 3926 04
108 6	ebi-a-GC ST90027 763	22	4525 6730	0.161 911	0.03 5008 8	3.75E -06	7738	rs344 3763 5	T	C	0.072 341	TRUE	reported	igd	21.38 9383 19
108 7	ebi-a-GC ST90027 764	4	1771 5719 2	0.196 849	0.04 1504 2	2.11E -06	7738	rs752 3863 5	A	G	0.085 6002	TRUE	reported	igd	22.49 4810 11
108 8	ebi-a-GC ST90027 764	7	1474 8625 0	-0.139 492	0.03 0532 8	4.91E -06	7738	rs112 4282 03	T	C	0.174 616	TRUE	reported	igd	20.87 2061 05
108 9	ebi-a-GC ST90027 764	11	4736 3215	-0.122 603	0.02 4144	3.81E -07	7738	rs269 7923	T	G	0.651 908	TRUE	reported	igd	25.78 5986 41
109 0	ebi-a-GC ST90027 764	12	2034 7763	-0.134 792	0.02 8991 8	3.33E -06	7738	rs189 6610	A	G	0.202 817	TRUE	reported	igd	21.61 6126 56
109	ebi-a-GC	13	5932	0.171	0.03	2.89E	7738	rs795	G	A	0.146	TRUE	reported	igd	26.32

1	ST90027 764		9981	836	3491 3	-07		9495 2			863				4752 6
109 2	ebi-a-GC ST90027 764	17	2106 2412	-0.125 506	0.02 3713 5	1.21E -07	7738	rs122 3248 4	C	T	0.445 343	TRUE	reported	igd	28.01 1583 47
109 3	ebi-a-GC ST90027 764	19	2179 9037	0.113 367	0.02 4487 3	3.66E -06	7738	rs124 6338 4	A	C	0.373 021	TRUE	reported	igd	21.43 3421 49
109 4	ebi-a-GC ST90027 765	3	4292 5008	0.109 896	0.02 0876 1	1.41E -07	7738	rs130 9693 6	G	A	0.289 539	TRUE	reported	igd	27.71 1818 98
109 5	ebi-a-GC ST90027 765	4	1806 5547 7	0.086 2234	0.01 8900 4	5.07E -06	7738	rs238 3400	A	G	0.525 855	TRUE	reported	igd	20.81 1735 48
109 6	ebi-a-GC ST90027 765	5	3781 4102	-0.103 454	0.02 3416 3	9.96E -06	7738	rs111 11	C	T	0.183 291	TRUE	reported	igd	19.51 9020 82
109 7	ebi-a-GC ST90027 765	6	6851 6989	-0.187 932	0.04 1993 2	7.63E -06	7738	rs768 8076 9	A	G	0.055 8398	TRUE	reported	igd	20.02 8274 29
109 8	ebi-a-GC ST90027 765	7	1861 19	0.085 1714	0.01 8740 3	5.50E -06	7738	rs658 3351	C	T	0.514 788	TRUE	reported	igd	20.65 5442 07
109 9	ebi-a-GC ST90027	8	1255 9699	0.130 826	0.02 9270	7.84E -06	7738	rs701 1780	C	A	0.111 91	TRUE	reported	igd	19.97 6342

	765		0		9										44
110 0	ebi-a-GC ST90027 765	9	8180 9148	-0.084 2361	0.01 8799 9	7.44E -06	7738	rs701 9674	C	T	0.491 46	TRUE	reported	igd	20.07 6380 8
110 1	ebi-a-GC ST90027 765	12	2075 984	0.090 5437	0.01 8422 2	8.88E -07	7738	rs247 0427	T	C	0.487 964	TRUE	reported	igd	24.15 6471 04
110 2	ebi-a-GC ST90027 765	15	4693 5830	-0.092 1548	0.01 8509 1	6.40E -07	7738	rs495 710	T	C	0.472 152	TRUE	reported	igd	24.78 9360 21
110 3	ebi-a-GC ST90027 765	16	6691 2905	-0.088 0651	0.01 8781 5	2.75E -06	7738	rs152 172	T	C	0.420 097	TRUE	reported	igd	21.98 6045 17
110 4	ebi-a-GC ST90027 765	16	8794 3237	0.191 045	0.04 2244 1	6.11E -06	7738	rs117 6336 33	A	G	0.068 6066	TRUE	reported	igd	20.45 2162 17
110 5	ebi-a-GC ST90027 765	17	3780 4675	-0.201 543	0.04 1713 1	1.35E -06	7738	rs746 8256 7	G	A	0.065 0097	TRUE	reported	igd	23.34 4818 65
110 6	ebi-a-GC ST90027 765	20	6162 9312	-0.172 843	0.03 8984 1	9.26E -06	7738	rs736 1944 7	T	C	0.060 2449	TRUE	reported	igd	19.65 7512 77
110 7	ebi-a-GC ST90027 765	22	3317 6834	0.101 205	0.02 2453 6	6.57E -06	7738	rs575 4282	C	A	0.227 051	TRUE	reported	igd	20.31 5708 61

110 8	ebi-a-GC ST90027 766	1	1663 7759 0	-0.082 7271	0.01 8555 3	8.26E -06	7738	rs668 8656	G	T	0.574 15	TRUE	reported	igd	19.87 7402 87
110 9	ebi-a-GC ST90027 766	3	1404 18	-0.216 031	0.04 0162 9	7.49E -08	7738	rs622 2733 5	T	C	0.053 9575	TRUE	reported	igd	28.93 2237 68
111 0	ebi-a-GC ST90027 766	6	7991 0280	0.086 2921	0.01 8378 5	2.66E -06	7738	rs934 3883	G	A	0.505 281	TRUE	reported	igd	22.04 5601 4
111 1	ebi-a-GC ST90027 766	7	4617 3126	-0.086 9376	0.01 9204 9	5.99E -06	7738	rs697 0565	C	T	0.371 978	TRUE	reported	igd	20.49 2323 04
111 2	ebi-a-GC ST90027 766	7	1863 4822	0.094 87	0.02 0895 4	5.62E -06	7738	rs381 4989	C	T	0.257 14	TRUE	reported	igd	20.61 3722 37
111 3	ebi-a-GC ST90027 766	7	1025 533	0.104 94	0.02 2049 6	1.94E -06	7738	rs373 5683	T	C	0.216 72	TRUE	reported	igd	22.65 0651 02
111 4	ebi-a-GC ST90027 766	9	1059 7424 9	-0.086 8403	0.01 9187 5	6.01E -06	7738	rs785 3135	C	T	0.660 589	TRUE	reported	igd	20.48 3579 16
111 5	ebi-a-GC ST90027 766	16	6994 3500	-0.187 154	0.03 8811 8	1.42E -06	7738	rs602 4849 2	G	C	0.060 2122	TRUE	reported	igd	23.25 2553 79
111	ebi-a-GC	19	8106	-0.082	0.01	7.40E	7738	rs660	G	A	0.593	TRUE	reported	igd	20.08

6	ST90027 766		521	3059	8364 7	-06		3134			815				6037 07
111 7	ebi-a-GC ST90027 767	2	2166 2579 4	0.219 779	0.04 3046 8	3.30E -07	7738	rs135 7368	T	C	0.268 075	TRUE	reported	igd	26.06 6975 33
111 8	ebi-a-GC ST90027 767	2	2894 009	-0.254 5	0.05 7086 2	8.27E -06	7738	rs126 1769 5	T	C	0.111 52	TRUE	reported	igd	19.87 5282 21
111 9	ebi-a-GC ST90027 767	5	5671 9668	0.181 674	0.03 9749 3	4.87E -06	7738	rs289 8012	G	A	0.732 202	TRUE	reported	igd	20.88 9429 86
112 0	ebi-a-GC ST90027 767	7	7111 2510	0.174 374	0.03 8788 2	6.94E -06	7738	rs397 3922	C	A	0.675 078	TRUE	reported	igd	20.20 9902
112 1	ebi-a-GC ST90027 767	8	1141 9667 6	0.175 621	0.03 8029 7	3.87E -06	7738	rs988 862	A	T	0.284 176	TRUE	reported	igd	21.32 5886 45
112 2	ebi-a-GC ST90027 767	14	9312 3991	-0.175 377	0.03 8993 3	6.87E -06	7738	rs128 7904 0	A	G	0.324 977	TRUE	reported	igd	20.22 8575 07
112 3	ebi-a-GC ST90027 767	14	5276 8125	-0.242 375	0.05 3346 9	5.54E -06	7738	rs800 6060	G	A	0.130 169	TRUE	reported	igd	20.64 2261 2
112 4	ebi-a-GC ST90027	1	6097 5097	-0.304 541	0.06 6595	4.81E -06	7738	rs118 0618	T	G	0.084 4595	TRUE	reported	igd	20.91 2298

	768				5			1							58
112 5	ebi-a-GC ST90027 768	2	7788 1630	-0.261 356	0.05 0743	2.60E -07	7738	rs621 6326 9	T	C	0.169 808	TRUE	reported	igd	26.52 8498 51
112 6	ebi-a-GC ST90027 768	4	4825 522	0.297 944	0.06 3910 5	3.13E -06	7738	rs117 2418 2	T	C	0.092 553	TRUE	reported	igd	21.73 3259 1
112 7	ebi-a-GC ST90027 768	4	1785 1382 3	0.211 231	0.04 2932	8.65E -07	7738	rs176 9313 6	T	C	0.239 085	TRUE	reported	igd	24.20 7674 37
112 8	ebi-a-GC ST90027 768	5	4016 609	-0.170 235	0.03 6600 8	3.30E -06	7738	rs568 692	C	T	0.445 607	TRUE	reported	igd	21.63 2990 22
112 9	ebi-a-GC ST90027 768	7	4166 627	-0.272 144	0.06 0146 3	6.05E -06	7738	rs598 632	T	C	0.108 492	TRUE	reported	igd	20.47 2915 57
113 0	ebi-a-GC ST90027 768	8	1423 4717 0	-0.278 934	0.06 1395 9	5.54E -06	7738	rs132 7575 0	T	C	0.109 895	TRUE	reported	igd	20.64 0688 01
113 1	ebi-a-GC ST90027 768	9	1809 229	-0.287 556	0.06 4276 4	7.69E -06	7738	rs114 8457 75	T	C	0.092 4841	TRUE	reported	igd	20.01 4363 27
113 2	ebi-a-GC ST90027 768	15	3624 9420	-0.203 089	0.04 5913 9	9.72E -06	7738	rs121 0167 9	A	G	0.197 635	TRUE	reported	igd	19.56 5206 42

113 3	ebi-a-GC ST90027 769	1	6303 4646	-0.111 275	0.02 4153 6	4.09E -06	7738	rs121 1665 7	C	A	0.186 049	TRUE	reported	igd	21.22 4206 69
113 4	ebi-a-GC ST90027 769	3	1138 3051 9	0.082 5402	0.01 8382 3	7.12E -06	7738	rs763 1540	T	C	0.454 162	TRUE	reported	igd	20.16 1894 35
113 5	ebi-a-GC ST90027 769	5	9810 9148	-0.087 6039	0.01 8301 7	1.70E -06	7738	rs150 8792	C	G	0.578 673	TRUE	reported	igd	22.91 2053 63
113 6	ebi-a-GC ST90027 769	5	1712 7639 3	0.089 625	0.01 9843 6	6.28E -06	7738	rs702 101	A	G	0.623 602	TRUE	reported	igd	20.39 9400 72
113 7	ebi-a-GC ST90027 769	6	1320 9023 9	0.199 748	0.04 0947 3	1.07E -06	7738	rs667 2255 8	T	G	0.054 0512	TRUE	reported	igd	23.79 6568 65
113 8	ebi-a-GC ST90027 769	9	1333 1311 5	0.141 557	0.03 0780 3	4.25E -06	7738	rs423 7122	A	G	0.105 188	TRUE	reported	igd	21.15 0322 97
113 9	ebi-a-GC ST90027 769	10	6731 6008	0.109 025	0.02 2822 3	1.78E -06	7738	rs107 3381 5	A	G	0.776 162	TRUE	reported	igd	22.82 0931 69
114 0	ebi-a-GC ST90027 769	19	4681 0991	0.171 144	0.03 3510 8	3.27E -07	7738	rs200 5874	T	C	0.085 6528	TRUE	reported	igd	26.08 2773 18
114	ebi-a-GC	22	2432	0.218	0.04	1.81E	7738	rs148	A	G	0.095	TRUE	reported	igd	22.78

1	ST90027 769		6693	192	5711 9	-06		3307 90			0615				3429 66
114 2	ebi-a-GC ST90027 770	1	1821 9409 3	0.145 854	0.03 1602 4	3.93E -06	7738	rs109 1103 9	G	A	0.159 331	TRUE	reported	igd	21.30 0831 48
114 3	ebi-a-GC ST90027 770	3	6739 2138	0.124 47	0.02 6843 5	3.54E -06	7738	rs158 0572	T	A	0.242 15	TRUE	reported	igd	21.50 0625 64
114 4	ebi-a-GC ST90027 770	5	6733 5548	-0.111 505	0.02 4986 9	8.10E -06	7738	rs126 9705 8	C	T	0.596 969	TRUE	reported	igd	19.91 4248 7
114 5	ebi-a-GC ST90027 770	7	8847 04	0.108 871	0.02 3123 4	2.50E -06	7738	rs102 8177 9	G	A	0.429 621	TRUE	reported	igd	22.16 7720 66
114 6	ebi-a-GC ST90027 770	8	9879 1018	-0.150 144	0.03 1898 7	2.51E -06	7738	rs244 9506	C	T	0.150 276	TRUE	reported	igd	22.15 4910 26
114 7	ebi-a-GC ST90027 770	9	1443 8751	0.141 678	0.03 1880 4	8.83E -06	7738	rs303 729	G	C	0.843 436	TRUE	reported	igd	19.74 9554 86
114 8	ebi-a-GC ST90027 770	12	1308 6239 0	-0.166 807	0.03 1732 9	1.47E -07	7738	rs128 0987 2	T	C	0.160 398	TRUE	reported	igd	27.63 1789 84
114 9	ebi-a-GC ST90027	13	3163 1553	0.108 843	0.02 3548	3.80E -06	7738	rs494 3000	C	T	0.584 513	TRUE	reported	igd	21.36 3240

	770				7										67
115 0	ebi-a-GC ST90027 771	2	2052 5885 2	0.151 42	0.03 3392	5.77E -06	7738	rs674 8817	G	A	0.824 477	TRUE	reported	igd	20.56 2770 11
115 1	ebi-a-GC ST90027 771	2	2280 5891 3	0.111 297	0.02 4948 2	8.15E -06	7738	rs134 2991 3	T	C	0.385 846	TRUE	reported	igd	19.90 1622 42
115 2	ebi-a-GC ST90027 771	2	1272 0840 7	0.200 395	0.04 5274 8	9.59E -06	7738	rs113 0223 58	T	C	0.079 5312	TRUE	reported	igd	19.59 1183 92
115 3	ebi-a-GC ST90027 771	2	5350 8689	0.117 013	0.02 6296 3	8.60E -06	7738	rs116 7825 9	G	T	0.320 759	TRUE	reported	igd	19.80 0626 72
115 4	ebi-a-GC ST90027 771	4	1612 3717 2	-0.168 46	0.03 2343 3	1.90E -07	7738	rs445 9949	G	A	0.844 498	TRUE	reported	igd	27.12 8447 11
115 5	ebi-a-GC ST90027 771	6	1361 3188 8	0.119 616	0.02 5713 1	3.29E -06	7738	rs202 7516	A	G	0.313 637	TRUE	reported	igd	21.64 0618 7
115 6	ebi-a-GC ST90027 771	6	1208 0585	-0.153 46	0.03 4416 9	8.24E -06	7738	rs946 2447	C	A	0.144 878	TRUE	reported	igd	19.88 1396 55
115 7	ebi-a-GC ST90027 771	6	3651 407	-0.227 444	0.04 8806 9	3.16E -06	7738	rs563 5327 0	A	G	0.067 6608	TRUE	reported	igd	21.71 6334 43

115 8	ebi-a-GC ST90027 771	6	1516 2677 4	-0.113 861	0.02 5237 4	6.43E -06	7738	rs939 7388	G	T	0.646 438	TRUE	reported	igd	20.35 4515 31
115 9	ebi-a-GC ST90027 771	9	1096 1823 3	-0.213 224	0.04 6418 7	4.36E -06	7738	rs126 8612 4	G	A	0.072 7698	TRUE	reported	igd	21.10 0183 18
116 0	ebi-a-GC ST90027 771	13	2925 4871	0.182 505	0.03 6104 5	4.31E -07	7738	rs130 5081	A	G	0.128 637	TRUE	reported	igd	25.55 2115 64
116 1	ebi-a-GC ST90027 771	19	5354 9135	0.170 615	0.03 7464 3	5.26E -06	7738	rs570 9130 6	G	C	0.123 836	TRUE	reported	igd	20.73 9542 7
116 2	ebi-a-GC ST90027 771	22	3585 5603	0.174 909	0.03 5132 4	6.41E -07	7738	rs734 1502 2	C	T	0.141 355	TRUE	reported	igd	24.78 6127 31
116 3	ebi-a-GC ST90027 772	2	1008 6506	-0.156 632	0.03 2921 1	1.96E -06	7738	rs891 501	T	G	0.858 175	TRUE	reported	igd	22.63 6658 07
116 4	ebi-a-GC ST90027 772	2	2735 6929	0.114 394	0.02 5550 3	7.56E -06	7738	rs728 1071 1	C	G	0.264 503	TRUE	reported	igd	20.04 5388 82
116 5	ebi-a-GC ST90027 772	4	9826 7549	0.108 741	0.02 4612 8	9.96E -06	7738	rs119 3898 3	T	C	0.286 213	TRUE	reported	igd	19.51 9316 21
116	ebi-a-GC	5	7566	0.109	0.02	6.13E	7738	rs246	G	A	0.578	TRUE	reported	igd	20.44

6	ST90027 772		9542	297	4170 9	-06		783			874				7058 52
116 7	ebi-a-GC ST90027 772	7	1012 4540 3	0.120 795	0.02 6073 9	3.61E -06	7738	rs646 5823	T	G	0.752 057	TRUE	reported	igd	21.46 2777 59
116 8	ebi-a-GC ST90027 772	8	1828 8003	0.106 861	0.02 3409 4	5.00E -06	7738	rs701 5972	A	G	0.614 719	TRUE	reported	igd	20.83 8089 68
116 9	ebi-a-GC ST90027 772	9	1051 4267 3	0.112 149	0.02 2253 6	4.67E -07	7738	rs107 6088 5	A	T	0.527 096	TRUE	reported	igd	25.39 7458 3
117 0	ebi-a-GC ST90027 772	10	1026 7908 8	0.140 115	0.03 0758 5	5.23E -06	7738	rs196 9724	A	T	0.841 389	TRUE	reported	igd	20.75 0996 52
117 1	ebi-a-GC ST90027 772	12	1210 5304 4	0.109 243	0.02 3572 2	3.58E -06	7738	rs476 7918	C	T	0.429 707	TRUE	reported	igd	21.47 7661 91
117 2	ebi-a-GC ST90027 772	14	9439 4345	0.099 5816	0.02 2484 2	9.47E -06	7738	rs128 9513 4	A	G	0.555 549	TRUE	reported	igd	19.61 5677 84
117 3	ebi-a-GC ST90027 773	1	2458 9499 4	0.194 644	0.04 3638 4	8.18E -06	7738	rs113 6409 07	C	T	0.119 36	TRUE	reported	igd	19.89 5021 1
117 4	ebi-a-GC ST90027	1	1688 0625	-0.175 102	0.03 6544	1.66E -06	7738	rs618 0163	A	G	0.179 781	TRUE	reported	igd	22.95 8217

	773		3		5			3							43
117 5	ebi-a-GC ST90027 773	4	1273 4066 6	-0.174 46	0.03 7705 8	3.71E -06	7738	rs595 638	T	C	0.836 234	TRUE	reported	igd	21.40 7966 53
117 6	ebi-a-GC ST90027 773	4	6706 7806	-0.138 415	0.03 1303 9	9.79E -06	7738	rs391 9827	T	G	0.273 651	TRUE	reported	igd	19.55 1019 96
117 7	ebi-a-GC ST90027 773	6	1598 0346 0	0.182 133	0.03 9774 3	4.67E -06	7738	rs470 9313	A	G	0.160 668	TRUE	reported	igd	20.96 8733 11
117 8	ebi-a-GC ST90027 773	7	1522 2759 4	0.127 487	0.02 8503	7.72E -06	7738	rs697 0331	T	C	0.470 452	TRUE	reported	igd	20.00 5557 45
117 9	ebi-a-GC ST90027 773	8	2611 6276	-0.267 528	0.05 8449 1	4.71E -06	7738	rs931 4321	C	T	0.937 106	TRUE	reported	igd	20.94 9942 2
118 0	ebi-a-GC ST90027 773	14	5921 4448	-0.152 845	0.03 1816 1	1.56E -06	7738	rs311 865	A	G	0.254 885	TRUE	reported	igd	23.07 8553 58
118 1	ebi-a-GC ST90027 773	17	1118 6003	-0.282 918	0.06 0029 9	2.44E -06	7738	rs200 5815	A	C	0.942 274	TRUE	reported	igd	22.21 1910 7
118 2	ebi-a-GC ST90027 773	20	4594 466	0.162 031	0.03 5439 6	4.83E -06	7738	rs605 2686	T	C	0.762 608	TRUE	reported	igd	20.90 3480 41

118 3	ebi-a-GC ST90027 773	22	2393 6314	-0.211 992	0.04 7385 3	7.68E -06	7738	rs622 4050 5	G	T	0.109 091	TRUE	reported	igd	20.01 4819 38
118 4	ebi-a-GC ST90027 774	2	1392 9603 7	-0.167 427	0.03 7679 1	8.85E -06	7738	rs674 5806	G	A	0.935 626	TRUE	reported	igd	19.74 4673 18
118 5	ebi-a-GC ST90027 774	2	1805 8370 9	-0.155 553	0.03 4167 8	5.30E -06	7738	rs792 1696 3	A	T	0.100 574	TRUE	reported	igd	20.72 6346 3
118 6	ebi-a-GC ST90027 774	5	1505 6619 6	-0.093 1547	0.01 9803	2.55E -06	7738	rs126 5747 6	T	C	0.459 629	TRUE	reported	igd	22.12 8275 42
118 7	ebi-a-GC ST90027 774	8	1799 1955	0.096 4986	0.02 0658 1	2.99E -06	7738	rs450 3137	T	G	0.718 361	TRUE	reported	igd	21.82 0328
118 8	ebi-a-GC ST90027 774	9	9444 3717	0.138 723	0.02 9459	2.49E -06	7738	rs736 5402 7	C	G	0.114 452	TRUE	reported	igd	22.17 4862 91
118 9	ebi-a-GC ST90027 774	10	1132 9529 1	0.121 321	0.02 6985 1	6.93E -06	7738	rs708 8001	G	A	0.130 522	TRUE	reported	igd	20.21 2679 94
119 0	ebi-a-GC ST90027 774	11	3405 2765	-0.088 4542	0.01 9810 5	8.01E -06	7738	rs242 1570	A	G	0.363 422	TRUE	reported	igd	19.93 6368 12
119	ebi-a-GC	11	1111	-0.087	0.01	7.12E	7738	rs793	T	C	0.341	TRUE	reported	igd	20.16

1	ST90027 774		5530 2	0117	9378 3	-06		0251			935				1551 87
119 2	ebi-a-GC ST90027 774	13	1002 1744 0	-0.114 611	0.02 5178	5.31E -06	7738	rs951 7773	G	A	0.188 886	TRUE	reported	igd	20.72 0973 02
119 3	ebi-a-GC ST90027 774	13	4940 5223	-0.084 7702	0.01 9144 2	9.51E -06	7738	rs128 7036 0	A	G	0.442 716	TRUE	reported	igd	19.60 7037 08
119 4	ebi-a-GC ST90027 774	16	8494 8251	0.157 054	0.03 3947 7	3.72E -06	7738	rs727 9959 3	T	C	0.083 0449	TRUE	reported	igd	21.40 3130 16
119 5	ebi-a-GC ST90027 774	21	2815 8333	-0.158 693	0.03 5235 7	6.68E -06	7738	rs557 4936 1	T	A	0.086 2231	TRUE	reported	igd	20.28 3819 31
119 6	ebi-a-GC ST90027 774	22	2778 3185	0.082 2546	0.01 8573 2	9.48E -06	7738	rs600 5414	A	G	0.509 002	TRUE	reported	igd	19.61 3130 54
119 7	ebi-a-GC ST90027 774	22	2371 5418	0.094 9466	0.02 0035 1	2.15E -06	7738	rs233 0438	A	T	0.516 688	TRUE	reported	igd	22.45 8244 52
119 8	ebi-a-GC ST90027 775	1	1120 7685 6	-0.108 937	0.02 3607 9	3.94E -06	7738	rs120 2867 7	T	C	0.158 462	TRUE	reported	igd	21.29 2963 44
119 9	ebi-a-GC ST90027	3	6916 3936	0.087 8396	0.01 9766	8.84E -06	7738	rs571 1918	T	C	0.280 027	TRUE	reported	igd	19.74 7310

	775				8			4							85
120 0	ebi-a-GC ST90027 775	6	5787 678	-0.117 157	0.02 6068	6.98E -06	7738	rs604 7506 1	A	G	0.125 46	TRUE	reported	igd	20.19 8590 29
120 1	ebi-a-GC ST90027 775	6	1263 359	0.112 476	0.02 3817 8	2.33E -06	7738	rs121 9290 1	A	G	0.170 872	TRUE	reported	igd	22.30 0594 35
120 2	ebi-a-GC ST90027 775	9	1046 539	0.119 297	0.02 6219 2	5.36E -06	7738	rs670 3260 5	G	A	0.138 057	TRUE	reported	igd	20.70 2375 05
120 3	ebi-a-GC ST90027 775	10	1315 7197 2	0.081 3715	0.01 7105 5	1.96E -06	7738	rs108 2962 9	T	C	0.442 907	TRUE	reported	igd	22.62 9403 02
120 4	ebi-a-GC ST90027 775	12	8729 2283	-0.095 6743	0.02 0604 6	3.43E -06	7738	rs796 2165	G	T	0.770 098	TRUE	reported	igd	21.56 0667 94
120 5	ebi-a-GC ST90027 775	18	2550 6994	0.143 35	0.03 2342 7	9.33E -06	7738	rs133 8112 4	G	A	0.075 4167	TRUE	reported	igd	19.64 4584 6
120 6	ebi-a-GC ST90027 775	19	3013 1562	0.088 168	0.01 7840 6	7.73E -07	7738	rs104 0704 9	C	G	0.533 488	TRUE	reported	igd	24.42 3228 16
120 7	ebi-a-GC ST90027 775	22	4582 1518	-0.159 958	0.03 5682 4	7.37E -06	7738	rs111 5851 82	T	G	0.066 7949	TRUE	reported	igd	20.09 5731 34

1208	ebi-a-GC ST90027 776	2	9899 2113	-0.112 772	0.02 4134 4	2.97E -06	7738	rs205 5593	A	G	0.213 57	TRUE	reported	igd	21.83 3811 3
1209	ebi-a-GC ST90027 776	2	3139 4676	0.110 108	0.02 3918 2	4.15E -06	7738	rs144 3711	G	A	0.290 423	TRUE	reported	igd	21.19 2430 24
1210	ebi-a-GC ST90027 776	3	1791 3727 3	-0.090 41	0.01 9464	3.40E -06	7738	rs136 2650	G	A	0.429 872	TRUE	reported	igd	21.57 5891 36
1211	ebi-a-GC ST90027 776	3	6132 0539	0.162 776	0.03 4418 1	2.25E -06	7738	rs731 0281 2	T	C	0.088 2641	TRUE	reported	igd	22.36 6959 94
1212	ebi-a-GC ST90027 776	5	6311 1148	0.113 209	0.02 2176 2	3.31E -07	7738	rs123 3230 6	T	C	0.252 514	TRUE	reported	igd	26.06 0794 34
1213	ebi-a-GC ST90027 776	5	1746 8689 2	-0.134 288	0.02 5235 7	1.03E -07	7738	rs623 9058 6	C	G	0.237 693	TRUE	reported	igd	28.31 6769 11
1214	ebi-a-GC ST90027 776	5	1565 7531 2	0.121 838	0.02 4880 5	9.73E -07	7738	rs119 5743 4	A	G	0.183 824	TRUE	reported	igd	23.97 9897 1
1215	ebi-a-GC ST90027 776	6	1316 3017 2	0.126 348	0.02 8377	8.49E -06	7738	rs489 7508	A	C	0.138 334	TRUE	reported	igd	19.82 4570 32
121	ebi-a-GC	8	1470	0.119	0.02	2.63E	7738	rs624	A	T	0.179	TRUE	reported	igd	22.07

6	ST90027 776		7890	161	5363 7	-06		9332 0			269				2069 9
121 7	ebi-a-GC ST90027 776	9	2478 6605	0.174 315	0.03 9039 2	8.00E -06	7738	rs109 6646 0	G	A	0.065 4922	TRUE	reported	igd	19.93 7362 33
121 8	ebi-a-GC ST90027 776	10	8223 518	0.113 499	0.02 3611	1.53E -06	7738	rs278 9623	G	A	0.753 944	TRUE	reported	igd	23.10 7624 83
121 9	ebi-a-GC ST90027 776	14	5495 4582	-0.098 8055	0.02 1508 4	4.35E -06	7738	rs801 5391	G	A	0.296 311	TRUE	reported	igd	21.10 3089 03
122 0	ebi-a-GC ST90027 777	4	1146 1194 8	0.110 56	0.02 4684 4	7.50E -06	7738	rs766 0775	C	A	0.127 08	TRUE	reported	igd	20.06 0922 93
122 1	ebi-a-GC ST90027 777	7	1330 3509	0.088 1322	0.01 7565	5.23E -07	7738	rs780 4962	C	T	0.333 402	TRUE	reported	igd	25.17 5199 13
122 2	ebi-a-GC ST90027 777	9	3827 4267	-0.075 7035	0.01 7099 5	9.54E -06	7738	rs488 197	T	C	0.420 306	TRUE	reported	igd	19.60 0407 22
122 3	ebi-a-GC ST90027 777	9	7518 169	-0.094 9791	0.02 0887 2	5.44E -06	7738	rs785 0333	G	C	0.203 016	TRUE	reported	igd	20.67 7386 69
122 4	ebi-a-GC ST90027	11	8114 103	-0.096 7085	0.01 9655	8.65E -07	7738	rs110 4173	T	C	0.244 794	TRUE	reported	igd	24.20 7383

	777				8			8							22
122 5	ebi-a-GC ST90027 777	12	7776 0259	-0.097 8269	0.02 1762 5	6.95E -06	7738	rs111 0494 6	G	T	0.173 448	TRUE	reported	igd	20.20 6868 48
122 6	ebi-a-GC ST90027 777	14	9746 1817	-0.073 0403	0.01 6433 9	8.81E -06	7738	rs801 1841	T	C	0.483 236	TRUE	reported	igd	19.75 3489 08
122 7	ebi-a-GC ST90027 777	15	5577 2583	-0.145 622	0.03 2604 6	7.96E -06	7738	rs117 0240 60	A	G	0.078 9775	TRUE	reported	igd	19.94 7856 24
122 8	ebi-a-GC ST90027 778	4	1004 6208 5	-0.166 716	0.03 7024 2	6.70E -06	7738	rs143 5283 80	T	C	0.051 4353	TRUE	reported	igd	20.27 6042 69
122 9	ebi-a-GC ST90027 778	7	1557 9768 6	-0.083 4013	0.01 8870 9	9.89E -06	7738	rs645 9977	G	A	0.693 191	TRUE	reported	igd	19.53 2616 08
123 0	ebi-a-GC ST90027 778	9	1373 3843 0	-0.093 3371	0.02 1022 1	9.00E -06	7738	rs311 8528	G	A	0.403 079	TRUE	reported	igd	19.71 3167 45
123 1	ebi-a-GC ST90027 778	10	9824 7143	0.112 555	0.02 5031 9	6.91E -06	7738	rs874 372	G	C	0.879 288	TRUE	reported	igd	20.21 8175 14
123 2	ebi-a-GC ST90027 778	12	5439 4497	-0.077 173	0.01 6318 5	2.25E -06	7738	rs224 1820	T	C	0.560 013	TRUE	reported	igd	22.36 5071 7

123 3	ebi-a-GC ST90027 778	12	1265 5456 5	-0.077 538	0.01 7174 3	6.34E -06	7738	rs648 9044	C	T	0.658 809	TRUE	reported	igd	20.38 3140 58
123 4	ebi-a-GC ST90027 778	14	3707 5839	-0.102 709	0.02 2854 8	6.99E -06	7738	rs777 1580 3	A	G	0.149 407	TRUE	reported	igd	20.19 5850 69
123 5	ebi-a-GC ST90027 779	2	6718 574	-0.087 8362	0.01 8825 8	3.08E -06	7738	rs133 9303 3	T	C	0.338 139	TRUE	reported	igd	21.76 9086 08
123 6	ebi-a-GC ST90027 779	3	1959 5139 1	-0.099 9442	0.02 2245 3	7.03E -06	7738	rs730 8325 0	A	G	0.207 71	TRUE	reported	igd	20.18 5460 33
123 7	ebi-a-GC ST90027 779	7	5592 436	0.137 914	0.03 1177 3	9.71E -06	7738	rs852 540	A	G	0.088 5402	TRUE	reported	igd	19.56 7696 59
123 8	ebi-a-GC ST90027 779	10	1171 3204 8	-0.125 05	0.02 8126	8.75E -06	7738	rs592 284	T	G	0.882 034	TRUE	reported	igd	19.76 7486 34
123 9	ebi-a-GC ST90027 779	10	5225 9742	0.093 9735	0.02 1047 7	8.01E -06	7738	rs493 5713	T	C	0.233 758	TRUE	reported	igd	19.93 4324 08
124 0	ebi-a-GC ST90027 779	11	2870 2277	-0.086 0419	0.01 7815 3	1.37E -06	7738	rs794 4200	T	C	0.595 764	TRUE	reported	igd	23.32 5647 27
124	ebi-a-GC	12	8992	0.141	0.02	2.13E	7738	rs561	G	A	0.098	TRUE	reported	igd	22.47

1	ST90027 779		2621	409	9828	-06		6851 4			2975				5317 39
124 2	ebi-a-GC ST90027 779	13	8866 3116	0.170 14	0.03 7601 9	6.05E -06	7738	rs726 4301 9	A	G	0.062 4043	TRUE	reported	igd	20.47 3555 81
124 3	ebi-a-GC ST90027 779	13	7400 8908	0.103 765	0.02 3062 5	6.82E -06	7738	rs957 3198	C	G	0.180 697	TRUE	reported	igd	20.24 3659 03
124 4	ebi-a-GC ST90027 779	14	8604 6850	-0.091 21	0.01 8614 2	9.58E -07	7738	rs715 5195	C	T	0.572 076	TRUE	reported	igd	24.01 0221 12
124 5	ebi-a-GC ST90027 779	18	1187 9825	-0.110 537	0.02 5016 7	9.94E -06	7738	rs378 6306	T	C	0.193 602	TRUE	reported	igd	19.52 3393 42
124 6	ebi-a-GC ST90027 779	18	5694 5042	0.090 3404	0.01 9513 9	3.66E -06	7738	rs133 8116 2	T	G	0.319 755	TRUE	reported	igd	21.43 2649 81
124 7	ebi-a-GC ST90027 780	1	6685 1542	-0.134 691	0.02 9995 6	7.11E -06	7738	rs121 3419 5	C	A	0.085 8402	TRUE	reported	igd	20.16 3320 23
124 8	ebi-a-GC ST90027 780	2	8494 1232	-0.088 2622	0.01 8795 2	2.65E -06	7738	rs172 8059	C	T	0.265 891	TRUE	reported	igd	22.05 2386 42
124 9	ebi-a-GC ST90027	3	1133 0168	-0.168 088	0.03 7193	6.20E -06	7738	rs343 5581	C	T	0.054 4599	TRUE	reported	igd	20.42 4040

	780		6		4			3							26
125 0	ebi-a-GC ST90027 780	4	8880 1072	0.115 968	0.02 4111 6	1.51E -06	7738	rs469 3197	A	G	0.134 327	TRUE	reported	igd	23.13 2590 72
125 1	ebi-a-GC ST90027 780	6	6545 643	-0.131 509	0.02 9628	9.05E -06	7738	rs795 5585 6	C	T	0.101 322	TRUE	reported	igd	19.70 1816 91
125 2	ebi-a-GC ST90027 780	8	4453 705	0.129 16	0.02 8912 8	7.92E -06	7738	rs170 7072 7	A	G	0.095 0225	TRUE	reported	igd	19.95 6104 46
125 3	ebi-a-GC ST90027 780	9	2344 2387	0.113 549	0.02 4578 4	3.84E -06	7738	rs704 3141	T	G	0.134 128	TRUE	reported	igd	21.34 3194
125 4	ebi-a-GC ST90027 780	9	1102 7358 2	0.094 8989	0.02 1022 1	6.35E -06	7738	rs349 9033 6	G	A	0.209 323	TRUE	reported	igd	20.37 8403 7
125 5	ebi-a-GC ST90027 780	9	1521 204	0.088 7528	0.01 9966 7	8.79E -06	7738	rs988 6784	C	A	0.772 554	TRUE	reported	igd	19.75 8389 43
125 6	ebi-a-GC ST90027 780	14	2995 8756	-0.080 0937	0.01 7042 9	2.61E -06	7738	rs111 6105 8	T	C	0.483 784	TRUE	reported	igd	22.08 5626 43
125 7	ebi-a-GC ST90027 780	18	2755 7607	-0.102 602	0.02 2689	6.12E -06	7738	rs650 8629	T	C	0.159 404	TRUE	reported	igd	20.44 9417 55

1258	ebi-a-GC ST90027 781	1	1755 1034	0.131 24	0.02 9157 8	6.76E -06	7738	rs229 3915	T	A	0.555 17	TRUE	reported	igd	20.25 9230 14
1259	ebi-a-GC ST90027 781	1	1867 8606 5	-0.189 732	0.04 1200 5	4.12E -06	7738	rs120 2286 7	T	C	0.123 737	TRUE	reported	igd	21.20 6851 55
1260	ebi-a-GC ST90027 781	3	7879 112	0.124 676	0.02 8064 5	8.89E -06	7738	rs557 9042 9	G	C	0.319 025	TRUE	reported	igd	19.73 5634 89
1261	ebi-a-GC ST90027 781	8	1507 0111	0.193 309	0.03 4052 7	1.37E -08	7738	rs284 5020 0	T	C	0.826 147	TRUE	reported	igd	32.22 5602 35
1262	ebi-a-GC ST90027 781	14	5182 7473	-0.187 095	0.04 2243 2	9.47E -06	7738	rs348 8697 4	T	C	0.111 584	TRUE	reported	igd	19.61 6013 15
1263	ebi-a-GC ST90027 781	16	6995 9741	-0.279 033	0.05 9833 7	3.11E -06	7738	rs133 3342 7	G	A	0.050 8214	TRUE	reported	igd	21.74 8004 67
1264	ebi-a-GC ST90027 781	17	3160 8930	0.139 351	0.02 8756 4	1.26E -06	7738	rs155 3042	A	G	0.309 212	TRUE	reported	igd	23.48 2868 56
1265	ebi-a-GC ST90027 781	17	5213 5707	0.241 135	0.05 3823 5	7.46E -06	7738	rs713 8535 4	C	G	0.060 2341	TRUE	reported	igd	20.07 1352 22
126	ebi-a-GC	18	3005	0.161	0.03	8.33E	7738	rs116	T	C	0.151	TRUE	reported	igd	19.86

6	ST90027 781		0356	176	6166 1	-06		6456 6			51				0829 78
126 7	ebi-a-GC ST90027 781	18	3771 05	0.119 481	0.02 6225 7	5.22E -06	7738	rs995 8338	T	C	0.488 401	TRUE	reported	igd	20.75 5993 2
126 8	ebi-a-GC ST90027 781	20	1021 8155	0.300 4	0.06 7743 5	9.23E -06	7738	rs363 031	A	C	0.052 3215	TRUE	reported	igd	19.66 3670 8
126 9	ebi-a-GC ST90027 781	20	5963 1773	-0.146 211	0.03 2345 8	6.18E -06	7738	rs731 4795 0	A	C	0.209 161	TRUE	reported	igd	20.43 2631 43
127 0	ebi-a-GC ST90027 782	1	2449 3507 6	0.319 997	0.06 8230 3	2.73E -06	7738	rs602 0051 1	G	A	0.093 9516	TRUE	reported	igd	21.99 5672 87
127 1	ebi-a-GC ST90027 782	3	5510 3700	-0.322 08	0.07 1939	7.57E -06	7738	rs145 8987	T	C	0.085 5867	TRUE	reported	igd	20.04 4661 29
127 2	ebi-a-GC ST90027 782	3	1121 9120 2	-0.318 667	0.07 0802 9	6.77E -06	7738	rs124 8823 4	G	T	0.105 917	TRUE	reported	igd	20.25 6858 35
127 3	ebi-a-GC ST90027 782	3	6602 6666	0.408 662	0.09 0122	5.77E -06	7738	rs286 3517 8	A	G	0.052 8226	TRUE	reported	igd	20.56 2071 74
127 4	ebi-a-GC ST90027	4	1875 2610	0.205 06	0.04 4632	4.34E -06	7738	rs117 3401	T	C	0.307 114	TRUE	reported	igd	21.10 8507

	782		0		6			7							77
127 5	ebi-a-GC ST90027 782	5	1183 0143 0	0.195 759	0.04 2081 6	3.29E -06	7738	rs299 199	A	G	0.454 333	TRUE	reported	igd	21.64 0086 27
127 6	ebi-a-GC ST90027 782	7	4819 6153	0.325 695	0.07 3497 9	9.36E -06	7738	rs358 7085 8	C	G	0.082 3956	TRUE	reported	igd	19.63 6872 57
127 7	ebi-a-GC ST90027 782	9	6556 948	-0.179 62	0.04 0133 7	7.62E -06	7738	rs433 3664	T	C	0.455 242	TRUE	reported	igd	20.03 0462 82
127 8	ebi-a-GC ST90027 782	9	7616 2393	-0.407 555	0.09 2067 1	9.57E -06	7738	rs278 731	T	C	0.050 4032	TRUE	reported	igd	19.59 5823 71
127 9	ebi-a-GC ST90027 782	10	1335 6921 5	0.199 777	0.04 3612 1	4.63E -06	7738	rs443 3502	A	G	0.349 453	TRUE	reported	igd	20.98 3453 94
128 0	ebi-a-GC ST90027 782	11	9530 1453	-0.216 494	0.04 5238 8	1.71E -06	7738	rs735 027	G	A	0.298 145	TRUE	reported	igd	22.90 1797 83
128 1	ebi-a-GC ST90027 782	12	1088 4186 3	0.393 284	0.08 8695 2	9.25E -06	7738	rs111 1389 4	A	G	0.050 8065	TRUE	reported	igd	19.66 1304 17
128 2	ebi-a-GC ST90027 782	13	7664 6062	-0.275 378	0.05 8986 4	3.03E -06	7738	rs954 4137	G	A	0.133 226	TRUE	reported	igd	21.79 4890 92

128 3	ebi-a-GC ST90027 782	14	7318 2541	-0.201 062	0.04 4685 3	6.81E -06	7738	rs233 2915	C	G	0.377 171	TRUE	reported	igd	20.24 5599 46
128 4	ebi-a-GC ST90027 782	16	6232 0487	-0.188 661	0.04 1804 6	6.39E -06	7738	rs445 0413	G	C	0.589 194	TRUE	reported	igd	20.36 6486 78
128 5	ebi-a-GC ST90027 782	21	4225 7555	0.252 978	0.05 5535 5	5.23E -06	7738	rs651 7636	G	A	0.805 669	TRUE	reported	igd	20.75 0288 39
128 6	ebi-a-GC ST90027 783	7	1779 9597	-0.354 823	0.07 614	3.16E -06	7738	rs117 3294 02	T	G	0.060 7412	TRUE	reported	igd	21.71 6897 52
128 7	ebi-a-GC ST90027 783	10	1949 2259	-0.238 809	0.05 0380 7	2.14E -06	7738	rs648 1791	C	T	0.840 59	TRUE	reported	igd	22.46 8443 37
128 8	ebi-a-GC ST90027 783	18	6668 640	-0.208 354	0.04 5535 1	4.75E -06	7738	rs189 3286	G	T	0.237 649	TRUE	reported	igd	20.93 6838 14
128 9	ebi-a-GC ST90027 784	9	3323 1531	-0.270 338	0.05 9789 4	6.14E -06	7738	rs181 0052	A	G	0.876 062	TRUE	reported	igd	20.44 3996 72
129 0	ebi-a-GC ST90027 785	1	3279 324	0.137 994	0.03 0882 4	7.88E -06	7738	rs752 4171	G	A	0.538 948	TRUE	reported	igd	19.96 6333 44
129	ebi-a-GC	2	4868	-0.215	0.04	6.74E	7738	rs746	C	T	0.159	TRUE	reported	igd	24.68

1	ST90027 785		3323	225	3316 4	-07		5461 3			52				7705 16
129 2	ebi-a-GC ST90027 785	3	6195 5356	0.188 513	0.04 1698 3	6.16E -06	7738	rs130 8657 5	T	G	0.190 642	TRUE	reported	igd	20.43 8353 7
129 3	ebi-a-GC ST90027 785	6	9314 807	0.171 261	0.03 7414 1	4.71E -06	7738	rs690 0225	A	G	0.760 794	TRUE	reported	igd	20.95 3006 4
129 4	ebi-a-GC ST90027 786	1	2874 7911	-0.283 199	0.06 2157 3	5.21E -06	7738	rs356 6575 2	G	T	0.107 347	TRUE	reported	igd	20.75 8652
129 5	ebi-a-GC ST90027 786	3	6066 4643	-0.367 701	0.08 0648 9	5.13E -06	7738	rs126 3325 8	A	G	0.069 4253	TRUE	reported	igd	20.78 7043 53
129 6	ebi-a-GC ST90027 786	3	1926 1292 1	0.208 321	0.04 5359 1	4.38E -06	7738	rs146 3878	G	T	0.780 479	TRUE	reported	igd	21.09 2946 23
129 7	ebi-a-GC ST90027 786	4	6032 8405	0.182 008	0.03 9207	3.45E -06	7738	rs206 3471	C	G	0.455 006	TRUE	reported	igd	21.55 0320 3
129 8	ebi-a-GC ST90027 786	4	1944 9962	-0.295 359	0.06 6405 7	8.68E -06	7738	rs801 9672 6	G	C	0.093 3682	TRUE	reported	igd	19.78 2888 34
129 9	ebi-a-GC ST90027	5	1650 9026	0.281 442	0.06 2434	6.55E -06	7738	rs131 6684	A	T	0.137 617	TRUE	reported	igd	20.32 0356

	786		0		3			5							5
130 0	ebi-a-GC ST90027 786	6	8991 886	-0.183 384	0.04 0013 8	4.58E -06	7738	rs659 7377	C	A	0.453 141	TRUE	reported	igd	21.00 4061 86
130 1	ebi-a-GC ST90027 786	8	1367 1808 7	0.274 168	0.06 1019 1	7.02E -06	7738	rs571 9377 8	G	A	0.109 72	TRUE	reported	igd	20.18 8401 46
130 2	ebi-a-GC ST90027 786	12	1080 4179 7	-0.243 218	0.05 0404 1	1.40E -06	7738	rs731 8735 4	A	G	0.183 607	TRUE	reported	igd	23.28 4112 92
130 3	ebi-a-GC ST90027 786	12	1302 8378 5	0.197 791	0.04 4298 5	8.01E -06	7738	rs110 6055 9	A	G	0.742 152	TRUE	reported	igd	19.93 5861 64
130 4	ebi-a-GC ST90027 786	14	6522 6044	0.284 059	0.06 3346 8	7.32E -06	7738	rs355 9512 6	T	C	0.114 309	TRUE	reported	igd	20.10 7947 63
130 5	ebi-a-GC ST90027 786	15	1000 6363 5	0.193 08	0.03 9950 1	1.34E -06	7738	rs124 4127 8	A	T	0.428 045	TRUE	reported	igd	23.35 8171 29
130 6	ebi-a-GC ST90027 786	18	7647 8271	-0.302 914	0.06 6707 3	5.60E -06	7738	rs197 6629	T	C	0.906 393	TRUE	reported	igd	20.62 0156 93
130 7	ebi-a-GC ST90027 786	18	6164 1374	0.188 711	0.04 0817 5	3.78E -06	7738	rs574 764	A	C	0.386 483	TRUE	reported	igd	21.37 4778 81

1308	ebi-a-GC ST90027 786	19	5473 2216	0.427 583	0.09 5359 8	7.33E -06	7738	rs169 6015 2	A	G	0.065 2382	TRUE	reported	igd	20.10 5283 3
1309	ebi-a-GC ST90027 786	22	5103 8369	-0.259 143	0.05 7056 3	5.58E -06	7738	rs715 519	C	G	0.140 116	TRUE	reported	igd	20.62 8694 97
1310	ebi-a-GC ST90027 787	1	1955 0114 9	0.143 13	0.03 1489	5.48E -06	7738	rs671 9475 4	G	A	0.278 666	TRUE	reported	igd	20.66 0632 12
1311	ebi-a-GC ST90027 787	1	3060 3043	0.178 862	0.04 0459 2	9.83E -06	7738	rs726 6281 7	G	A	0.181 412	TRUE	reported	igd	19.54 3465 79
1312	ebi-a-GC ST90027 787	3	6024 3843	0.186 816	0.03 9403 9	2.13E -06	7738	rs173 9871 2	C	G	0.156 544	TRUE	reported	igd	22.47 7588 77
1313	ebi-a-GC ST90027 787	4	1116 9139	-0.246 343	0.05 3168 4	3.60E -06	7738	rs792 0174 9	A	G	0.091 0655	TRUE	reported	igd	21.46 7094 57
1314	ebi-a-GC ST90027 787	6	2545 4869	0.138 489	0.02 9948 9	3.76E -06	7738	rs935 6977	A	C	0.645 474	TRUE	reported	igd	21.38 3008 43
1315	ebi-a-GC ST90027 787	10	1013 9363	0.148 601	0.03 0815 5	1.42E -06	7738	rs707 3292	G	A	0.374 935	TRUE	reported	igd	23.25 4393 99
131	ebi-a-GC	15	9359	-0.189	0.03	1.87E	7738	rs118	T	C	0.163	TRUE	reported	igd	22.71

6	ST90027 787		6061	446	9745 7	-06		5839 9			698				9071 56
131 7	ebi-a-GC ST90027 788	3	2932 365	-0.178 75	0.03 9311 5	5.44E -06	7738	rs130 6192 8	G	A	0.192 297	TRUE	reported	igd	20.67 535
131 8	ebi-a-GC ST90027 788	3	5579 6723	0.149 789	0.03 3349 4	7.07E -06	7738	rs984 8037	G	A	0.739 047	TRUE	reported	igd	20.17 3618 01
131 9	ebi-a-GC ST90027 788	11	3960 3353	-0.149 358	0.03 2945 8	5.80E -06	7738	rs775 4495 9	A	G	0.285 411	TRUE	reported	igd	20.55 2131 2
132 0	ebi-a-GC ST90027 788	12	5732 2492	-0.181 533	0.03 6928 1	8.84E -07	7738	rs187 2436	T	C	0.191 344	TRUE	reported	igd	24.16 5581 12
132 1	ebi-a-GC ST90027 788	13	1014 0222 5	0.159 167	0.03 5849 1	9.00E -06	7738	rs951 3795	T	C	0.203 817	TRUE	reported	igd	19.71 2855 9
132 2	ebi-a-GC ST90027 788	22	4849 2960	-0.168 8	0.03 7867 8	8.29E -06	7738	rs576 8347	G	T	0.823 431	TRUE	reported	igd	19.87 0314 23
132 3	ebi-a-GC ST90027 789	2	2009 1354 6	-0.225 163	0.05 0625 1	8.68E -06	7738	rs744 1294 1	C	A	0.062 8039	TRUE	reported	igd	19.78 1638 66
132 4	ebi-a-GC ST90027	2	1452 5272	0.218 2	0.04 8931	8.22E -06	7738	rs676 1789	G	T	0.070 1702	TRUE	reported	igd	19.88 5556

	789		9		2										96
132 5	ebi-a-GC ST90027 789	2	8884 8180	-0.128 058	0.02 6604 7	1.48E -06	7738	rs435 2232	G	C	0.316 327	TRUE	reported	igd	23.16 8434 93
132 6	ebi-a-GC ST90027 789	3	1685 8770 9	-0.126 056	0.02 6697 2	2.34E -06	7738	rs677 8836	A	T	0.722 67	TRUE	reported	igd	22.29 4391 03
132 7	ebi-a-GC ST90027 789	4	1638 2262 3	0.263 588	0.05 7925 5	5.35E -06	7738	rs752 0263 7	G	A	0.063 7073	TRUE	reported	igd	20.70 6737 94
132 8	ebi-a-GC ST90027 789	7	2964 863	-0.140 145	0.03 0965 4	6.01E -06	7738	rs118 2140	G	A	0.801 962	TRUE	reported	igd	20.48 3389 67
132 9	ebi-a-GC ST90027 789	7	5042 4061	-0.121 291	0.02 6657 6	5.37E -06	7738	rs779 0846	G	A	0.722 492	TRUE	reported	igd	20.70 2131 33
133 0	ebi-a-GC ST90027 789	7	1345 4992 7	0.134 283	0.02 8065 4	1.71E -06	7738	rs102 3667 8	A	G	0.747 711	TRUE	reported	igd	22.89 2836 03
133 1	ebi-a-GC ST90027 789	8	7443 4869	0.121 481	0.02 5356 6	1.66E -06	7738	rs442 4244	C	T	0.352 337	TRUE	reported	igd	22.95 2747 4
133 2	ebi-a-GC ST90027 789	13	3438 2060	0.110 327	0.02 3743 8	3.38E -06	7738	rs799 0301	T	C	0.536 36	TRUE	reported	igd	21.59 0523 23

133 3	ebi-a-GC ST90027 789	16	2630 4777	0.130 159	0.02 8426 9	4.68E -06	7738	rs110 7476 6	T	C	0.243 533	TRUE	reported	igd	20.96 4736 25
133 4	ebi-a-GC ST90027 790	1	1378 5516	0.120 728	0.02 6733 4	6.30E -06	7738	rs109 2757 5	C	G	0.141 584	TRUE	reported	igd	20.39 4244 38
133 5	ebi-a-GC ST90027 790	1	1212 3715 6	-0.199 37	0.04 3851 3	5.45E -06	7738	rs121 2315 7	T	G	0.061 8234	TRUE	reported	igd	20.67 0675 64
133 6	ebi-a-GC ST90027 790	2	1061 8724 6	-0.101 888	0.02 1240 3	1.61E -06	7738	rs116 7851 2	C	T	0.219 408	TRUE	reported	igd	23.01 0432 51
133 7	ebi-a-GC ST90027 790	3	1410 7805 9	0.162 865	0.03 3733 8	1.38E -06	7738	rs773 6231 7	G	T	0.073 2534	TRUE	reported	igd	23.30 9072 66
133 8	ebi-a-GC ST90027 790	3	9812 0246	-0.165 915	0.03 6185 6	4.54E -06	7738	rs130 6082 0	T	C	0.072 3913	TRUE	reported	igd	21.02 3244 76
133 9	ebi-a-GC ST90027 790	3	1785 2886	0.120 423	0.02 6974 8	8.03E -06	7738	rs561 0550 8	C	G	0.127 461	TRUE	reported	igd	19.92 9776 01
134 0	ebi-a-GC ST90027 790	4	7805 889	0.103 443	0.02 0332 3	3.63E -07	7738	rs119 3302 0	C	T	0.246 485	TRUE	reported	igd	25.88 3869 19
134	ebi-a-GC	5	7178	-0.160	0.03	7.87E	7738	rs799	C	A	0.067	TRUE	reported	igd	19.96

1	ST90027 790		6401	806	5985 4	-06		6906 3			7792				8793 65
134 2	ebi-a-GC ST90027 790	6	1235 4429 4	0.112 878	0.02 2268 6	4.00E -07	7738	rs692 2056	G	T	0.804 502	TRUE	reported	igd	25.69 4062 91
134 3	ebi-a-GC ST90027 790	8	5996 2804	0.088 4819	0.01 9784 7	7.74E -06	7738	rs396 720	T	C	0.717 832	TRUE	reported	igd	20.00 0918 53
134 4	ebi-a-GC ST90027 790	8	1175 4238 5	-0.132 382	0.02 9659	8.06E -06	7738	rs426 8153	A	G	0.107 514	TRUE	reported	igd	19.92 2547 37
134 5	ebi-a-GC ST90027 790	9	1117 8855 8	0.159 484	0.03 5455 7	6.86E -06	7738	rs218 4120	C	T	0.070 3719	TRUE	reported	igd	20.23 3085 24
134 6	ebi-a-GC ST90027 790	15	4684 4195	-0.180 14	0.03 8731 7	3.30E -06	7738	rs477 5557	C	T	0.060 7152	TRUE	reported	igd	21.63 1528 01
134 7	ebi-a-GC ST90027 790	20	5825 1131	-0.113 657	0.02 5508 1	8.36E -06	7738	rs242 6807	C	T	0.143 411	TRUE	reported	igd	19.85 3457 72
134 8	ebi-a-GC ST90027 791	4	1746 0055 1	0.203 012	0.04 0763 5	6.35E -07	7738	rs100 1468 6	A	G	0.094 3997	TRUE	reported	igd	24.80 2787 22
134 9	ebi-a-GC ST90027	4	1697 6463	0.122 241	0.02 7639	9.75E -06	7738	rs469 2552	C	T	0.263 581	TRUE	reported	igd	19.56 0064

	791		1		6										42
135 0	ebi-a-GC ST90027 791	7	7817 0494	0.172 603	0.03 7624 3	4.49E -06	7738	rs624 6860 8	C	A	0.116 486	TRUE	reported	igd	21.04 5527 83
135 1	ebi-a-GC ST90027 791	9	2126 5197	0.108 309	0.02 4161 5	7.37E -06	7738	rs133 0325	A	T	0.384 105	TRUE	reported	igd	20.09 4689 81
135 2	ebi-a-GC ST90027 791	10	1244 5790 6	-0.111 962	0.02 3576 8	2.05E -06	7738	rs290 1343	T	C	0.430 528	TRUE	reported	igd	22.55 1299 7
135 3	ebi-a-GC ST90027 791	12	2058 8382	-0.144 302	0.03 0962 9	3.15E -06	7738	rs648 7088	T	C	0.819 447	TRUE	reported	igd	21.72 0081
135 4	ebi-a-GC ST90027 791	12	1307 0332 2	-0.159 119	0.03 5239 4	6.32E -06	7738	rs108 4803 7	C	T	0.127 875	TRUE	reported	igd	20.38 8584 28
135 5	ebi-a-GC ST90027 791	14	8984 4111	-0.108 82	0.02 3893	5.25E -06	7738	rs195 2183	G	A	0.503 271	TRUE	reported	igd	20.74 3215 39
135 6	ebi-a-GC ST90027 791	21	4318 4320	0.115 938	0.02 5846 7	7.27E -06	7738	rs287 1118	A	G	0.276 078	TRUE	reported	igd	20.12 0622 1
135 7	ebi-a-GC ST90027 791	22	3736 7536	-0.180 458	0.03 5793 1	4.61E -07	7738	rs177 4954 0	T	C	0.148 921	TRUE	reported	igd	25.41 8718 53

1358	ebi-a-GC ST90027 791	22	5094 0762	-0.140 422	0.02 9329	1.69E -06	7738	rs734 4333 6	G	A	0.219 245	TRUE	reported	igd	22.92 3229 24
1359	ebi-a-GC ST90027 792	1	1585 1893 9	-0.134 336	0.02 7522 1	1.06E -06	7738	rs980 4152	C	T	0.741 779	TRUE	reported	igd	23.82 4384 42
1360	ebi-a-GC ST90027 792	2	1747 1173 0	-0.114 822	0.02 5650 9	7.59E -06	7738	rs673 1499	G	A	0.320 232	TRUE	reported	igd	20.03 7567 55
1361	ebi-a-GC ST90027 792	2	1141 2872 1	0.243 283	0.05 2711 9	3.92E -06	7738	rs124 7475 3	T	C	0.063 0051	TRUE	reported	igd	21.30 1303 68
1362	ebi-a-GC ST90027 792	3	6237 1898	0.213 265	0.04 5680 3	3.03E -06	7738	rs113 1579 37	T	C	0.086 2479	TRUE	reported	igd	21.79 6224 84
1363	ebi-a-GC ST90027 792	3	1937 5501 1	0.131 35	0.02 9329 4	7.52E -06	7738	rs236 8038	T	A	0.226 705	TRUE	reported	igd	20.05 6437 62
1364	ebi-a-GC ST90027 792	8	6085 1737	0.177 351	0.03 9819 2	8.43E -06	7738	rs755 7839 7	A	T	0.101 482	TRUE	reported	igd	19.83 7284 52
1365	ebi-a-GC ST90027 792	9	1351 4253	-0.149 816	0.03 3799 4	9.31E -06	7738	rs109 6109 7	T	C	0.145 585	TRUE	reported	igd	19.64 7098 08
136	ebi-a-GC	11	1290	0.124	0.02	6.68E	7738	rs659	T	C	0.755	TRUE	reported	igd	20.28

6	ST90027 792		9085 2	84	7719 9	-06		0368			115				2626 89
136 7	ebi-a-GC ST90027 792	12	1510 640	0.144 177	0.03 0687 3	2.62E -06	7738	rs108 4847 1	A	C	0.205 093	TRUE	reported	igd	22.07 3673 33
136 8	ebi-a-GC ST90027 792	16	6213 3341	-0.124 334	0.02 4186 6	2.74E -07	7738	rs129 3524 4	C	A	0.363 694	TRUE	reported	igd	26.42 5923 11
136 9	ebi-a-GC ST90027 793	1	1580 5296 6	-0.080 517	0.01 6593 9	1.22E -06	7738	rs669 5790	G	T	0.522 521	TRUE	reported	igd	23.54 3890 7
137 0	ebi-a-GC ST90027 793	2	2421 2733 4	0.125 081	0.02 7950 7	7.64E -06	7738	rs360 4224 0	C	G	0.100 968	TRUE	reported	igd	20.02 6142 94
137 1	ebi-a-GC ST90027 793	8	5635 1168	0.079 789	0.01 7728 3	6.77E -06	7738	rs726 4566 6	A	G	0.299 503	TRUE	reported	igd	20.25 5914 7
137 2	ebi-a-GC ST90027 793	8	9875 5721	0.085 0013	0.01 8982 6	7.54E -06	7738	rs244 9527	A	G	0.248 582	TRUE	reported	igd	20.05 1171 1
137 3	ebi-a-GC ST90027 793	9	8516 5993	0.118 34	0.02 5887 8	4.85E -06	7738	rs189 0115	T	G	0.110 317	TRUE	reported	igd	20.89 6465 8
137 4	ebi-a-GC ST90027	10	8272 6856	0.087 2277	0.01 8424	2.20E -06	7738	rs433 3970	A	G	0.734 925	TRUE	reported	igd	22.41 5116

	793														1
137 5	ebi-a-GC ST90027 793	11	1156 9204 0	0.072 2317	0.01 6344 6	9.90E -06	7738	rs193 9678	G	A	0.508 082	TRUE	reported	igd	19.53 0217 48
137 6	ebi-a-GC ST90027 793	11	1326 3210 8	0.129 032	0.02 8387 6	5.48E -06	7738	rs128 0749 9	A	G	0.098 5692	TRUE	reported	igd	20.66 0341 87
137 7	ebi-a-GC ST90027 793	15	8737 9693	-0.081 1965	0.01 7950 8	6.09E -06	7738	rs145 2438	G	A	0.716 886	TRUE	reported	igd	20.46 0064 67
137 8	ebi-a-GC ST90027 793	17	7502 3226	0.075 5096	0.01 6607 5	5.45E -06	7738	rs186 7204	G	C	0.513 597	TRUE	reported	igd	20.67 2634 07
137 9	ebi-a-GC ST90027 793	20	5030 6537	-0.081 6426	0.01 8069 6	6.24E -06	7738	rs602 1385	C	G	0.292 33	TRUE	reported	igd	20.41 4397 93
138 0	ebi-a-GC ST90027 794	2	4975 4547	0.090 2218	0.01 9707 4	4.69E -06	7738	rs135 8421	A	G	0.351 206	TRUE	reported	igd	20.95 8698 57
138 1	ebi-a-GC ST90027 794	3	1965 5326 0	0.136 893	0.03 086	9.17E -06	7738	rs668 0690 8	G	C	0.889 921	TRUE	reported	igd	19.67 7532 52
138 2	ebi-a-GC ST90027 794	3	1441 6928 0	0.089 2958	0.01 9952 8	7.63E -06	7738	rs352 3995 8	C	T	0.320 066	TRUE	reported	igd	20.02 8774 01

138 3	ebi-a-GC ST90027 794	4	1744 2252 8	-0.086 4051	0.01 9491 7	9.30E -06	7738	rs766 5837	C	G	0.449 344	TRUE	reported	igd	19.65 0758 46
138 4	ebi-a-GC ST90027 794	5	1595 7502 8	0.082 9043	0.01 8581 3	8.13E -06	7738	rs287 0678 8	A	G	0.540 016	TRUE	reported	igd	19.90 6821 54
138 5	ebi-a-GC ST90027 794	7	1121 3767 6	0.172 041	0.03 8591 8	8.27E -06	7738	rs290 6787	C	T	0.936 52	TRUE	reported	igd	19.87 3476 5
138 6	ebi-a-GC ST90027 794	7	2521 0734	0.165 026	0.03 7028 8	8.32E -06	7738	rs271 7881	A	T	0.926 897	TRUE	reported	igd	19.86 2114
138 7	ebi-a-GC ST90027 794	10	7898 4504	0.087 9087	0.01 9501 2	6.55E -06	7738	rs110 0209 1	C	T	0.379 164	TRUE	reported	igd	20.32 0811 29
138 8	ebi-a-GC ST90027 794	13	1147 4447 5	-0.097 1784	0.02 0847 6	3.14E -06	7738	rs980 5811	G	A	0.730 185	TRUE	reported	igd	21.72 8380 47
138 9	ebi-a-GC ST90027 794	14	8046 3424	-0.172 677	0.03 8845 2	8.78E -06	7738	rs117 6322 97	A	G	0.063 938	TRUE	reported	igd	19.76 0333 32
139 0	ebi-a-GC ST90027 794	16	8230 0059	-0.085 848	0.01 9386 4	9.50E -06	7738	rs805 0653	G	A	0.434 569	TRUE	reported	igd	19.60 9477 64
139	ebi-a-GC	17	6331	0.162	0.03	6.83E	7738	rs744	A	G	0.072	TRUE	reported	igd	20.24

1	ST90027 794		5851	183	6048 7	-06		1368 7			8206				0975 71
139 2	ebi-a-GC ST90027 794	18	1101 0141	-0.093 0074	0.01 8893 9	8.54E -07	7738	rs266 0277	G	T	0.449 167	TRUE	reported	igd	24.23 2140 76
139 3	ebi-a-GC ST90027 794	19	3740 9561	-0.084 9199	0.01 8909 7	7.10E -06	7738	rs544 964	G	A	0.573 552	TRUE	reported	igd	20.16 7388 77
139 4	ebi-a-GC ST90027 794	20	5722 4053	0.117 823	0.02 5518 7	3.89E -06	7738	rs130 4020 4	G	A	0.216 899	TRUE	reported	igd	21.31 7833 23
139 5	ebi-a-GC ST90027 795	1	7694 0156	-0.270 616	0.06 0893 3	8.83E -06	7738	rs121 2452 5	T	C	0.062 6426	TRUE	reported	igd	19.75 0037 29
139 6	ebi-a-GC ST90027 795	2	1702 1864 3	0.213 453	0.04 7666 9	7.53E -06	7738	rs381 5679	T	C	0.094 1311	TRUE	reported	igd	20.05 2600 83
139 7	ebi-a-GC ST90027 795	2	1738 5654 5	-0.239 66	0.05 2948	6.00E -06	7738	rs101 1345	C	T	0.078 6334	TRUE	reported	igd	20.48 7642 61
139 8	ebi-a-GC ST90027 795	3	1895 4696 9	-0.300 379	0.06 5739 8	4.90E -06	7738	rs799 5177 4	T	G	0.050 6578	TRUE	reported	igd	20.87 7686 76
139 9	ebi-a-GC ST90027	3	1845 4062	0.264 744	0.05 5011	1.49E -06	7738	rs730 4033	C	T	0.075 7948	TRUE	reported	igd	23.16 0274

	795				6			1							35
140 0	ebi-a-GC ST90027 795	18	4990 1001	-0.267 815	0.05 1179 4	1.67E -07	7738	rs105 0294 3	C	A	0.086 5447	TRUE	reported	igd	27.38 2898 4
140 1	ebi-a-GC ST90027 796	2	5436 3878	-0.079 0706	0.01 7039 7	3.48E -06	7738	rs560 0193 9	C	T	0.362 334	TRUE	reported	igd	21.53 3081 29
140 2	ebi-a-GC ST90027 796	4	2785 0234	-0.110 209	0.02 3976 3	4.30E -06	7738	rs131 1942 3	C	A	0.139 999	TRUE	reported	igd	21.12 8554 96
140 3	ebi-a-GC ST90027 796	9	2180 8352	-0.158 04	0.03 5193 5	7.10E -06	7738	rs556 8237 5	A	G	0.067 4229	TRUE	reported	igd	20.16 5505 94
140 4	ebi-a-GC ST90027 796	10	4768 5828	0.092 3722	0.02 0591	7.26E -06	7738	rs449 5839	G	A	0.488 273	TRUE	reported	igd	20.12 4620 4
140 5	ebi-a-GC ST90027 796	11	5806 426	0.140 943	0.02 7223 1	2.25E -07	7738	rs107 6922 1	A	G	0.884 538	TRUE	reported	igd	26.80 4756 46
140 6	ebi-a-GC ST90027 796	16	8130 2009	0.093 0476	0.02 0056 9	3.50E -06	7738	rs124 4633 4	G	A	0.275 569	TRUE	reported	igd	21.52 2005 25
140 7	ebi-a-GC ST90027 796	19	3571 8076	-0.080 9638	0.01 6915 1	1.70E -06	7738	rs725 5582	T	C	0.411 214	TRUE	reported	igd	22.91 0397 67

1408	ebi-a-GC ST90027 796	19	4579 3832	-0.082 5242	0.01 7670 4	3.01E -06	7738	rs348 6563 6	T	A	0.312 404	TRUE	reported	igd	21.81 0714 08
1409	ebi-a-GC ST90027 796	20	1890 6606	0.088 6682	0.01 8516	1.68E -06	7738	rs110 8727 0	T	A	0.267 415	TRUE	reported	igd	22.93 1973 97
1410	ebi-a-GC ST90027 797	2	6577 5890	-0.076 5503	0.01 6717 8	4.67E -06	7738	rs840 787	G	C	0.372 348	TRUE	reported	igd	20.96 6963 7
1411	ebi-a-GC ST90027 797	4	3645 9051	-0.129 122	0.02 6468 2	1.07E -06	7738	rs617 9821 6	G	A	0.113 551	TRUE	reported	igd	23.79 8614 46
1412	ebi-a-GC ST90027 797	6	1021 2884 3	0.144 57	0.03 2171 5	7.00E -06	7738	rs121 9702 8	G	A	0.085 9036	TRUE	reported	igd	20.19 3599 62
1413	ebi-a-GC ST90027 797	8	5955 4706	0.079 5663	0.01 7959 1	9.41E -06	7738	rs101 1332 3	G	A	0.295 397	TRUE	reported	igd	19.62 8593 83
1414	ebi-a-GC ST90027 797	10	1030 7625 2	-0.086 919	0.01 8389	2.28E -06	7738	rs124 1530 7	G	A	0.289 391	TRUE	reported	igd	22.34 1545 71
1415	ebi-a-GC ST90027 797	10	9526 946	-0.139 551	0.02 8375 1	8.74E -07	7738	rs749 4922 9	A	G	0.093 9624	TRUE	reported	igd	24.18 7506 79
141	ebi-a-GC	17	3432	-0.098	0.02	6.15E	7738	rs210	T	C	0.243	TRUE	reported	igd	20.43

6	ST90027 797		2610	7778	1848 5	-06		7539			401				9743 73
141 7	ebi-a-GC ST90027 797	17	5955 6923	0.099 4099	0.02 1117	2.51E -06	7738	rs378 5822	A	G	0.178 193	TRUE	reported	igd	22.16 1279 65
141 8	ebi-a-GC ST90027 797	19	1656 7351	-0.079 4064	0.01 7695 8	7.21E -06	7738	rs367 20	C	T	0.306 358	TRUE	reported	igd	20.13 5879 88
141 9	ebi-a-GC ST90027 798	2	1278 2625 9	-0.200 679	0.04 3345 3	3.66E -06	7738	rs114 4462 85	G	A	0.212 676	TRUE	reported	igd	21.43 4819 48
142 0	ebi-a-GC ST90027 798	2	1423 2453 6	0.174 708	0.03 9187 2	8.26E -06	7738	rs126 2149 9	G	A	0.309 763	TRUE	reported	igd	19.87 6372 05
142 1	ebi-a-GC ST90027 798	6	1273 2095	0.191 415	0.03 6582 2	1.67E -07	7738	rs570 295	G	A	0.604 353	TRUE	reported	igd	27.37 8666 77
142 2	ebi-a-GC ST90027 798	9	1139 2955 7	-0.163 95	0.03 5669 9	4.30E -06	7738	rs391 6427	C	T	0.534 825	TRUE	reported	igd	21.12 6086 73
142 3	ebi-a-GC ST90027 798	9	1402 1541 5	0.205 329	0.04 5531 4	6.49E -06	7738	rs941 4689	G	C	0.686 804	TRUE	reported	igd	20.33 6610 73
142 4	ebi-a-GC ST90027	13	3098 1374	-0.326 536	0.06 8729	2.02E -06	7738	rs950 8731	T	A	0.099 1426	TRUE	reported	igd	22.57 2297

	798				5										62
142 5	ebi-a-GC ST90027 798	14	7520 7510	0.240 822	0.05 3063 9	5.67E -06	7738	rs116 2663 0	T	C	0.154 357	TRUE	reported	igd	20.59 6526 55
142 6	ebi-a-GC ST90027 798	18	4299 1796	0.326 474	0.06 9477	2.61E -06	7738	rs441 6113	A	G	0.072 3921	TRUE	reported	igd	22.08 0814 32
142 7	ebi-a-GC ST90027 798	19	2848 4840	0.168 258	0.03 6767	4.73E -06	7738	rs480 5013	T	A	0.413 523	TRUE	reported	igd	20.94 2814 91
142 8	ebi-a-GC ST90027 798	19	5113 2056	0.234 442	0.05 0596 3	3.59E -06	7738	rs423 9490	C	T	0.833 293	TRUE	reported	igd	21.47 0062 93
142 9	ebi-a-GC ST90027 799	1	4855 4579	-0.128 203	0.02 6118	9.17E -07	7738	rs120 4162 1	A	G	0.198 693	TRUE	reported	igd	24.09 4423 57
143 0	ebi-a-GC ST90027 799	1	1498 8933 9	0.132 729	0.02 9865 3	8.82E -06	7738	rs121 3110 4	T	C	0.161 802	TRUE	reported	igd	19.75 1399 87
143 1	ebi-a-GC ST90027 799	1	2140 1175 6	-0.136 479	0.03 0682 3	8.66E -06	7738	rs108 6407 3	C	T	0.115 526	TRUE	reported	igd	19.78 5901 35
143 2	ebi-a-GC ST90027 799	3	5054 1769	-0.128 822	0.02 8541 8	6.38E -06	7738	rs347 6218 4	A	G	0.141 534	TRUE	reported	igd	20.37 1234 95

143 3	ebi-a-GC ST90027 799	3	1490 8001 1	-0.145 045	0.03 0017 8	1.35E -06	7738	rs986 5704	A	G	0.127 359	TRUE	reported	igd	23.34 7898 97
143 4	ebi-a-GC ST90027 799	13	5981 0492	-0.092 3593	0.02 0004 7	3.90E -06	7738	rs488 4323	G	T	0.398 074	TRUE	reported	igd	21.31 5581 24
143 5	ebi-a-GC ST90027 799	20	3851 7535	-0.149 704	0.03 0114 1	6.65E -07	7738	rs188 4673	T	C	0.122 825	TRUE	reported	igd	24.71 3088 97
143 6	ebi-a-GC ST90027 800	1	8192 7648	0.260 285	0.05 7098 1	5.15E -06	7738	rs426 8390	G	A	0.068 3627	TRUE	reported	igd	20.78 0450 95
143 7	ebi-a-GC ST90027 800	1	3434 8912	-0.232 995	0.04 8095 9	1.27E -06	7738	rs132 1631	G	A	0.093 1154	TRUE	reported	igd	23.46 8054 64
143 8	ebi-a-GC ST90027 800	1	2229 2795 1	-0.168 061	0.03 6349 1	3.77E -06	7738	rs352 0088 6	A	G	0.173 258	TRUE	reported	igd	21.37 6990 4
143 9	ebi-a-GC ST90027 800	1	1543 7416 2	-0.266 917	0.05 8883 7	5.82E -06	7738	rs792 0765 0	A	G	0.064 1043	TRUE	reported	igd	20.54 7656 04
144 0	ebi-a-GC ST90027 800	10	6439 6790	-0.158 097	0.03 3107 6	1.79E -06	7738	rs120 9869 9	G	A	0.210 189	TRUE	reported	igd	22.80 2993 26
144	ebi-a-GC	3	1954	-0.279	0.06	4.77E	7738	rs760	C	A	0.055	TRUE	reported	igd	20.92

1	ST90027 801		6426 1	535	1105 4	-06		2191 3			3618				7300 13
144 2	ebi-a-GC ST90027 801	4	1832 5224 8	-0.147 336	0.03 2867 9	7.37E -06	7738	rs726 9809 5	G	C	0.162 094	TRUE	reported	igd	20.09 4344 16
144 3	ebi-a-GC ST90027 801	4	8868 227	0.143 728	0.03 0153 2	1.87E -06	7738	rs424 5954	T	C	0.168 029	TRUE	reported	igd	22.72 0398 7
144 4	ebi-a-GC ST90027 801	9	1098 7399 3	-0.138 437	0.02 9627 5	2.97E -06	7738	rs187 8735	A	C	0.169 658	TRUE	reported	igd	21.83 3046 77
144 5	ebi-a-GC ST90027 801	9	1379 3758	0.203 009	0.04 2187 5	1.49E -06	7738	rs785 1638	G	A	0.917 481	TRUE	reported	igd	23.15 5971 35
144 6	ebi-a-GC ST90027 801	9	1361 5486 7	-0.123 57	0.02 7373 2	6.35E -06	7738	rs495 828	T	G	0.209 253	TRUE	reported	igd	20.37 8628 5
144 7	ebi-a-GC ST90027 801	12	8991 4880	0.118 385	0.02 5530 7	3.54E -06	7738	rs108 5889 5	T	A	0.507 927	TRUE	reported	igd	21.50 1458 1
144 8	ebi-a-GC ST90027 801	14	5132 5748	-0.107 625	0.02 4286 3	9.36E -06	7738	rs714 8318	A	G	0.702 401	TRUE	reported	igd	19.63 8287 7
144 9	ebi-a-GC ST90027	2	1701 6268	0.081 7846	0.01 8481	9.64E -06	7738	rs126 2208	G	A	0.302 884	TRUE	reported	igd	19.58 1886

	802		2		8			5							79
145 0	ebi-a-GC ST90027 802	3	1661 391	-0.095 7917	0.02 1309 3	6.95E -06	7738	rs185 0270	T	C	0.206 659	TRUE	reported	igd	20.20 7723 66
145 1	ebi-a-GC ST90027 802	4	7371 1914	0.089 4719	0.01 9930 9	7.15E -06	7738	rs683 0068	T	G	0.217 332	TRUE	reported	igd	20.15 2062 42
145 2	ebi-a-GC ST90027 802	4	1077 1036 0	0.148 769	0.03 3019 5	6.62E -06	7738	rs117 2676 4	A	C	0.066 2113	TRUE	reported	igd	20.29 9432 76
145 3	ebi-a-GC ST90027 802	4	1682 3900	-0.076 8331	0.01 7347 7	9.47E -06	7738	rs123 043	A	C	0.648 591	TRUE	reported	igd	19.61 6110 8
145 4	ebi-a-GC ST90027 802	7	1876 0347	0.143 047	0.03 0629	3.01E -06	7738	rs472 1723	G	C	0.081 9166	TRUE	reported	igd	21.81 1818 37
145 5	ebi-a-GC ST90027 802	8	8195 6395	0.084 0306	0.01 7324 3	1.23E -06	7738	rs700 0832	A	C	0.456 351	TRUE	reported	igd	23.52 6836 68
145 6	ebi-a-GC ST90027 802	11	2306 168	0.094 0162	0.01 8667 6	4.75E -07	7738	rs710 4786	T	C	0.432 431	TRUE	reported	igd	25.36 4623 16
145 7	ebi-a-GC ST90027 802	11	4745 154	-0.080 8891	0.01 7439 8	3.51E -06	7738	rs108 3653 2	T	G	0.351 034	TRUE	reported	igd	21.51 2803 3

1458	ebi-a-GC ST90027 802	11	8766 6565	0.158 954	0.03 5054 1	5.77E -06	7738	rs210 5601	C	T	0.080 3458	TRUE	reported	igd	20.56 1996 45
1459	ebi-a-GC ST90027 802	12	1087 4415	-0.170 185	0.03 7050 2	4.36E -06	7738	rs730 4467 8	A	G	0.055 4366	TRUE	reported	igd	21.09 8979 23
1460	ebi-a-GC ST90027 802	13	1127 7068 9	0.080 51	0.01 7236 8	3.00E -06	7738	rs231 7917	G	T	0.631 045	TRUE	reported	igd	21.81 6564 8
1461	ebi-a-GC ST90027 802	17	3405 5935	0.099 7103	0.02 0848 7	1.73E -06	7738	rs728 2993 2	G	A	0.183 187	TRUE	reported	igd	22.87 2944 99
1462	ebi-a-GC ST90027 802	21	2618 1265	-0.078 9203	0.01 7154 7	4.21E -06	7738	rs481 6989	G	A	0.665 608	TRUE	reported	igd	21.16 4655 31
1463	ebi-a-GC ST90027 803	2	5411 4864	0.322 296	0.06 6930 7	1.47E -06	7738	rs229 3361	C	T	0.058 9158	TRUE	reported	igd	23.18 7776 03
1464	ebi-a-GC ST90027 803	3	1411 4928 7	-0.326 75	0.07 3459 7	8.67E -06	7738	rs197 8600	C	T	0.938 397	TRUE	reported	igd	19.78 4855 91
1465	ebi-a-GC ST90027 803	6	6658 6528	0.301 887	0.06 7908 3	8.77E -06	7738	rs728 9147 3	A	T	0.059 6427	TRUE	reported	igd	19.76 2555 66
146	ebi-a-GC	10	1147	0.160	0.03	7.73E	7738	rs720	T	A	0.317	TRUE	reported	igd	20.00

6	ST90027 803		2167 1	764	5943 6	-06		784			641				4811 42
146 7	ebi-a-GC ST90027 803	12	1851 0881	-0.332 48	0.07 1507 9	3.33E -06	7738	rs110 4404 7	C	A	0.052 9887	TRUE	reported	igd	21.61 8372 88
146 8	ebi-a-GC ST90027 803	14	9457 1340	0.204 346	0.04 3514 3	2.65E -06	7738	rs997 2236	T	C	0.155 573	TRUE	reported	igd	22.05 3030 54
146 9	ebi-a-GC ST90027 803	17	1116 95	0.143 437	0.03 1082 3	3.94E -06	7738	rs567 0201 3	A	G	0.499 03	TRUE	reported	igd	21.29 5904 52
147 0	ebi-a-GC ST90027 803	17	2070 0719	0.186 537	0.04 1816 2	8.16E -06	7738	rs795 2913 5	G	T	0.216 519	TRUE	reported	igd	19.89 9439 65
147 1	ebi-a-GC ST90027 804	4	7389 9661	0.288 519	0.05 8829 7	9.38E -07	7738	rs726 6109 1	A	G	0.067 2399	TRUE	reported	igd	24.05 2242 24
147 2	ebi-a-GC ST90027 804	4	1105 6296 0	-0.273 887	0.06 1799 6	9.34E -06	7738	rs770 5386 9	G	A	0.067 5044	TRUE	reported	igd	19.64 1357 92
147 3	ebi-a-GC ST90027 804	5	1767 5608 8	-0.215 824	0.04 7744 5	6.17E -06	7738	rs113 6385 76	T	C	0.126 007	TRUE	reported	igd	20.43 3971 13
147 4	ebi-a-GC ST90027	1	8251 9686	-0.221 532	0.04 7862	3.68E -06	7738	rs283 6853	C	G	0.097 132	TRUE	reported	igd	21.42 3093

	805				5			6							24
147 5	ebi-a-GC ST90027 805	5	1739 9205 6	0.156 136	0.03 2277 7	1.32E -06	7738	rs486 8427	T	A	0.721 699	TRUE	reported	igd	23.39 9196 08
147 6	ebi-a-GC ST90027 805	6	6998 5869	0.297 94	0.06 6681 2	7.89E -06	7738	rs117 1586 11	G	C	0.050 7184	TRUE	reported	igd	19.96 4149 49
147 7	ebi-a-GC ST90027 805	6	9649 0089	0.143 37	0.03 2135 6	8.14E -06	7738	rs746 810	C	T	0.718 648	TRUE	reported	igd	19.90 4154 98
147 8	ebi-a-GC ST90027 805	7	1169 3688	0.133 172	0.03 0058 8	9.41E -06	7738	rs102 4783 1	G	A	0.615 183	TRUE	reported	igd	19.62 8294 55
147 9	ebi-a-GC ST90027 805	7	4323 6240	0.204 196	0.04 6059	9.28E -06	7738	rs678 8736 2	C	A	0.117 421	TRUE	reported	igd	19.65 4656 2
148 0	ebi-a-GC ST90027 805	8	1946 4314	0.165 669	0.03 5591 8	3.24E -06	7738	rs492 2067	C	G	0.211 977	TRUE	reported	igd	21.66 6192 47
148 1	ebi-a-GC ST90027 805	8	7444 7312	0.169 601	0.03 7953 7	7.87E -06	7738	rs780 1465 0	C	T	0.170 916	TRUE	reported	igd	19.96 8644 09
148 2	ebi-a-GC ST90027 805	9	3682 4996	0.137 606	0.03 0027 3	4.59E -06	7738	rs101 2316 4	T	C	0.647 324	TRUE	reported	igd	21.00 1106 41

148 3	ebi-a-GC ST90027 805	15	9183 9056	0.142 093	0.03 1025 1	4.65E -06	7738	rs716 9918	G	C	0.491 794	TRUE	reported	igd	20.97 5821 91
148 4	ebi-a-GC ST90027 805	16	8147 3711	0.216 045	0.04 8540 7	8.56E -06	7738	rs310 007	C	T	0.100 313	TRUE	reported	igd	19.80 9630 26
148 5	ebi-a-GC ST90027 806	2	4588 5915	0.177 406	0.03 9874 9	8.62E -06	7738	rs675 4150 5	G	A	0.170 197	TRUE	reported	igd	19.79 4174 47
148 6	ebi-a-GC ST90027 806	4	1891 8198 1	-0.329 891	0.06 8787	1.62E -06	7738	rs116 6432 93	G	A	0.052 9189	TRUE	reported	igd	23.00 0019 1
148 7	ebi-a-GC ST90027 806	4	1124 2199 7	0.252 493	0.05 5238 7	4.86E -06	7738	rs743 3879 0	G	A	0.084 4046	TRUE	reported	igd	20.89 3528 33
148 8	ebi-a-GC ST90027 806	6	3291 1814	0.143 303	0.03 2174 3	8.43E -06	7738	rs239 5296	G	A	0.714 675	TRUE	reported	igd	19.83 7747 16
148 9	ebi-a-GC ST90027 806	6	1008 9065 4	-0.145 465	0.03 1304 6	3.37E -06	7738	rs379 8491	A	T	0.561 236	TRUE	reported	igd	21.59 2389 45
149 0	ebi-a-GC ST90027 806	6	1401 5882 8	-0.149 627	0.03 3565 1	8.28E -06	7738	rs938 9726	C	T	0.306 409	TRUE	reported	igd	19.87 2112 91
149	ebi-a-GC	7	4514	0.307	0.06	8.73E	7738	rs798	T	G	0.063	TRUE	reported	igd	19.77

1	ST90027 806		0515	706	9204 2	-06		2577 3			652				0016 16
149 2	ebi-a-GC ST90027 806	15	5891 2586	0.225 138	0.04 6797 2	1.50E -06	7738	rs125 9230 2	T	A	0.122 239	TRUE	reported	igd	23.14 5036 49
149 3	ebi-a-GC ST90027 806	15	7058 6617	-0.141 485	0.03 0269 9	2.95E -06	7738	rs135 5585	C	T	0.563 593	TRUE	reported	igd	21.84 7353
149 4	ebi-a-GC ST90027 806	16	5241 6513	-0.204 526	0.04 1510 4	8.35E -07	7738	rs173 961	A	G	0.154 021	TRUE	reported	igd	24.27 6340 09
149 5	ebi-a-GC ST90027 807	2	1834 8124	-0.151 171	0.03 1889 7	2.13E -06	7738	rs483 2418	A	G	0.230 343	TRUE	reported	igd	22.47 1709 12
149 6	ebi-a-GC ST90027 807	5	5182 6323	0.196 247	0.04 4404 6	9.89E -06	7738	rs727 4880 7	C	T	0.099 6495	TRUE	reported	igd	19.53 2153 49
149 7	ebi-a-GC ST90027 807	8	1412 0793	-0.257 391	0.05 5476 2	3.49E -06	7738	rs559 7660 8	T	C	0.059 2176	TRUE	reported	igd	21.52 6494 08
149 8	ebi-a-GC ST90027 807	9	2387 4047	0.137 435	0.03 0286 8	5.69E -06	7738	rs512 089	C	A	0.255 292	TRUE	reported	igd	20.59 1496 68
149 9	ebi-a-GC ST90027	10	1959 2884	-0.188 268	0.04 1968	7.26E -06	7738	rs249 9076	A	G	0.112 541	TRUE	reported	igd	20.12 3428

	807				7										93
150 0	ebi-a-GC ST90027 807	16	5779 6861	-0.139 969	0.02 8469 1	8.81E -07	7738	rs296 5800	A	G	0.675 362	TRUE	reported	igd	24.17 2203 61
150 1	ebi-a-GC ST90027 808	1	1133 5292 4	-0.145 337	0.03 1510 9	3.98E -06	7738	rs121 2547 2	A	G	0.649 508	TRUE	reported	igd	21.27 3099 32
150 2	ebi-a-GC ST90027 808	1	2052 3439 3	0.241 471	0.05 1867 4	3.23E -06	7738	rs727 4329 0	T	C	0.099 7011	TRUE	reported	igd	21.67 4096 6
150 3	ebi-a-GC ST90027 808	1	2275 8855 6	0.154 688	0.03 3776 1	4.65E -06	7738	rs300 0812	G	A	0.263 653	TRUE	reported	igd	20.97 4626 95
150 4	ebi-a-GC ST90027 808	3	1642 6060 3	0.135 331	0.03 0494 6	9.09E -06	7738	rs654 8355	G	A	0.615 946	TRUE	reported	igd	19.69 4669 62
150 5	ebi-a-GC ST90027 808	5	1799 7738 8	-0.136 437	0.02 9588 2	4.00E -06	7738	rs660 1127	T	G	0.529 803	TRUE	reported	igd	21.26 3131 83
150 6	ebi-a-GC ST90027 808	11	6264 866	-0.140 013	0.03 1416 3	8.32E -06	7738	rs325 705	A	G	0.509 487	TRUE	reported	igd	19.86 2168 02
150 7	ebi-a-GC ST90027 808	14	6252 0084	0.262 172	0.05 8491	7.39E -06	7738	rs801 7450	T	G	0.072 1426	TRUE	reported	igd	20.09 0674 68

1508	ebi-a-GC ST90027 808	16	7525 1973	0.135 881	0.02 9619	4.48E -06	7738	rs979 7071	A	T	0.492 462	TRUE	reported	igd	21.04 6345
1509	ebi-a-GC ST90027 808	19	4794 5391	0.140 571	0.03 0759 2	4.88E -06	7738	rs129 7841 2	T	C	0.642 047	TRUE	reported	igd	20.88 5332 65
1510	ebi-a-GC ST90027 808	19	2952 5312	0.231 829	0.05 0206 5	3.88E -06	7738	rs621 1124 8	A	G	0.099 9765	TRUE	reported	igd	21.32 1395 69
1511	ebi-a-GC ST90027 808	20	5071 4876	-0.265 599	0.05 6224 9	2.31E -06	7738	rs727 4039	T	C	0.099 162	TRUE	reported	igd	22.31 4927 89
1512	ebi-a-GC ST90027 809	1	7608 9534	0.232 4	0.05 0745 9	4.66E -06	7738	rs666 4382	C	G	0.935 054	TRUE	reported	igd	20.97 3471 91
1513	ebi-a-GC ST90027 809	3	1785 6786 4	-0.248 139	0.05 5953 5	9.22E -06	7738	rs987 2584	A	C	0.072 5455	TRUE	reported	igd	19.66 6883 27
1514	ebi-a-GC ST90027 809	6	3093 0633	-0.133 177	0.02 9778	7.74E -06	7738	rs946 8851	G	A	0.234 969	TRUE	reported	igd	20.00 1722 79
1515	ebi-a-GC ST90027 809	7	7150 8645	0.173 023	0.03 5912	1.45E -06	7738	rs471 7625	G	A	0.142 545	TRUE	reported	igd	23.21 2851 39
151	ebi-a-GC	7	5233	0.144	0.03	7.82E	7738	rs186	G	A	0.183	TRUE	reported	igd	19.98

6	ST90027 809		6084	092	2234	-06		0691			109				2569 66
151 7	ebi-a-GC ST90027 809	8	1902 9859	0.130 267	0.02 8776 7	5.99E -06	7738	rs132 5705 0	A	C	0.720 362	TRUE	reported	igd	20.49 2117 85
151 8	ebi-a-GC ST90027 809	9	7944 2588	-0.174 87	0.03 5191 3	6.73E -07	7738	rs736 5321 7	T	A	0.158 435	TRUE	reported	igd	24.69 2212 13
151 9	ebi-a-GC ST90027 809	9	7786 2854	-0.139 074	0.02 9373 1	2.19E -06	7738	rs111 4435 0	G	A	0.729 889	TRUE	reported	igd	22.41 7765 61
152 0	ebi-a-GC ST90027 809	11	2141 69	0.137 332	0.02 6645 8	2.55E -07	7738	rs153 3824	C	T	0.329 647	TRUE	reported	igd	26.56 3540 68
152 1	ebi-a-GC ST90027 809	11	7111 3304	-0.130 563	0.02 8235 4	3.76E -06	7738	rs179 2325	T	C	0.398 715	TRUE	reported	igd	21.38 2198 24
152 2	ebi-a-GC ST90027 809	11	1050 4683 9	0.120 402	0.02 5731 8	2.88E -06	7738	rs108 9578 4	G	A	0.620 468	TRUE	reported	igd	21.89 4098 51
152 3	ebi-a-GC ST90027 809	12	2088 5931	0.208 534	0.04 4094 5	2.25E -06	7738	rs169 2315 4	G	A	0.087 5038	TRUE	reported	igd	22.36 5823 98
152 4	ebi-a-GC ST90027	13	3846 3552	-0.139 392	0.02 9775	2.85E -06	7738	rs105 0746	C	T	0.246 811	TRUE	reported	igd	21.91 5370

	809				8			5							71
152 5	ebi-a-GC ST90027 809	17	2975 5009	-0.191 23	0.04 2437 1	6.60E -06	7738	rs129 4100 5	C	T	0.096 6268	TRUE	reported	igd	20.30 5825 69
152 6	ebi-a-GC ST90027 810	1	2067 5489 3	0.138 478	0.03 0715 6	6.53E -06	7738	rs233 6943	T	C	0.262 483	TRUE	reported	igd	20.32 5608 61
152 7	ebi-a-GC ST90027 810	1	6526 8226	0.154 648	0.03 4694 1	8.29E -06	7738	rs127 2510 4	G	A	0.177 096	TRUE	reported	igd	19.86 9061 95
152 8	ebi-a-GC ST90027 810	2	6793 3923	-0.148 284	0.03 3426 6	9.16E -06	7738	rs108 6536 2	T	C	0.798 704	TRUE	reported	igd	19.67 9052 15
152 9	ebi-a-GC ST90027 810	2	1045 5625	-0.153 675	0.03 0764 4	5.88E -07	7738	rs186 1231	A	G	0.741 502	TRUE	reported	igd	24.95 2240 33
153 0	ebi-a-GC ST90027 810	8	8323 0206	-0.221 321	0.04 9804 9	8.84E -06	7738	rs359 2100 3	C	A	0.081 6795	TRUE	reported	igd	19.74 6998 94
153 1	ebi-a-GC ST90027 810	12	1178 9293 1	-0.162 446	0.03 6357 9	7.90E -06	7738	rs110 6849 9	A	G	0.157 012	TRUE	reported	igd	19.96 2754 33
153 2	ebi-a-GC ST90027 810	16	8174 7602	0.129 894	0.02 9258 5	9.02E -06	7738	rs488 9373	G	A	0.720 261	TRUE	reported	igd	19.70 9430 11

153 3	ebi-a-GC ST90027 810	17	4872 9781	-0.138 735	0.02 9224 5	2.06E -06	7738	rs175 6251 6	A	T	0.301 073	TRUE	reported	igd	22.53 6055 2
153 4	ebi-a-GC ST90027 810	19	5285 5303	0.128 844	0.02 7392 6	2.56E -06	7738	rs374 5098	T	G	0.445 331	TRUE	reported	igd	22.12 3910 19
153 5	ebi-a-GC ST90027 810	20	5922 0861	-0.274 3	0.05 8640 6	2.90E -06	7738	rs739 1856 3	C	T	0.056 4855	TRUE	reported	igd	21.88 0377 2
153 6	ebi-a-GC ST90027 811	2	1440 0537 9	-0.152 439	0.03 3024	3.91E -06	7738	rs346 1323 9	A	G	0.127 172	TRUE	reported	igd	21.30 7516 38
153 7	ebi-a-GC ST90027 811	2	5693 299	-0.114 082	0.02 5307 7	6.55E -06	7738	rs101 7756 6	T	C	0.265 69	TRUE	reported	igd	20.32 0243 01
153 8	ebi-a-GC ST90027 811	3	6087 9866	-0.131 686	0.02 6565 3	7.16E -07	7738	rs117 1567 4	C	T	0.223 81	TRUE	reported	igd	24.57 2523 7
153 9	ebi-a-GC ST90027 811	3	2063 046	-0.122 061	0.02 6153 3	3.05E -06	7738	rs984 7008	G	T	0.248 17	TRUE	reported	igd	21.78 2155 61
154 0	ebi-a-GC ST90027 811	5	9776 4402	0.243 854	0.05 2456 1	3.34E -06	7738	rs100 3632 6	C	T	0.056 0296	TRUE	reported	igd	21.61 0647 06
154	ebi-a-GC	9	1158	-0.137	0.02	2.90E	7738	rs109	A	C	0.175	TRUE	reported	igd	21.88

1	ST90027 811		9780 3	51	9396 8	-06		8164 0			092				1064 62
154 2	ebi-a-GC ST90027 811	10	1030 4152 5	0.143 846	0.03 1063 2	3.64E -06	7738	rs115 9591 3	C	T	0.155 412	TRUE	reported	igd	21.44 3871 38
154 3	ebi-a-GC ST90027 811	12	1147 6639 3	0.106 237	0.02 2907 3	3.52E -06	7738	rs110 6704 8	C	G	0.385 316	TRUE	reported	igd	21.50 8186 3
154 4	ebi-a-GC ST90027 811	12	1313 6668 6	0.118 396	0.02 6031 1	5.41E -06	7738	rs560 8597 2	T	C	0.241 758	TRUE	reported	igd	20.68 6595 33
154 5	ebi-a-GC ST90027 811	13	9978 8169	0.104 578	0.02 3665 1	9.91E -06	7738	rs732 0949	A	G	0.336 448	TRUE	reported	igd	19.52 8279 21
154 6	ebi-a-GC ST90027 811	15	3240 4937	0.152 732	0.03 3082 4	3.90E -06	7738	rs620 0362 5	T	C	0.131 624	TRUE	reported	igd	21.31 4053 95
154 7	ebi-a-GC ST90027 811	19	1099 842	0.106 299	0.02 3175 3	4.50E -06	7738	rs238 4942	G	C	0.631 685	TRUE	reported	igd	21.03 8153 93
154 8	ebi-a-GC ST90027 811	20	5712 5934	0.111 75	0.02 3657 6	2.32E -06	7738	rs602 6349	T	C	0.328 205	TRUE	reported	igd	22.31 2780 57
154 9	ebi-a-GC ST90027	3	1705 3211	0.165 737	0.03 6202	4.69E -06	7738	rs617 9048	T	G	0.076 5938	TRUE	reported	igd	20.95 8578

	812		1		5			0							44
155 0	ebi-a-GC ST90027 812	8	1448 0361 6	-0.110 473	0.02 4140 3	4.73E -06	7738	rs117 8335 7	T	C	0.800 14	TRUE	reported	igd	20.94 2425 05
155 1	ebi-a-GC ST90027 812	9	1269 8714 3	-0.105 694	0.02 2901 3	3.93E -06	7738	rs647 8652	T	G	0.230 048	TRUE	reported	igd	21.30 0038 89
155 2	ebi-a-GC ST90027 812	13	7272 6920	-0.106 525	0.02 3442 2	5.52E -06	7738	rs142 1280	T	C	0.797 239	TRUE	reported	igd	20.64 9348 41
155 3	ebi-a-GC ST90027 812	15	1014 7895 9	0.101 697	0.02 1877 3	3.34E -06	7738	rs717 9502	A	G	0.264 105	TRUE	reported	igd	21.60 8709 89
155 4	ebi-a-GC ST90027 812	19	7564 269	0.127 65	0.02 6858 3	2.01E -06	7738	rs111 4811 25	G	C	0.270 292	TRUE	reported	igd	22.58 8354 63
155 5	ebi-a-GC ST90027 813	1	1871 8305	-0.078 6151	0.01 7523 9	7.25E -06	7738	rs112 6099 8	A	G	0.391 129	TRUE	reported	igd	20.12 5672 9
155 6	ebi-a-GC ST90027 813	1	1383 9382	0.091 7936	0.01 8748 2	9.77E -07	7738	rs299 0682	G	C	0.304 496	TRUE	reported	igd	23.97 2076 2
155 7	ebi-a-GC ST90027 813	2	2117 7262 4	0.080 6918	0.01 7462 3	3.82E -06	7738	rs130 0960 0	A	G	0.382 98	TRUE	reported	igd	21.35 2853 32

1558	ebi-a-GC ST90027 813	2	2164 8476 8	0.090 5141	0.01 9239 8	2.54E -06	7738	rs257 9005	G	T	0.700 988	TRUE	reported	igd	22.13 2545 65
1559	ebi-a-GC ST90027 813	4	6660 0345	0.103 214	0.02 3070 3	7.68E -06	7738	rs765 025	G	C	0.166 572	TRUE	reported	igd	20.01 5697 76
1560	ebi-a-GC ST90027 813	4	1865 5772 7	0.129 746	0.02 8473 9	5.20E -06	7738	rs778 4842 5	T	C	0.106 63	TRUE	reported	igd	20.76 3188 39
1561	ebi-a-GC ST90027 813	7	1582 4060 2	-0.088 95	0.01 8998 8	2.84E -06	7738	rs695 8516	C	G	0.305 635	TRUE	reported	igd	21.91 9950 19
1562	ebi-a-GC ST90027 813	12	1155 5099 0	-0.094 7736	0.02 0526	3.89E -06	7738	rs110 6741 5	C	A	0.221 027	TRUE	reported	igd	21.31 8964 5
1563	ebi-a-GC ST90027 813	15	8937 7788	-0.093 0015	0.02 0897 9	8.58E -06	7738	rs129 1332 0	T	C	0.236 977	TRUE	reported	igd	19.80 4989 35
1564	ebi-a-GC ST90027 813	19	2048 4610	-0.152 612	0.03 4208 1	8.15E -06	7738	rs735 3955 4	T	C	0.086 1566	TRUE	reported	igd	19.90 3042 1
1565	ebi-a-GC ST90027 813	20	3695 9732	-0.079 596	0.01 7196 5	3.68E -06	7738	rs612 7771	T	C	0.535 175	TRUE	reported	igd	21.42 4088 74
156	ebi-a-GC	1	2020	0.092	0.02	6.45E	7738	rs127	T	C	0.320	TRUE	reported	igd	20.35

6	ST90027 814		4554 1	649	0537 7	-06		2459 9			24				0630 12
156 7	ebi-a-GC ST90027 814	4	2944 1154	0.083 4404	0.01 8783 3	8.90E -06	7738	rs685 2392	T	C	0.513 342	TRUE	reported	igd	19.73 3720 14
156 8	ebi-a-GC ST90027 814	7	1545 9276 9	0.207 054	0.04 1374 4	5.60E -07	7738	rs102 7677 6	A	G	0.055 4953	TRUE	reported	igd	25.04 4007 9
156 9	ebi-a-GC ST90027 814	7	1474 1968 3	-0.093 8038	0.02 019	3.38E -06	7738	rs117 6836 3	C	T	0.640 847	TRUE	reported	igd	21.58 5803 84
157 0	ebi-a-GC ST90027 814	12	4584 3593	0.192 718	0.04 2692	6.36E -06	7738	rs341 9689 7	A	G	0.054 1149	TRUE	reported	igd	20.37 7530 81
157 1	ebi-a-GC ST90027 814	19	3555 3341	0.158 759	0.03 5825 8	9.36E -06	7738	rs168 8043	T	C	0.919 366	TRUE	reported	igd	19.63 7441 99
157 2	ebi-a-GC ST90027 814	20	1012 4075	0.144 98	0.03 2070 8	6.17E -06	7738	rs353 3431 8	C	G	0.103 231	TRUE	reported	igd	20.43 6033 41
157 3	ebi-a-GC ST90027 815	1	1580 3972 7	0.255 213	0.05 7749 2	9.90E -06	7738	rs618 1811 2	A	G	0.062 8904	TRUE	reported	igd	19.53 0512 54
157 4	ebi-a-GC ST90027	2	2338 8313	-0.271 803	0.05 7994	2.78E -06	7738	rs779 0296	A	G	0.058 6389	TRUE	reported	igd	21.96 5488

	815		3		1			8							47
157 5	ebi-a-GC ST90027 815	2	6918 0661	0.180 561	0.03 7784 6	1.76E -06	7738	rs485 4535	C	T	0.835 178	TRUE	reported	igd	22.83 5905 9
157 6	ebi-a-GC ST90027 815	4	1894 3713	-0.128 384	0.02 8083 2	4.84E -06	7738	rs100 3064 0	T	G	0.378 828	TRUE	reported	igd	20.89 9149 83
157 7	ebi-a-GC ST90027 815	10	1214 5951 7	-0.125 691	0.02 8342 7	9.22E -06	7738	rs196 229	A	C	0.624 689	TRUE	reported	igd	19.66 6447 78
157 8	ebi-a-GC ST90027 815	18	6078 1820	0.138 789	0.03 1376 3	9.72E -06	7738	rs753 6485 2	C	A	0.334 498	TRUE	reported	igd	19.56 6206 63
157 9	ebi-a-GC ST90027 816	2	2068 4657	-0.106 305	0.02 3718 6	7.40E -06	7738	rs126 2365 1	A	C	0.347 274	TRUE	reported	igd	20.08 7656 88
158 0	ebi-a-GC ST90027 816	3	9322 660	-0.120 105	0.02 4301 4	7.72E -07	7738	rs260 0191	G	T	0.621 669	TRUE	reported	igd	24.42 6406 89
158 1	ebi-a-GC ST90027 816	4	1101 148	-0.202 56	0.04 5622 1	9.00E -06	7738	rs177 2928 6	A	C	0.063 1649	TRUE	reported	igd	19.71 3186 58
158 2	ebi-a-GC ST90027 816	4	1469 3746 7	0.104 214	0.02 2515 9	3.68E -06	7738	rs685 7075	C	T	0.420 368	TRUE	reported	igd	21.42 2665 61

158 3	ebi-a-GC ST90027 816	4	5647 018	0.104 523	0.02 2409 2	3.10E -06	7738	rs100 2475 0	C	T	0.564 48	TRUE	reported	igd	21.75 5598 1
158 4	ebi-a-GC ST90027 816	6	2167 7060	-0.105 919	0.02 2908 1	3.77E -06	7738	rs946 6145	A	C	0.549 311	TRUE	reported	igd	21.37 8124 56
158 5	ebi-a-GC ST90027 816	8	3004 551	-0.235 198	0.05 0433 5	3.11E -06	7738	rs752 9714 6	C	T	0.054 1269	TRUE	reported	igd	21.74 8486 12
158 6	ebi-a-GC ST90027 816	9	1296 1313 0	0.119 345	0.02 3481	3.72E -07	7738	rs625 7888 8	A	G	0.576 574	TRUE	reported	igd	25.83 3025 97
158 7	ebi-a-GC ST90027 816	10	1334 7821	-0.118 953	0.02 4947 3	1.86E -06	7738	rs107 5229 2	G	A	0.723 602	TRUE	reported	igd	22.73 5457 59
158 8	ebi-a-GC ST90027 816	13	2523 5968	-0.151 409	0.03 0760 3	8.56E -07	7738	rs111 4917 1	C	T	0.153 328	TRUE	reported	igd	24.22 8261 29
158 9	ebi-a-GC ST90027 816	13	9618 8617	0.208 92	0.04 1861 4	6.01E -07	7738	rs780 0926 8	T	C	0.077 6471	TRUE	reported	igd	24.90 7637 53
159 0	ebi-a-GC ST90027 816	19	4658 5509	0.120 347	0.02 5477	2.32E -06	7738	rs731 362	G	C	0.322 101	TRUE	reported	igd	22.31 3821 94
159	ebi-a-GC	1	2049	0.095	0.02	4.32E	7738	rs109	G	A	0.409	TRUE	reported	igd	21.11

1	ST90027 817		7313 8	8589	0859 6	-06		0043 5			844				8007 01
159 2	ebi-a-GC ST90027 817	5	4405 5894	0.244 256	0.04 8147 1	3.91E -07	7738	rs115 5340 05	C	T	0.050 6183	TRUE	reported	igd	25.73 6543 17
159 3	ebi-a-GC ST90027 817	6	1010 8495	0.178 526	0.04 0163 5	8.79E -06	7738	rs112 6447 14	G	A	0.089 6612	TRUE	reported	igd	19.75 7857 33
159 4	ebi-a-GC ST90027 817	7	2213 4585	-0.120 102	0.02 6032 5	3.96E -06	7738	rs127 0034 5	G	C	0.179 935	TRUE	reported	igd	21.28 4758 4
159 5	ebi-a-GC ST90027 817	8	2051 904	0.104 232	0.02 3290 4	7.63E -06	7738	rs594 3684 6	A	T	0.239 328	TRUE	reported	igd	20.02 8491 82
159 6	ebi-a-GC ST90027 817	9	1258 4458 2	-0.126 729	0.02 6727	2.12E -06	7738	rs279 1437	A	G	0.191 182	TRUE	reported	igd	22.48 2861 68
159 7	ebi-a-GC ST90027 817	12	6142 2160	0.109 002	0.02 0836 5	1.68E -07	7738	rs123 0034 2	G	A	0.367 899	TRUE	reported	igd	27.36 6508 5
159 8	ebi-a-GC ST90027 817	13	7873 1727	0.174 552	0.03 8819 8	6.91E -06	7738	rs356 3091 6	T	G	0.076 8958	TRUE	reported	igd	20.21 8227 15
159 9	ebi-a-GC ST90027	3	4417 5797	-0.212 476	0.04 7629	8.16E -06	7738	rs765 1754	C	T	0.109 978	TRUE	reported	igd	19.90 0754

	818				4										52
160 0	ebi-a-GC ST90027 818	6	1252 4426 5	0.265 272	0.06 0006 1	9.84E -06	7738	rs781 762	A	G	0.073 5549	TRUE	reported	igd	19.54 3035 49
160 1	ebi-a-GC ST90027 818	8	8602 444	-0.192 657	0.04 1561 8	3.56E -06	7738	rs286 9359 4	C	A	0.151 902	TRUE	reported	igd	21.48 7252 65
160 2	ebi-a-GC ST90027 818	12	1500 603	0.227 758	0.05 0722	7.11E -06	7738	rs713 2825	A	G	0.086 9464	TRUE	reported	igd	20.16 2971 75
160 3	ebi-a-GC ST90027 818	17	3620 5502	-0.162 673	0.03 3704 9	1.39E -06	7738	rs561 6205 2	C	T	0.725 856	TRUE	reported	igd	23.29 4042 63
160 4	ebi-a-GC ST90027 818	18	8831 132	0.194 651	0.04 2743 2	5.26E -06	7738	rs762 3672 9	T	C	0.129 4	TRUE	reported	igd	20.73 8589 38
160 5	ebi-a-GC ST90027 819	2	1672 0355	0.090 7615	0.01 9938 7	5.31E -06	7738	rs127 1073 1	T	C	0.290 693	TRUE	reported	igd	20.72 0949 47
160 6	ebi-a-GC ST90027 819	2	3805 0232	-0.090 3199	0.02 0143 6	7.33E -06	7738	rs467 0221	G	C	0.308 248	TRUE	reported	igd	20.10 4474 16
160 7	ebi-a-GC ST90027 819	5	2499 0890	0.191 654	0.03 9289 4	1.07E -06	7738	rs680 5831 3	T	C	0.064 1869	TRUE	reported	igd	23.79 4960 18

1608	ebi-a-GC ST90027 819	5	1188 3600 4	0.107 047	0.02 3637 7	5.94E -06	7738	rs129 8928	G	T	0.182 956	TRUE	reported	igd	20.50 8720 59
1609	ebi-a-GC ST90027 819	6	2009 7305	-0.124 355	0.02 5994 2	1.72E -06	7738	rs936 8149	G	A	0.172 487	TRUE	reported	igd	22.88 6194 87
1610	ebi-a-GC ST90027 819	6	3770 7962	0.108 58	0.02 3452 6	3.66E -06	7738	rs361 1930 6	T	A	0.197 307	TRUE	reported	igd	21.43 4713 44
1611	ebi-a-GC ST90027 819	10	2005 604	0.088 5333	0.01 9934 7	8.95E -06	7738	rs791 2369	G	A	0.702 824	TRUE	reported	igd	19.72 3950 15
1612	ebi-a-GC ST90027 819	11	6757 7945	-0.084 58	0.01 8956 2	8.12E -06	7738	rs748 2174	G	A	0.586 38	TRUE	reported	igd	19.90 8236 78
1613	ebi-a-GC ST90027 819	12	1150 8526 7	-0.106 116	0.02 0256 1	1.62E -07	7738	rs559 2613 1	T	C	0.611 517	TRUE	reported	igd	27.44 4168 52
1614	ebi-a-GC ST90027 819	12	6540 5314	-0.089 0822	0.01 9078 4	3.02E -06	7738	rs166 570	G	C	0.636 465	TRUE	reported	igd	21.80 2081 96
1615	ebi-a-GC ST90027 819	15	3781 6202	0.109 958	0.02 2903 8	1.58E -06	7738	rs358 9564 2	T	C	0.198 579	TRUE	reported	igd	23.04 8283 04
161	ebi-a-GC	16	1008	-0.099	0.02	8.05E	7738	rs153	G	A	0.786	TRUE	reported	igd	19.92

6	ST90027 819		2174	5889	2310 4	-06		2932			723				5404 99
161 7	ebi-a-GC ST90027 819	17	4786 0915	0.127 401	0.02 4444	1.87E -07	7738	rs790 4157 9	A	G	0.182 9	TRUE	reported	igd	27.16 4462 97
161 8	ebi-a-GC ST90027 819	19	2272 309	0.110 284	0.02 4181 8	5.10E -06	7738	rs252 3176	T	C	0.204 089	TRUE	reported	igd	20.79 9254 51
161 9	ebi-a-GC ST90027 820	1	1940 3033 8	-0.179 708	0.04 0518 6	9.20E -06	7738	rs127 3949 6	A	C	0.056 7297	TRUE	reported	igd	19.67 0978 3
162 0	ebi-a-GC ST90027 820	3	1375 4108 5	-0.163 509	0.03 3484 6	1.04E -06	7738	rs346 1251 3	A	T	0.102 651	TRUE	reported	igd	23.84 4767 62
162 1	ebi-a-GC ST90027 820	3	1477 3293 2	0.183 247	0.04 1399 7	9.59E -06	7738	rs144 9052 45	A	G	0.056 5893	TRUE	reported	igd	19.59 2026 46
162 2	ebi-a-GC ST90027 820	7	3177 604	-0.205 733	0.04 3190 4	1.90E -06	7738	rs149 4868 73	T	C	0.052 965	TRUE	reported	igd	22.68 9946 17
162 3	ebi-a-GC ST90027 820	11	8813 9983	-0.084 5478	0.01 8981 7	8.42E -06	7738	rs245 7684	C	T	0.524 423	TRUE	reported	igd	19.83 9668 55
162 4	ebi-a-GC ST90027	12	5337 9025	0.144 297	0.03 0907	3.03E -06	7738	rs123 6715	T	C	0.888 638	TRUE	reported	igd	21.79 7209

	820							9							57
162 5	ebi-a-GC ST90027 820	12	1161 7932 5	-0.125 405	0.02 7293 8	4.33E -06	7738	rs868 452	A	G	0.140 339	TRUE	reported	igd	21.11 0654 37
162 6	ebi-a-GC ST90027 820	13	6343 6800	-0.088 0093	0.01 9042 2	3.80E -06	7738	rs220 4037	G	A	0.593 001	TRUE	reported	igd	21.36 1064 39
162 7	ebi-a-GC ST90027 820	17	3724 9250	0.112 638	0.02 4551 9	4.48E -06	7738	rs116 5429 1	T	C	0.198 176	TRUE	reported	igd	21.04 7457 83
162 8	ebi-a-GC ST90027 821	3	9829 4454	0.113 08	0.02 4396 2	3.57E -06	7738	rs485 7402	G	A	0.435 752	TRUE	reported	igd	21.48 4597 88
162 9	ebi-a-GC ST90027 821	4	3734 8193	0.126 432	0.02 8526 6	9.33E -06	7738	rs110 9686 8	C	T	0.237 129	TRUE	reported	igd	19.64 3279 27
163 0	ebi-a-GC ST90027 821	4	1767 3345 0	0.280 985	0.06 1836 6	5.52E -06	7738	rs623 3807 3	T	G	0.949 73	TRUE	reported	igd	20.64 7860 99
163 1	ebi-a-GC ST90027 821	6	3931 188	0.189 59	0.03 9860 2	1.97E -06	7738	rs359 4610 1	C	T	0.167 798	TRUE	reported	igd	22.62 3089 11
163 2	ebi-a-GC ST90027 821	9	3773 3013	-0.118 308	0.02 6038 7	5.53E -06	7738	rs202 6546	T	G	0.324 824	TRUE	reported	igd	20.64 3799 36

163 3	ebi-a-GC ST90027 821	9	8014 1674	0.111 4763 938	0.02 4763 1	6.17E -06	7738	rs703 0947	A	G	0.640 88	TRUE	reported	igd	20.43 3608 27
163 4	ebi-a-GC ST90027 821	10	1265 7876 8	0.127 7970 257	0.02 7970 3	5.37E -06	7738	rs709 9427	T	C	0.759 359	TRUE	reported	igd	20.69 9941 24
163 5	ebi-a-GC ST90027 821	13	8455 9899	-0.211 5314 05	0.04 5314 9	3.20E -06	7738	rs104 5086 2	C	A	0.077 8308	TRUE	reported	igd	21.69 1453 85
163 6	ebi-a-GC ST90027 821	13	5818 6232	0.248 3930 924	0.05 3930 8	3.92E -06	7738	rs116 9721 92	T	C	0.063 091	TRUE	reported	igd	21.30 3934 45
163 7	ebi-a-GC ST90027 821	17	7491 3863	0.157 5517 338	0.03 5517 2	9.43E -06	7738	rs241 1041	A	G	0.145 481	TRUE	reported	igd	19.62 4102 74
163 8	ebi-a-GC ST90027 821	19	5380 1863	0.115 5726 678	0.02 5726 9	6.91E -06	7738	rs129 7663 7	T	C	0.365 588	TRUE	reported	igd	20.21 7461 55
163 9	ebi-a-GC ST90027 821	20	2375 7164	0.117 4494 225	0.02 4494 6	1.70E -06	7738	rs604 9103	T	A	0.381 484	TRUE	reported	igd	22.90 3390 58
164 0	ebi-a-GC ST90027 821	21	4664 6005	0.107 4217 54	0.02 4217 3	8.97E -06	7738	rs283 8820	C	T	0.594 867	TRUE	reported	igd	19.71 9169 53
164	ebi-a-GC	1	1109	0.188	0.04	5.67E	7738	rs814	A	G	0.216	TRUE	reported	igd	20.59

1	ST90027 822		8065 9	016	1428 2	-06		760			443				6692 7
164 2	ebi-a-GC ST90027 822	2	3337 5948	-0.164 171	0.03 4639 9	2.14E -06	7738	rs116 7668 1	A	G	0.589 611	TRUE	reported	igd	22.46 1545 12
164 3	ebi-a-GC ST90027 822	3	7731 6688	-0.172 977	0.03 4430 5	5.06E -07	7738	rs147 0205	T	C	0.592 543	TRUE	reported	igd	25.24 0041 36
164 4	ebi-a-GC ST90027 822	3	1927 5264 5	0.258 555	0.05 8518 9	9.95E -06	7738	rs115 7623	A	G	0.089 3965	TRUE	reported	igd	19.52 1517 46
164 5	ebi-a-GC ST90027 822	5	1401 8643 8	-0.155 704	0.03 4524 6	6.48E -06	7738	rs375 6337	C	G	0.478 491	TRUE	reported	igd	20.33 9591 59
164 6	ebi-a-GC ST90027 822	5	1699 3291 0	-0.180 697	0.03 7598 9	1.54E -06	7738	rs486 7972	G	C	0.291 164	TRUE	reported	igd	23.09 6788 95
164 7	ebi-a-GC ST90027 822	12	1192 4700 4	0.267 509	0.05 9954 1	8.12E -06	7738	rs619 4413 6	G	A	0.098 0868	TRUE	reported	igd	19.90 8522 02
164 8	ebi-a-GC ST90027 822	18	7487 5950	-0.261 236	0.05 8053 7	6.80E -06	7738	rs166 7938	T	C	0.093 8965	TRUE	reported	igd	20.24 9124 1
164 9	ebi-a-GC ST90027	22	2140 3971	-0.346 27	0.07 7118	7.12E -06	7738	rs450 741	A	C	0.939 452	TRUE	reported	igd	20.16 1180

	822				2										85
165 0	ebi-a-GC ST90027 823	1	5460 2977	-0.203 872	0.04 5065 5	6.07E -06	7738	rs120 7884 5	C	A	0.239 746	TRUE	reported	igd	20.46 5708 26
165 1	ebi-a-GC ST90027 823	1	3659 1554	0.265 189	0.05 9111 6	7.25E -06	7738	rs274 124	G	A	0.885 33	TRUE	reported	igd	20.12 6375 99
165 2	ebi-a-GC ST90027 823	11	8087 7325	-0.408 239	0.08 4786 6	1.47E -06	7738	rs171 4163 5	A	G	0.051 2244	TRUE	reported	igd	23.18 3261 97
165 3	ebi-a-GC ST90027 823	14	9081 6301	-0.392 908	0.08 4355 9	3.20E -06	7738	rs116 6679 13	T	C	0.052 2771	TRUE	reported	igd	21.69 4558 51
165 4	ebi-a-GC ST90027 824	3	3149 5219	-0.090 9564	0.02 0495 3	9.08E -06	7738	rs117 0894 6	A	C	0.245 621	TRUE	reported	igd	19.69 5089 85
165 5	ebi-a-GC ST90027 824	4	1407 4715 3	0.081 9852	0.01 8401 1	8.37E -06	7738	rs795 988	C	T	0.347 452	TRUE	reported	igd	19.85 1043 91
165 6	ebi-a-GC ST90027 824	5	1777 0773 6	-0.157 902	0.03 1938 1	7.65E -07	7738	rs728 1906 3	A	G	0.078 3342	TRUE	reported	igd	24.44 3146 4
165 7	ebi-a-GC ST90027 824	5	1589 6883 4	-0.118 995	0.02 2714 4	1.62E -07	7738	rs931 3811	T	G	0.185 112	TRUE	reported	igd	27.44 4472 5

165 8	ebi-a-GC ST90027 824	8	1335 3426 5	0.094 0826	0.01 8166	2.23E -07	7738	rs272 1884	A	G	0.684 244	TRUE	reported	igd	26.82 2546 19
165 9	ebi-a-GC ST90027 824	8	1037 3196 2	0.124 893	0.02 7073 9	3.97E -06	7738	rs625 2333 1	G	A	0.140 8	TRUE	reported	igd	21.28 0143 61
166 0	ebi-a-GC ST90027 824	9	2179 6791	-0.081 408	0.01 7278 9	2.46E -06	7738	rs101 1969 3	A	G	0.436 269	TRUE	reported	igd	22.19 7393 87
166 1	ebi-a-GC ST90027 824	9	8376 899	0.098 199	0.02 2122 2	9.04E -06	7738	rs229 1958	C	T	0.227 777	TRUE	reported	igd	19.70 4140 78
166 2	ebi-a-GC ST90027 824	10	1125 3396 3	0.086 9271	0.01 948	8.11E -06	7738	rs658 5011	A	G	0.260 584	TRUE	reported	igd	19.91 2806 68
166 3	ebi-a-GC ST90027 824	11	4352 1662	0.149 524	0.03 1747 8	2.48E -06	7738	rs110 3745 3	C	T	0.076 6041	TRUE	reported	igd	22.18 1685 41
166 4	ebi-a-GC ST90027 824	13	7385 4666	-0.086 1361	0.01 9394 6	8.94E -06	7738	rs799 8315	A	G	0.260 547	TRUE	reported	igd	19.72 4624 96
166 5	ebi-a-GC ST90027 824	13	1034 3305 1	-0.086 536	0.01 9085 2	5.78E -06	7738	rs951 8837	T	C	0.289 397	TRUE	reported	igd	20.55 8915 55
166	ebi-a-GC	14	7044	0.108	0.02	1.39E	7738	rs227	T	C	0.186	TRUE	reported	igd	23.30

6	ST90027 824		7626	916	2563 7	-06		442			449				0365 46
166 7	ebi-a-GC ST90027 824	15	2427 8595	-0.077 2341	0.01 7347 9	8.50E -06	7738	rs387 171	A	G	0.579 698	TRUE	reported	igd	19.82 0945 17
166 8	ebi-a-GC ST90027 824	19	4925 7739	-0.096 9861	0.01 9652	8.01E -07	7738	rs838 134	C	A	0.291 407	TRUE	reported	igd	24.35 5972 82
166 9	ebi-a-GC ST90027 825	2	2065 9942 8	-0.122 318	0.02 7505 6	8.71E -06	7738	rs186 1386	T	C	0.585 772	TRUE	reported	igd	19.77 6001 98
167 0	ebi-a-GC ST90027 825	5	1543 6618 3	0.125 867	0.02 8318 9	8.80E -06	7738	rs286 623	A	G	0.653 692	TRUE	reported	igd	19.75 4725 63
167 1	ebi-a-GC ST90027 825	6	8728 8279	-0.252 648	0.05 4140 6	3.06E -06	7738	rs114 9707 11	T	G	0.068 4313	TRUE	reported	igd	21.77 6375 69
167 2	ebi-a-GC ST90027 825	7	1175 4881	-0.124 602	0.02 7466 1	5.72E -06	7738	rs133 1242 4	T	C	0.571 065	TRUE	reported	igd	20.58 0505 26
167 3	ebi-a-GC ST90027 825	7	6971 1317	-0.258 265	0.05 6319 2	4.52E -06	7738	rs779 1761	T	C	0.062 2544	TRUE	reported	igd	21.02 8977 44
167 4	ebi-a-GC ST90027	12	1210 8594	-0.234 803	0.04 8733	1.45E -06	7738	rs476 7925	G	A	0.085 0648	TRUE	reported	igd	23.21 4302

	825		9		3										6
167 5	ebi-a-GC ST90027 825	13	5467 8393	-0.132 267	0.02 8392 5	3.19E -06	7738	rs953 6634	T	A	0.350 627	TRUE	reported	igd	21.70 1799 04
167 6	ebi-a-GC ST90027 825	14	1046 3213 2	-0.153 012	0.03 3131 6	3.87E -06	7738	rs248 7307	A	G	0.615 524	TRUE	reported	igd	21.32 8787 37
167 7	ebi-a-GC ST90027 826	1	2091 2146 7	-0.188 93	0.04 1385 2	4.99E -06	7738	rs752 6994	C	G	0.288 414	TRUE	reported	igd	20.84 0672 67
167 8	ebi-a-GC ST90027 826	1	1523 7140	-0.297 238	0.06 3828 8	3.21E -06	7738	rs269 0011	T	C	0.904 905	TRUE	reported	igd	21.68 5792 68
167 9	ebi-a-GC ST90027 826	2	1731 9315 0	-0.354 071	0.07 7271 4	4.60E -06	7738	rs799 7550 3	C	A	0.062 9941	TRUE	reported	igd	20.99 6318 56
168 0	ebi-a-GC ST90027 826	3	3364 182	-0.244 486	0.05 3291 4	4.48E -06	7738	rs764 8378	A	G	0.152 132	TRUE	reported	igd	21.04 7171 08
168 1	ebi-a-GC ST90027 826	5	1733 8276 1	-0.426 245	0.07 9484 8	8.20E -08	7738	rs131 6837 9	A	G	0.060 8517	TRUE	reported	igd	28.75 7453 33
168 2	ebi-a-GC ST90027 826	6	1486 2730 9	-0.177 798	0.03 8364 1	3.58E -06	7738	rs939 9647	T	G	0.648 588	TRUE	reported	igd	21.47 8488 43

168 3	ebi-a-GC ST90027 826	7	1410 1823 9	0.195 345	0.03 6911	1.21E -07	7738	rs112 4157	A	G	0.427 38	TRUE	reported	igd	28.00 8701 59
168 4	ebi-a-GC ST90027 826	7	8905 5849	-0.219 736	0.04 2405 9	2.20E -07	7738	rs259 203	G	A	0.703 748	TRUE	reported	igd	26.85 0344 32
168 5	ebi-a-GC ST90027 826	7	6842 6852	0.223 141	0.05 0119 4	8.50E -06	7738	rs117 7230 1	T	G	0.155 48	TRUE	reported	igd	19.82 1979 54
168 6	ebi-a-GC ST90027 826	8	5676 9381	0.232 126	0.05 1659 7	7.01E -06	7738	rs625 1687 6	G	A	0.154 999	TRUE	reported	igd	20.19 0348 53
168 7	ebi-a-GC ST90027 826	12	2715 2666	-0.326 054	0.06 7604 3	1.41E -06	7738	rs731 4394	C	T	0.918 665	TRUE	reported	igd	23.26 1109 43
168 8	ebi-a-GC ST90027 826	12	1073 5098 8	-0.159 798	0.03 6106 8	9.61E -06	7738	rs111 1315 0	A	G	0.434 855	TRUE	reported	igd	19.58 6853 64
168 9	ebi-a-GC ST90027 826	12	1309 1573	0.290 597	0.06 3658 2	5.00E -06	7738	rs730 6871 0	A	G	0.091 5007	TRUE	reported	igd	20.83 8840 2
169 0	ebi-a-GC ST90027 826	16	1742 0514	0.169 229	0.03 6791 5	4.23E -06	7738	rs360 1729 1	C	A	0.442 014	TRUE	reported	igd	21.15 7024 42
169	ebi-a-GC	1	1160	-0.230	0.05	8.84E	7738	rs749	A	G	0.135	TRUE	reported	igd	19.74

1	ST90027 827		2161 0	223	1808 8	-06		0496 7			786				6510 08
169 2	ebi-a-GC ST90027 827	1	1120 6520 0	-0.188 65	0.03 8080 6	7.27E -07	7738	rs582 5522 9	A	G	0.262 19	TRUE	reported	igd	24.54 1779 74
169 3	ebi-a-GC ST90027 827	2	7666 4959	-0.340 57	0.07 5912 5	7.25E -06	7738	rs116 5569 66	G	T	0.055 7446	TRUE	reported	igd	20.12 7331 08
169 4	ebi-a-GC ST90027 827	2	5812 7907	0.154 812	0.03 4299 7	6.38E -06	7738	rs271 7057	T	C	0.368 137	TRUE	reported	igd	20.37 1762 27
169 5	ebi-a-GC ST90027 827	2	3802 7626	0.159 836	0.03 5958 8	8.79E -06	7738	rs143 0034	A	C	0.534 722	TRUE	reported	igd	19.75 7810 9
169 6	ebi-a-GC ST90027 827	4	1113 2531 0	0.284 244	0.06 3207 5	6.89E -06	7738	rs583 4687 2	G	T	0.094 4562	TRUE	reported	igd	20.22 2990 86
169 7	ebi-a-GC ST90027 827	6	2500 5968	0.266 76	0.05 9467 4	7.26E -06	7738	rs111 4267 64	C	T	0.085 2396	TRUE	reported	igd	20.12 2573 19
169 8	ebi-a-GC ST90027 827	7	1254 7356 1	-0.281 229	0.06 0709 7	3.62E -06	7738	rs102 1575 4	A	T	0.082 2323	TRUE	reported	igd	21.45 8730 8
169 9	ebi-a-GC ST90027	7	4698 8659	0.302 229	0.06 5404	3.82E -06	7738	rs117 7307	C	A	0.071 2546	TRUE	reported	igd	21.35 2972

	827				4			1							29
170 0	ebi-a-GC ST90027 827	8	6032 988	-0.362 916	0.07 6985 5	2.43E -06	7738	rs731 8864 6	T	C	0.050 1089	TRUE	reported	igd	22.22 2574 02
170 1	ebi-a-GC ST90027 827	9	3218 5642	-0.239 556	0.04 7453 4	4.46E -07	7738	rs109 7083 0	A	G	0.151 052	TRUE	reported	igd	25.48 4694 75
170 2	ebi-a-GC ST90027 827	10	6367 0859	-0.251 445	0.05 2196 2	1.46E -06	7738	rs239 3782	G	C	0.882 328	TRUE	reported	igd	23.20 6424 65
170 3	ebi-a-GC ST90027 827	12	4915 208	-0.156 201	0.03 2788 7	1.90E -06	7738	rs107 4466 2	A	G	0.575 063	TRUE	reported	igd	22.69 4427 08
170 4	ebi-a-GC ST90027 827	13	1019 7778 5	-0.172 436	0.03 3854 9	3.52E -07	7738	rs496 238	T	C	0.425 584	TRUE	reported	igd	25.94 2558 77
170 5	ebi-a-GC ST90027 827	14	9214 7845	0.305 615	0.06 8601 4	8.39E -06	7738	rs128 8991 2	T	C	0.070 2881	TRUE	reported	igd	19.84 6474 7
170 6	ebi-a-GC ST90027 827	19	6653 399	0.185 454	0.03 9493 3	2.66E -06	7738	rs586 6833 1	C	G	0.294 386	TRUE	reported	igd	22.05 0861 49
170 7	ebi-a-GC ST90027 827	20	3400 4767	-0.148 033	0.03 2851 5	6.60E -06	7738	rs622 1059 3	T	C	0.548 709	TRUE	reported	igd	20.30 5172

1708	ebi-a-GC ST90027 827	20	5250 1768	0.227 713	0.05 0323	6.04E -06	7738	rs480 9943	T	A	0.123 21	TRUE	reported	igd	20.47 5881 27
1709	ebi-a-GC ST90027 827	21	3480 1876	-0.219 17	0.04 8696 6	6.77E -06	7738	rs812 8362	C	T	0.858 133	TRUE	reported	igd	20.25 6524 59
1710	ebi-a-GC ST90027 828	1	2332 8743 2	0.120 344	0.02 6745	6.81E -06	7738	rs128 5852	T	A	0.626 225	TRUE	reported	igd	20.24 7139 75
1711	ebi-a-GC ST90027 828	1	1765 9352 4	-0.209 365	0.04 6587	6.99E -06	7738	rs125 6532 7	A	G	0.090 7588	TRUE	reported	igd	20.19 6619 04
1712	ebi-a-GC ST90027 828	3	1850 1409 8	0.143 936	0.03 2187	7.75E -06	7738	rs981 8008	C	A	0.801 254	TRUE	reported	igd	19.99 7599 15
1713	ebi-a-GC ST90027 828	3	2102 8234	0.184 344	0.04 1145 2	7.45E -06	7738	rs912	C	T	0.109 284	TRUE	reported	igd	20.07 3340 81
1714	ebi-a-GC ST90027 828	5	1079 7593 7	0.158 132	0.03 0284 9	1.77E -07	7738	rs558 3551 0	A	T	0.237 475	TRUE	reported	igd	27.26 3853 51
1715	ebi-a-GC ST90027 828	5	5350 9186	-0.161 285	0.03 5414 3	5.26E -06	7738	rs379 7248	A	G	0.147 756	TRUE	reported	igd	20.74 1044 97
171	ebi-a-GC	6	3776	-0.206	0.04	4.70E	7738	rs645	C	T	0.899	TRUE	reported	igd	20.95

6	ST90027 828		1715	994	5217 4	-06		8025			891				5804 61
171 7	ebi-a-GC ST90027 828	6	1318 0108 9	-0.227 896	0.04 9309 6	3.81E -06	7738	rs690 9908	G	T	0.075 9618	TRUE	reported	igd	21.36 0452 38
171 8	ebi-a-GC ST90027 828	7	6889 4018	-0.127 395	0.02 6617 8	1.70E -06	7738	rs117 7059 3	G	T	0.641 414	TRUE	reported	igd	22.90 6590 46
171 9	ebi-a-GC ST90027 828	8	1304 1095 2	-0.234 443	0.04 8663 3	1.45E -06	7738	rs770 6272 9	G	A	0.081 4636	TRUE	reported	igd	23.20 9801 57
172 0	ebi-a-GC ST90027 828	11	8237 1506	-0.150 624	0.03 0058 2	5.41E -07	7738	rs388 5195	T	C	0.236 902	TRUE	reported	igd	25.11 0907 81
172 1	ebi-a-GC ST90027 828	11	9477 4159	-0.152 159	0.03 4095 3	8.09E -06	7738	rs110 2102 1	A	G	0.191 734	TRUE	reported	igd	19.91 6189 9
172 2	ebi-a-GC ST90027 828	12	1098 7236	0.206 547	0.04 1357 2	5.91E -07	7738	rs340 5960 5	A	C	0.122 624	TRUE	reported	igd	24.94 2244 18
172 3	ebi-a-GC ST90027 828	12	1259 8636 0	0.195 673	0.04 2961 4	5.25E -06	7738	rs443 0574	A	G	0.099 3103	TRUE	reported	igd	20.74 4594 8
172 4	ebi-a-GC ST90027	13	1015 2569	0.119 468	0.02 6995	9.62E -06	7738	rs477 2337	G	A	0.640 448	TRUE	reported	igd	19.58 5438

	828		1		1										77
172 5	ebi-a-GC ST90027 828	14	7255 0927	-0.256 543	0.05 6362 6	5.32E -06	7738	rs490 2984	C	T	0.942 811	TRUE	reported	igd	20.71 7545 46
172 6	ebi-a-GC ST90027 828	14	3447 7937	-0.188 352	0.03 826	8.53E -07	7738	rs101 3799 6	C	T	0.129 28	TRUE	reported	igd	24.23 5419 46
172 7	ebi-a-GC ST90027 828	15	9290 7122	0.114 46	0.02 5608 1	7.83E -06	7738	rs129 0097 9	T	C	0.571 587	TRUE	reported	igd	19.97 8034 97
172 8	ebi-a-GC ST90027 829	11	1028 1817 1	-0.190 425	0.04 2155 4	6.27E -06	7738	rs178 6057 1	G	T	0.244 932	TRUE	reported	igd	20.40 5230 24
172 9	ebi-a-GC ST90027 829	13	1097 3003 6	-0.364 852	0.07 5361 5	1.29E -06	7738	rs726 5623 4	A	G	0.065 0805	TRUE	reported	igd	23.43 8747 17
173 0	ebi-a-GC ST90027 829	17	4312 1308	-0.209 751	0.04 7399 3	9.64E -06	7738	rs479 3180	T	C	0.185 396	TRUE	reported	igd	19.58 2323 65
173 1	ebi-a-GC ST90027 829	20	1377 5032	-0.178 894	0.03 8975 7	4.43E -06	7738	rs481 4260	T	A	0.382 312	TRUE	reported	igd	21.06 7048 84
173 2	ebi-a-GC ST90027 830	2	1260 3924 3	-0.119 565	0.02 4297 5	8.62E -07	7738	rs126 2156 3	G	A	0.498 942	TRUE	reported	igd	24.21 5026 84

173 3	ebi-a-GC ST90027 830	4	1243 8689 4	-0.173 678	0.03 8450 7	6.28E -06	7738	rs178 0724 3	T	C	0.139 747	TRUE	reported	igd	20.40 2393 4
173 4	ebi-a-GC ST90027 830	4	9646 4931	-0.140 127	0.03 1570 4	9.06E -06	7738	rs653 2564	C	G	0.787 015	TRUE	reported	igd	19.70 0782 64
173 5	ebi-a-GC ST90027 830	7	1810 05	0.110 844	0.02 4568 3	6.43E -06	7738	rs491 6966	G	C	0.479 264	TRUE	reported	igd	20.35 5143 4
173 6	ebi-a-GC ST90027 830	10	9538 42	0.177 126	0.03 9819 2	8.66E -06	7738	rs112 6911 79	T	C	0.111 026	TRUE	reported	igd	19.78 6982 49
173 7	ebi-a-GC ST90027 830	11	1344 9097 7	-0.237 213	0.05 2243 8	5.61E -06	7738	rs493 7922	A	G	0.058 0265	TRUE	reported	igd	20.61 6144 79
173 8	ebi-a-GC ST90027 830	12	1012 3132 0	-0.148 523	0.02 8725	2.33E -07	7738	rs619 4485 5	A	G	0.244 627	TRUE	reported	igd	26.73 4209 75
173 9	ebi-a-GC ST90027 830	17	3446 1538	0.140 255	0.03 1123 7	6.59E -06	7738	rs288 9386	A	T	0.430 245	TRUE	reported	igd	20.30 7397 23
174 0	ebi-a-GC ST90027 832	1	4850 3280	-0.084 0401	0.01 8326	4.52E -06	7738	rs303 925	T	C	0.375 612	TRUE	reported	igd	21.02 9926 58
174	ebi-a-GC	2	3384	-0.083	0.01	1.39E	7738	rs598	A	C	0.496	TRUE	reported	igd	23.29

1	ST90027 832		9581	0115	7200 3	-06		0929 3			053				1876 55
174 2	ebi-a-GC ST90027 832	2	5631 9707	-0.153 71	0.03 4634 1	9.07E -06	7738	rs190 9490 05	G	A	0.065 4208	TRUE	reported	igd	19.69 6834 33
174 3	ebi-a-GC ST90027 832	3	1272 1196 3	0.146 038	0.02 9231 2	5.85E -07	7738	rs112 0570 53	C	G	0.102 593	TRUE	reported	igd	24.95 9648 47
174 4	ebi-a-GC ST90027 832	4	1265 5085 2	-0.184 455	0.03 7257 4	7.39E -07	7738	rs726 7778 8	A	G	0.058 7673	TRUE	reported	igd	24.51 0703 43
174 5	ebi-a-GC ST90027 832	4	3828 7192	-0.090 6092	0.01 9019 2	1.90E -06	7738	rs968 4138	T	C	0.525 204	TRUE	reported	igd	22.69 6563 28
174 6	ebi-a-GC ST90027 832	4	5750 5068	0.085 6274	0.01 9058 4	7.03E -06	7738	rs732 4057 2	C	T	0.449 863	TRUE	reported	igd	20.18 6110 16
174 7	ebi-a-GC ST90027 832	5	3162 3146	0.100 289	0.02 1712 6	3.86E -06	7738	rs486 7356	C	T	0.200 103	TRUE	reported	igd	21.33 4523 06
174 8	ebi-a-GC ST90027 832	8	1428 6227 8	0.099 3576	0.01 9569 2	3.83E -07	7738	rs676 5962 2	A	G	0.362 459	TRUE	reported	igd	25.77 8404 93
174 9	ebi-a-GC ST90027	9	9437 9045	-0.082 971	0.01 8146	4.82E -06	7738	rs102 1440	G	A	0.345 975	TRUE	reported	igd	20.90 6266

	832				3										19
175 0	ebi-a-GC ST90027 832	9	1048 3010 5	-0.165 93	0.03 7064 8	7.58E -06	7738	rs108 2004 5	A	C	0.055 4877	TRUE	reported	igd	20.04 1328 39
175 1	ebi-a-GC ST90027 832	11	1124 2612 1	-0.127 782	0.02 7741 8	4.10E -06	7738	rs756 4231 8	G	A	0.118 722	TRUE	reported	igd	21.21 6321 59
175 2	ebi-a-GC ST90027 832	17	7630 301	0.096 4362	0.01 9195 2	5.06E -07	7738	rs264 2158	G	C	0.332 037	TRUE	reported	igd	25.24 0322 23
175 3	ebi-a-GC ST90027 832	18	5850 906	-0.123 755	0.02 6453 9	2.90E -06	7738	rs118 7351 0	C	T	0.141 555	TRUE	reported	igd	21.88 4976 97
175 4	ebi-a-GC ST90027 832	18	2278 5354	-0.087 747	0.01 7242 4	3.60E -07	7738	rs930 4475	T	C	0.449 26	TRUE	reported	igd	25.89 8172 7
175 5	ebi-a-GC ST90027 833	5	1549 9690 9	0.367 179	0.07 6710 4	1.70E -06	7738	rs243 2926	A	G	0.051 061	TRUE	reported	igd	22.91 1165 09
175 6	ebi-a-GC ST90027 833	10	1579 8477	-0.208 945	0.04 5811 5	5.09E -06	7738	rs707 0312	G	T	0.164 993	TRUE	reported	igd	20.80 2471 8
175 7	ebi-a-GC ST90027 833	12	1086 9977 4	-0.293 991	0.06 0882 8	1.37E -06	7738	rs125 7885 2	T	C	0.088 6438	TRUE	reported	igd	23.31 7330 91

175 8	ebi-a-GC ST90027 833	14	3806 5813	0.169 767	0.03 4757 3	1.04E -06	7738	rs101 4537 9	G	T	0.585 952	TRUE	reported	igd	23.85 6926
175 9	ebi-a-GC ST90027 833	16	7863 5193	-0.202 383	0.04 4949 5	6.72E -06	7738	rs182 8518	T	C	0.821 48	TRUE	reported	igd	20.27 2080 79
176 0	ebi-a-GC ST90027 833	19	3128 0754	-0.174 622	0.03 9465 2	9.66E -06	7738	rs343 7550 1	C	T	0.237 815	TRUE	reported	igd	19.57 8043 99
176 1	ebi-a-GC ST90027 833	22	4388 1816	-0.255 65	0.05 7027 2	7.36E -06	7738	rs286 8133 8	A	G	0.100 041	TRUE	reported	igd	20.09 6827 14
176 2	ebi-a-GC ST90027 834	1	5569 1384	0.333 6	0.07 2423	4.10E -06	7738	rs171 1172 8	C	T	0.071 1268	TRUE	reported	igd	21.21 7737 02
176 3	ebi-a-GC ST90027 834	3	1163 5219 6	0.379 903	0.08 5469 2	8.79E -06	7738	rs761 9432 7	A	T	0.064 2392	TRUE	reported	igd	19.75 7235 12
176 4	ebi-a-GC ST90027 834	4	7152 0630	0.266 974	0.05 3860 1	7.17E -07	7738	rs168 4529 9	T	C	0.262 023	TRUE	reported	igd	24.56 9913 42
176 5	ebi-a-GC ST90027 834	5	1537 9704 9	0.241 028	0.04 9579 2	1.17E -06	7738	rs377 6996	A	G	0.171 479	TRUE	reported	igd	23.63 3931 07
176	ebi-a-GC	6	4456	-0.177	0.03	4.20E	7738	rs126	G	A	0.503	TRUE	reported	igd	21.16

6	ST90027 834		400	503	8578 9	-06		5300			447				9554 28
176 7	ebi-a-GC ST90027 834	6	3221 1085	-0.175 941	0.03 8833 3	5.88E -06	7738	rs412 657	G	T	0.404 577	TRUE	reported	igd	20.52 7001 61
176 8	ebi-a-GC ST90027 834	7	3676 9290	0.177 922	0.03 9973 8	8.55E -06	7738	rs125 3470 2	T	C	0.344 151	TRUE	reported	igd	19.81 1092 83
176 9	ebi-a-GC ST90027 834	10	1207 6949 8	0.403 55	0.08 8290 2	4.86E -06	7738	rs117 6620 76	A	G	0.055 1947	TRUE	reported	igd	20.89 1503 79
177 0	ebi-a-GC ST90027 834	12	1161 8628 2	0.264 683	0.05 8640 7	6.37E -06	7738	rs780 878	C	G	0.150 667	TRUE	reported	igd	20.37 2944 64
177 1	ebi-a-GC ST90027 834	14	2143 1376	-0.192 312	0.04 2047 9	4.79E -06	7738	rs128 9643 0	A	G	0.687 717	TRUE	reported	igd	20.91 8192 13
177 2	ebi-a-GC ST90027 834	18	5120 6632	-0.190 905	0.04 2414	6.76E -06	7738	rs996 0494	C	G	0.337 762	TRUE	reported	igd	20.25 8913 13
177 3	ebi-a-GC ST90027 835	2	5609 0113	0.091 9616	0.02 0099 7	4.76E -06	7738	rs111 2560 7	A	T	0.570 126	TRUE	reported	igd	20.93 3116 32
177 4	ebi-a-GC ST90027	3	1951 9043	-0.096 6639	0.02 1729	8.64E -06	7738	rs980 9140	G	A	0.693 402	TRUE	reported	igd	19.78 9970

	835				1										61
177 5	ebi-a-GC ST90027 835	4	7380 7786	-0.127 232	0.02 8208 7	6.47E -06	7738	rs786 7773 6	C	T	0.151 993	TRUE	reported	igd	20.34 3541 72
177 6	ebi-a-GC ST90027 835	5	1805 4158 9	-0.099 745	0.01 9963	5.84E -07	7738	rs154 9206	A	G	0.536 254	TRUE	reported	igd	24.96 4947 43
177 7	ebi-a-GC ST90027 835	5	1798 6045 1	0.119 733	0.02 5343 7	2.31E -06	7738	rs738 1227 1	T	C	0.195 388	TRUE	reported	igd	22.31 9665 94
177 8	ebi-a-GC ST90027 835	6	1532 6314 9	0.091 6145	0.02 0694 2	9.55E -06	7738	rs121 1052 2	T	A	0.363 316	TRUE	reported	igd	19.59 8875 2
177 9	ebi-a-GC ST90027 835	8	1608 7631	-0.098 4235	0.02 1886 1	6.89E -06	7738	rs101 0110 9	T	C	0.690 771	TRUE	reported	igd	20.22 3711 02
178 0	ebi-a-GC ST90027 835	9	1309 7752 0	-0.100 342	0.02 1007 6	1.78E -06	7738	rs300 3597	G	C	0.643 596	TRUE	reported	igd	22.81 4587 82
178 1	ebi-a-GC ST90027 836	2	4585 5171	-0.090 9832	0.01 9731 5	4.01E -06	7738	rs440 5810	T	C	0.704 113	TRUE	reported	igd	21.26 1906 86
178 2	ebi-a-GC ST90027 836	4	1637 6067 1	-0.178 567	0.03 6001 5	7.05E -07	7738	rs777 6128 8	A	G	0.069 3629	TRUE	reported	igd	24.60 1478 76

178 3	ebi-a-GC ST90027 836	6	1075 7379 0	0.153 39	0.03 2607 9	2.55E -06	7738	rs745 0016 2	C	T	0.091 1572	TRUE	reported	igd	22.12 8319 53
178 4	ebi-a-GC ST90027 836	6	2170 62	0.190 637	0.03 9163 6	1.13E -06	7738	rs728 3350 1	T	C	0.057 9915	TRUE	reported	igd	23.69 4588 87
178 5	ebi-a-GC ST90027 836	7	3981 6277	-0.117 849	0.02 4905 8	2.23E -06	7738	rs181 1207	G	A	0.829 355	TRUE	reported	igd	22.38 9830 76
178 6	ebi-a-GC ST90027 836	14	8357 7146	-0.093 6504	0.02 0860 2	7.14E -06	7738	rs101 4417 4	A	T	0.730 158	TRUE	reported	igd	20.15 4978 42
178 7	ebi-a-GC ST90027 836	17	1000 7092	-0.095 204	0.02 0838 9	4.91E -06	7738	rs129 3889 2	G	A	0.368 77	TRUE	reported	igd	20.87 1843 52
178 8	ebi-a-GC ST90027 836	20	5962 9320	0.107 775	0.02 1175	3.59E -07	7738	rs621 9911 3	T	A	0.251 897	TRUE	reported	igd	25.90 5335 73
178 9	ebi-a-GC ST90027 837	1	2444 7137 1	0.079 4256	0.01 7913 2	9.25E -06	7738	rs669 4880	G	C	0.350 399	TRUE	reported	igd	19.65 9599 17
179 0	ebi-a-GC ST90027 837	6	4137 8487	-0.117 475	0.02 5184 6	3.09E -06	7738	rs122 0968 9	T	C	0.125 234	TRUE	reported	igd	21.75 8091 18
179	ebi-a-GC	8	1376	0.156	0.03	4.61E	7738	rs140	G	C	0.068	TRUE	reported	igd	20.99

1	ST90027 837		9922 0	692	4199 1	-06		6753 00			631				2506 37
179 2	ebi-a-GC ST90027 837	8	5820 4133	-0.144 601	0.03 2713 3	9.86E -06	7738	rs787 8659 9	T	C	0.070 6422	TRUE	reported	igd	19.53 8619 7
179 3	ebi-a-GC ST90027 837	11	4830 320	0.079 8486	0.01 7452 2	4.76E -06	7738	rs186 5283	G	A	0.657 94	TRUE	reported	igd	20.93 3133 8
179 4	ebi-a-GC ST90027 837	11	4618 8386	0.112 95	0.02 5567 9	9.98E -06	7738	rs140 9148 01	A	G	0.116 664	TRUE	reported	igd	19.51 5619 97
179 5	ebi-a-GC ST90027 837	12	3953 8134	-0.106 241	0.02 3368 9	5.46E -06	7738	rs111 7085 9	C	T	0.141 612	TRUE	reported	igd	20.66 8442 9
179 6	ebi-a-GC ST90027 837	13	8817 4396	0.081 1147	0.01 7784 3	5.09E -06	7738	rs619 6072 1	T	G	0.330 124	TRUE	reported	igd	20.80 2981 41
179 7	ebi-a-GC ST90027 838	2	5727 6048	0.088 6546	0.01 8987 2	3.02E -06	7738	rs562 8290 4	G	A	0.257 7	TRUE	reported	igd	21.80 1215 07
179 8	ebi-a-GC ST90027 838	2	1524 0601	-0.160 154	0.03 6148	9.40E -06	7738	rs673 2796	T	A	0.056 0728	TRUE	reported	igd	19.62 9400 36
179 9	ebi-a-GC ST90027	3	6951 6937	0.087 1456	0.01 8941	4.21E -06	7738	rs149 8839	T	C	0.258 826	TRUE	reported	igd	21.16 7363

	838				4										98
180 0	ebi-a-GC ST90027 838	6	1680 7562	0.094 8871	0.02 1376 3	9.04E -06	7738	rs131 9366 2	G	A	0.222 041	TRUE	reported	igd	19.70 3767 56
180 1	ebi-a-GC ST90027 838	8	1327 6574 1	0.105 021	0.02 3763 7	9.90E -06	7738	rs151 4626	T	C	0.139 236	TRUE	reported	igd	19.53 0986 35
180 2	ebi-a-GC ST90027 838	15	7366 9313	0.149 921	0.03 2200 5	3.23E -06	7738	rs142 2224 85	A	G	0.072 205	TRUE	reported	igd	21.67 7026 58
180 3	ebi-a-GC ST90027 838	16	1158 17	0.081 255	0.01 7031 6	1.83E -06	7738	rs116 4626 6	T	C	0.428 434	TRUE	reported	igd	22.76 0892 71
180 4	ebi-a-GC ST90027 838	20	1693 4650	-0.073 067	0.01 654	9.98E -06	7738	rs604 4532	C	T	0.463 138	TRUE	reported	igd	19.51 5134 21
180 5	ebi-a-GC ST90027 839	2	1930 1571 1	0.096 7949	0.02 0058 7	1.40E -06	7738	rs113 7722	C	T	0.444 609	TRUE	reported	igd	23.28 6240 84
180 6	ebi-a-GC ST90027 839	2	3338 0436	-0.086 9066	0.01 9514	8.45E -06	7738	rs175 6587 7	G	C	0.497 783	TRUE	reported	igd	19.83 4119 15
180 7	ebi-a-GC ST90027 839	5	5489 1954	0.095 1037	0.02 1017 4	6.04E -06	7738	rs738 0390	C	T	0.657 837	TRUE	reported	igd	20.47 5609 93

180 8	ebi-a-GC ST90027 839	5	9694 1137	0.182 82	0.04 1078 3	8.57E -06	7738	rs486 9373	C	G	0.061 7532	TRUE	reported	igd	19.80 7172 54
180 9	ebi-a-GC ST90027 839	5	1008 0993 6	-0.112 837	0.02 5036 6	6.58E -06	7738	rs463 212	C	T	0.184 172	TRUE	reported	igd	20.31 1984 68
181 0	ebi-a-GC ST90027 839	6	1681 5093 6	0.152 257	0.02 8475 1	8.94E -08	7738	rs111 4522 33	A	G	0.135 805	TRUE	reported	igd	28.59 0649 47
181 1	ebi-a-GC ST90027 839	8	1311 9668 3	-0.100 809	0.02 2219 3	5.71E -06	7738	rs473 3774	C	A	0.244 434	TRUE	reported	igd	20.58 4383 66
181 2	ebi-a-GC ST90027 839	11	1048 9428	0.205 696	0.04 5774 1	7.00E -06	7738	rs115 2266 5	T	G	0.050 1866	TRUE	reported	igd	20.19 3521 67
181 3	ebi-a-GC ST90027 839	11	1078 9431 2	-0.119 958	0.02 6099 5	4.30E -06	7738	rs124 1678 8	G	A	0.163 508	TRUE	reported	igd	21.12 4870 62
181 4	ebi-a-GC ST90027 839	12	8501 8579	-0.089 3192	0.01 9549 7	4.90E -06	7738	rs108 6290 4	G	A	0.474 561	TRUE	reported	igd	20.87 4181 46
181 5	ebi-a-GC ST90027 839	16	2067 6354	0.186 202	0.04 0302	3.83E -06	7738	rs124 4359 3	A	C	0.060 8208	TRUE	reported	igd	21.34 5949 89
181	ebi-a-GC	16	5406	0.094	0.02	9.58E	7738	rs230	A	G	0.296	TRUE	reported	igd	19.59

6	ST90027 839		0498	5071	1350 8	-06		2675			811				2983 32
181 7	ebi-a-GC ST90027 839	16	5664 5219	-0.201 166	0.04 2456 1	2.16E -06	7738	rs345 5851 9	G	A	0.056 2161	TRUE	reported	igd	22.45 0652 4
181 8	ebi-a-GC ST90027 839	19	5714 7233	0.194 145	0.04 0020 9	1.23E -06	7738	rs117 6755 25	T	G	0.082 9501	TRUE	reported	igd	23.53 3077 15
181 9	ebi-a-GC ST90027 840	3	1189 1121 5	-0.105 631	0.01 9845 5	1.02E -07	7738	rs361 2220 1	C	T	0.339 153	TRUE	reported	igd	28.33 0790 46
182 0	ebi-a-GC ST90027 840	3	6216 0681	0.150 135	0.03 3417 5	7.03E -06	7738	rs170 6623 9	G	A	0.084 0193	TRUE	reported	igd	20.18 4406 46
182 1	ebi-a-GC ST90027 840	6	1396 7308 9	-0.087 4929	0.01 9652 8	8.51E -06	7738	rs657 0332	T	C	0.671 814	TRUE	reported	igd	19.81 9685 3
182 2	ebi-a-GC ST90027 840	7	1089 3200 1	-0.093 3565	0.01 9343	1.39E -06	7738	rs779 3841	A	G	0.612 525	TRUE	reported	igd	23.29 3859 9
182 3	ebi-a-GC ST90027 840	8	5768 0098	-0.092 1239	0.02 0021 3	4.20E -06	7738	rs288 0272 5	C	T	0.296 617	TRUE	reported	igd	21.17 1912 19
182 4	ebi-a-GC ST90027	9	1800 5232	-0.185 004	0.03 7082	6.07E -07	7738	rs177 7325	C	T	0.081 7904	TRUE	reported	igd	24.88 9961

	840				5			0							57
182 5	ebi-a-GC ST90027 840	11	3200 8642	0.161 728	0.02 9697 6	5.16E -08	7738	rs100 5544	G	C	0.113 4	TRUE	reported	igd	29.65 7034 68
182 6	ebi-a-GC ST90027 840	12	9515 3387	-0.179 485	0.03 7716 7	1.95E -06	7738	rs476 1660	T	G	0.934 154	TRUE	reported	igd	22.64 5866 56
182 7	ebi-a-GC ST90027 840	12	1334 8246	-0.096 6547	0.02 1781 5	9.10E -06	7738	rs125 8130 2	G	T	0.251 799	TRUE	reported	igd	19.69 1118 49
182 8	ebi-a-GC ST90027 840	14	9086 1352	0.194 271	0.04 2267 2	4.30E -06	7738	rs183 9178 49	G	C	0.052 8159	TRUE	reported	igd	21.12 5597 14
182 9	ebi-a-GC ST90027 840	15	6875 8506	-0.148 901	0.03 1962 5	3.18E -06	7738	rs110 7203 1	T	C	0.098 7861	TRUE	reported	igd	21.70 2698 98
183 0	ebi-a-GC ST90027 840	16	8437 4241	0.093 3017	0.01 9583 8	1.90E -06	7738	rs444 5887	T	C	0.582 047	TRUE	reported	igd	22.69 7874 13
183 1	ebi-a-GC ST90027 840	19	5840 619	-0.100 234	0.02 0876	1.58E -06	7738	rs708 686	T	C	0.279 232	TRUE	reported	igd	23.05 3429 82
183 2	ebi-a-GC ST90027 841	1	8571 0312	-0.113 617	0.02 4349 8	3.07E -06	7738	rs111 6156 2	G	C	0.260 616	TRUE	reported	igd	21.77 1875 32

183 3	ebi-a-GC ST90027 841	4	2405 4917	0.103 254	0.02 2821 4	6.06E -06	7738	rs131 0915 0	T	C	0.671 206	TRUE	reported	igd	20.47 0535 5
183 4	ebi-a-GC ST90027 841	5	1735 3487 7	0.124 402	0.02 6835 1	3.56E -06	7738	rs445 7100	G	A	0.230 483	TRUE	reported	igd	21.49 0587 54
183 5	ebi-a-GC ST90027 841	8	1389 3394 0	-0.161 229	0.03 3415 8	1.40E -06	7738	rs176 9654 4	G	A	0.142 327	TRUE	reported	igd	23.27 9979 57
183 6	ebi-a-GC ST90027 841	8	8426 2265	-0.189 805	0.04 1190 6	4.07E -06	7738	rs612 1351 9	T	A	0.072 1578	TRUE	reported	igd	21.23 3376 54
183 7	ebi-a-GC ST90027 841	9	1041 2466 4	0.124 754	0.02 7778 7	7.09E -06	7738	rs222 9594	T	C	0.814 794	TRUE	reported	igd	20.16 9035 18
183 8	ebi-a-GC ST90027 841	11	1874 3180	-0.112 605	0.02 2027 2	3.19E -07	7738	rs108 3297 5	G	C	0.414 205	TRUE	reported	igd	26.13 3450 78
183 9	ebi-a-GC ST90027 841	20	1601 9700	-0.100 685	0.02 1905 3	4.30E -06	7738	rs775 133	G	C	0.481 109	TRUE	reported	igd	21.12 6674 35
184 0	ebi-a-GC ST90027 842	1	5205 3017	0.433 734	0.08 7661 9	7.51E -07	7738	rs111 5441 41	T	A	0.050 0989	TRUE	reported	igd	24.48 0775 77
184	ebi-a-GC	3	7396	-0.184	0.04	8.84E	7738	rs177	T	C	0.330	TRUE	reported	igd	19.74

1	ST90027 842		5973	618	1545	-06		0967 3			523				7428 82
184 2	ebi-a-GC ST90027 842	3	2007 0515	0.410 1	0.08 9318	4.40E -06	7738	rs114 8041 17	T	A	0.056 3533	TRUE	reported	igd	21.08 1502 44
184 3	ebi-a-GC ST90027 842	6	1666 7559 1	-0.204 583	0.04 1845	1.01E -06	7738	rs945 9627	T	C	0.300 04	TRUE	reported	igd	23.90 2974 12
184 4	ebi-a-GC ST90027 842	7	2038 0184	0.307 966	0.06 4442 1	1.76E -06	7738	rs380 7927	T	A	0.091 5143	TRUE	reported	igd	22.83 8426 32
184 5	ebi-a-GC ST90027 842	8	1677 1538	0.383 456	0.08 6780 7	9.93E -06	7738	rs138 9373	T	G	0.947 534	TRUE	reported	igd	19.52 4718 33
184 6	ebi-a-GC ST90027 842	12	5294 392	0.290 928	0.06 3810 7	5.13E -06	7738	rs563 4764 7	C	T	0.109 573	TRUE	reported	igd	20.78 6627 1
184 7	ebi-a-GC ST90027 842	14	9068 5594	0.182 887	0.03 7734 1	1.26E -06	7738	rs490 0028	T	C	0.574 911	TRUE	reported	igd	23.49 0793 11
184 8	ebi-a-GC ST90027 842	14	4846 5864	-0.228 239	0.04 9995 7	4.99E -06	7738	rs176 9219 1	A	G	0.173 528	TRUE	reported	igd	20.84 0800 91
184 9	ebi-a-GC ST90027	18	1244 8430	0.187 868	0.04 1803	6.99E -06	7738	rs393 5	A	C	0.725 49	TRUE	reported	igd	20.19 6406

	842				8										41
185 0	ebi-a-GC ST90027 842	22	1964 1083	0.258 895	0.05 0674 8	3.24E -07	7738	rs130 5504 9	C	T	0.168 52	TRUE	reported	igd	26.10 1366 18
185 1	ebi-a-GC ST90027 843	2	2175 5873 5	0.114 616	0.02 4839 1	3.94E -06	7738	rs377 0472	C	T	0.255 707	TRUE	reported	igd	21.29 2114 06
185 2	ebi-a-GC ST90027 843	3	4109 9059	-0.098 5103	0.02 2244	9.48E -06	7738	rs417 265	G	A	0.686 181	TRUE	reported	igd	19.61 2705 65
185 3	ebi-a-GC ST90027 843	8	2737 997	0.179 42	0.03 8842 1	3.85E -06	7738	rs341 677	T	C	0.077 581	TRUE	reported	igd	21.33 7144 61
185 4	ebi-a-GC ST90027 843	8	1373 5405 2	0.115 277	0.02 5964 6	9.01E -06	7738	rs101 0780 6	T	G	0.196 455	TRUE	reported	igd	19.71 1608 22
185 5	ebi-a-GC ST90027 843	9	2879 4806	-0.170 687	0.03 7230 4	4.55E -06	7738	rs341 6908 1	C	T	0.086 1256	TRUE	reported	igd	21.01 8682 31
185 6	ebi-a-GC ST90027 843	10	1903 04	-0.222 586	0.04 7478	2.76E -06	7738	rs346 7954 4	A	G	0.052 9688	TRUE	reported	igd	21.97 9148 22
185 7	ebi-a-GC ST90027 843	18	4803 8231	-0.193 797	0.04 3475	8.29E -06	7738	rs295 8003	C	T	0.062 6027	TRUE	reported	igd	19.87 0780 15

185 8	ebi-a-GC ST90027 844	1	8161 0300	-0.130 217	0.02 7445 3	2.09E -06	7738	rs171 0604 4	T	C	0.139 117	TRUE	reported	igd	22.51 1239 4
185 9	ebi-a-GC ST90027 844	2	2412 3658 8	0.106 704	0.02 2471 8	2.05E -06	7738	rs118 8924 3	G	A	0.263 771	TRUE	reported	igd	22.54 6839 75
186 0	ebi-a-GC ST90027 844	3	1507 3761 9	-0.103 149	0.01 9956 3	2.36E -07	7738	rs677 2892	G	T	0.400 63	TRUE	reported	igd	26.71 5911 49
186 1	ebi-a-GC ST90027 844	3	5418 8188	-0.110 194	0.02 4292 3	5.73E -06	7738	rs679 6475	C	T	0.180 737	TRUE	reported	igd	20.57 6837 34
186 2	ebi-a-GC ST90027 844	9	1065 8073	0.134 679	0.02 8773 6	2.86E -06	7738	rs116 9281 70	C	T	0.131 85	TRUE	reported	igd	21.90 8435 35
186 3	ebi-a-GC ST90027 844	9	1291 2563 6	0.092 7893	0.01 9888 8	3.08E -06	7738	rs109 8725 6	A	G	0.337 754	TRUE	reported	igd	21.76 6000 55
186 4	ebi-a-GC ST90027 844	13	1030 6326 0	0.100 709	0.02 0925 5	1.49E -06	7738	rs128 7233 6	T	C	0.313 611	TRUE	reported	igd	23.16 2470 51
186 5	ebi-a-GC ST90027 844	13	8850 8812	0.097 5005	0.02 1078 9	3.74E -06	7738	rs125 8497 3	G	C	0.348 87	TRUE	reported	igd	21.39 5271 34
186	ebi-a-GC	16	6018	0.152	0.03	1.24E	7738	rs171	T	C	0.153	TRUE	reported	igd	23.51

6	ST90027 844		669	098	1364 7	-06		3899 3			671				6069 28
186 7	ebi-a-GC ST90027 845	1	1891 1722	-0.495 18	0.10 768	4.25E -06	7738	rs148 1771 09	T	C	0.050 7931	TRUE	reported	igd	21.14 7357 02
186 8	ebi-a-GC ST90027 845	2	2082 2950 1	-0.209 102	0.04 5939 6	5.32E -06	7738	rs123 2931 5	T	C	0.357 606	TRUE	reported	igd	20.71 7719 78
186 9	ebi-a-GC ST90027 845	7	8322 6255	-0.406 416	0.08 6025 3	2.31E -06	7738	rs380 1563	T	C	0.069 8842	TRUE	reported	igd	22.31 9743 67
187 0	ebi-a-GC ST90027 845	8	8960 6888	0.281 134	0.05 9781 3	2.57E -06	7738	rs355 2995 2	T	C	0.161 249	TRUE	reported	igd	22.11 5462 89
187 1	ebi-a-GC ST90027 846	7	1298 7627 1	-0.124 987	0.02 6362 5	2.13E -06	7738	rs731 4673 8	A	G	0.253 399	TRUE	reported	igd	22.47 7939 74
187 2	ebi-a-GC ST90027 846	15	1016 5680 3	0.120 767	0.02 4871 1	1.20E -06	7738	rs116 3150 7	T	A	0.442 626	TRUE	reported	igd	23.57 7978 57
187 3	ebi-a-GC ST90027 847	2	2299 5339 1	0.084 4804	0.01 8835 8	7.29E -06	7738	rs174 7592 6	C	T	0.490 128	TRUE	reported	igd	20.11 6099 83
187 4	ebi-a-GC ST90027	2	1770 8632	-0.085 1147	0.01 8919	6.84E -06	7738	rs672 9788	G	T	0.488 046	TRUE	reported	igd	20.23 8180

	847		6		9										84
187 5	ebi-a-GC ST90027 847	4	1453 4809 8	0.090 7734	0.02 0029 5	5.84E -06	7738	rs124 9953 7	T	G	0.311 702	TRUE	reported	igd	20.53 8890 96
187 6	ebi-a-GC ST90027 847	4	2803 1535	0.192 771	0.04 1025 2	2.62E -06	7738	rs131 0615 9	T	G	0.059 1382	TRUE	reported	igd	22.07 9131 53
187 7	ebi-a-GC ST90027 847	5	2136 5427	0.149 319	0.03 1594 7	2.29E -06	7738	rs929 2972	G	C	0.101 138	TRUE	reported	igd	22.33 5808 3
187 8	ebi-a-GC ST90027 847	5	2685 812	-0.092 281	0.02 0294 5	5.44E -06	7738	rs293 5621	T	C	0.321 208	TRUE	reported	igd	20.67 6064 21
187 9	ebi-a-GC ST90027 847	6	1429 5178	-0.085 4129	0.01 8985 5	6.83E -06	7738	rs117 5941 1	T	C	0.584 904	TRUE	reported	igd	20.23 9643 42
188 0	ebi-a-GC ST90027 847	7	3883 4068	-0.093 2584	0.01 8503 3	4.65E -07	7738	rs695 7565	T	C	0.489 232	TRUE	reported	igd	25.40 2563 16
188 1	ebi-a-GC ST90027 847	11	7064 2820	-0.093 9228	0.02 0876 3	6.83E -06	7738	rs156 2194	G	T	0.281 737	TRUE	reported	igd	20.24 1141 64
188 2	ebi-a-GC ST90027 847	11	2462 8879	-0.090 7211	0.01 9804 3	4.63E -06	7738	rs110 2806 1	C	T	0.683 668	TRUE	reported	igd	20.98 4451 5

188 3	ebi-a-GC ST90027 847	15	9703 2068	0.086 4317	0.01 9498 6	9.31E -06	7738	rs803 2562	T	C	0.371 076	TRUE	reported	igd	19.64 8945 59
188 4	ebi-a-GC ST90027 848	3	1797 3675 3	0.206 224	0.04 1505 4	6.74E -07	7738	rs738 8346 9	T	A	0.150 288	TRUE	reported	igd	24.68 7050 5
188 5	ebi-a-GC ST90027 848	3	1090 5675 1	-0.290 113	0.06 3004 6	4.13E -06	7738	rs116 3447	A	C	0.058 5783	TRUE	reported	igd	21.20 2636 25
188 6	ebi-a-GC ST90027 848	4	1105 2448 4	0.218 002	0.04 2733 4	3.37E -07	7738	rs112 5417 20	T	C	0.143 656	TRUE	reported	igd	26.02 4719 66
188 7	ebi-a-GC ST90027 848	6	1641 8215 1	-0.237 483	0.05 1139 7	3.42E -06	7738	rs132 0313 8	C	A	0.129 907	TRUE	reported	igd	21.56 4962 19
188 8	ebi-a-GC ST90027 848	6	4343 2565	0.299 015	0.06 4805 7	3.95E -06	7738	rs113 9020 57	A	G	0.056 7913	TRUE	reported	igd	21.28 9209 62
188 9	ebi-a-GC ST90027 848	8	9679 2749	0.287 782	0.06 4943 7	9.37E -06	7738	rs310 7045	G	A	0.938 021	TRUE	reported	igd	19.63 6007 86
189 0	ebi-a-GC ST90027 848	10	1122 2747 3	0.144 671	0.03 1361 1	3.97E -06	7738	rs115 9275 1	T	C	0.331 134	TRUE	reported	igd	21.28 0429 66
189	ebi-a-GC	13	2703	0.150	0.03	2.60E	7738	rs463	T	C	0.675	TRUE	reported	igd	22.08

1	ST90027 848		8815	745	2075 1	-06		3561			735				7664 36
189 2	ebi-a-GC ST90027 848	14	2251 4273	0.159 772	0.03 4655	4.02E -06	7738	rs101 4103 7	C	G	0.244 527	TRUE	reported	igd	21.25 5412 46
189 3	ebi-a-GC ST90027 848	16	7406 2244	0.141 282	0.03 1358 8	6.63E -06	7738	rs656 4810	A	C	0.422 613	TRUE	reported	igd	20.29 8072 43
189 4	ebi-a-GC ST90027 848	21	3315 7887	0.364 11	0.06 6908 6	5.27E -08	7738	rs622 2157 5	A	G	0.050 2981	TRUE	reported	igd	29.61 4290 19
189 5	ebi-a-GC ST90027 849	13	5830 4173	-0.351 432	0.07 9202 7	9.12E -06	7738	rs763 2172 2	C	G	0.090 3508	TRUE	reported	igd	19.68 8046 87
189 6	ebi-a-GC ST90027 849	16	1509 314	0.594 016	0.13 2896	7.83E -06	7738	rs743 2275 2	G	T	0.061 9656	TRUE	reported	igd	19.97 8941 13
189 7	ebi-a-GC ST90027 850	2	1115 8701 6	-0.123 821	0.02 7584 4	7.16E -06	7738	rs449 4791	C	T	0.377 533	TRUE	reported	igd	20.14 9372 72
189 8	ebi-a-GC ST90027 850	12	1019 4688 0	0.220 687	0.04 9466	8.14E -06	7738	rs619 4564 2	T	C	0.077 4712	TRUE	reported	igd	19.90 3979 49
189 9	ebi-a-GC ST90027	12	1264 4374	0.166 736	0.03 5182	2.15E -06	7738	rs110 5840	C	T	0.212 283	TRUE	reported	igd	22.45 9900

	850		0		4			5							77
190 0	ebi-a-GC ST90027 850	13	7185 3050	-0.119 73	0.02 6677	7.19E -06	7738	rs798 4826	G	A	0.561 903	TRUE	reported	igd	20.14 3363 38
190 1	ebi-a-GC ST90027 851	1	2376 2884 1	-0.357 667	0.08 0821 4	9.63E -06	7738	rs120 4730 9	A	G	0.082 0939	TRUE	reported	igd	19.58 4162 58
190 2	ebi-a-GC ST90027 851	8	2298 0972	-0.215 591	0.04 6089 4	2.90E -06	7738	rs393 5551	G	A	0.529 903	TRUE	reported	igd	21.88 0595 88
190 3	ebi-a-GC ST90027 851	12	7370 9018	-0.196 819	0.04 4309 3	8.92E -06	7738	rs107 8501 6	T	G	0.395 661	TRUE	reported	igd	19.73 0780 43
190 4	ebi-a-GC ST90027 851	13	7187 8681	0.204 243	0.04 6085	9.34E -06	7738	rs434 1653	C	A	0.675 226	TRUE	reported	igd	19.64 1523 83
190 5	ebi-a-GC ST90027 851	15	9487 7013	-0.248 778	0.05 5936 8	8.69E -06	7738	rs176 6169 6	G	A	0.192 569	TRUE	reported	igd	19.78 0110 27
190 6	ebi-a-GC ST90027 851	20	1357 9570	0.312 689	0.06 9052 9	5.95E -06	7738	rs147 5244 53	G	A	0.119 469	TRUE	reported	igd	20.50 5075 02
190 7	ebi-a-GC ST90027 852	2	1671 9503 5	-0.123 02	0.02 3020 6	9.10E -08	7738	rs675 7314	T	C	0.152 019	TRUE	reported	igd	28.55 7367 33

1908	ebi-a-GC ST90027 852	2	8021 2694	0.151 99	0.03 3972 1	7.68E -06	7738	rs116 1142 11	G	A	0.066 3195	TRUE	reported	igd	20.01 6366 41
1909	ebi-a-GC ST90027 852	4	1615 8922 4	0.148 085	0.03 2866	6.61E -06	7738	rs469 1694	G	A	0.069 8528	TRUE	reported	igd	20.30 1514 5
1910	ebi-a-GC ST90027 852	6	5067 81	-0.088 2115	0.01 6776 2	1.46E -07	7738	rs286 4014 2	G	A	0.505 558	TRUE	reported	igd	27.64 7968 39
1911	ebi-a-GC ST90027 852	7	1587 5449 3	0.140 356	0.03 1139	6.56E -06	7738	rs252 7213	A	C	0.922 361	TRUE	reported	igd	20.31 6675 43
1912	ebi-a-GC ST90027 852	7	2161 1399	-0.104 325	0.02 0540 2	3.79E -07	7738	rs664 7692 5	C	G	0.201 28	TRUE	reported	igd	25.79 6895 88
1913	ebi-a-GC ST90027 852	10	1864 1481	0.117 445	0.02 4312 7	1.36E -06	7738	rs771 4155 7	A	C	0.135 494	TRUE	reported	igd	23.33 4724 72
1914	ebi-a-GC ST90027 852	12	1284 8558 4	0.096 9704	0.01 9937 2	1.15E -06	7738	rs107 7346 0	G	A	0.743 209	TRUE	reported	igd	23.65 6475 61
1915	ebi-a-GC ST90027 852	18	4554 7811	-0.082 8953	0.01 6747 3	7.43E -07	7738	rs430 0413	A	C	0.584 233	TRUE	reported	igd	24.50 0233 03
191	ebi-a-GC	19	4168	0.094	0.01	1.70E	7738	rs129	G	A	0.300	TRUE	reported	igd	22.90

6	ST90027 852		2274	4185	9728 5	-06		7749 8			486				4776 63
191 7	ebi-a-GC ST90027 852	19	8441 137	0.085 3365	0.01 8586 4	4.40E -06	7738	rs139 4690 00	T	C	0.275 477	TRUE	reported	igd	21.08 0412
191 8	ebi-a-GC ST90027 853	1	4701 1372	-0.148 743	0.03 2448 9	4.56E -06	7738	rs752 704	C	T	0.471 083	TRUE	reported	igd	21.01 2276 88
191 9	ebi-a-GC ST90027 853	1	1098 2200 8	-0.156 474	0.03 44	5.40E -06	7738	rs497 0837	T	G	0.651 374	TRUE	reported	igd	20.69 0333 18
192 0	ebi-a-GC ST90027 853	1	2033 4153 1	-0.161 679	0.03 5444	5.08E -06	7738	rs115 8113 5	A	C	0.381 589	TRUE	reported	igd	20.80 7589 58
192 1	ebi-a-GC ST90027 853	2	8664 8492	0.152 524	0.03 3747 9	6.20E -06	7738	rs111 2703 4	C	G	0.662 287	TRUE	reported	igd	20.42 5978 27
192 2	ebi-a-GC ST90027 853	6	6788 7156	-0.149 747	0.03 3700 4	8.85E -06	7738	rs168 9915 9	A	C	0.365 249	TRUE	reported	igd	19.74 4500 43
192 3	ebi-a-GC ST90027 853	6	3430 1848	-0.347 812	0.07 5970 6	4.69E -06	7738	rs140 7411 91	C	T	0.050 3402	TRUE	reported	igd	20.96 0324 92
192 4	ebi-a-GC ST90027	7	1273 2484	0.283 489	0.06 1391	3.88E -06	7738	rs784 0425	A	G	0.089 5404	TRUE	reported	igd	21.32 3513

	853				3			3							43
192 5	ebi-a-GC ST90027 853	7	4621 3818	0.175 285	0.03 7070 8	2.26E -06	7738	rs455 9153	T	C	0.266 562	TRUE	reported	igd	22.35 7620 97
192 6	ebi-a-GC ST90027 853	8	1320 0233 4	-0.158 479	0.03 2501 6	1.08E -06	7738	rs375 0889	T	C	0.593 717	TRUE	reported	igd	23.77 5735 58
192 7	ebi-a-GC ST90027 853	10	1305 7291 4	0.309 762	0.06 8174 1	5.53E -06	7738	rs765 8843 6	A	T	0.066 1079	TRUE	reported	igd	20.64 5121 96
192 8	ebi-a-GC ST90027 853	10	7000 8028	0.236 18	0.05 0806 5	3.34E -06	7738	rs618 5480 0	T	C	0.117 059	TRUE	reported	igd	21.60 9647 4
192 9	ebi-a-GC ST90027 853	11	1022 6860 3	-0.315 75	0.06 6960 9	2.41E -06	7738	rs618 9538 7	T	A	0.074 851	TRUE	reported	igd	22.23 5359 42
193 0	ebi-a-GC ST90027 853	11	1341 0049 9	-0.186 07	0.03 7482 4	6.90E -07	7738	rs112 2373 1	A	G	0.243 695	TRUE	reported	igd	24.64 3247 18
193 1	ebi-a-GC ST90027 853	12	1086 3546 0	0.156 595	0.03 4581	5.94E -06	7738	rs134 6173	A	G	0.658 018	TRUE	reported	igd	20.50 5987 42
193 2	ebi-a-GC ST90027 853	14	3363 3609	0.163 1	0.03 6266 3	6.88E -06	7738	rs285 2197 8	A	G	0.289 057	TRUE	reported	igd	20.22 5600 4

193 3	ebi-a-GC ST90027 853	18	1273 4224	0.228 586	0.04 9837 2	4.50E -06	7738	rs808 9654	G	T	0.863 953	TRUE	reported	igd	21.03 7396 25
193 4	ebi-a-GC ST90027 853	19	4976 8214	-0.296 425	0.06 5375 9	5.78E -06	7738	rs129 8600 7	T	G	0.075 9376	TRUE	reported	igd	20.55 8635 93
193 5	ebi-a-GC ST90027 854	2	6895 9471	-0.089 1075	0.01 8400 3	1.28E -06	7738	rs759 0468	G	A	0.338 112	TRUE	reported	igd	23.45 1936 57
193 6	ebi-a-GC ST90027 854	3	1778 9393 6	0.080 7293	0.01 7551 4	4.23E -06	7738	rs350 0477 9	T	C	0.421 728	TRUE	reported	igd	21.15 6257 56
193 7	ebi-a-GC ST90027 854	7	1338 707	-0.096 8338	0.02 1619 2	7.50E -06	7738	rs778 6467	A	C	0.215 173	TRUE	reported	igd	20.06 2022 43
193 8	ebi-a-GC ST90027 854	12	2719 297	-0.110 75	0.02 4036 7	4.08E -06	7738	rs215 996	C	G	0.152 519	TRUE	reported	igd	21.22 9403 11
193 9	ebi-a-GC ST90027 854	14	8360 5637	-0.089 4148	0.01 8862 5	2.13E -06	7738	rs222 5380	C	A	0.688 409	TRUE	reported	igd	22.47 0892 05
194 0	ebi-a-GC ST90027 854	16	1393 3400	-0.103 384	0.02 2012 1	2.64E -06	7738	rs722 241	G	T	0.778 849	TRUE	reported	igd	22.05 8892 71
194	ebi-a-GC	17	3435	0.082	0.01	1.42E	7738	rs854	T	C	0.477	TRUE	reported	igd	23.25

1	ST90027 854		4883	7355	7155 3	-06		661			202				8792 14
194 2	ebi-a-GC ST90027 855	1	4029 0277	0.109 263	0.02 3477 9	3.26E -06	7738	rs208 7796	C	T	0.773 341	TRUE	reported	igd	21.65 8468 52
194 3	ebi-a-GC ST90027 855	1	1172 7391 2	0.136 67	0.02 7920 5	9.83E -07	7738	rs726 9738 3	A	C	0.147 46	TRUE	reported	igd	23.96 0727 83
194 4	ebi-a-GC ST90027 855	2	2337 9815 5	0.170 187	0.03 6489	3.10E -06	7738	rs778 342	A	G	0.082 1165	TRUE	reported	igd	21.75 3485
194 5	ebi-a-GC ST90027 855	4	1163 8973 1	-0.102 556	0.02 2852 7	7.20E -06	7738	rs483 4490	C	T	0.752 106	TRUE	reported	igd	20.13 9427 02
194 6	ebi-a-GC ST90027 855	5	9867 4510	0.089 1786	0.01 9523 6	4.93E -06	7738	rs687 1001	C	T	0.435 941	TRUE	reported	igd	20.86 4188 5
194 7	ebi-a-GC ST90027 855	5	7629 9200	-0.166 509	0.03 7361 2	8.32E -06	7738	rs765 5732 5	G	A	0.079 6945	TRUE	reported	igd	19.86 2494 57
194 8	ebi-a-GC ST90027 855	11	1690 969	0.089 0031	0.01 9812 9	7.05E -06	7738	rs711 2918	C	T	0.469 469	TRUE	reported	igd	20.17 9675 2
194 9	ebi-a-GC ST90027	14	8805 3855	-0.206 063	0.04 4534	3.71E -06	7738	rs800 6559	G	A	0.051 1182	TRUE	reported	igd	21.40 9901

	855				1										86
195 0	ebi-a-GC ST90027 855	15	3176 3818	-0.096 7904	0.02 0883 6	3.57E -06	7738	rs125 9209 9	C	G	0.334 082	TRUE	reported	igd	21.48 0967 44
195 1	ebi-a-GC ST90027 856	3	6730 5449	0.095 8709	0.01 9741 4	1.20E -06	7738	rs763 0416	A	C	0.618 442	TRUE	reported	igd	23.58 4013 36
195 2	ebi-a-GC ST90027 856	10	1126 5366 4	-0.167 222	0.03 6750 4	5.36E -06	7738	rs227 3934	G	A	0.065 2347	TRUE	reported	igd	20.70 4401 74
195 3	ebi-a-GC ST90027 856	11	7751 7745	-0.083 2976	0.01 8374 4	5.81E -06	7738	rs124 1833 5	C	G	0.383 409	TRUE	reported	igd	20.55 1269 01
195 4	ebi-a-GC ST90027 856	13	4470 0784	-0.193 856	0.03 8383	4.41E -07	7738	rs777 7646 9	A	T	0.073 9975	TRUE	reported	igd	25.50 8249 87
195 5	ebi-a-GC ST90027 857	3	4084 517	-0.207 417	0.04 5106 5	4.26E -06	7738	rs767 7695 5	C	G	0.104 915	TRUE	reported	igd	21.14 5133 8
195 6	ebi-a-GC ST90027 857	3	7666 7574	0.228 807	0.05 1077 1	7.48E -06	7738	rs212 1787	G	A	0.083 8426	TRUE	reported	igd	20.06 7170 98
195 7	ebi-a-GC ST90027 857	4	3865 9457	0.223 943	0.05 0563 7	9.47E -06	7738	rs579 7846 5	A	G	0.079 9417	TRUE	reported	igd	19.61 5405 56

1958	ebi-a-GC ST90027 857	4	1366 1849 5	0.129 909	0.02 8301 4	4.43E -06	7738	rs131 2738 7	A	G	0.349 386	TRUE	reported	igd	21.06 9908 05
1959	ebi-a-GC ST90027 857	4	3173 8007	0.174 22	0.03 7959 9	4.44E -06	7738	rs176 6561 2	G	C	0.148 523	TRUE	reported	igd	21.06 4245 1
1960	ebi-a-GC ST90027 857	5	3106 1463	-0.165 604	0.03 7408 2	9.56E -06	7738	rs772 0468	A	G	0.172 441	TRUE	reported	igd	19.59 7831 63
1961	ebi-a-GC ST90027 857	7	1376 5237	0.131 633	0.02 8986 2	5.59E -06	7738	rs256 8643	A	G	0.295 225	TRUE	reported	igd	20.62 2769 59
1962	ebi-a-GC ST90027 857	7	1355 6250 1	0.118 869	0.02 6578 8	7.74E -06	7738	rs894 795	T	C	0.522 454	TRUE	reported	igd	20.00 1680 23
1963	ebi-a-GC ST90027 857	13	7599 4692	0.203 883	0.04 5958 4	9.15E -06	7738	rs488 3997	G	C	0.912 648	TRUE	reported	igd	19.68 0323 33
1964	ebi-a-GC ST90027 857	14	9749 3057	0.177 245	0.03 9917 6	8.98E -06	7738	rs856 250	G	A	0.128 38	TRUE	reported	igd	19.71 6015 08
1965	ebi-a-GC ST90027 857	14	4247 7049	0.152 996	0.03 0965	7.78E -07	7738	rs801 3597	G	A	0.225 29	TRUE	reported	igd	24.41 2821 99
196	ebi-a-GC	15	4609	0.274	0.05	3.01E	7738	rs620	T	C	0.074	TRUE	reported	igd	26.24

6	ST90027 857		8409	038	3490 4	-07		0623 8			2713				6408 71
196 7	ebi-a-GC ST90027 857	17	3005 9363	-0.138 197	0.03 0940 3	7.95E -06	7738	rs721 7715	A	G	0.233 719	TRUE	reported	igd	19.95 0243 01
196 8	ebi-a-GC ST90027 857	22	4525 3872	0.123 249	0.02 6340 1	2.88E -06	7738	rs728 9868	T	G	0.411 824	TRUE	reported	igd	21.89 4345 63

Appendix 3

	se.exp osure	pval.ex posure	beta.ex posure	SNP	effect_allele. exposure	other_allele. exposure	eaf.exp osure	expo sure	mr_keep.e xposure	pval_origin. exposure	id.exp osure	data_source. exposure	F
1	0.0142	1.02E-0 9	0.087	rs1213 6659	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	37.537 195
2	0.0149	3.63E-1 1	0.0985	rs2488 398	C	G	NA	expo sure	TRUE	reported	J035y d	textfile	43.701 86028
3	0.0164	1.58E-1 5	0.1308	rs1074 6475	A	T	NA	expo sure	TRUE	reported	J035y d	textfile	63.610 35098
4	0.0124	4.80E-2 1	-0.1172	rs4654 925	C	G	NA	expo sure	TRUE	reported	J035y d	textfile	89.332 98647
5	0.0332	2.89E-0 8	-0.1844	rs1129 36798	C	A	NA	expo sure	TRUE	reported	J035y d	textfile	30.849 32501
6	0.014	7.50E-2 2	-0.1346	rs3573 0213	C	G	NA	expo sure	TRUE	reported	J035y d	textfile	92.434 4898
7	0.0165	4.04E-3 1	0.1911	rs3024 493	A	C	NA	expo sure	TRUE	reported	J035y d	textfile	134.13 85124
8	0.0124	4.46E-1 0	0.0773	rs1120 9013	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	38.861 14724
9	0.0294	4.59E-1 11	-0.6578	rs1158 1607	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	500.60 2573
10	0.0128	2.98E-1 1	-0.0848	rs1336 900	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	43.890 625
11	0.0133	1.94E-2 0	-0.123	rs1080 0309	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	85.527 7291

12	0.0163	2.75E-08	0.0907	rs1268339	C	T	NA	exposure	TRUE	reported	J035y d	textfile	30.962 73853
13	0.016	3.79E-13	0.1164	rs1317209	A	G	NA	exposure	TRUE	reported	J035y d	textfile	52.925 625
14	0.014	1.72E-10	-0.0892	rs3820330	A	C	NA	exposure	TRUE	reported	J035y d	textfile	40.595 10204
15	0.0125	3.15E-10	0.0783	rs4276914	A	G	NA	exposure	TRUE	reported	J035y d	textfile	39.237 696
16	0.0134	3.83E-09	0.0789	rs7532133	G	A	NA	exposure	TRUE	reported	J035y d	textfile	34.669 24705
17	0.0126	1.37E-13	-0.0931	rs11677002	C	T	NA	exposure	TRUE	reported	J035y d	textfile	54.595 67901
18	0.018	5.45E-13	0.1298	rs55946629	A	C	NA	exposure	TRUE	reported	J035y d	textfile	52.000 12346
19	0.013	7.63E-15	0.1011	rs4676408	A	G	NA	exposure	TRUE	reported	J035y d	textfile	60.480 53254
20	0.0126	1.67E-28	0.1395	rs7608697	C	A	NA	exposure	TRUE	reported	J035y d	textfile	122.57 65306
21	0.0205	2.56E-08	-0.1143	rs13422838	C	T	NA	exposure	TRUE	reported	J035y d	textfile	31.087 42415
22	0.0132	1.55E-09	-0.0797	rs62180107	C	G	NA	exposure	TRUE	reported	J035y d	textfile	36.455 98026
23	0.0124	5.12E-29	0.1391	rs3792111	T	C	NA	exposure	TRUE	reported	J035y d	textfile	125.83 77341
24	0.0123	8.90E-1	-0.0843	rs1558	T	G	NA	expo	TRUE	reported	J035y	textfile	46.972

		2		619				sure			d		63534
25	0.0151	4.65E-1 1	0.0996	rs7628 6777	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	43.507 56546
26	0.0202	2.30E-0 8	-0.1129	rs7285 2162	C	A	NA	expo sure	TRUE	reported	J035y d	textfile	31.238 13842
27	0.0125	1.22E-1 3	-0.0924	rs6740 847	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	54.641 664
28	0.0125	4.49E-1 0	-0.078	rs6218 3956	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	38.937 6
29	0.0131	1.22E-3 5	0.1635	rs1131 095	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	155.77 3265
30	0.0163	9.27E-1 0	-0.1	rs5611 6661	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	37.637 84862
31	0.0417	3.72E-0 8	0.2293	rs7727 2631	C	G	NA	expo sure	TRUE	reported	J035y d	textfile	30.236 81199
32	0.0124	2.67E-0 8	-0.0692	rs5037 34	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	31.143 60042
33	0.014	2.54E-0 9	-0.0832	rs2593 855	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	35.317 55102
34	0.0127	4.80E-0 8	0.0694	rs1173 4570	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	29.861 49172
35	0.0127	2.67E-1 2	0.0886	rs6232 4212	A	C	NA	expo sure	TRUE	reported	J035y d	textfile	48.669 84934
36	0.0155	3.37E-1 4	-0.1179	rs4957 256	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	57.858 10614

37	0.0125	5.17E-09	0.0731	rs17656349	T	C	NA	exposure	TRUE	reported	J035y d	textfile	34.199 104
38	0.0189	4.01E-11	0.125	rs6579807	T	C	NA	exposure	TRUE	reported	J035y d	textfile	43.741 77655
39	0.0127	3.48E-40	0.1689	rs1445004	T	C	NA	exposure	TRUE	reported	J035y d	textfile	176.86 90557
40	0.0142	4.23E-08	-0.0776	rs62378712	C	T	NA	exposure	TRUE	reported	J035y d	textfile	29.863 91589
41	0.0128	6.15E-13	-0.0919	rs6873866	C	T	NA	exposure	TRUE	reported	J035y d	textfile	51.547 9126
42	0.0129	1.95E-10	0.0819	rs10041497	C	T	NA	exposure	TRUE	reported	J035y d	textfile	40.307 73391
43	0.0134	1.59E-39	0.1767	rs755374	T	C	NA	exposure	TRUE	reported	J035y d	textfile	173.88 55536
44	0.0138	1.77E-10	0.0877	rs56235845	G	T	NA	exposure	TRUE	reported	J035y d	textfile	40.386 94602
45	0.0125	1.10E-27	0.1366	rs11739135	C	G	NA	exposure	TRUE	reported	J035y d	textfile	119.42 1184
46	0.0124	1.45E-08	0.0702	rs341295	T	C	NA	exposure	TRUE	reported	J035y d	textfile	32.050 20812
47	0.0133	1.56E-14	0.1019	rs11152949	G	A	NA	exposure	TRUE	reported	J035y d	textfile	58.700 94409
48	0.0159	3.39E-11	0.1053	rs1267496	C	G	NA	exposure	TRUE	reported	J035y d	textfile	43.859 38056
49	0.0476	4.73E-7	0.86	rs1455	G	T	NA	expo	TRUE	reported	J035y	textfile	326.42

		3		68234				sure			d		46875
50	0.0153	3.75E-2 8	-0.1687	rs6457 681	T	G	NA	expo sure	TRUE	reported	J035y d	textfile	121.57 58469
51	0.0152	7.14E-1 2	0.1043	rs4712 528	C	G	NA	expo sure	TRUE	reported	J035y d	textfile	47.084 87708
52	0.036	3.14E-1 5	0.2836	rs1432 10366	G	T	NA	expo sure	TRUE	reported	J035y d	textfile	62.059 38272
53	0.0129	2.40E-1 0	-0.0818	rs6240 8218	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	40.209 36242
54	0.013	1.06E-0 8	-0.0743	rs2124 02	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	32.665 6213
55	0.0237	2.28E-1 1	-0.1583	rs3414 0409	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	44.613 38105
56	0.0149	6.64E-0 9	0.0863	rs6933 404	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	33.546 64204
57	0.0123	1.16E-1 8	0.1088	rs3517 1809	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	78.243 37365
58	0.0127	4.94E-1 6	-0.1033	rs1095 3551	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	66.159 65032
59	0.0128	3.04E-1 0	-0.0805	rs2435 05	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	39.552 30713
60	0.0242	3.26E-0 8	-0.1338	rs1491 69037	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	30.569 01851
61	0.0133	4.50E-1 1	0.0879	rs1456 896	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	43.679 17915

62	0.0131	1.97E-08	-0.0737	rs62482552	A	G	NA	exposure	TRUE	reported	J035y d	textfile	31.651 36064
63	0.0152	3.88E-08	-0.0837	rs11768365	G	A	NA	exposure	TRUE	reported	J035y d	textfile	30.322 4117
64	0.0669	8.95E-09	-0.3848	rs78771661	T	C	NA	exposure	TRUE	reported	J035y d	textfile	33.083 99079
65	0.0127	1.12E-12	0.0907	rs4380956	A	G	NA	exposure	TRUE	reported	J035y d	textfile	51.004 34001
66	0.0189	1.41E-08	-0.1074	rs938650	A	G	NA	exposure	TRUE	reported	J035y d	textfile	32.291 25724
67	0.0131	2.46E-36	-0.1643	rs1887428	C	G	NA	exposure	TRUE	reported	J035y d	textfile	157.30 1381
68	0.0137	4.10E-27	0.1475	rs10114470	C	T	NA	exposure	TRUE	reported	J035y d	textfile	115.91 58719
69	0.0125	3.52E-36	0.1574	rs3829110	G	A	NA	exposure	TRUE	reported	J035y d	textfile	158.55 8464
70	0.0138	1.11E-12	-0.098	rs1250573	A	G	NA	exposure	TRUE	reported	J035y d	textfile	50.430 58181
71	0.0136	3.99E-13	-0.099	rs10826797	T	G	NA	exposure	TRUE	reported	J035y d	textfile	52.989 83564
72	0.0124	1.19E-34	-0.152	rs6584282	G	A	NA	exposure	TRUE	reported	J035y d	textfile	150.26 01457
73	0.0133	2.74E-09	0.0792	rs11195128	T	C	NA	exposure	TRUE	reported	J035y d	textfile	35.460 68178
74	0.0131	3.12E-1	0.0951	rs2384	G	A	NA	expo	TRUE	reported	J035y	textfile	52.700

		3		352				sure			d		94983
75	0.0126	2.30E-3 6	0.1585	rs1076 1659	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	158.24 04258
76	0.0125	1.38E-0 8	0.071	rs7918 084	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	32.262 4
77	0.017	1.18E-0 9	-0.1031	rs1114 56533	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	36.780 65744
78	0.0148	2.44E-0 8	0.0827	rs1122 1335	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	31.223 9317
79	0.0125	7.19E-3 3	0.1488	rs1123 6797	A	C	NA	expo sure	TRUE	reported	J035y d	textfile	141.70 5216
80	0.013	1.76E-1 1	0.0874	rs1106 6188	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	45.199 76331
81	0.0411	4.53E-1 7	0.3452	rs1179 81694	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	70.543 65058
82	0.0127	1.27E-2 5	0.1324	rs1282 5700	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	108.68 47294
83	0.0145	1.90E-1 1	0.0971	rs3897 234	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	44.843 80499
84	0.0305	1.13E-0 9	-0.1857	rs1409 33577	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	37.070 13169
85	0.0124	1.84E-1 1	0.0833	rs1947 46	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	45.128 05671
86	0.0207	1.10E-1 3	0.1536	rs3850 378	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	55.060 70153

87	0.1782	6.27E-1 4	1.3366	rs1864 239	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	56.258 41782
88	0.0145	1.37E-2 1	0.1382	rs5606 2135	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	90.840 61831
89	0.0155	2.06E-0 8	-0.0872	rs7190 426	C	A	NA	expo sure	TRUE	reported	J035y d	textfile	31.649 69823
90	0.0137	6.55E-1 6	-0.1105	rs2837 4519	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	65.055 41052
91	0.0172	8.77E-1 1	-0.1116	rs9934 775	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	42.098 97242
92	0.0327	2.99E-1 7	0.2765	rs8056 255	A	T	NA	expo sure	TRUE	reported	J035y d	textfile	71.498 14363
93	0.0362	5.18E-1 1	-0.2374	rs1154 8656	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	43.007 50893
94	0.0138	7.83E-4 6	0.1961	rs7499 10	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	201.92 82189
95	0.0126	4.96E-1 0	0.0783	rs2301 127	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	38.617 34694
96	0.0169	2.50E-1 1	0.113	rs1694 0202	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	44.707 81835
97	0.0124	7.73E-3 0	0.1406	rs1293 6409	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	128.56 63371
98	0.0126	1.34E-1 8	-0.1109	rs7441 66	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	77.467 93903
99	0.0139	6.23E-1	-0.0959	rs7149	C	A	NA	expo	TRUE	reported	J035y	textfile	47.600

		2		10				sure			d		07246
100	0.018	2.47E-1 3	-0.1319	rs1138 46785	CG	C	NA	expo sure	TRUE	reported	J035y d	textfile	53.696 32716
101	0.0147	7.50E-0 9	-0.0851	rs1319 951	G	C	NA	expo sure	TRUE	reported	J035y d	textfile	33.513 85997
102	0.019	1.04E-1 6	0.1581	rs8026 2450	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	69.239 9169
103	0.0152	4.24E-1 7	0.1281	rs4807 569	C	A	NA	expo sure	TRUE	reported	J035y d	textfile	71.024 97403
104	0.0276	1.63E-0 9	-0.1665	rs7256 518	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	36.392 36767
105	0.0166	2.60E-1 7	0.1407	rs6212 6610	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	71.840 94208
106	0.0157	1.84E-1 2	-0.1107	rs1166 9299	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	49.715 97225
107	0.0129	2.83E-2 6	0.137	rs6062 496	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	112.78 7693
108	0.0138	1.23E-0 8	0.0786	rs4256 018	G	T	NA	expo sure	TRUE	reported	J035y d	textfile	32.440 45369
109	0.0135	1.07E-1 7	0.1156	rs6017 342	C	A	NA	expo sure	TRUE	reported	J035y d	textfile	73.324 33471
110	0.0134	4.55E-0 8	-0.0734	rs6063 502	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	30.004 23257
111	0.0132	7.38E-1 0	-0.0813	rs1548 73	A	G	NA	expo sure	TRUE	reported	J035y d	textfile	37.934 40083

112	0.0126	3.98E-3 1	-0.1462	rs1297 264	G	A	NA	expo sure	TRUE	reported	J035y d	textfile	134.63 36609
113	0.0146	1.96E-2 9	-0.1643	rs2836 881	T	G	NA	expo sure	TRUE	reported	J035y d	textfile	126.63 95665
114	0.0125	1.83E-2 4	-0.128	rs2838 517	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	104.85 76
115	0.0171	4.60E-2 4	-0.1732	rs2413 583	T	C	NA	expo sure	TRUE	reported	J035y d	textfile	102.58 96515
116	0.016	7.14E-1 6	0.1293	rs5754 100	C	T	NA	expo sure	TRUE	reported	J035y d	textfile	65.306 60156
117	0.013	1.47E-0 8	0.0734	rs5763 793	T	G	NA	expo sure	TRUE	reported	J035y d	textfile	31.879 05325

Appendix 4

	X	SNP	CHR	BP	effect_allele. exposure	other_allele. exposure	pval.ex posure	eaf.exp osure	beta.ex posure	se.exp osure	id_exp	id.exp osure	F
233	233	rs7705 826	5	13239 6764	G	T	2.38E-2 2	0.8337 02	0.19927 6	0.0204 928	GCST90199621_build GRCh38.tsv.gz	280P7 r	94.559 98425
274	274	rs1492 35996	5	15134 0348	G	A	4.46E-1 6	0.0120 372	-0.5690 9	0.0700 396	GCST90199621_build GRCh38.tsv.gz	280P7 r	66.019 85928
298	298	rs1090 0223	10	45526 183	C	T	2.15E-0 9	0.2501 22	-0.1054 48	0.0176 162	GCST90199621_build GRCh38.tsv.gz	280P7 r	35.830 44727
390	390	rs1171 617	10	59707 424	T	G	4.76E-1 34	0.7701 18	0.44333 2	0.0179 927	GCST90199621_build GRCh38.tsv.gz	280P7 r	607.10 73385
561	561	rs7267 0481	1	68255 458	T	C	1.37E-0 8	0.0444 222	-0.2874 87	0.0506 395	GCST90199623_build GRCh38.tsv.gz	FjJ5Q 0	32.229 79951
572	572	rs3547 10	2	14312 9515	T	C	1.27E-0 9	0.5870 63	0.09737 75	0.0160 404	GCST90199626_build GRCh38.tsv.gz	BJnhI W	36.854 18851
735	735	rs4148 325	2	23376 4663	T	C	1.81E-2 2	0.3263 16	0.16036 9	0.0164 451	GCST90199626_build GRCh38.tsv.gz	BJnhI W	95.097 2164
756	756	rs8025 3618	4	16994 0405	A	G	3.10E-0 9	0.1144 98	0.14576 4	0.0245 961	GCST90199626_build GRCh38.tsv.gz	BJnhI W	35.121 09557
795	795	rs2762 353	6	25794 203	G	A	3.94E-1 2	0.5564 51	0.10826 3	0.0156 013	GCST90199626_build GRCh38.tsv.gz	BJnhI W	48.154 68415
1238	1238	rs1016 8931	2	73650 092	A	G	1.33E-2 1	0.2378 02	0.20307 3	0.0212 7	GCST90199627_build GRCh38.tsv.gz	rFYak F	91.152 66901
1441	1441	rs7769 2382	1	39941 043	T	C	2.28E-1 2	0.2493 24	0.12434 3	0.0177 226	GCST90199629_build GRCh38.tsv.gz	2g1H Cl	49.225 23652

1477	1477	rs5953 2339	16	20568 350	T	A	1.27E-1 7	0.0235 728	0.46109 7	0.0539 542	GCST90199630_build GRCh38.tsv.gz	sHv0x z	73.035 51202
1505	1505	rs1165 64150	4	88278 245	A	G	3.83E-0 9	0.0087 7514	0.47353 8	0.0803 759	GCST90199631_build GRCh38.tsv.gz	I9Ij5w	34.710 26851
1531	1531	rs1444 29282	3	30096 963	T	C	4.14E-0 8	0.0119 106	0.38708 3	0.0705 729	GCST90199634_build GRCh38.tsv.gz	BDeQ OI	30.083 77062
1553	1553	rs5837 4597	15	78417 591	A	T	1.39E-2 3	0.0158 799	0.61027 7	0.0609 732	GCST90199634_build GRCh38.tsv.gz	BDeQ OI	100.17 8847
1698	1698	rs6495 304	15	78508 074	A	G	2.01E-0 8	0.9730 48	0.26676 7	0.0475 445	GCST90199634_build GRCh38.tsv.gz	BDeQ OI	31.482 09613
1753	1753	rs3885 951	15	78533 575	G	A	7.47E-1 19	0.0990 508	0.57860 6	0.0249 628	GCST90199634_build GRCh38.tsv.gz	BDeQ OI	537.25 35221
2182	2182	rs6182 5638	1	24155 0102	T	C	2.89E-1 4	0.2464 02	0.13003 1	0.0171 027	GCST90199636_build GRCh38.tsv.gz	gu4mo 2	57.804 87274
2227	2227	rs1021 6901	8	39947 074	T	C	1.46E-0 9	0.3724 32	-0.0925 85	0.0153 069	GCST90199636_build GRCh38.tsv.gz	gu4mo 2	36.585 31274
2251	2251	rs3184 504	12	11144 6804	C	T	2.84E-1 3	0.5136 69	-0.1081 42	0.0148 104	GCST90199636_build GRCh38.tsv.gz	gu4mo 2	53.315 7126
2278	2278	rs6540 080	16	87784 963	A	G	5.01E-1 1	0.2872 17	-0.1079 27	0.0164 258	GCST90199636_build GRCh38.tsv.gz	gu4mo 2	43.172 49516
2402	2402	rs4843 270	16	87844 466	A	C	1.53E-3 5	0.2653 49	0.20562 7	0.0165 261	GCST90199636_build GRCh38.tsv.gz	gu4mo 2	154.81 73132
2642	2642	rs1016 8931	2	73650 092	A	G	1.84E-1 1	0.2240 14	0.12301 4	0.0183 105	GCST90199637_build GRCh38.tsv.gz	gvmjH t	45.134 50396
2660	2660	rs1085	20	46598	C	T	3.45E-0	0.1877	0.11634	0.0196	GCST90199637_build	gvmjH	34.911

		4172		884			9	65	1	9	GRCh38.tsv.gz	t	95367
2719	2719	rs5670 4741	1	21378 351	C	T	2.16E-1 0	0.3441 83	-0.1048 33	0.0165 102	GCST90199638_build GRCh38.tsv.gz	M1Qn u7	40.317 29254
2938	2938	rs1780 318	1	21569 132	T	A	3.24E-4 1	0.9431 46	0.44880 5	0.0333 781	GCST90199638_build GRCh38.tsv.gz	M1Qn u7	180.79 73873
2996	2996	rs1863 66783	20	55165 81	A	T	1.77E-0 8	0.0223 242	0.2955	0.0524 575	GCST90199638_build GRCh38.tsv.gz	M1Qn u7	31.732 17143
3020	3020	rs4903 79	1	88252 216	C	A	1.29E-0 9	0.1362 64	-0.1332 15	0.0219 505	GCST90199639_build GRCh38.tsv.gz	PVTlx b	36.831 33186
3620	3620	rs7530 513	1	88944 228	A	G	7.70E-1 66	0.5026 7	0.39762 3	0.0144 873	GCST90199639_build GRCh38.tsv.gz	PVTlx b	753.30 02097
3737	3737	rs1452 81230	3	50205 849	G	A	2.83E-0 9	0.0105 506	-0.4390 15	0.0738 951	GCST90199639_build GRCh38.tsv.gz	PVTlx b	35.296 1581
3763	3763	rs2805 103	9	12883 6618	A	T	8.39E-0 9	0.7086 3	0.09699 57	0.0168 381	GCST90199639_build GRCh38.tsv.gz	PVTlx b	33.183 24048
3822	3822	rs4150 575	11	18334 919	T	C	1.05E-1 0	0.6883 58	0.10702 7	0.0165 673	GCST90199639_build GRCh38.tsv.gz	PVTlx b	41.733 34844
3863	3863	rs1077 4021	12	24013 2	T	C	1.37E-3 4	0.6513 53	0.19487 8	0.0158 871	GCST90199639_build GRCh38.tsv.gz	PVTlx b	150.46 53049
4176	4176	rs1107 6256	16	58718 562	T	C	6.12E-1 53	0.0774 033	0.71438 4	0.0271 182	GCST90199639_build GRCh38.tsv.gz	PVTlx b	693.97 16347
4420	4420	rs1432 77630	16	58781 671	T	C	1.58E-1 8	0.0475 578	-0.3122 17	0.0355 437	GCST90199639_build GRCh38.tsv.gz	PVTlx b	77.159 21907
4992	4992	rs1260 1778	17	82233 472	T	C	2.59E-1 2	0.4343 68	-0.1071 45	0.0153 104	GCST90199639_build GRCh38.tsv.gz	PVTlx b	48.974 58267

5320	5320	rs1405 27149	1	15581 637	C	A	7.71E-2 36	0.5505 23	-0.4599 47	0.0140 263	GCST90199640_build GRCh38.tsv.gz	HG3P pm	1075.2 99228
5827	5827	rs7969 761	12	24667 6	T	C	2.56E-0 9	0.5458 55	0.09035 42	0.0151 665	GCST90199640_build GRCh38.tsv.gz	HG3P pm	35.491 63047
5904	5904	rs7268 8441	1	45585 381	A	G	2.04E-7 2	0.0538 338	-0.6033 21	0.0335 227	GCST90199642_build GRCh38.tsv.gz	DV4o vD	323.90 59333
6136	6136	rs7272 2075	15	45031 276	T	C	1.99E-0 9	0.1237 22	-0.1412 62	0.0235 479	GCST90199642_build GRCh38.tsv.gz	DV4o vD	35.987 05733
6138	6138	rs2529 273	7	74873 835	T	C	1.40E-0 8	0.7268 08	0.10154 1	0.0178 971	GCST90199644_build GRCh38.tsv.gz	VoqB QD	32.189 74548
6144	6144	rs5611 3850	19	40847 202	C	T	1.05E-1 1	0.5761 93	-0.1059 14	0.0155 754	GCST90199644_build GRCh38.tsv.gz	VoqB QD	46.241 11767
6152	6152	rs5495 40666	19	55512 452	T	C	4.65E-0 8	0.0038 1679	0.68231 5	0.1248 7	GCST90199646_build GRCh38.tsv.gz	ZSClu 8	29.857 51192
6295	6295	rs4988 235	2	13585 1076	A	G	7.40E-1 6	0.6466 06	0.12511 8	0.0155 16	GCST90199648_build GRCh38.tsv.gz	SW6j Kb	65.024 95276
6357	6357	rs1197 6181	7	14209 7764	C	T	2.07E-1 0	0.8177 48	-0.1324 48	0.0208 369	GCST90199648_build GRCh38.tsv.gz	SW6j Kb	40.404 02159
6381	6381	rs7728 3946	17	18982 968	A	C	8.81E-2 3	0.0189 905	-0.5527 41	0.0562 598	GCST90199648_build GRCh38.tsv.gz	SW6j Kb	96.526 59618
6385	6385	rs1161 39938	17	19002 728	T	G	1.83E-0 9	0.0309 995	-0.2674 95	0.0444 913	GCST90199648_build GRCh38.tsv.gz	SW6j Kb	36.147 73967
6665	6665	rs1129 57492	1	62651 339	C	T	1.38E-3 5	0.3388 91	-0.1957 95	0.0157 253	GCST90199649_build GRCh38.tsv.gz	mp1m 0B	155.02 62762
6795	6795	rs3812	7	73606	G	C	3.05E-0	0.1218	-0.1369	0.0230	GCST90199649_build	mp1m	35.150

		316		007			9	88	26	95	GRCh38.tsv.gz	0B	85633
6843	6843	rs174560	11	61814292	C	T	3.50E-59	0.306967	-0.263536	0.0162451	GCST90199649_build GRCh38.tsv.gz	mp1m 0B	263.16 92371
6994	6994	rs964184	11	116778201	C	G	4.71E-18	0.868833	-0.194744	0.0224871	GCST90199649_build GRCh38.tsv.gz	mp1m 0B	75.000 0011
7014	7014	rs1532085	15	58391167	G	A	5.70E-09	0.623614	-0.0917612	0.0157522	GCST90199649_build GRCh38.tsv.gz	mp1m 0B	33.934 05304
7026	7026	rs77960347	18	49583585	G	A	3.78E-14	0.0143349	0.479876	0.0634052	GCST90199649_build GRCh38.tsv.gz	mp1m 0B	57.280 69869
7033	7033	rs7241918	18	49634583	T	G	3.06E-11	0.826708	0.132894	0.0200029	GCST90199649_build GRCh38.tsv.gz	mp1m 0B	44.139 23678
7063	7063	rs157595	19	44922203	G	A	3.18E-09	0.599898	0.0939248	0.0158609	GCST90199649_build GRCh38.tsv.gz	mp1m 0B	35.067 50794
7111	7111	rs626283	19	54173307	G	C	4.24E-29	0.562667	0.174476	0.0155831	GCST90199649_build GRCh38.tsv.gz	mp1m 0B	125.36 13548
7119	7119	rs145909629	9	26547368	A	G	4.92E-08	0.0147347	0.321487	0.0589415	GCST90199650_build GRCh38.tsv.gz	JHNNH KG	29.749 82833
7191	7191	rs2997922	9	128818465	T	C	4.22E-32	0.709362	0.185074	0.0156931	GCST90199650_build GRCh38.tsv.gz	JHNNH KG	139.08 27722
7282	7282	rs11647808	16	58736977	A	C	6.34E-16	0.0790114	0.212473	0.0262875	GCST90199650_build GRCh38.tsv.gz	JHNNH KG	65.329 43895
7367	7367	rs174603	11	61858734	A	G	3.74E-09	0.318542	-0.0936123	0.015879	GCST90199651_build GRCh38.tsv.gz	zA8Z HS	34.755 17936
7370	7370	rs1354034	3	56815721	C	T	3.68E-18	0.609726	0.138779	0.0159732	GCST90199652_build GRCh38.tsv.gz	1shA2 U	75.485 51955

7459	7459	rs5611 3850	19	40847 202	C	T	3.00E-1 2	0.5739 47	-0.1111 97	0.0159 364	GCST90199654_build GRCh38.tsv.gz	7RsH D2	48.686 17964
7471	7471	rs8939 71	4	88282 518	G	A	8.31E-1 0	0.3991 87	0.09247 46	0.0150 638	GCST90199655_build GRCh38.tsv.gz	7RFqr Q	37.685 6353
7495	7495	rs1000 821	17	76437 921	T	C	3.92E-1 0	0.4602 26	0.09555 01	0.0152 708	GCST90199657_build GRCh38.tsv.gz	xsTV6 a	39.150 62624
7496	7496	rs5395 44964	13	21845 206	A	G	4.30E-0 8	0.0008 51789	-1.3542 5	0.2472 14	GCST90199658_build GRCh38.tsv.gz	YJmlo a	30.009 00288
7569	7569	rs1061 808	6	32168 770	G	T	2.16E-3 7	0.6316 78	0.20009 2	0.0156 583	GCST90199660_build GRCh38.tsv.gz	g5jW BI	163.29 40014
8195	8195	rs1022 75	11	61790 331	C	T	1.11E-4 3	0.3459 3	-0.2205 49	0.0159 13	GCST90199660_build GRCh38.tsv.gz	g5jW BI	192.09 05767
8341	8341	rs1723 1506	16	56960 616	T	C	2.80E-0 8	0.3253 07	0.09016 68	0.0162 354	GCST90199660_build GRCh38.tsv.gz	g5jW BI	30.843 7609
8344	8344	rs5479 55278	16	88662 103	G	A	2.15E-0 8	0.0039 566	0.69597 9	0.1242 94	GCST90199662_build GRCh38.tsv.gz	ELHz R2	31.353 92695
8432	8432	rs1107 6256	16	58718 562	T	C	6.24E-6 4	0.0778 439	0.44766 2	0.0265 192	GCST90199664_build GRCh38.tsv.gz	urwaZ P	284.95 7193
8567	8567	rs1432 77630	16	58781 671	T	C	1.01E-0 8	0.0478 586	-0.1947 62	0.0339 985	GCST90199664_build GRCh38.tsv.gz	urwaZ P	32.816 24899
8916	8916	rs2631 367	5	13236 9766	G	C	4.37E-1 6	0.5223 91	0.12347 3	0.0151 912	GCST90199666_build GRCh38.tsv.gz	MIJio X	66.063 23515
8991	8991	rs1221 0538	6	11043 8805	G	A	8.51E-2 2	0.2384 71	-0.1692 43	0.0176 414	GCST90199666_build GRCh38.tsv.gz	MIJio X	92.035 49142
9003	9003	rs1171	10	59703	T	G	9.41E-0	0.2244	0.10578	0.0184	GCST90199666_build	MIJio	32.959

		623		726			9	91	4	26	GRCh38.tsv.gz	X	28913
9066	9066	rs7269 2616	1	45941 615	A	G	1.56E-2 5	0.0535 583	-0.3335 31	0.0319 348	GCST90199667_build GRCh38.tsv.gz	cKvR 38	109.07 97189
9080	9080	rs9858 049	3	53243 795	T	C	6.76E-1 0	0.1232 02	-0.1354 63	0.0219 498	GCST90199667_build GRCh38.tsv.gz	cKvR 38	38.087 30501
9112	9112	rs1495 56176	1	74971 148	C	T	9.90E-1 5	0.0140 408	0.49122	0.0634 609	GCST90199668_build GRCh38.tsv.gz	a8Y2a g	59.915 56067
9586	9586	rs2185 152	1	75758 325	T	C	3.83E-1 74	0.3083 7	-0.4316	0.0153 412	GCST90199668_build GRCh38.tsv.gz	a8Y2a g	791.48 77698
1031 5	1031 5	rs2631 367	5	13236 9766	G	C	2.36E-1 2	0.5227 36	0.10474 1	0.0149 388	GCST90199668_build GRCh38.tsv.gz	a8Y2a g	49.158 88297
1036 4	1036 4	rs7701 0315	5	15134 3594	A	C	3.41E-1 1	0.0120 84	-0.4523 58	0.0682 548	GCST90199668_build GRCh38.tsv.gz	a8Y2a g	43.923 62284
1037 2	1037 2	rs6621 38	6	16014 3444	G	C	9.44E-1 2	0.1753 23	-0.1339 22	0.0196 516	GCST90199668_build GRCh38.tsv.gz	a8Y2a g	46.441 69069
1039 6	1039 6	rs1171 617	10	59707 424	T	G	3.40E-1 7	0.7689 51	0.15217 8	0.0180 475	GCST90199668_build GRCh38.tsv.gz	a8Y2a g	71.100 00695
1060 1	1060 1	rs2631 367	5	13236 9766	G	C	7.71E-1 4	0.5224 96	0.11184 1	0.0149 618	GCST90199669_build GRCh38.tsv.gz	0DOO F6	55.877 16879
1064 7	1064 7	rs7482 3953	5	15130 0049	T	C	1.99E-0 9	0.0122 617	-0.4077 34	0.0679 719	GCST90199669_build GRCh38.tsv.gz	0DOO F6	35.982 80671
1071 3	1071 3	rs1171 617	10	59707 424	T	G	5.83E-3 3	0.7695 09	0.21561 3	0.0180 295	GCST90199669_build GRCh38.tsv.gz	0DOO F6	143.01 53057
1073 2	1073 2	rs6238 1198	5	13884 3482	T	C	1.87E-1 1	0.0258 779	-0.3178 86	0.0473 36	GCST90199672_build GRCh38.tsv.gz	deLdC i	45.098 25009

1078 9	1078 9	rs7844 20	5	78691 701	G	A	1.43E-0 8	0.2950 93	0.08381 84	0.0147 829	GCST90199673_build GRCh38.tsv.gz	YjNB wC	32.148 40675
1083 6	1083 6	rs1489 82377	7	99477 415	C	T	7.69E-3 1	0.0341 38	-0.4232 59	0.0366 57	GCST90199673_build GRCh38.tsv.gz	YjNB wC	133.32 10005
1091 4	1091 4	rs9557 83	13	21724 936	T	A	4.92E-1 0	0.4032 68	0.08680 89	0.0139 53	GCST90199673_build GRCh38.tsv.gz	YjNB wC	38.707 33915
1095 6	1095 6	rs7629 4479	16	81547 979	T	C	2.21E-0 9	0.0689 424	0.15816 5	0.0264 428	GCST90199673_build GRCh38.tsv.gz	YjNB wC	35.777 16228
1096 1	1096 1	rs1047 891	2	21067 5783	A	C	1.79E-6 7	0.3089 2	-0.2671 16	0.0153 908	GCST90199675_build GRCh38.tsv.gz	04Ml Xv	301.21 55693
1123 1	1123 1	rs1313 5092	4	10227 6925	G	A	7.85E-0 9	0.0821 459	0.15293 1	0.0264 972	GCST90199675_build GRCh38.tsv.gz	04Ml Xv	33.311 26222
1123 6	1123 6	rs3737 0	5	35039 381	T	C	7.69E-1 0	0.9017 46	-0.1483 41	0.0241 157	GCST90199675_build GRCh38.tsv.gz	04Ml Xv	37.837 51965
1164 1	1164 1	rs7262 3915	15	45355 235	T	C	9.07E-1 10	0.2561 24	0.35587 2	0.0159 872	GCST90199675_build GRCh38.tsv.gz	04Ml Xv	495.49 90454
1187 2	1187 2	rs7262 9024	20	63521 166	G	C	1.30E-0 8	0.1444 02	0.11732 4	0.0206 359	GCST90199675_build GRCh38.tsv.gz	04Ml Xv	32.324 13361
1187 3	1187 3	rs1148 81696	4	92980 470	G	C	4.12E-0 8	0.0340 631	-0.2364 39	0.0431 018	GCST90199676_build GRCh38.tsv.gz	b1egX c	30.091 74778
1188 6	1188 6	rs9641 84	11	11677 8201	C	G	8.72E-1 5	0.8686 88	-0.1775 23	0.0228 868	GCST90199676_build GRCh38.tsv.gz	b1egX c	60.164 33324
1189 6	1189 6	rs7278 5421	16	14193 978	C	T	3.89E-0 8	0.1519 33	-0.1192 37	0.0216 956	GCST90199676_build GRCh38.tsv.gz	b1egX c	30.204 9938
1189	1189	rs1128	19	44928	A	G	1.41E-0	0.0904	0.15898	0.0280	GCST90199676_build	b1egX	32.168

9	9	71012		640			8	05	7	316	GRCh38.tsv.gz	c	25142
1190 6	1190 6	rs1129 043	4	88261 979	C	T	1.01E-1 6	0.5766 89	-0.1311 18	0.0157 904	GCST90199677_build GRCh38.tsv.gz	CeYM 64	68.950 65069
1200 4	1200 4	rs6238 1620	5	13935 0290	G	T	9.53E-1 1	0.0302 787	-0.2882 41	0.0445 21	GCST90199678_build GRCh38.tsv.gz	vISVJ f	41.916 1794
1203 7	1203 7	rs2841 5528	1	15190 7285	A	G	2.12E-1 3	0.3177 91	-0.1193 96	0.0162 643	GCST90199680_build GRCh38.tsv.gz	CjefT u	53.890 07672
1259 9	1259 9	rs1338 4756	2	73644 538	T	C	9.21E-3 4	0.2253 9	-0.2220 42	0.0183 336	GCST90199681_build GRCh38.tsv.gz	yASa ZR	146.68 13024
1282 6	1282 6	rs7463 7339	3	15586 533	A	T	3.32E-1 0	0.0521 596	0.21879 1	0.0348 214	GCST90199681_build GRCh38.tsv.gz	yASa ZR	39.479 02791
1283 0	1283 0	rs4390 625	17	39464 094	G	A	4.70E-0 8	0.7406 62	-0.0943 027	0.0172 638	GCST90199682_build GRCh38.tsv.gz	mvCx kk	29.838 39524
1310 8	1310 8	rs2003 99858	19	32851 497	T	C	1.73E-1 5	0.5079 21	-0.1208 14	0.0151 785	GCST90199682_build GRCh38.tsv.gz	mvCx kk	63.354 40508
1317 6	1317 6	rs8101 881	19	32873 722	T	C	5.17E-6 2	0.6068 08	0.25419 7	0.0152 966	GCST90199682_build GRCh38.tsv.gz	mvCx kk	276.15 37984
1343 5	1343 5	rs1157 5549	7	50462 479	T	C	2.62E-1 1	0.0179 246	-0.3794 8	0.0569 25	GCST90199683_build GRCh38.tsv.gz	1dMd gr	44.439 76004
1354 5	1354 5	rs1460 78477	3	39008 052	A	G	3.89E-0 8	0.0007 07992	-1.8165 3	0.3305 21	GCST90199685_build GRCh38.tsv.gz	vLWb nR	30.205 56983
1354 6	1354 6	rs1168 1248	2	13606 2506	T	C	4.64E-0 8	0.6290 22	-0.0861 776	0.0157 7	GCST90199686_build GRCh38.tsv.gz	JQbG 8H	29.862 44779
1369 5	1369 5	rs8061 485	16	20463 360	C	T	1.77E-2 4	0.2784 71	-0.1754 73	0.0171 848	GCST90199686_build GRCh38.tsv.gz	JQbG 8H	104.26 33412

1386 4	1386 4	rs6238 1620	5	13935 0290	G	T	2.90E-1 1	0.0304 893	-0.2937 56	0.0441 641	GCST90199687_build GRCh38.tsv.gz	XdmO TH	44.241 99707
1390 4	1390 4	rs1047 891	2	21067 5783	A	C	1.16E-1 29	0.3078 89	0.38147 8	0.0157 461	GCST90199688_build GRCh38.tsv.gz	LI1eh p	586.93 90215
1451 7	1451 7	rs5966 03	11	67592 132	G	T	9.70E-1 5	0.5726 68	-0.1159 99	0.0149 808	GCST90199688_build GRCh38.tsv.gz	LI1eh p	59.956 80452
1458 1	1458 1	rs5515 44011	17	48365 772	A	G	2.74E-0 8	0.0017 5144	1.10549	0.1989 36	GCST90199689_build GRCh38.tsv.gz	VRgl6 L	30.880 39694
1458 2	1458 2	rs5293 51684	3	34390 200	T	A	1.44E-0 8	0.0024 9392	-0.8499 48	0.1499 28	GCST90199690_build GRCh38.tsv.gz	H6i5D A	32.138 02744
1459 6	1459 6	rs1113 3665	5	11881 70	A	G	2.59E-2 1	0.2910 59	0.15617 2	0.0164 769	GCST90199691_build GRCh38.tsv.gz	GqDty s	89.837 01894
1481 5	1481 5	rs3528 5898	17	39399 619	C	A	3.52E-2 1	0.2622 79	0.15933 2	0.0168 676	GCST90199691_build GRCh38.tsv.gz	GqDty s	89.227 64446
1508 7	1508 7	rs3504 2303	20	52070 514	T	C	1.63E-0 8	0.0664 537	0.16995 2	0.0300 921	GCST90199691_build GRCh38.tsv.gz	GqDty s	31.896 83316
1513 2	1513 2	rs2841 5528	1	15190 7285	A	G	3.41E-3 9	0.3178 99	-0.2098 71	0.0160 24	GCST90199693_build GRCh38.tsv.gz	y1GJP Z	171.53 90463
1533 3	1533 3	rs7286 8316	10	13339 1165	A	G	2.29E-1 2	0.0292 732	0.34200 8	0.0487 503	GCST90199694_build GRCh38.tsv.gz	n7l5Y 2	49.217 31806
1537 5	1537 5	rs1446 585	2	13564 9909	G	A	2.62E-1 3	0.3225 23	-0.1218 17	0.0166 585	GCST90199695_build GRCh38.tsv.gz	ImfRo 0	53.474 1652
1567 5	1567 5	rs1126 743	1	46930 301	A	G	1.81E-1 3	0.7918 93	0.13627 1	0.0185 101	GCST90199697_build GRCh38.tsv.gz	qSwZ ED	54.198 76066
1577	1577	rs2850	4	88314	G	C	8.58E-1	0.3520	0.10609	0.0163	GCST90199698_build	4kVer	42.121

4	4	4259		718			1	48	7	475	GRCh38.tsv.gz	K	46967
1598	1598	rs8025	6	16009	G	A	9.26E-4	0.0749	-0.3978	0.0286	GCST90199698_build	4kVer	192.45
6	6	4170		3251			4	15	05	752	GRCh38.tsv.gz	K	42755
1603	1603	rs6621	6	16014	G	C	4.72E-1	0.1749	-0.4263	0.0197	GCST90199698_build	4kVer	464.63
6	6	38		3444			03	11	07	773	GRCh38.tsv.gz	K	39342
1607	1607	rs1171	10	59708	T	G	1.22E-1	0.7697	0.14384	0.0186	GCST90199698_build	4kVer	59.512
6	6	616		831			4	99	6	464	GRCh38.tsv.gz	K	14265
1608	1608	rs7111	11	13427	T	C	8.94E-6	0.0276	0.77515	0.0463	GCST90199698_build	4kVer	279.65
6	6	570		1204			3	081	6	532	GRCh38.tsv.gz	K	255
1609	1609	rs4350	17	75359	T	C	4.57E-0	0.7305	0.10157	0.0173	GCST90199698_build	4kVer	34.364
9	9	602		688			9		9	281	GRCh38.tsv.gz	K	17919
1611	1611	rs5611	19	40847	C	T	3.97E-1	0.5772	0.10293	0.0155	GCST90199699_build	lqwBL	43.626
0	0	3850		202			1	47	8	847	GRCh38.tsv.gz	R	92052
1613	1613	rs1078	1	15191	G	C	2.33E-1	0.6019	0.10710	0.0152	GCST90199700_build	5Vism	49.187
7	7	8817		0380			2	33	1	709	GRCh38.tsv.gz	m	8438
1634	1634	rs2745	5	13238	C	T	5.47E-1	0.8385	-0.1528	0.0203	GCST90199703_build	0MZv	56.553
6	6	54		9258			4	69	25	22	GRCh38.tsv.gz	Si	03473
1638	1638	rs2006	15	24800	A	T	4.67E-0	0.0003	-2.1368	0.3911	GCST90199703_build	0MZv	29.850
0	0	79552		374			8	67647	6	12	GRCh38.tsv.gz	Si	37951
1657	1657	rs1126	1	46932	G	A	6.95E-2	0.1251	-0.2515	0.0239	GCST90199704_build	BSC3	110.68
7	7	742		824			6	54	03	06	GRCh38.tsv.gz	WE	0856
1668	1668	rs7542	1	15189	T	C	1.59E-1	0.6032	0.10335	0.0161	GCST90199704_build	BSC3	40.918
9	9	137		6416			0	52	8	578	GRCh38.tsv.gz	WE	87997
1684	1684	rs1047	2	21067	A	C	9.43E-9	0.3207	0.35892	0.0172	GCST90199705_build	B8ER	431.08
5	5	891		5783			6	77	1	869	GRCh38.tsv.gz	J2	55829

1723 0	1723 0	rs2297 442	9	65405 40	C	T	3.83E-0 8	0.2888 36	-0.0983 95	0.0178 947	GCST90199705_build GRCh38.tsv.gz	B8ER J2	30.234 11191
1729 8	1729 8	rs6077 4377	11	67614 755	C	T	1.32E-1 2	0.4222 12	0.11630 2	0.0163 996	GCST90199705_build GRCh38.tsv.gz	B8ER J2	50.293 03629
1732 0	1732 0	rs1047 891	2	21067 5783	A	C	6.90E-5 5	0.3232 9	0.29726 4	0.0190 512	GCST90199706_build GRCh38.tsv.gz	ID2rR Z	243.46 69203
1787 6	1787 6	rs2014 355	12	12073 7721	C	T	1.43E-2 02	0.2943 37	0.55792 2	0.0183 717	GCST90199706_build GRCh38.tsv.gz	ID2rR Z	922.24 91926
1846 6	1846 6	rs1077 4580	12	12103 8620	G	A	2.03E-0 8	0.6052 06	-0.1024 6	0.0182 646	GCST90199706_build GRCh38.tsv.gz	ID2rR Z	31.469 39344
1851 5	1851 5	rs6231 6592	4	13709 0518	C	A	4.17E-0 8	0.0310 025	0.24215	0.0441 591	GCST90199707_build GRCh38.tsv.gz	qU6A 1l	30.069 66015
1864 5	1864 5	rs2728 63	5	13234 7959	A	G	4.30E-2 1	0.6265 28	-0.1436 65	0.0152 431	GCST90199708_build GRCh38.tsv.gz	2KOm 62	88.829 11942
1876 6	1876 6	rs8025 4170	6	16009 3251	G	A	4.85E-0 8	0.0753 085	-0.1518 29	0.0278 247	GCST90199708_build GRCh38.tsv.gz	2KOm 62	29.774 77457
1877 3	1877 3	rs6621 38	6	16014 3444	G	C	3.56E-1 7	0.1752 08	-0.1642 79	0.0194 955	GCST90199708_build GRCh38.tsv.gz	2KOm 62	71.006 04856
1884 2	1884 2	rs1171 617	10	59707 424	T	G	5.24E-4 4	0.7690 99	0.24777 8	0.0178 083	GCST90199708_build GRCh38.tsv.gz	2KOm 62	193.58 8948
1887 5	1887 5	rs1494 13352	13	10047 8057	A	C	1.75E-2 1	0.0106 305	0.69016 6	0.0725 034	GCST90199708_build GRCh38.tsv.gz	2KOm 62	90.612 97205
1890 2	1890 2	rs1745 46	11	61802 358	T	C	2.78E-3 0	0.3391 56	-0.1828 52	0.0159 898	GCST90199709_build GRCh38.tsv.gz	FyibfT	130.77 15787
1908	1908	rs6189	11	61831	A	G	4.44E-3	0.2027	0.27921	0.0213	GCST90199710_build	M26al	171.01

0	0	7793		875			9	84	5	512	GRCh38.tsv.gz	l	44918
1919 0	1919 0	rs2328 895	6	25801 855	T	C	1.34E-1 1	0.5553 67	-0.1019 77	0.0150 763	GCST90199712_build GRCh38.tsv.gz	wdrJF y	45.752 50968
1925 0	1925 0	rs4246 215	11	61796 827	T	G	1.79E-2 0	0.3526 89	-0.1429 25	0.0154 109	GCST90199713_build GRCh38.tsv.gz	p2IBI L	86.012 26753
1939 7	1939 7	rs1082 0721	9	10475 1842	A	G	1.01E-1 0	0.2088 68	-0.1203 48	0.0186 145	GCST90199714_build GRCh38.tsv.gz	V7Kt HI	41.799 87704
1941 1	1941 1	rs1078 6187	10	95096 253	G	A	5.46E-1 7	0.5586 42	0.12948 8	0.0154 587	GCST90199714_build GRCh38.tsv.gz	V7Kt HI	70.163 80096
1987 6	1987 6	rs1126 742	1	46932 824	G	A	2.85E-9 7	0.1308 15	0.46696	0.0223 104	GCST90199716_build GRCh38.tsv.gz	pXMg wy	438.07 11442
2038 4	2038 4	rs1077 4021	12	24013 2	T	C	4.82E-1 25	0.6511 21	0.35932 8	0.0151 076	GCST90199717_build GRCh38.tsv.gz	lTg5R q	565.70 64951
2087 1	2087 1	rs1126 743	1	46930 301	A	G	7.81E-1 6	0.7945 52	0.15381 7	0.0190 909	GCST90199718_build GRCh38.tsv.gz	RVPY ma	64.916 6153
2107 0	2107 0	rs2012 674	1	15200 7294	G	C	1.47E-1 0	0.3058 4	-0.1073 69	0.0167 554	GCST90199718_build GRCh38.tsv.gz	RVPY ma	41.062 76751
2119 7	2119 7	rs1489 82377	7	99477 415	C	T	1.68E-9 1	0.0497 845	0.93206 1	0.0459 439	GCST90199719_build GRCh38.tsv.gz	FxCL hx	411.55 98086
2143 5	2143 5	rs1495 56176	1	74971 148	C	T	5.08E-1 3	0.0143 118	0.45633 9	0.0631 781	GCST90199720_build GRCh38.tsv.gz	qrkev E	52.172 54843
2190 3	2190 3	rs2185 152	1	75758 325	T	C	1.65E-1 39	0.3090 31	-0.3905 76	0.0155 337	GCST90199720_build GRCh38.tsv.gz	qrkev E	632.20 98819
2251 2	2251 2	rs1784 3929	4	15871 5961	T	C	1.47E-2 9	0.2646 88	-0.1906 54	0.0168 872	GCST90199720_build GRCh38.tsv.gz	qrkev E	127.46 07733

2259 1	2259 1	rs2062 541	16	16033 378	A	G	1.13E-1 2	0.6115 37	0.11161 3	0.0156 895	GCST90199720_build GRCh38.tsv.gz	qrkev E	50.607 08892
2261 6	2261 6	rs1745 35	11	61783 884	C	T	2.06E-1 5	0.3442 97	-0.1212 49	0.0152 747	GCST90199721_build GRCh38.tsv.gz	y90dX T	63.010 21366
2304 7	2304 7	rs2185 152	1	75758 325	T	C	3.10E-8 0	0.3083 99	-0.3002 68	0.0158 298	GCST90199722_build GRCh38.tsv.gz	UTSF 0K	359.80 50436
2347 8	2347 8	rs1784 3966	4	15870 8662	C	A	4.62E-2 8	0.2644 48	-0.1861 64	0.0169 504	GCST90199722_build GRCh38.tsv.gz	UTSF 0K	120.62 33821
2353 3	2353 3	rs2062 541	16	16033 378	A	G	4.89E-1 0	0.6111 6	0.09793 24	0.0157 383	GCST90199722_build GRCh38.tsv.gz	UTSF 0K	38.720 16119
2354 5	2354 5	rs6034 24	10	10031 5722	A	G	1.99E-0 9	0.1758 5	-0.1122 58	0.0187 15	GCST90199723_build GRCh38.tsv.gz	v3Yln 9	35.979 48462
2360 3	2360 3	rs4299 376	2	43845 437	T	G	1.76E-7 7	0.6636 83	-0.3708 39	0.0199 03	GCST90199725_build GRCh38.tsv.gz	7pZ5c s	347.16 3227
2378 0	2378 0	rs1481 64215	3	14948 0942	T	C	4.88E-0 8	0.0701 439	0.20557	0.0376 801	GCST90199725_build GRCh38.tsv.gz	7pZ5c s	29.764 27979
2378 6	2378 6	rs5324 36	9	13327 4414	G	A	7.69E-1 3	0.7981 3	-0.1714 53	0.0239 241	GCST90199725_build GRCh38.tsv.gz	7pZ5c s	51.359 28382
2379 6	2379 6	rs1047 891	2	21067 5783	A	C	3.35E-0 8	0.3087 34	-0.0868 764	0.0157 328	GCST90199726_build GRCh38.tsv.gz	yDJG TC	30.492 39864
2387 6	2387 6	rs7769 2382	1	39941 043	T	C	1.60E-1 8	0.2488 08	0.15569 1	0.0177 282	GCST90199727_build GRCh38.tsv.gz	pwr3K p	77.125 45357
2403 4	2403 4	rs1124 2109	5	13234 1354	T	G	9.66E-1 5	0.4766 54	-0.1147 89	0.0148 237	GCST90199730_build GRCh38.tsv.gz	7KnK 44	59.963 54644
2414	2414	rs5330	14	43193	G	A	2.36E-0	0.0018	-0.9499	0.1701	GCST90199731_build	g8vB	31.172

8	8	83404		083			8	7492	63	47	GRCh38.tsv.gz	KJ	00868
2424 0	2424 0	rs7769 2382	1	39941 043	T	C	9.13E-1 9	0.2490 81	0.15573	0.0176 06	GCST90199732_build GRCh38.tsv.gz	8JJK 62	78.238 9786
2425 0	2425 0	rs4046 73	5	31674 985	T	C	3.14E-0 8	0.0870 492	0.14870 2	0.0268 745	GCST90199732_build GRCh38.tsv.gz	8JJK 62	30.616 30908
2428 6	2428 6	rs1745 60	11	61814 292	C	T	2.06E-1 2	0.3079 97	-0.1154 38	0.0164 192	GCST90199732_build GRCh38.tsv.gz	8JJK 62	49.430 34046
2441 3	2441 3	rs1492 701	1	39956 146	G	C	2.48E-2 4	0.2523 31	0.17989	0.0176 741	GCST90199733_build GRCh38.tsv.gz	uuzS1 W	103.59 5151
2442 0	2442 0	rs6203 6205	16	78841 158	C	A	1.02E-0 8	0.0916 399	-0.1543 12	0.0269 427	GCST90199733_build GRCh38.tsv.gz	uuzS1 W	32.803 27233
2499 6	2499 6	rs6546 861	2	73622 734	T	C	8.05E-9 9	0.2369 13	0.38118 3	0.0180 66	GCST90199735_build GRCh38.tsv.gz	xxEY Fk	445.18 75758
2539 6	2539 6	rs1220 9125	6	25769 561	C	A	2.24E-0 9	0.4097 27	-0.0970 829	0.0162 367	GCST90199735_build GRCh38.tsv.gz	xxEY Fk	35.751 14445
2549 2	2549 2	rs7508 2775	7	10117 1479	C	G	7.03E-3 0	0.0489 496	0.41718 4	0.0367 413	GCST90199735_build GRCh38.tsv.gz	xxEY Fk	128.92 77045
2550 1	2550 1	rs3498 5488	7	10117 4620	G	A	3.00E-1 28	0.0654 796	-0.7516 07	0.0311 967	GCST90199735_build GRCh38.tsv.gz	xxEY Fk	580.44 93366
2558 3	2558 3	rs1080 2092	1	11939 2884	T	A	1.95E-3 1	0.5929 17	0.17487 2	0.0149 927	GCST90199736_build GRCh38.tsv.gz	Rrc54 F	136.04 44572
2566 7	2566 7	rs1001 8448	4	88304 019	G	A	2.48E-1 0	0.5300 35	0.09387 16	0.0148 331	GCST90199736_build GRCh38.tsv.gz	Rrc54 F	40.050 19098
2581 1	2581 1	rs3802 967	11	18322 517	C	T	4.35E-7 3	0.5394 67	-0.2587 66	0.0143 1	GCST90199736_build GRCh38.tsv.gz	Rrc54 F	326.99 05167

2594 6	2594 6	rs2393 791	12	12098 6153	T	C	2.37E-1 4	0.6184 61	-0.1161 79	0.0152 288	GCST90199736_build GRCh38.tsv.gz	Rrc54 F	58.200 1229
2599 5	2599 5	rs2518 814	22	18973 132	T	C	5.20E-1 0	0.0947 736	0.17531 7	0.0282 182	GCST90199737_build GRCh38.tsv.gz	RQfz CH	38.600 19036
2613 6	2613 6	rs4646 961	1	75751 484	A	G	5.12E-1 0	0.3080 61	0.09995 87	0.0160 826	GCST90199741_build GRCh38.tsv.gz	vfl6G 9	38.630 35309
2624 6	2624 6	rs1047 891	2	21067 5783	A	C	4.52E-2 16	0.3085 7	0.48432	0.0154 368	GCST90199741_build GRCh38.tsv.gz	vfl6G 9	984.35 16018
2693 2	2693 2	rs1992 855	3	12619 0826	C	T	2.04E-0 8	0.4248 55	0.08620 72	0.0153 71	GCST90199741_build GRCh38.tsv.gz	vfl6G 9	31.454 50346
2694 0	2694 0	rs2297 442	9	65405 40	C	T	6.48E-1 0	0.2909 09	-0.1011 78	0.0163 767	GCST90199741_build GRCh38.tsv.gz	vfl6G 9	38.169 7569
2702 0	2702 0	rs7769 2382	1	39941 043	T	C	5.09E-1 7	0.2488 39	0.14826 9	0.0176 834	GCST90199742_build GRCh38.tsv.gz	lf2rPN	70.302 24201
2704 5	2704 5	rs1745 46	11	61802 358	T	C	9.63E-1 6	0.3393 7	0.12883 1	0.0160 407	GCST90199742_build GRCh38.tsv.gz	lf2rPN	64.505 11036
2715 6	2715 6	rs6178 1291	1	39936 166	A	T	2.32E-1 1	0.2531 3	0.11803 7	0.0176 593	GCST90199743_build GRCh38.tsv.gz	Ze5Sy u	44.677 55078
2718 6	2718 6	rs6832 951	4	82635 553	G	A	2.76E-0 8	0.1891 56	0.10879 3	0.0195 805	GCST90199743_build GRCh38.tsv.gz	Ze5Sy u	30.871 25963
2743 0	2743 0	rs3888 91	5	13236 5102	G	C	2.36E-1 7	0.7051 11	-0.1409 81	0.0166 357	GCST90199743_build GRCh38.tsv.gz	Ze5Sy u	71.818 94376
2753 7	2753 7	rs1221 0538	6	11043 8805	G	A	8.68E-3 1	0.2395 29	-0.2035 19	0.0176 42	GCST90199743_build GRCh38.tsv.gz	Ze5Sy u	133.08 04573
2755	2755	rs8076	22	19173	T	C	4.51E-0	0.6244	-0.0875	0.0149	GCST90199745_build	3FSH	34.391

9	9	66		036			9	83	948	367	GRCh38.tsv.gz	m6	20033
2760 5	2760 5	rs7384 0299	3	53243 047	T	C	7.40E-2 3	0.1231 48	-0.2079 94	0.0211 326	GCST90199746_build GRCh38.tsv.gz	fxndes	96.871 43844
2766 3	2766 3	rs1263 3047	3	53359 817	T	C	2.02E-1 2	0.0693 003	0.19179 6	0.0272 697	GCST90199746_build GRCh38.tsv.gz	fxndes	49.467 31869
2770 1	2770 1	rs1002 9860	4	76489 948	A	C	3.43E-0 8	0.5251 38	0.07713 29	0.0139 792	GCST90199746_build GRCh38.tsv.gz	fxndes	30.444 90921
2770 2	2770 2	rs1077 697	14	90676 435	T	C	3.50E-0 8	0.2903 73	0.08602 67	0.0156 007	GCST90199746_build GRCh38.tsv.gz	fxndes	30.407 33482
2805 2	2805 2	rs2739 00	5	13235 8913	A	G	1.89E-3 2	0.6198 35	-0.1799 27	0.0151 695	GCST90199747_build GRCh38.tsv.gz	VWw BBM	140.68 57613
2819 1	2819 1	rs1171 616	10	59708 831	T	G	2.26E-0 8	0.7698 46	0.10066 4	0.0180 052	GCST90199747_build GRCh38.tsv.gz	VWw BBM	31.257 37244
2821 2	2821 2	rs3470 8625	12	12074 2216	C	T	8.76E-1 0	0.2648 06	0.10318 5	0.0168 317	GCST90199747_build GRCh38.tsv.gz	VWw BBM	37.581 76506
2829 6	2829 6	rs2289 329	15	40412 960	C	T	2.93E-2 9	0.3839 07	-0.1702 44	0.0151 609	GCST90199747_build GRCh38.tsv.gz	VWw BBM	126.09 37797
2835 9	2835 9	rs5330 83404	14	43193 083	G	A	1.71E-0 8	0.0018 8061	-0.9564 74	0.1696 04	GCST90199748_build GRCh38.tsv.gz	zqoLr 3	31.803 44433
2836 1	2836 1	rs1260 326	2	27508 073	C	T	1.80E-1 1	0.5877 98	0.10639 6	0.0158 301	GCST90199749_build GRCh38.tsv.gz	oESN Fu	45.173 4526
2841 2	2841 2	rs1784 3966	4	15870 8662	C	A	4.84E-0 8	0.2642 37	-0.0922 59	0.0169 066	GCST90199750_build GRCh38.tsv.gz	QzYN jM	29.778 64488
2844 5	2844 5	rs9241 35	16	16029 602	T	A	6.67E-1 0	0.6115 46	0.09515 8	0.0154 135	GCST90199750_build GRCh38.tsv.gz	QzYN jM	38.114 31138

2846 2	2846 2	rs5622 5736	3	19624 2315	A	G	5.39E-1 0	0.1372 23	0.13016 8	0.0209 7	GCST90199752_build GRCh38.tsv.gz	kKOR Jc	38.531 11736
2847 7	2847 7	rs9691 14	4	68472 593	G	A	1.38E-1 0	0.4087 62	0.09581 39	0.0149 277	GCST90199752_build GRCh38.tsv.gz	kKOR Jc	41.197 53572
2867 0	2867 0	rs1489 82377	7	99477 415	C	T	4.20E-2 70	0.0331 943	-1.3223 8	0.0376 602	GCST90199752_build GRCh38.tsv.gz	kKOR Jc	1232.9 55211
2895 5	2895 5	rs1172 09214	7	10039 6354	A	G	1.09E-1 3	0.0075 9339	-0.6191 88	0.0833 405	GCST90199752_build GRCh38.tsv.gz	kKOR Jc	55.199 20955
2906 7	2906 7	rs1939 768	11	63147 237	G	T	3.58E-0 9	0.9406 29	-0.1824 58	0.0309 108	GCST90199752_build GRCh38.tsv.gz	kKOR Jc	34.842 18078
2912 5	2912 5	rs1045 7236	6	11122 8992	A	G	2.34E-0 8	0.1500 96	0.12295 4	0.0220 161	GCST90199753_build GRCh38.tsv.gz	7ywN hz	31.189 22229
2912 9	2912 9	rs6004 193	22	24598 329	C	T	5.43E-1 3	0.3661 34	-0.1184 86	0.0164 246	GCST90199753_build GRCh38.tsv.gz	7ywN hz	52.040 86099
2917 5	2917 5	rs6569 661	6	13018 5619	G	A	3.53E-0 8	0.7270 36	-0.0991 221	0.0179 795	GCST90199754_build GRCh38.tsv.gz	z3BM mg	30.393 8537
2917 9	2917 9	rs1214 8513	15	74929 884	T	C	5.46E-1 0	0.3603 33	0.10261 6	0.0165 371	GCST90199754_build GRCh38.tsv.gz	z3BM mg	38.504 49734
2918 5	2918 5	rs7487 383	12	71331 609	A	G	2.82E-0 8	0.6865 17	-0.1056 69	0.0190 313	GCST90199755_build GRCh38.tsv.gz	DIQs AS	30.828 91812
2927 1	2927 1	rs2608 631	6	52761 471	A	G	1.72E-1 4	0.6485 82	0.13158 9	0.0171 556	GCST90199757_build GRCh38.tsv.gz	4b0N0 6	58.833 86095
2942 9	2942 9	rs7900 208	10	13355 3286	C	T	1.93E-0 8	0.0264 365	0.28394 4	0.0505 405	GCST90199757_build GRCh38.tsv.gz	4b0N0 6	31.563 58495
2943	2943	rs9467	6	25824	T	C	3.67E-0	0.2474	0.10096	0.0183	GCST90199758_build	4zOeE	30.318

4	4	618		581			8	39	1	359	GRCh38.tsv.gz	Y	15881
2943	2943	rs1143	6	44235	G	C	7.71E-0	0.0462	-0.2178	0.0377	GCST90199758_build	4zOeE	33.347
8	8	24563		214			9	42	57	257	GRCh38.tsv.gz	Y	8949
2944	2944	rs1816	10	11762	T	C	5.65E-1	0.5381	-0.1412	0.0158	GCST90199758_build	4zOeE	79.186
7	7	71		8395			9	12	46	727	GRCh38.tsv.gz	Y	41824
2947	2947	rs1179	15	84895	C	T	4.04E-1	0.0116	-0.5070	0.0731	GCST90199758_build	4zOeE	48.105
1	1	58023		338			2	781	65	082	GRCh38.tsv.gz	Y	53917
2947	2947	rs2242	15	84935	T	C	1.28E-0	0.0150	-0.3676	0.0646	GCST90199758_build	4zOeE	32.354
7	7	047		465			8	984	06	272	GRCh38.tsv.gz	Y	48578
2948	2948	rs7582	15	84942	C	G	2.92E-1	0.0345	-0.2699	0.0428	GCST90199758_build	4zOeE	39.726
3	3	5317		114			0	293	61	314	GRCh38.tsv.gz	Y	24496
2949	2949	rs7275	15	84957	G	T	1.13E-3	0.0629	-0.4121	0.0321	GCST90199758_build	4zOeE	164.58
5	5	4973		775			7	385	89	294	GRCh38.tsv.gz	Y	39816
2953	2953	rs7584	17	19717	G	A	4.27E-1	0.2663	-0.1170	0.0177	GCST90199758_build	4zOeE	43.486
8	8	27		164			1	65	44	49	GRCh38.tsv.gz	Y	1072
2954	2954	rs2117	1	75640	C	T	1.27E-0	0.7112	0.12978	0.0228	GCST90199759_build	ymJp	32.373
1	1	18		990			8	95	6	104	GRCh38.tsv.gz	C3	51777
2972	2972	rs1505	16	20470	T	A	1.39E-1	0.2599	-0.2069	0.0235	GCST90199759_build	ymJp	77.407
5	5	100		350			8	36	69	241	GRCh38.tsv.gz	C3	77224
3010	3010	rs1495	8	18415	A	G	3.70E-9	0.7736	-0.3836	0.0183	GCST90199760_build	QNi95	437.55
2	2	741		371			7	99	31	4	GRCh38.tsv.gz	j	10447
3018	3018	rs2472	15	74735	T	C	1.87E-1	0.2505	0.12147	0.0180	GCST90199760_build	QNi95	45.106
6	6	297		539			1	32	6	871	GRCh38.tsv.gz	j	91095
3018	3018	rs1171	10	59709	T	C	6.35E-1	0.7704	0.10909	0.0176	GCST90199761_build	j3Rpq	38.211
9	9	615		332			0	01		477	GRCh38.tsv.gz	w	46237

3023 1	3023 1	rs6515 78	6	25873 655	C	T	9.52E-1 1	0.2397 7	0.10805 8	0.0166 901	GCST90199762_build GRCh38.tsv.gz	eALd GH	41.917 55787
3046 1	3046 1	rs2106 727	7	17248 374	G	A	1.23E-1 0	0.6285 15	0.10558	0.0164 071	GCST90199763_build GRCh38.tsv.gz	lHo7z 5	41.409 46935
3079 5	3079 5	rs3557 0672	8	18415 125	C	T	9.77E-8 8	0.7770 38	0.36773	0.0185 198	GCST90199763_build GRCh38.tsv.gz	lHo7z 5	394.26 25612
3090 3	3090 3	rs2472 297	15	74735 539	T	C	1.53E-1 6	0.2500 94	0.14893 3	0.0180 443	GCST90199763_build GRCh38.tsv.gz	lHo7z 5	68.124 25996
3094 0	3094 0	rs6704 782	2	73539 327	T	A	2.68E-0 8	0.2305 77	-0.0931 593	0.0167 526	GCST90199764_build GRCh38.tsv.gz	8J7Jgs	30.923 4539
3097 8	3097 8	rs1440 98166	4	55192 91	G	A	3.13E-0 8	0.0104 044	0.40151 7	0.0725 569	GCST90199766_build GRCh38.tsv.gz	XtLU QQ	30.623 19058
3097 9	3097 9	rs7792 4615	16	20381 010	A	G	9.47E-1 0	0.1904 7	-0.1161 07	0.0189 775	GCST90199766_build GRCh38.tsv.gz	XtLU QQ	37.431 63587
3098 8	3098 8	rs1002 9860	4	76489 948	A	C	1.34E-0 8	0.5250 4	0.08277 34	0.0145 693	GCST90199767_build GRCh38.tsv.gz	AgW YEF	32.277 82162
3100 9	3100 9	rs1179 58023	15	84895 338	C	T	8.25E-1 1	0.0122 726	-0.4316 55	0.0664 494	GCST90199767_build GRCh38.tsv.gz	AgW YEF	42.197 95688
3101 7	3101 7	rs2242 047	15	84935 465	T	C	6.78E-0 9	0.0155 45	-0.3419 09	0.0589 871	GCST90199767_build GRCh38.tsv.gz	AgW YEF	33.597 50095
3102 8	3102 8	rs5599 0066	15	84955 430	C	T	5.04E-2 1	0.0628 68	-0.2823 15	0.0300 068	GCST90199767_build GRCh38.tsv.gz	AgW YEF	88.517 37782
3105 9	3105 9	rs4284 207	1	46918 357	C	T	8.28E-1 0	0.7958 39	0.12440 6	0.0202 631	GCST90199769_build GRCh38.tsv.gz	kEpJf 2	37.693 88295
3115	3115	rs1745	11	61820	G	A	5.43E-6	0.3373	-0.2706	0.0160	GCST90199770_build	CFwN	285.23

8	8	64		833			4	95	12	231	GRCh38.tsv.gz	Md	38184
3132 7	3132 7	rs1121 5670	11	11573 3516	T	C	3.81E-0 8	0.0372 577	0.22107 7	0.0402 002	GCST90199770_build GRCh38.tsv.gz	CFwN Md	30.243 40586
3141 6	3141 6	rs5575 4655	2	20066 1607	G	A	4.02E-1 3	0.1364 52	-0.1570 24	0.0216 44	GCST90199771_build GRCh38.tsv.gz	pOQe mi	52.632 86635
3151 7	3151 7	rs7769 2382	1	39941 043	T	C	5.77E-2 6	0.2492 06	0.18375 1	0.0174 37	GCST90199772_build GRCh38.tsv.gz	otq9N q	111.04 93159
3153 1	3153 1	rs7800 93	2	27519 736	C	T	3.85E-0 9	0.5974 46	-0.0905 397	0.0153 703	GCST90199772_build GRCh38.tsv.gz	otq9N q	34.698 71676
3153 7	3153 7	rs1745 60	11	61814 292	C	T	1.52E-0 8	0.3080 28	-0.0922 747	0.0163 052	GCST90199772_build GRCh38.tsv.gz	otq9N q	32.026 76133
3154 2	3154 2	rs1390 97404	15	43641 743	C	T	7.03E-1 0	0.0265 712	0.28924 1	0.0469 129	GCST90199772_build GRCh38.tsv.gz	otq9N q	38.013 26278
3159 0	3159 0	rs3585 3021	15	58388 444	T	G	1.38E-4 0	0.3496 97	0.20921 1	0.0156 847	GCST90199772_build GRCh38.tsv.gz	otq9N q	177.91 66522
3166 1	3166 1	rs6336 95	15	58433 640	G	A	1.41E-2 3	0.2846 66	0.16951	0.0169 379	GCST90199772_build GRCh38.tsv.gz	otq9N q	100.15 47425
3169 0	3169 0	rs4388 11	19	44913 484	T	C	1.36E-1 0	0.2232 65	0.11602 8	0.0180 73	GCST90199772_build GRCh38.tsv.gz	otq9N q	41.215 9311
3193 2	3193 2	rs2631 367	5	13236 9766	G	C	1.89E-1 5	0.5228 07	0.11988	0.0150 827	GCST90199774_build GRCh38.tsv.gz	gz2qr9	63.173 55004
3202 5	3202 5	rs1221 0538	6	11043 8805	G	A	3.74E-3 2	0.2384 76	-0.2063 73	0.0174 839	GCST90199774_build GRCh38.tsv.gz	gz2qr9	139.32 50242
3207 0	3207 0	rs4049 869	22	24618 473	C	A	1.19E-0 9	0.3151 4	-0.1021 28	0.0167 94	GCST90199775_build GRCh38.tsv.gz	a2TH AE	36.981 2304

3212 0	3212 0	rs6178 1291	1	39936 166	A	T	2.61E-1 0	0.2523 28	0.11083 6	0.0175 366	GCST90199777_build GRCh38.tsv.gz	d5Exu M	39.945 77908
3213 1	3213 1	rs1260 326	2	27508 073	C	T	1.05E-0 8	0.5873 54	-0.0883 864	0.0154 441	GCST90199777_build GRCh38.tsv.gz	d5Exu M	32.752 59241
3213 5	3213 5	rs6034 24	10	10031 5722	A	G	2.27E-1 9	0.1757 91	-0.1785 08	0.0198 358	GCST90199777_build GRCh38.tsv.gz	d5Exu M	80.987 11472
3217 1	3217 1	rs4149 067	12	21200 977	G	C	3.07E-1 0	0.1917 58	0.12034 6	0.0191 167	GCST90199777_build GRCh38.tsv.gz	d5Exu M	39.631 22261
3224 0	3224 0	rs5962 1444	2	13497 8078	C	T	4.80E-0 9	0.2007 85	-0.1122 93	0.0191 818	GCST90199778_build GRCh38.tsv.gz	jDvejl	34.270 99014
3226 4	3226 4	rs7833 4557	3	78621 924	G	A	3.33E-0 8	0.0300 41	0.25801 1	0.0467 158	GCST90199779_build GRCh38.tsv.gz	lQlgb9	30.503 44307
3226 5	3226 5	rs1438 37154	5	14885 4273	T	G	7.92E-0 9	0.0062 4115	-0.5859 69	0.1015 53	GCST90199779_build GRCh38.tsv.gz	lQlgb9	33.293 83068
3226 6	3226 6	rs1183 9149	13	49329 198	G	C	4.36E-0 8	0.1396 4	-0.1270 39	0.0232 012	GCST90199779_build GRCh38.tsv.gz	lQlgb9	29.981 49173
3226 9	3226 9	rs7278 3089	10	48463 526	T	C	3.01E-0 8	0.1051 14	-0.1558 21	0.0281 216	GCST90199780_build GRCh38.tsv.gz	Y93D 3W	30.702 37142
3229 8	3229 8	rs4149 056	12	21178 615	C	T	9.76E-2 4	0.1615 44	0.22964 3	0.0228 637	GCST90199780_build GRCh38.tsv.gz	Y93D 3W	100.88 19335
3249 9	3249 9	rs1532 085	15	58391 167	G	A	1.87E-1 0	0.6207 3	-0.1121 61	0.0176 033	GCST90199780_build GRCh38.tsv.gz	Y93D 3W	40.597 15171
3256 9	3256 9	rs7513 363	1	75677 758	G	A	3.38E-5 0	0.3125 42	-0.2807 78	0.0188 464	GCST90199781_build GRCh38.tsv.gz	Hramy r	221.95 72542
3300	3300	rs1047	2	21067	A	C	9.34E-6	0.3333	0.32561	0.0188	GCST90199781_build	Hramy	297.92

3	3	891		5783			7	61	8	65	GRCh38.tsv.gz	r	24219
3329 2	3329 2	rs1909 71563	17	74403 426	G	A	3.15E-1 1	0.0220 379	0.40836 9	0.0615 057	GCST90199781_build GRCh38.tsv.gz	Hramy r	44.083 37151
3329 5	3329 5	rs715	2	21067 8331	C	T	3.73E-2 7	0.3067 27	-0.1508 22	0.0139 745	GCST90199782_build GRCh38.tsv.gz	JckWh g	116.48 14679
3342 0	3342 0	rs1727 9437	3	45772 602	A	G	2.80E-2 9	0.0990 947	0.23895 5	0.0212 722	GCST90199782_build GRCh38.tsv.gz	JckWh g	126.18 49121
3342 8	3342 8	rs1467 67775	5	15131 3145	T	G	4.81E-1 7	0.0118 372	-0.4972 56	0.0592 585	GCST90199782_build GRCh38.tsv.gz	JckWh g	70.413 95787
3344 5	3344 5	rs1077 4021	12	24013 2	T	C	1.11E-2 7	0.6517 64	0.14753 2	0.0135 304	GCST90199782_build GRCh38.tsv.gz	JckWh g	118.89 16045
3353 9	3353 9	rs2467 862	15	45351 645	G	T	1.91E-0 9	0.3646 03	-0.0805 078	0.0134 064	GCST90199782_build GRCh38.tsv.gz	JckWh g	36.062 14638
3359 2	3359 2	rs7804 178	7	48082 596	C	A	2.68E-2 1	0.4281 95	0.14430 3	0.0152 307	GCST90199783_build GRCh38.tsv.gz	pfThE T	89.765 81788
3365 1	3365 1	rs5577 00	15	47790 829	C	T	4.42E-0 8	0.7058 23	0.09262 37	0.0169 232	GCST90199783_build GRCh38.tsv.gz	pfThE T	29.955 68652
3374 8	3374 8	rs1318 05	22	50525 724	C	T	1.58E-2 40	0.7739 49	-0.5726 14	0.0172 896	GCST90199783_build GRCh38.tsv.gz	pfThE T	1096.8 67156
3408 1	3408 1	rs9241 38	16	16032 907	C	T	8.79E-1 0	0.6100 03	0.10180 6	0.0166 081	GCST90199784_build GRCh38.tsv.gz	LpDq vy	37.575 67978
3413 4	3413 4	rs3859 862	22	24601 103	G	A	5.27E-6 9	0.3536 78	-0.2899 61	0.0165 156	GCST90199784_build GRCh38.tsv.gz	LpDq vy	308.24 10432
3418 1	3418 1	rs1047 891	2	21067 5783	A	C	2.03E-3 4	0.3135 51	0.21940 8	0.0179 333	GCST90199785_build GRCh38.tsv.gz	uYq0 Gm	149.68 71398

3437 8	3437 8	rs1002 2462	4	88322 666	T	C	4.57E-0 8	0.4506 55	0.09251 83	0.0169 223	GCST90199785_build GRCh38.tsv.gz	uYq0 Gm	29.890 72908
3440 3	3440 3	rs1080 2092	1	11939 2884	T	A	1.19E-1 7	0.5933 72	0.12604 1	0.0147 352	GCST90199786_build GRCh38.tsv.gz	MeQb Ri	73.166 38713
3451 9	3451 9	rs3802 967	11	18322 517	C	T	2.09E-1 8	0.5388 56	-0.1245 44	0.0142 3	GCST90199786_build GRCh38.tsv.gz	MeQb Ri	76.601 24348
3495 9	3495 9	rs2516 788	5	13237 9873	C	G	4.40E-3 4	0.3717 05	0.18754 4	0.0154 083	GCST90199787_build GRCh38.tsv.gz	TFIN ME	148.14 8377
3506 7	3506 7	rs7482 3953	5	15130 0049	T	C	2.19E-1 0	0.0122 841	-0.4325 14	0.0681 367	GCST90199787_build GRCh38.tsv.gz	TFIN ME	40.293 79266
3508 9	3508 9	rs2954 021	8	12546 9835	G	A	6.67E-0 9	0.5096 83	-0.0891 919	0.0153 807	GCST90199788_build GRCh38.tsv.gz	H63va Q	33.627 81336
3528 1	3528 1	rs1745 67	11	61825 533	G	A	1.61E-3 04	0.3448 3	-0.5596 15	0.0149 535	GCST90199788_build GRCh38.tsv.gz	H63va Q	1400.5 3183
3559 7	3559 7	rs1219 550	11	75742 832	C	T	1.25E-0 8	0.1627 27	-0.1173 72	0.0206 163	GCST90199788_build GRCh38.tsv.gz	H63va Q	32.412 12905
3563 8	3563 8	rs4500 751	16	15046 354	T	C	3.34E-1 3	0.3105 31	-0.1197 95	0.0164 555	GCST90199788_build GRCh38.tsv.gz	H63va Q	52.997 4798
3565 2	3565 2	rs5854 2926	19	19268 740	T	C	4.93E-0 8	0.0754 694	-0.1595 7	0.0292 592	GCST90199788_build GRCh38.tsv.gz	H63va Q	29.742 50854
3572 2	3572 2	rs6178 1291	1	39936 166	A	T	3.15E-1 3	0.2528 72	0.13023 3	0.0178 697	GCST90199789_build GRCh38.tsv.gz	jUhIA S	53.113 82358
3573 2	3573 2	rs6034 24	10	10031 5722	A	G	6.17E-1 1	0.1717 51	-0.1464 35	0.0223 924	GCST90199790_build GRCh38.tsv.gz	7u650 8	42.765 00196
3579	3579	rs1745	11	61814	C	T	1.25E-1	0.3073	-0.3849	0.0161	GCST90199791_build	lfDrS6	568.40

8	8	60		292			25	01	49	464	GRCh38.tsv.gz		11883
3632 3	3632 3	rs1151 9272	12	21209 458	A	C	1.12E-4 0	0.1660 81	0.27160 2	0.0203 388	GCST90199791_build GRCh38.tsv.gz	lfDrS6	178.32 62495
3647 8	3647 8	rs1077 0795	12	21293 298	G	A	3.37E-0 8	0.1353 4	-0.1233 56	0.0223 434	GCST90199791_build GRCh38.tsv.gz	lfDrS6	30.480 4964
3653 5	3653 5	rs1532 085	15	58391 167	G	A	5.46E-1 1	0.6233 95	-0.1043 14	0.0159 064	GCST90199791_build GRCh38.tsv.gz	lfDrS6	43.007 22283
3662 7	3662 7	rs7515 857	1	39952 958	T	G	3.83E-1 7	0.2518 26	0.14780 5	0.0175 583	GCST90199792_build GRCh38.tsv.gz	iUw3 Em	70.861 98625
3663 4	3663 4	rs1260 326	2	27508 073	C	T	2.13E-0 8	0.5876 83	-0.0869 21	0.0155 185	GCST90199792_build GRCh38.tsv.gz	iUw3 Em	31.372 55917
3664 7	3664 7	rs1231 8075	12	21208 653	G	T	1.72E-0 9	0.1656 98	0.12244 9	0.0203 319	GCST90199792_build GRCh38.tsv.gz	iUw3 Em	36.270 5846
3669 0	3669 0	rs1905 43502	15	43464 986	C	T	4.60E-1 0	0.0267 619	0.29477 8	0.0472 984	GCST90199792_build GRCh38.tsv.gz	iUw3 Em	38.841 61117
3671 1	3671 1	rs2612 91	15	58387 979	C	T	5.72E-3 2	0.3440 43	0.18816 7	0.0159 901	GCST90199792_build GRCh38.tsv.gz	iUw3 Em	138.47 92052
3679 7	3679 7	rs1291 4626	15	58446 224	T	C	2.90E-1 7	0.6971 07	-0.1413 97	0.0167 325	GCST90199792_build GRCh38.tsv.gz	iUw3 Em	71.409 94902
3685 7	3685 7	rs7769 2382	1	39941 043	T	C	7.25E-1 3	0.2491 77	0.12807 7	0.0178 513	GCST90199793_build GRCh38.tsv.gz	JVJO YF	51.475 73964
3690 8	3690 8	rs1745 46	11	61802 358	T	C	2.88E-7 0	0.3394 58	0.28307	0.0159 736	GCST90199793_build GRCh38.tsv.gz	JVJO YF	314.03 79112
3711 9	3711 9	rs7306 9021	12	21247 021	A	G	1.23E-1 0	0.1646 27	0.13262 2	0.0206 069	GCST90199793_build GRCh38.tsv.gz	JVJO YF	41.419 59221

3716 0	3716 0	rs1492 701	1	39956 146	G	C	1.40E-1 1	0.2525	0.11986 6	0.0177 373	GCST90199794_build GRCh38.tsv.gz	CMR GMk	45.668 52687
3717 1	3717 1	rs6440 123	3	14294 0519	G	A	4.91E-0 9	0.3544 59	0.09344 71	0.0159 729	GCST90199794_build GRCh38.tsv.gz	CMR GMk	34.226 62771
3719 0	3719 0	rs3585 3021	15	58388 444	T	G	3.12E-0 9	0.3495 71	0.09543 71	0.0161 066	GCST90199794_build GRCh38.tsv.gz	CMR GMk	35.109 66792
3720 2	3720 2	rs1768 6579	4	14940 8424	C	A	4.26E-0 8	0.2891 75	-0.0974 666	0.0177 866	GCST90199796_build GRCh38.tsv.gz	Dapee Q	30.027 95499
3724 4	3724 4	rs1745 70	11	61829 740	T	C	2.53E-1 2	0.1310 23	-0.1621 84	0.0231 642	GCST90199796_build GRCh38.tsv.gz	Dapee Q	49.020 91381
3728 6	3728 6	rs6195 5537	13	20522 945	A	T	3.22E-0 9	0.2033 66	-0.1070 23	0.0180 785	GCST90199797_build GRCh38.tsv.gz	LCEL He	35.045 27354
3731 6	3731 6	rs2776 037	21	14945 612	C	T	4.16E-0 9	0.5787 66	0.08700 92	0.0148 034	GCST90199797_build GRCh38.tsv.gz	LCEL He	34.546 76634
3731 8	3731 8	rs1047 891	2	21067 5783	A	C	1.84E-3 8	0.3155 07	0.22627 2	0.0174 476	GCST90199798_build GRCh38.tsv.gz	JVdT Bd	168.18 61538
3754 7	3754 7	rs1440 581	4	88305 270	C	T	6.44E-0 9	0.5302 52	0.09407 44	0.0162 061	GCST90199798_build GRCh38.tsv.gz	JVdT Bd	33.696 5847
3755 9	3755 9	rs1089 6190	11	67638 652	C	T	2.13E-0 8	0.5619 66	-0.0925 512	0.0165 244	GCST90199798_build GRCh38.tsv.gz	JVdT Bd	31.369 86933
3756 4	3756 4	rs7111 570	11	13427 1204	T	C	3.91E-1 5	0.0286 1	0.38081 3	0.0484 631	GCST90199798_build GRCh38.tsv.gz	JVdT Bd	61.744 90826
3758 9	3758 9	rs1134 688	1	53216 027	G	T	6.09E-4 4	0.2281 01	-0.2477 42	0.0178 196	GCST90199799_build GRCh38.tsv.gz	vCSW L5	193.28 73253
3762	3762	rs1047	2	21067	A	C	4.43E-1	0.3092	-0.1021	0.0163	GCST90199799_build	vCSW	38.915

3	3	891		5783			0	05	11	686	GRCh38.tsv.gz	L5	44373
3765 0	3765 0	rs5593 6281	4	15872 7444	T	C	2.12E-1 4	0.2653 45	-0.1302 68	0.0170 435	GCST90199799_build GRCh38.tsv.gz	vCSW L5	58.419 5115
3770 3	3770 3	rs7471 7771	5	36241 853	C	T	9.06E-1 1	0.4096 74	-0.0983 186	0.0151 683	GCST90199799_build GRCh38.tsv.gz	vCSW L5	42.014 34066
3773 7	3773 7	rs2405 528	5	13245 8606	A	G	1.32E-0 9	0.1996 6	0.11398 9	0.0187 933	GCST90199799_build GRCh38.tsv.gz	vCSW L5	36.789 15344
3791 8	3791 8	rs4873 310	8	49077 447	T	A	4.32E-4 8	0.5384 76	-0.2186 95	0.0150 094	GCST90199799_build GRCh38.tsv.gz	vCSW L5	212.30 05134
3807 2	3807 2	rs1243 1901	14	10029 6166	T	G	3.01E-0 8	0.3099 56	0.09074 31	0.0163 776	GCST90199799_build GRCh38.tsv.gz	vCSW L5	30.699 17494
3813 0	3813 0	rs7818 5702	15	76317 894	T	C	1.28E-1 4	0.0869 38	0.20569 5	0.0266 881	GCST90199799_build GRCh38.tsv.gz	vCSW L5	59.403 51691
3820 3	3820 3	rs2062 541	16	16033 378	A	G	1.48E-1 3	0.6112 29	0.11639 6	0.0157 52	GCST90199799_build GRCh38.tsv.gz	vCSW L5	54.601 51656
3828 7	3828 7	rs8056 893	16	68270 489	A	C	5.51E-4 8	0.7265 41	-0.2433 74	0.0167 221	GCST90199799_build GRCh38.tsv.gz	vCSW L5	211.81 98849
3859 6	3859 6	rs8012	19	12899 706	G	A	6.65E-9 6	0.5489 97	-0.3086 57	0.0148 54	GCST90199799_build GRCh38.tsv.gz	vCSW L5	431.78 28835
3870 8	3870 8	rs7678 928	4	88301 675	T	C	1.82E-1 5	0.4606 19	-0.1235 1	0.0155 3	GCST90199800_build GRCh38.tsv.gz	KSqy GY	63.250 11682
3896 2	3896 2	rs6443 851	3	18310 1261	G	A	6.89E-5 7	0.6755 91	-0.2565 58	0.0161 41	GCST90199802_build GRCh38.tsv.gz	RWnlj I	252.64 47324
3925 1	3925 1	rs6356 20	5	13238 4571	G	A	1.51E-1 5	0.2934 37	0.13225 2	0.0165 809	GCST90199802_build GRCh38.tsv.gz	RWnlj I	63.619 21364

3927 1	3927 1	rs1171 617	10	59707 424	T	G	1.86E-1 0	0.7690 98	0.11697 3	0.0183 559	GCST90199802_build GRCh38.tsv.gz	RWnlj I	40.608 77517
3927 5	3927 5	rs1435 50070	21	16457 169	G	T	3.47E-0 8	0.0140 74	-0.3661 59	0.0663 833	GCST90199803_build GRCh38.tsv.gz	KtVe1 a	30.424 38098
3927 6	3927 6	rs4127 2687	2	21881 4154	T	C	6.85E-1 0	0.0217 576	-0.3214 06	0.0520 967	GCST90199804_build GRCh38.tsv.gz	ZsxKF 1	38.061 64297
3933 9	3933 9	rs4738 684	8	58480 714	G	A	8.57E-1 2	0.6618 93	0.11109 4	0.0162 687	GCST90199804_build GRCh38.tsv.gz	ZsxKF 1	46.631 08351
3938 9	3938 9	rs1025 5591	7	76117 091	C	T	1.79E-0 9	0.2047 2	0.11283 4	0.0187 56	GCST90199805_build GRCh38.tsv.gz	5WM dtN	36.190 91143
3945 9	3945 9	rs1104 5806	12	21161 802	A	G	4.29E-0 8	0.1868 31	-0.1064 17	0.0194 251	GCST90199805_build GRCh38.tsv.gz	5WM dtN	30.012 03863
3949 0	3949 0	rs4149 056	12	21178 615	C	T	2.02E-2 6	0.1555 5	0.22096 6	0.0207 748	GCST90199805_build GRCh38.tsv.gz	5WM dtN	113.12 98484
3986 0	3986 0	rs5574 4319	19	15871 011	A	G	1.62E-2 2	0.2969 5	-0.1616 83	0.0165 605	GCST90199805_build GRCh38.tsv.gz	5WM dtN	95.319 51582
4013 0	4013 0	rs1240 6866	1	46916 299	T	G	4.98E-1 7	0.7921 38	0.15564 3	0.0185 571	GCST90199806_build GRCh38.tsv.gz	B2Vf Oa	70.345 92914
4023 4	4023 4	rs3574 6477	3	14309 0720	G	C	1.07E-0 8	0.2371 2	-0.1010 52	0.0176 699	GCST90199806_build GRCh38.tsv.gz	B2Vf Oa	32.705 56404
4107 4	4107 4	rs4762 697	12	21162 039	T	A	2.04E-2 6	0.7139 67	0.17661 5	0.0166 062	GCST90199806_build GRCh38.tsv.gz	B2Vf Oa	113.11 35527
4111 6	4111 6	rs4149 056	12	21178 615	C	T	3.02E-1 44	0.1550 05	0.50632 4	0.0197 989	GCST90199806_build GRCh38.tsv.gz	B2Vf Oa	653.99 57153
4163	4163	rs1240	1	46916	T	G	6.68E-0	0.7924	0.10760	0.0185	GCST90199807_build	Sb5yJ	33.626

0	0	6866		299			9	01	3	56	GRCh38.tsv.gz	O	37344
4167 0	4167 0	rs3574 6477	3	14309 0720	G	C	1.97E-0 9	0.2368 64	-0.1057 5	0.0176 234	GCST90199807_build GRCh38.tsv.gz	Sb5yJ O	36.006 53706
4260 5	4260 5	rs1104 5806	12	21161 802	A	G	1.22E-3 3	0.1865 2	-0.2283 34	0.0188 888	GCST90199807_build GRCh38.tsv.gz	Sb5yJ O	146.12 76611
4264 9	4264 9	rs4149 056	12	21178 615	C	T	5.33E-1 51	0.1549 74	0.51582 2	0.0197 078	GCST90199807_build GRCh38.tsv.gz	Sb5yJ O	685.05 18279
4318 9	4318 9	rs7940 0241	19	15873 592	G	C	2.39E-0 9	0.2958 9	-0.0967 905	0.0162 165	GCST90199807_build GRCh38.tsv.gz	Sb5yJ O	35.624 69984
4319 9	4319 9	rs7769 2382	1	39941 043	T	C	1.68E-0 8	0.2494 48	0.10074 6	0.0178 567	GCST90199808_build GRCh38.tsv.gz	chWT vQ	31.831 21524
4320 6	4320 6	rs8138 467	22	24061 633	A	G	6.13E-1 7	0.0541 428	-0.2820 6	0.0337 281	GCST90199808_build GRCh38.tsv.gz	chWT vQ	69.935 75206
4329 1	4329 1	rs5774 3625	12	21214 699	A	G	3.09E-1 2	0.1654 12	0.14456 6	0.0207 299	GCST90199809_build GRCh38.tsv.gz	oPrF9 m	48.633 76761
4336 4	4336 4	rs5597 1546	13	10306 5958	T	C	3.85E-2 8	0.0473 314	0.40157 3	0.0365 092	GCST90199809_build GRCh38.tsv.gz	oPrF9 m	120.98 30076
4337 0	4337 0	rs1143 42012	19	55296 57	C	G	2.65E-0 8	0.0039 5762	-0.6690 46	0.1202 7	GCST90199810_build GRCh38.tsv.gz	B9hG MV	30.945 48796
4340 3	4340 3	rs4149 056	12	21178 615	C	T	3.69E-2 6	0.1557 98	0.22242 7	0.0210 234	GCST90199811_build GRCh38.tsv.gz	YJNN UK	111.93 58243
4360 5	4360 5	rs5597 1546	13	10306 5958	T	C	6.93E-2 7	0.0474	0.39001 3	0.0363 292	GCST90199811_build GRCh38.tsv.gz	YJNN UK	115.25 14764
4366 1	4366 1	rs1171 615	10	59709 332	T	C	2.70E-1 7	0.7705 4	0.14234 9	0.0168 286	GCST90199813_build GRCh38.tsv.gz	PQnN w0	71.550 53173

4367 0	4367 0	rs1724 3908	11	27095 194	C	A	8.72E-1 5	0.0394 32	0.27697 5	0.0357 078	GCST90199813_build GRCh38.tsv.gz	PQnN w0	60.166 52859
4381 6	4381 6	rs2072 536	12	20427 3	T	C	6.82E-1 0	0.4068 37	0.08880 67	0.0143 927	GCST90199813_build GRCh38.tsv.gz	PQnN w0	38.072 10752
4384 5	4384 5	rs1077 4021	12	24013 2	T	C	3.29E-1 35	0.6515 63	0.35126 3	0.0141 938	GCST90199813_build GRCh38.tsv.gz	PQnN w0	612.44 5502
4420 7	4420 7	rs2255 531	12	12097 7112	A	G	7.66E-1 0	0.3478 87	0.08995 65	0.0146 227	GCST90199813_build GRCh38.tsv.gz	PQnN w0	37.845 12633
4421 5	4421 5	rs1047 891	2	21067 5783	A	C	1.99E-0 8	0.3101 7	-0.0868 644	0.0154 761	GCST90199815_build GRCh38.tsv.gz	rIqum Y	31.503 62968
4424 1	4424 1	rs9657 360	8	14359 4692	T	C	1.01E-1 5	0.7953 71	0.14072 3	0.0175 331	GCST90199815_build GRCh38.tsv.gz	rIqum Y	64.418 8178
4426 4	4426 4	rs7094 385	10	12091 253	G	A	2.14E-2 0	0.2164 5	0.15904 8	0.0171 846	GCST90199815_build GRCh38.tsv.gz	rIqum Y	85.659 90122
4431 9	4431 9	rs1161 3331	12	24230 1	A	G	7.68E-2 5	0.5443 02	0.14820 3	0.0144 003	GCST90199815_build GRCh38.tsv.gz	rIqum Y	105.91 82777
4436 7	4436 7	rs6741 7370	21	41098 598	G	A	2.79E-0 8	0.2641 96	-0.0900 475	0.0162 12	GCST90199815_build GRCh38.tsv.gz	rIqum Y	30.851 0628
4454 9	4454 9	rs2719 004	8	66467 907	A	G	5.97E-3 4	0.4760 67	-0.1773 11	0.0145 974	GCST90199816_build GRCh38.tsv.gz	GzQ Wjy	147.54 35881
4471 9	4471 9	rs7554 832	1	15196 6109	A	T	6.81E-2 0	0.3494 23	0.16466 3	0.0180 343	GCST90199817_build GRCh38.tsv.gz	xUnk9 K	83.366 86446
4476 0	4476 0	rs6789 480	3	12667 8768	T	C	3.33E-0 8	0.0363 547	0.25514 5	0.0461 974	GCST90199817_build GRCh38.tsv.gz	xUnk9 K	30.502 75426
4488	4488	rs2271	16	20471	T	G	1.56E-3	0.3039	0.21774	0.0186	GCST90199817_build	xUnk9	136.49

0	0	060		301			1	17	8	381	GRCh38.tsv.gz	K	13327
4519 3	4519 3	rs7653 0968	16	20854 542	A	G	1.15E-0 9	0.0619 281	0.21647	0.0355 632	GCST90199817_build GRCh38.tsv.gz	xUnk9 K	37.050 47413
4520 8	4520 8	rs1149 88449	2	21155 4744	A	G	4.52E-0 8	0.0414 94	-0.2125 98	0.0388 704	GCST90199819_build GRCh38.tsv.gz	yPVrk 5	29.914 40228
4587 7	4587 7	rs2706 11	5	13225 6377	A	C	6.11E-0 9	0.0277 539	-0.2758 69	0.0474 52	GCST90199819_build GRCh38.tsv.gz	yPVrk 5	33.798 44796
4596 0	4596 0	rs7705 826	5	13239 6764	G	T	2.80E-4 2	0.8345 18	0.27949 6	0.0205 119	GCST90199819_build GRCh38.tsv.gz	yPVrk 5	185.66 90061
4606 6	4606 6	rs1400 09120	16	73890 707	A	C	1.46E-0 8	0.0082 0375	-0.4825 43	0.0851 653	GCST90199819_build GRCh38.tsv.gz	yPVrk 5	32.103 07835
4608 4	4608 4	rs6189 7793	11	61831 875	A	G	3.31E-1 4	0.1809 27	0.14737 1	0.0194 276	GCST90199820_build GRCh38.tsv.gz	Hj2xG B	57.542 10627
4610 1	4610 1	rs4122 352	16	15080 714	A	G	1.03E-0 9	0.2953 93	0.10082 4	0.0165 17	GCST90199820_build GRCh38.tsv.gz	Hj2xG B	37.261 94401
4612 2	4612 2	rs1745 47	11	61803 311	C	T	1.93E-2 5	0.3396 08	0.16549 2	0.0158 762	GCST90199821_build GRCh38.tsv.gz	RMq7 v9	108.65 77947
4623 7	4623 7	rs4149 067	12	21200 977	G	C	7.15E-1 5	0.1919 57	0.14809 9	0.0190 316	GCST90199821_build GRCh38.tsv.gz	RMq7 v9	60.555 5077
4630 7	4630 7	rs1166 8882	19	54171 328	T	C	2.40E-2 2	0.5631 42	-0.1501 51	0.0154 422	GCST90199821_build GRCh38.tsv.gz	RMq7 v9	94.544 90113
4631 8	4631 8	rs1269 5769	3	14293 4808	G	T	2.36E-1 0	0.4109 09	0.09850 36	0.0155 472	GCST90199822_build GRCh38.tsv.gz	EA3ip m	40.142 07657
4637 8	4637 8	rs1745 99	11	61854 084	C	G	8.71E-1 0	0.3745 43	0.09758 04	0.0159 146	GCST90199822_build GRCh38.tsv.gz	EA3ip m	37.595 31544

4638 3	4638 3	rs4806 498	19	54171 009	C	T	1.62E-0 9	0.5748 08	-0.0941 953	0.0156 171	GCST90199822_build GRCh38.tsv.gz	EA3ip m	36.379 58034
4639 0	4639 0	rs1425 68661	18	42205 67	C	T	4.42E-0 8	0.0046 62	0.65790 2	0.1202 07	GCST90199823_build GRCh38.tsv.gz	o59Ey H	29.954 55665
4639 1	4639 1	rs7823 7766	1	23612 0971	A	G	1.81E-0 8	0.0500 915	-0.1985 56	0.0352 717	GCST90199824_build GRCh38.tsv.gz	ssS6N N	31.689 34381
4661 1	4661 1	rs1389 4	17	76265 84	A	G	4.46E-1 07	0.0734 24	-0.6192 73	0.0281 742	GCST90199826_build GRCh38.tsv.gz	nsvwl 8	483.12 67723
4671 7	4671 7	rs1050 541	17	76575 17	G	T	1.56E-1 7	0.5440 61	0.13559 1	0.0159 095	GCST90199826_build GRCh38.tsv.gz	nsvwl 8	72.635 4557
4678 3	4678 3	rs1221 2049	6	25758 838	T	G	4.30E-1 2	0.4121 85	-0.1098 71	0.0158 617	GCST90199827_build GRCh38.tsv.gz	kPfF0 E	47.980 71234
4716 1	4716 1	rs7579 4524	10	94934 834	A	G	1.39E-1 1	0.0646 964	0.21450 6	0.0317 371	GCST90199827_build GRCh38.tsv.gz	kPfF0 E	45.681 92625
4725 4	4725 4	rs1488 04382	3	52078 217	A	C	4.33E-1 2	0.0107 169	0.48972 5	0.0707 077	GCST90199828_build GRCh38.tsv.gz	ScKr Mt	47.970 15575
4727 5	4727 5	rs1314 6163	4	76490 938	T	G	1.25E-0 9	0.5241 37	0.08768 34	0.0144 351	GCST90199828_build GRCh38.tsv.gz	ScKr Mt	36.897 34946
4728 4	4728 4	rs3799 346	6	25791 126	T	C	5.00E-0 8	0.2531 72	0.09726 45	0.0178 419	GCST90199830_build GRCh38.tsv.gz	OM4u 7i	29.718 47469
4731 7	4731 7	rs1269 5769	3	14293 4808	G	T	8.38E-1 3	0.4102 82	0.11159 6	0.0155 975	GCST90199831_build GRCh38.tsv.gz	xst0A T	51.190 25204
4736 1	4736 1	rs1745 41	11	61798 436	C	T	6.77E-1 0	0.3530 66	0.09937 69	0.0161 029	GCST90199831_build GRCh38.tsv.gz	xst0A T	38.085 76631
4740	4740	rs9641	11	11677	C	G	5.26E-1	0.8690	-0.1962	0.0226	GCST90199831_build	xst0A	74.780

7	7	84		8201			8	27	87	985	GRCh38.tsv.gz	T	56775
4747 8	4747 8	rs2414 577	15	58388 439	C	T	6.71E-4 7	0.3761 73	0.22709 2	0.0157 9	GCST90199831_build GRCh38.tsv.gz	xst0A T	206.84 23248
4757 1	4757 1	rs2070 895	15	58431 740	A	G	5.64E-3 7	0.2158 48	0.23743	0.0186 899	GCST90199831_build GRCh38.tsv.gz	xst0A T	161.38 27938
4760 3	4760 3	rs4394 01	19	44911 194	C	T	2.72E-0 9	0.6224 59	0.09508 02	0.0159 868	GCST90199831_build GRCh38.tsv.gz	xst0A T	35.371 7942
4770 1	4770 1	rs1116 1609	1	85397 053	T	G	4.96E-1 1	0.5665 56	-0.0981 957	0.0149 412	GCST90199832_build GRCh38.tsv.gz	DyOL ui	43.193 06098
4780 6	4780 6	rs3737 0	5	35039 381	T	C	4.55E-2 3	0.9020 93	-0.2442 51	0.0246 942	GCST90199832_build GRCh38.tsv.gz	DyOL ui	97.832 41596
4816 3	4816 3	rs7777 3255	1	75751 508	A	G	1.17E-7 0	0.3064 81	-0.2850 23	0.0160 379	GCST90199833_build GRCh38.tsv.gz	Hdm Wsl	315.83 83131
4891 6	4891 6	rs2817 188	6	25807 375	G	A	2.36E-1 00	0.5587 44	0.31757 9	0.0149 34	GCST90199833_build GRCh38.tsv.gz	Hdm Wsl	452.22 15558
4909 1	4909 1	rs3799 367	6	25877 274	C	A	2.45E-1 0	0.3430 76	0.10110 2	0.0159 71	GCST90199833_build GRCh38.tsv.gz	Hdm Wsl	40.073 31539
4983 3	4983 3	rs4841 133	8	93261 54	G	A	6.55E-1 0	0.9085 53	0.16299	0.0263 883	GCST90199833_build GRCh38.tsv.gz	Hdm Wsl	38.150 39983
4988 1	4988 1	rs7520 0713	3	18409 9766	C	T	3.40E-0 8	0.0580 369	-0.1930 24	0.0349 726	GCST90199834_build GRCh38.tsv.gz	uAYL in	30.462 5869
4988 5	4988 5	rs1133 42678	20	43699 246	G	A	2.78E-0 8	0.2699 04	0.10555 8	0.0190 04	GCST90199834_build GRCh38.tsv.gz	uAYL in	30.852 6351
4989 0	4989 0	rs1128 81196	2	31757 742	G	C	8.40E-1 2	0.0348 851	-0.2447 66	0.0358 291	GCST90199835_build GRCh38.tsv.gz	GDao ok	46.669 20286

4990 9	4990 9	rs2342 307	3	19621 5616	G	A	9.55E-0 9	0.6193 02	-0.0782 025	0.0136 277	GCST90199835_build GRCh38.tsv.gz	GDao ok	32.930 33471
5002 2	5002 2	rs1489 82377	7	99477 415	C	T	4.30E-7 9	0.0334 638	-0.6715 49	0.0356 641	GCST90199835_build GRCh38.tsv.gz	GDao ok	354.56 25611
5014 2	5014 2	rs1871 395	12	21199 381	G	A	2.18E-1 9	0.1572 11	0.16101 5	0.0178 832	GCST90199835_build GRCh38.tsv.gz	GDao ok	81.066 64607
5024 5	5024 5	rs2121 00	19	47873 738	C	T	3.93E-1 4	0.8388 98	0.13516 7	0.0178 712	GCST90199835_build GRCh38.tsv.gz	GDao ok	57.204 99071
5027 9	5027 9	rs1165 22067	5	56626 273	T	A	2.15E-0 8	0.0148 287	0.35757 5	0.0638 554	GCST90199836_build GRCh38.tsv.gz	NNzP LD	31.357 32702
5028 7	5028 7	rs1128 81196	2	31757 742	G	C	1.86E-0 9	0.0348 608	-0.2525 63	0.0420 272	GCST90199838_build GRCh38.tsv.gz	OPwSf U	36.114 24514
5040 5	5040 5	rs6861 226	5	35975 464	G	A	2.54E-3 5	0.1468 3	0.26690 1	0.0215 2	GCST90199838_build GRCh38.tsv.gz	OPwSf U	153.82 10841
5044 1	5044 1	rs4149 056	12	21178 615	C	T	2.65E-1 8	0.1558 35	0.18296 1	0.0209 686	GCST90199838_build GRCh38.tsv.gz	OPwSf U	76.133 91807
5061 6	5061 6	rs2121 00	19	47873 738	C	T	1.71E-4 0	0.8385 31	0.27721 1	0.0208 072	GCST90199838_build GRCh38.tsv.gz	OPwSf U	177.49 80702
5067 5	5067 5	rs1047 891	2	21067 5783	A	C	5.25E-0 9	0.3097 64	-0.0976 808	0.0167 285	GCST90199839_build GRCh38.tsv.gz	Xoewf i	34.096 07709
5070 3	5070 3	rs4738 684	8	58480 714	G	A	2.33E-1 1	0.6617 57	-0.1090 01	0.0163 091	GCST90199839_build GRCh38.tsv.gz	Xoewf i	44.668 45932
5072 2	5072 2	rs7283 8105	10	99802 867	T	A	2.38E-1 0	0.0516 823	-0.2208 66	0.0348 672	GCST90199839_build GRCh38.tsv.gz	Xoewf i	40.125 78909
5078	5078	rs1573	11	11037	T	C	2.69E-1	0.3154	0.12786	0.0167	GCST90199839_build	Xoewf	57.945

5	5	558		7073			4	14	7	976	GRCh38.tsv.gz	i	86915
5174 6	5174 6	rs5774 3625	12	21214 699	A	G	9.71E-9 9	0.1658 16	0.42381	0.0200 948	GCST90199839_build GRCh38.tsv.gz	Xoewf i	444.81 0493
5189 0	5189 0	rs4149 006	12	21268 836	T	G	4.48E-2 1	0.1425 5	-0.2058 16	0.0218 47	GCST90199839_build GRCh38.tsv.gz	Xoewf i	88.751 28497
5205 2	5205 2	rs5597 1546	13	10306 5958	T	C	2.41E-1 5	0.0474 63	0.28768 3	0.0363 314	GCST90199839_build GRCh38.tsv.gz	Xoewf i	62.699 50775
5205 4	5205 4	rs6740 315	2	17665 5378	C	T	3.69E-0 8	0.6597 66	-0.0793 46	0.0144 127	GCST90199840_build GRCh38.tsv.gz	GO7Q Oj	30.308 1468
5213 5	5213 5	rs1049 1431	5	35967 898	A	C	4.61E-3 1	0.1479 82	0.22027 1	0.0190 047	GCST90199840_build GRCh38.tsv.gz	GO7Q Oj	134.33 60611
5235 1	5235 1	rs7806 596	7	64579 087	A	G	9.72E-1 7	0.4336 93	-0.1146 57	0.0138 005	GCST90199840_build GRCh38.tsv.gz	GO7Q Oj	69.025 80905
5244 4	5244 4	rs3740 065	10	99845 936	G	A	2.23E-1 3	0.1053 59	-0.1622 5	0.0221 228	GCST90199840_build GRCh38.tsv.gz	GO7Q Oj	53.788 47416
5251 2	5251 2	rs4149 056	12	21178 615	C	T	1.77E-1 9	0.1558 02	0.16789 8	0.0186	GCST90199840_build GRCh38.tsv.gz	GO7Q Oj	81.482 65234
5279 4	5279 4	rs2121 00	19	47873 738	C	T	2.58E-1 79	0.8393 78	0.50903 5	0.0178 277	GCST90199840_build GRCh38.tsv.gz	GO7Q Oj	815.27 59933
5292 1	5292 1	rs1047 891	2	21067 5783	A	C	2.61E-0 8	0.3096 05	0.09225 83	0.0165 756	GCST90199841_build GRCh38.tsv.gz	jbjpem	30.979 35561
5305 1	5305 1	rs1123 44408	10	99840 980	A	C	1.17E-4 9	0.0591 019	-0.4749 9	0.0320 607	GCST90199841_build GRCh38.tsv.gz	jbjpem	219.49 41411
5321 4	5321 4	rs1890 17081	10	10012 6891	C	T	1.36E-1 0	0.0169 306	0.38314 6	0.0596 738	GCST90199841_build GRCh38.tsv.gz	jbjpem	41.225 05114

5322 4	5322 4	rs5105 47	11	63372 563	T	C	1.84E-0 9	0.6862 91	-0.0988 197	0.0164 38	GCST90199841_build GRCh38.tsv.gz	jbjpem	36.140 08003
5324 7	5324 7	rs2724 417	11	11037 6121	A	T	1.09E-2 8	0.3169 07	0.18328 6	0.0164 934	GCST90199841_build GRCh38.tsv.gz	jbjpem	123.49 18235
5442 9	5442 9	rs4762 697	12	21162 039	T	A	6.92E-4 3	0.7151 03	0.23221 7	0.0169 158	GCST90199841_build GRCh38.tsv.gz	jbjpem	188.45 29485
5447 4	5447 4	rs4149 056	12	21178 615	C	T	4.21E-2 09	0.1560 72	0.61184 7	0.0198 27	GCST90199841_build GRCh38.tsv.gz	jbjpem	952.29 53347
5507 3	5507 3	rs5597 1546	13	10306 5958	T	C	5.87E-0 9	0.0473 965	0.21005 3	0.0360 898	GCST90199841_build GRCh38.tsv.gz	jbjpem	33.875 74277
5507 6	5507 6	rs1489 82377	7	99477 415	C	T	1.45E-1 6	0.0342 85	-0.3156 33	0.0382 084	GCST90199842_build GRCh38.tsv.gz	4E1ud u	68.241 27036
5508 7	5508 7	rs1871 395	12	21199 381	G	A	1.70E-0 9	0.1569 33	0.11523 6	0.0191 288	GCST90199842_build GRCh38.tsv.gz	4E1ud u	36.291 16391
5529 2	5529 2	rs2121 00	19	47873 738	C	T	1.01E-1 00	0.8392 31	0.39770 8	0.0186 671	GCST90199842_build GRCh38.tsv.gz	4E1ud u	453.91 543
5550 7	5550 7	rs1745 64	11	61820 833	G	A	4.34E-1 65	0.3439 43	0.42389 5	0.0154 801	GCST90199844_build GRCh38.tsv.gz	BskaB H	749.84 07945
5575 3	5575 3	rs6951 12	11	75745 535	T	A	6.68E-1 1	0.1624 2	0.13478 2	0.0206 478	GCST90199844_build GRCh38.tsv.gz	BskaB H	42.610 46006
5578 0	5578 0	rs1185 4242	15	58279 711	T	C	3.65E-1 0	0.2786 39	-0.1079 13	0.0172 158	GCST90199844_build GRCh38.tsv.gz	BskaB H	39.291 00296
5584 4	5584 4	rs2612 90	15	58386 521	C	T	1.39E-9 7	0.6568 62	-0.3384 97	0.0161 465	GCST90199844_build GRCh38.tsv.gz	BskaB H	439.49 39026
5597	5597	rs6336	15	58433	G	A	4.21E-4	0.2854	0.24634	0.0170	GCST90199844_build	BskaB	207.77

2	2	95		640			7	63		9	GRCh38.tsv.gz	H	13917
5603	5603	rs1292	16	15056	A	C	2.76E-0	0.2908	-0.1000	0.0168	GCST90199844_build	BskaB	35.349
2	2	8099		648			9	01	53	282	GRCh38.tsv.gz	H	63228
5604	5604	rs1244	17	76423	T	C	1.49E-1	0.4615	0.10391	0.0153	GCST90199845_build	mK8E	45.547
1	1	9930		251			1	15	7	977	GRCh38.tsv.gz	aB	18001
5604	5604	rs3581	4	47543	A	C	8.97E-3	0.1767	0.24178	0.0196	GCST90199846_build	mHuv	151.31
9	9	8294		124			5	37	4	559	GRCh38.tsv.gz	Oh	05634
5635	5635	rs1172	4	48036	A	G	3.20E-1	0.3690	0.10235	0.0154	GCST90199846_build	mHuv	44.050
8	8	2463		699			1	49		21	GRCh38.tsv.gz	Oh	47742
5640	5640	rs1081	9	35734	T	C	5.60E-2	0.4259	0.13807	0.0150	GCST90199846_build	mHuv	83.756
5	5	4274		959			0	39	8	874	GRCh38.tsv.gz	Oh	81738
5643	5643	rs1045	9	11193	C	A	2.61E-0	0.5831	0.08475	0.0152	GCST90199846_build	mHuv	30.974
7	7	989		4208			8	7	98	296	GRCh38.tsv.gz	Oh	39645
5644	5644	rs1871	19	82189	A	C	2.00E-1	0.5379	0.11536	0.0156	GCST90199846_build	mHuv	54.008
7	7	194		35			3	67	4	978	GRCh38.tsv.gz	Oh	61353
5646	5646	rs2074	19	18906	C	T	2.39E-1	0.6459	-0.1098	0.0156	GCST90199846_build	mHuv	49.132
7	7	798		763			2	99	68	742	GRCh38.tsv.gz	Oh	81755
5652	5652	rs9467	6	25824	T	C	4.97E-1	0.2465	0.12943	0.0179	GCST90199847_build	lMq4	52.216
1	1	618		581			3	38		115	GRCh38.tsv.gz	MC	2871
5664	5664	rs1780	3	67365	C	T	4.24E-2	0.1223	0.24944	0.0226	GCST90199848_build	vPz5lx	120.79
7	7	6888		898			8	79	2	957	GRCh38.tsv.gz		58449
5666	5666	rs2282	6	16007	T	C	5.65E-1	0.1328	-0.1445	0.0220	GCST90199848_build	vPz5lx	42.937
4	4	140		3489			1	59	03	526	GRCh38.tsv.gz		24021
5674	5674	rs3814	9	12911	A	G	5.61E-3	0.7107	0.21167	0.0164	GCST90199848_build	vPz5lx	165.97
1	1	492		0943			8	81	1	302	GRCh38.tsv.gz		28391

5687 2	5687 2	rs7499 1768	13	47961 693	T	C	3.51E-0 8	0.1242 53	-0.1243 51	0.0225 523	GCST90199848_build GRCh38.tsv.gz	vPz5lx	30.403 03112
5710 7	5710 7	rs4775 623	15	63116 121	A	G	2.61E-1 21	0.5122 12	-0.3395 43	0.0144 974	GCST90199848_build GRCh38.tsv.gz	vPz5lx	548.54 12849
5752 6	5752 6	rs2062 541	16	16033 378	A	G	1.53E-1 4	0.6114 04	0.12063 3	0.0156 965	GCST90199848_build GRCh38.tsv.gz	vPz5lx	59.064 51035
5766 6	5766 6	rs1117 90575	1	46920 877	G	A	4.03E-1 8	0.8753 91	0.19312 4	0.0222 545	GCST90199849_build GRCh38.tsv.gz	RfUE My	75.307 25428
5787 8	5787 8	rs1165 195	6	25814 852	G	T	1.28E-2 8	0.5555 15	-0.1620 63	0.0146 024	GCST90199849_build GRCh38.tsv.gz	RfUE My	123.17 40628
5821 4	5821 4	rs1392 30314	11	80628 808	A	G	3.42E-0 8	0.0132 826	-0.3539 62	0.0641 429	GCST90199849_build GRCh38.tsv.gz	RfUE My	30.452 01944
5857 5	5857 5	rs1236 9881	12	21238 418	A	G	2.70E-2 7	0.1664 2	0.20969 1	0.0193 762	GCST90199849_build GRCh38.tsv.gz	RfUE My	117.11 7654
5868 9	5868 9	rs1104 5962	12	21308 602	T	A	8.49E-1 4	0.1455 22	-0.1532 15	0.0205 312	GCST90199849_build GRCh38.tsv.gz	RfUE My	55.689 57504
5870 4	5870 4	rs9509 847	13	21744 175	A	C	8.68E-0 9	0.3587 72	-0.0882 74	0.0153 392	GCST90199849_build GRCh38.tsv.gz	RfUE My	33.117 70191
5872 7	5872 7	rs2061 679	16	81540 371	T	C	1.95E-0 9	0.0691 805	0.17217 4	0.0286 869	GCST90199849_build GRCh38.tsv.gz	RfUE My	36.022 00644
5879 2	5879 2	rs2121 00	19	47873 738	C	T	1.09E-1 5	0.8382 81	0.15931 2	0.0198 734	GCST90199849_build GRCh38.tsv.gz	RfUE My	64.261 76237
5894 4	5894 4	rs6231 7882	4	68489 991	C	T	1.58E-4 9	0.6158 95	-0.2705 11	0.0182 842	GCST90199850_build GRCh38.tsv.gz	uI7Nz 8	218.88 59741
5897	5897	rs2603	4	68501	C	T	1.04E-1	0.6796	0.16295	0.0190	GCST90199850_build	uI7Nz	73.429

9	9	152		356			7	8	1	161	GRCh38.tsv.gz	8	59872
5899 9	5899 9	rs1820 74319	5	22900 591	T	C	4.67E-1 0	0.0066 6667	-0.6763 14	0.1085 64	GCST90199850_build GRCh38.tsv.gz	uI7Nz 8	38.808 34143
5902 0	5902 0	rs9461 218	6	25818 527	A	G	3.76E-1 1	0.2422 51	0.13765 3	0.0208 152	GCST90199850_build GRCh38.tsv.gz	uI7Nz 8	43.733 09217
5906 7	5906 7	rs1489 82377	7	99477 415	C	T	7.70E-3 0	0.0203 304	-0.6979 93	0.0615 151	GCST90199850_build GRCh38.tsv.gz	uI7Nz 8	128.74 74588
5926 7	5926 7	rs7070 862	10	51979 95	T	A	1.35E-1 8	0.1388 74	-0.2289 38	0.0260 104	GCST90199850_build GRCh38.tsv.gz	uI7Nz 8	77.471 454
5942 8	5942 8	rs1209 6570	1	26526 216	C	T	3.92E-0 8	0.2512 66	0.08698 56	0.0158 319	GCST90199851_build GRCh38.tsv.gz	WSDr xd	30.187 60445
5947 2	5947 2	rs1165 195	6	25814 852	G	T	4.23E-1 1	0.5551 42	-0.0909 328	0.0137 866	GCST90199851_build GRCh38.tsv.gz	WSDr xd	43.503 75832
5960 6	5960 6	rs7482 7952	10	52032 33	A	G	1.34E-1 1	0.1482 8	-0.1313 23	0.0194 131	GCST90199851_build GRCh38.tsv.gz	WSDr xd	45.760 61025
5988 9	5988 9	rs1236 9881	12	21238 418	A	G	1.93E-3 0	0.1664 63	0.20851 9	0.0181 843	GCST90199851_build GRCh38.tsv.gz	WSDr xd	131.49 16248
5995 2	5995 2	rs1489 82377	7	99477 415	C	T	6.79E-1 5	0.0302 966	-0.3612 28	0.0463 807	GCST90199852_build GRCh38.tsv.gz	Kfb4i X	60.658 01795
6017 5	6017 5	rs1512 27875	10	52553 58	G	C	5.21E-1 1	0.1477 37	-0.1494 63	0.0227 676	GCST90199852_build GRCh38.tsv.gz	Kfb4i X	43.095 59535
6029 3	6029 3	rs1042 6201	19	47881 492	A	G	3.26E-1 6	0.8354 48	0.17663 9	0.0216 381	GCST90199852_build GRCh38.tsv.gz	Kfb4i X	66.639 99376
6032 6	6032 6	rs6214 2079	2	31953 683	T	C	2.48E-1 1	0.4433	0.10506 9	0.0157 424	GCST90199853_build GRCh38.tsv.gz	HvIPp e	44.545 85625

6067 0	6067 0	rs1049 1431	5	35967 898	A	C	1.79E-1 29	0.1500 26	0.51147 2	0.0211 274	GCST90199853_build GRCh38.tsv.gz	HvIPp e	586.07 287
6082 4	6082 4	rs1489 82377	7	99477 415	C	T	3.14E-1 2	0.0336 861	-0.3003 74	0.0430 871	GCST90199853_build GRCh38.tsv.gz	HvIPp e	48.599 31485
6085 0	6085 0	rs7769 7233	10	52041 62	T	C	1.36E-0 8	0.1480 88	-0.1256 89	0.0221 361	GCST90199853_build GRCh38.tsv.gz	HvIPp e	32.239 79902
6093 5	6093 5	rs4149 056	12	21178 615	C	T	1.41E-1 4	0.1583 83	0.16337 7	0.0212 315	GCST90199853_build GRCh38.tsv.gz	HvIPp e	59.213 46536
6099 1	6099 1	rs6214 2079	2	31953 683	T	C	6.34E-1 0	0.4427 85	0.09638 33	0.0155 915	GCST90199854_build GRCh38.tsv.gz	S7JEa r	38.214 46513
6099 8	6099 8	rs2594 950	2	17664 3894	C	G	4.52E-0 9	0.3394 16	0.09663 25	0.0164 788	GCST90199854_build GRCh38.tsv.gz	S7JEa r	34.387 07732
6107 2	6107 2	rs1265 9258	5	35970 113	A	G	1.56E-3 8	0.1447 11	0.28318 4	0.0218 143	GCST90199854_build GRCh38.tsv.gz	S7JEa r	168.52 13234
6111 5	6111 5	rs7821 4423	13	67278 594	A	G	1.91E-0 8	0.0112 913	0.41131 8	0.0731 941	GCST90199854_build GRCh38.tsv.gz	S7JEa r	31.579 35684
6118 1	6118 1	rs2547 233	19	47880 769	G	A	5.41E-1 5	0.8337 32	-0.1629 59	0.0208 47	GCST90199854_build GRCh38.tsv.gz	S7JEa r	61.103 98988
6121 4	6121 4	rs1128 81196	2	31757 742	G	C	4.13E-1 2	0.0333 192	-0.3002 98	0.0433 173	GCST90199855_build GRCh38.tsv.gz	6QrZl d	48.059 818
6123 2	6123 2	rs5622 5736	3	19624 2315	A	G	1.47E-0 8	0.1403 55	0.12619 4	0.0222 763	GCST90199855_build GRCh38.tsv.gz	6QrZl d	32.091 59458
6123 4	6123 4	rs2123 886	4	68463 169	C	A	1.48E-0 9	0.2921 3	-0.1069 38	0.0176 857	GCST90199855_build GRCh38.tsv.gz	6QrZl d	36.561 12976
6132	6132	rs1489	7	99477	C	T	1.96E-9	0.0207	-1.0908	0.0529	GCST90199855_build	6QrZl	425.02

3	3	82377		415			4	949	8	14	GRCh38.tsv.gz	d	33334
6153 5	6153 5	rs2278 921	4	68496 583	G	T	1.03E-3 9	0.6382 5	-0.1905 91	0.0144 52	GCST90199856_build GRCh38.tsv.gz	vgHat 6	173.91 97377
6154 6	6154 6	rs2603 152	4	68501 356	C	T	6.44E-1 3	0.6676 05	0.10300 4	0.0143 246	GCST90199856_build GRCh38.tsv.gz	vgHat 6	51.706 26566
6167 6	6167 6	rs1489 82377	7	99477 415	C	T	5.27E-1 16	0.0331 823	-0.8398 92	0.0366 854	GCST90199856_build GRCh38.tsv.gz	vgHat 6	524.15 57709
6183 9	6183 9	rs2954 021	8	12546 9835	G	A	4.00E-0 8	0.5094 04	-0.0747 337	0.0136 104	GCST90199856_build GRCh38.tsv.gz	vgHat 6	30.150 26896
6216 2	6216 2	rs1825 66136	10	95080 278	T	C	1.75E-2 4	0.1205 18	-0.2133 33	0.0208 908	GCST90199856_build GRCh38.tsv.gz	vgHat 6	104.28 11805
6231 7	6231 7	rs4149 056	12	21178 615	C	T	2.37E-2 2	0.1566 89	0.17917 5	0.0184 253	GCST90199856_build GRCh38.tsv.gz	vgHat 6	94.563 96874
6256 5	6256 5	rs2121 00	19	47873 738	C	T	7.87E-7 5	0.8388 83	0.33245 4	0.0181 641	GCST90199856_build GRCh38.tsv.gz	vgHat 6	334.99 27106
6266 3	6266 3	rs7641 134	3	13388 9504	A	G	3.87E-0 8	0.0818 427	-0.2162 11	0.0393 345	GCST90199857_build GRCh38.tsv.gz	BdZG mA	30.214 00543
6272 6	6272 6	rs1049 1431	5	35967 898	A	C	1.33E-3 7	0.1887 51	0.34549 6	0.0269 58	GCST90199857_build GRCh38.tsv.gz	BdZG mA	164.25 20163
6279 3	6279 3	rs2121 00	19	47873 738	C	T	3.07E-1 0	0.8728 48	0.20548	0.0326 396	GCST90199857_build GRCh38.tsv.gz	BdZG mA	39.632 31659
6283 0	6283 0	rs1128 81196	2	31757 742	G	C	3.74E-1 5	0.0344 918	-0.3318 12	0.0421 98	GCST90199858_build GRCh38.tsv.gz	JaDJs y	61.830 17005
6286 3	6286 3	rs5622 5736	3	19624 2315	A	G	1.33E-1 1	0.1382 1	0.15016 3	0.0221 958	GCST90199858_build GRCh38.tsv.gz	JaDJs y	45.770 3535

6290 8	6290 8	rs9760 58	4	68475 769	C	T	6.92E-2 7	0.4003 27	0.16952 3	0.0157 906	GCST90199858_build GRCh38.tsv.gz	JaDJs y	115.25 50581
6293 2	6293 2	rs1902 022	4	68485 004	C	G	2.40E-0 9	0.3656 12	-0.0964 377	0.0161 595	GCST90199858_build GRCh38.tsv.gz	JaDJs y	35.615 40197
6310 1	6310 1	rs1489 82377	7	99477 415	C	T	5.09E-1 64	0.0229 968	-1.3401 6	0.0491 022	GCST90199858_build GRCh38.tsv.gz	JaDJs y	744.92 30295
6335 2	6335 2	rs4149 056	12	21178 615	C	T	1.20E-1 8	0.1582 48	0.18418 3	0.0208 946	GCST90199858_build GRCh38.tsv.gz	JaDJs y	77.701 77896
6347 2	6347 2	rs2121 00	19	47873 738	C	T	3.07E-1 7	0.8375 17	0.17662	0.0209 172	GCST90199858_build GRCh38.tsv.gz	JaDJs y	71.297 23095
6363 0	6363 0	rs1104 5883	12	21230 582	A	G	5.99E-2 0	0.1750 05	0.19376 8	0.0211 895	GCST90199859_build GRCh38.tsv.gz	eUNs TP	83.622 41301
6369 8	6369 8	rs3540 4636	12	12540 5410	G	A	4.83E-0 8	0.1386 26	0.12921 7	0.0236 765	GCST90199859_build GRCh38.tsv.gz	eUNs TP	29.785 45935
6370 4	6370 4	rs2850 5302	19	47887 477	T	C	1.37E-1 0	0.3918 97	-0.1072 83	0.0167 12	GCST90199859_build GRCh38.tsv.gz	eUNs TP	41.210 22302
6371 6	6371 6	rs2342 307	3	19621 5616	G	A	3.61E-1 1	0.6162 06	-0.1082 14	0.0163 486	GCST90199860_build GRCh38.tsv.gz	6RsrT e	43.813 27977
6384 6	6384 6	rs1319 8474	6	25874 195	A	G	7.75E-1 8	0.0725 665	0.25927 4	0.0301 369	GCST90199860_build GRCh38.tsv.gz	6RsrT e	74.015 17694
6406 1	6406 1	rs1489 82377	7	99477 415	C	T	1.39E-8 9	0.0359 946	0.82876 2	0.0412 966	GCST90199860_build GRCh38.tsv.gz	6RsrT e	402.74 58419
6441 1	6441 1	rs2071 426	10	95068 566	C	T	6.51E-1 7	0.2783 41	-0.1462 63	0.0175 046	GCST90199860_build GRCh38.tsv.gz	6RsrT e	69.817 54471
6450	6450	rs2594	2	17664	C	G	9.35E-1	0.3380	0.10420	0.0139	GCST90199861_build	pfwdc	55.499

2	2	950		3894			4	83	3	874	GRCh38.tsv.gz	K	16583
6466	6466	rs1049	5	35967	A	C	4.84E-4	0.1476	0.26309	0.0182	GCST90199861_build	pfwdc	207.49
7	7	1431		898			7	51	7	647	GRCh38.tsv.gz	K	45554
6473	6473	rs7851	9	12448	A	G	1.18E-0	0.5242	-0.0749	0.0131	GCST90199861_build	pfwdc	32.514
3	3	737		5652			8	96	525	447	GRCh38.tsv.gz	K	03649
6474	6474	rs2497	10	92672	T	C	2.80E-0	0.4422	-0.0790	0.0133	GCST90199861_build	pfwdc	35.320
0	0	318		243			9	46	782	058	GRCh38.tsv.gz	K	88428
6474	6474	rs9543	13	72562	C	T	6.85E-0	0.3605	0.08115	0.0140	GCST90199861_build	pfwdc	33.578
8	8	004		240			9	08	88	058	GRCh38.tsv.gz	K	04395
6475	6475	rs7938	16	81539	A	T	2.00E-0	0.0699	0.14443	0.0257	GCST90199861_build	pfwdc	31.490
5	5	8303		357			8	356	6	385	GRCh38.tsv.gz	K	85401
6478	6478	rs2963	19	47871	G	C	1.38E-1	0.7167	0.11259	0.0146	GCST90199861_build	pfwdc	59.265
8	8	65		294			4	99	5	258	GRCh38.tsv.gz	K	0902
6484	6484	rs6487	12	30194	G	T	4.89E-0	0.9642	-0.2496	0.0457	GCST90199862_build	pDEll	29.759
5	5	886		107			8	59	99	723	GRCh38.tsv.gz	L	67162
6484	6484	rs2342	3	19621	G	A	2.94E-1	0.6192	-0.1019	0.0153	GCST90199863_build	8ta7Zj	44.214
9	9	307		5616			1	32	67	348	GRCh38.tsv.gz		33033
6495	6495	rs1489	7	99477	C	T	1.95E-1	0.0344	1.04428	0.0388	GCST90199863_build	8ta7Zj	723.85
8	8	82377		415			59	093		142	GRCh38.tsv.gz		67729
6525	6525	rs1172	7	10039	A	G	1.55E-1	0.0077	0.56894	0.0843	GCST90199863_build	8ta7Zj	45.466
1	1	09214		6354			1	1849	5	772	GRCh38.tsv.gz		37726
6547	6547	rs1012	10	95091	C	T	7.23E-1	0.4775	-0.1075	0.0149	GCST90199863_build	8ta7Zj	51.480
2	2	8455		596			3	07	7	923	GRCh38.tsv.gz		8619
6556	6556	rs7255	2	23367	C	T	8.31E-1	0.0146	0.39343	0.0640	GCST90199864_build	NjZj2	37.686
9	9	1330		2032			0	738	3	884	GRCh38.tsv.gz	B	23138

6593 5	6593 5	rs2108 622	19	15879 621	T	C	5.40E-7 6	0.2961 32	-0.3039 31	0.0164 749	GCST90199864_build GRCh38.tsv.gz	NjZj2 B	340.33 32834
6619 8	6619 8	rs6707 874	2	24176 9948	G	A	5.34E-1 0	0.3701 08	0.10208 7	0.0164 427	GCST90199865_build GRCh38.tsv.gz	LUaZ yI	38.547 35797
6621 1	6621 1	rs4900 072	14	91170 188	T	C	2.86E-1 6	0.3293 39	0.13659 1	0.0167 003	GCST90199865_build GRCh38.tsv.gz	LUaZ yI	66.895 30275
6626 5	6626 5	rs1873 166	10	16430 205	G	C	3.36E-3 7	0.4763 77	-0.1886 46	0.0148 024	GCST90199866_build GRCh38.tsv.gz	HEOq sp	162.41 67928
6646 6	6646 6	rs1055 338	10	16513 465	C	T	1.67E-4 2	0.0817 102	-0.3657 86	0.0267 705	GCST90199866_build GRCh38.tsv.gz	HEOq sp	186.69 86568
6650 5	6650 5	rs8041 483	15	50173 024	G	A	1.28E-1 6	0.6331 06	0.13313 4	0.0160 875	GCST90199867_build GRCh38.tsv.gz	9OV WGe	68.485 84858
6703 8	6703 8	rs6546 869	2	73668 638	A	G	2.20E-1 06	0.2371 43	0.41604 9	0.0189 91	GCST90199868_build GRCh38.tsv.gz	3ZrXo p	479.94 70177
6733 3	6733 3	rs6173 1321	7	10118 2225	T	G	1.96E-0 9	0.0673 86	-0.2015 31	0.0335 826	GCST90199868_build GRCh38.tsv.gz	3ZrXo p	36.012 65052
6734 5	6734 5	rs5715 50	5	66327 96	A	G	3.53E-1 1	0.5050 27	-0.1110 96	0.0167 75	GCST90199870_build GRCh38.tsv.gz	n0N75 4	43.860 31913
6738 9	6738 9	rs8062 719	16	30991 343	G	A	1.48E-0 9	0.6428 06	-0.1051 29	0.0173 866	GCST90199870_build GRCh38.tsv.gz	n0N75 4	36.560 8043
6739 6	6739 6	rs2342 307	3	19621 5616	G	A	3.31E-0 8	0.6201 9	-0.0863 974	0.0156 403	GCST90199871_build GRCh38.tsv.gz	t1oJB X	30.514 8464
6744 2	6744 2	rs1165 200	6	25874 984	A	G	3.31E-1 0	0.7602 59	0.11002 8	0.0175 101	GCST90199871_build GRCh38.tsv.gz	t1oJB X	39.484 73111
6744	6744	rs1489	7	99477	C	T	2.31E-1	0.0343	-0.3469	0.0409	GCST90199871_build	t1oJB	71.864

4	4	82377		415			7	521	68	292	GRCh38.tsv.gz	X	15666
6745 6	6745 6	rs7307 9476	12	21190 899	C	A	1.28E-0 8	0.1547 33	-0.1173 88	0.0206 335	GCST90199871_build GRCh38.tsv.gz	t1oJB X	32.366 93697
6747 3	6747 3	rs1489 82377	7	99477 415	C	T	6.86E-2 5	0.0340 119	-0.3815 95	0.0370 389	GCST90199872_build GRCh38.tsv.gz	SaDlD r	106.14 24702
6748 6	6748 6	rs1918 66531	11	99965 551	A	G	2.00E-0 8	0.0083 0179	0.41725 1	0.0743 486	GCST90199872_build GRCh38.tsv.gz	SaDlD r	31.495 54895
6749 1	6749 1	rs1871 395	12	21199 381	G	A	1.18E-0 9	0.1568 6	0.11262 8	0.0185 134	GCST90199872_build GRCh38.tsv.gz	SaDlD r	37.010 10994
6753 2	6753 2	rs6740 315	2	17665 5378	C	T	6.49E-0 9	0.6572 14	-0.0897 283	0.0154 608	GCST90199873_build GRCh38.tsv.gz	4e0av u	33.681 7738
6758 2	6758 2	rs1049 1431	5	35967 898	A	C	2.82E-1 7	0.1486 26	0.17300 5	0.0204 653	GCST90199873_build GRCh38.tsv.gz	4e0av u	71.462 97287
6761 6	6761 6	rs3102 547	8	95819 710	A	G	2.92E-0 8	0.4743 39	-0.0820 22	0.0147 893	GCST90199873_build GRCh38.tsv.gz	4e0av u	30.758 52265
6762 6	6762 6	rs1403 31100	10	60990 445	T	C	4.91E-0 9	0.0052 9442	-0.5921 31	0.1012 17	GCST90199873_build GRCh38.tsv.gz	4e0av u	34.223 83511
6763 1	6763 1	rs4762 697	12	21162 039	T	A	1.74E-0 8	0.7158 97	0.09253 8	0.0164 203	GCST90199873_build GRCh38.tsv.gz	4e0av u	31.759 82078
6765 2	6765 2	rs4149 056	12	21178 615	C	T	2.11E-2 5	0.1583 39	0.20710 5	0.0198 848	GCST90199873_build GRCh38.tsv.gz	4e0av u	108.47 72616
6786 6	6786 6	rs9922 045	16	81538 241	G	A	8.11E-1 0	0.0709 119	0.17529 1	0.0285 36	GCST90199873_build GRCh38.tsv.gz	4e0av u	37.734 01733
6787 7	6787 7	rs1159 1147	1	55039 974	T	G	1.43E-0 9	0.0177 966	-0.3405 03	0.0562 651	GCST90199876_build GRCh38.tsv.gz	5xZ12 x	36.623 82457

6787 8	6787 8	rs8005 1818	2	27368 937	C	T	1.69E-0 9	0.3038 41	0.09788 01	0.0162 446	GCST90199876_build GRCh38.tsv.gz	5xZ12 x	36.305 36145
6789 2	6789 2	rs4252 185	6	16070 2419	C	T	1.62E-0 9	0.0859 365	0.16251 7	0.0269 407	GCST90199876_build GRCh38.tsv.gz	5xZ12 x	36.389 81452
6789 4	6789 4	rs1133 45881	19	44928 379	G	A	7.77E-0 9	0.0907 108	-0.1561 92	0.0270 541	GCST90199876_build GRCh38.tsv.gz	5xZ12 x	33.331 2338
6790 0	6790 0	rs7255 1330	2	23367 2032	C	T	4.64E-1 2	0.0172 691	0.51508 7	0.0744 747	GCST90199877_build GRCh38.tsv.gz	uyzm9 3	47.834 76594
6790 1	6790 1	rs7812 898	8	11262 4710	C	T	4.54E-0 8	0.8793 23	0.12114 1	0.0221 525	GCST90199878_build GRCh38.tsv.gz	rnYai D	29.904 51879
6792 1	6792 1	rs1745 48	11	61803 876	G	C	9.26E-1 7	0.3089 52	-0.1275 63	0.0153 433	GCST90199878_build GRCh38.tsv.gz	rnYai D	69.121 29965
6801 4	6801 4	rs7139 079	12	12097 7490	A	G	1.20E-0 9	0.5918 6	0.08832 77	0.0145 27	GCST90199878_build GRCh38.tsv.gz	rnYai D	36.969 36326
6806 3	6806 3	rs1466 448	19	82246 35	A	C	3.40E-3 0	0.8085 4	0.20361 1	0.0178 326	GCST90199878_build GRCh38.tsv.gz	rnYai D	130.36 86408
6828 1	6828 1	rs2739 13	5	13232 5463	C	T	5.07E-2 1	0.6209 13	0.14845 6	0.0157 804	GCST90199879_build GRCh38.tsv.gz	9zRdl D	88.503 30614
6844 4	6844 4	rs1221 0538	6	11043 8805	G	A	3.09E-2 9	0.2398 71	0.19949 8	0.0177 735	GCST90199879_build GRCh38.tsv.gz	9zRdl D	125.98 85783
6846 4	6846 4	rs1495 56176	1	74971 148	C	T	1.22E-0 9	0.0141 068	0.38681 5	0.0636 46	GCST90199880_build GRCh38.tsv.gz	H9fq6 i	36.937 23521
6901 6	6901 6	rs2185 152	1	75758 325	T	C	3.21E-1 40	0.3083	-0.3914 36	0.0155 278	GCST90199880_build GRCh38.tsv.gz	H9fq6 i	635.47 96861
6962	6962	rs6839	4	15871	A	C	3.20E-1	0.2944	-0.1423	0.0163	GCST90199880_build	H9fq6	75.760

4	4	534		6843			8	84	72	57	GRCh38.tsv.gz	i	33118
6968	6968	rs2062	16	16033	A	G	2.62E-1	0.6109	0.10971	0.0156	GCST90199880_build	H9fq6	48.952
3	3	541		378			2	16	7	815	GRCh38.tsv.gz	i	24835
6970	6970	rs3532	2	21924	T	C	1.19E-0	0.1832	0.12780	0.0210	GCST90199881_build	ZB0r	36.993
2	2	8001		3701			9	22	7	131	GRCh38.tsv.gz	VR	80705
6971	6971	rs1872	12	43201	A	C	4.47E-1	0.0273	0.38484	0.0431	GCST90199882_build	wT1n	79.649
4	4	26015		74			9	462		211	GRCh38.tsv.gz	ps	07747
6971	6971	rs1717	12	44373	A	G	4.83E-1	0.0351	0.30236	0.0386	GCST90199882_build	wT1n	61.330
7	7	7326		99			5	711	7	097	GRCh38.tsv.gz	ps	41843
6979	6979	rs9241	16	16029	T	A	2.81E-2	0.6111	0.16589	0.0156	GCST90199883_build	cKbq2	112.47
3	3	35		602			6	38	4	424	GRCh38.tsv.gz	q	46326
7010	7010	rs2583	16	89624	C	T	1.09E-9	0.5925	-0.3168	0.0153	GCST90199883_build	cKbq2	426.21
9	9	41		734			4	97	82	492	GRCh38.tsv.gz	q	00155
7119	7119	rs2776	3	10033	A	G	2.01E-3	0.6670	0.20299	0.0161	GCST90199885_build	tbuW	158.85
2	2	27		6429			6	06	4	059	GRCh38.tsv.gz	Cv	33604
7130	7130	rs1047	2	21067	A	C	2.29E-1	0.3087	0.36727	0.0155	GCST90199886_build	Eu3rS	557.99
4	4	891		5783			23	98	7	481	GRCh38.tsv.gz	N	8221
7188	7188	rs5593	9	65340	T	C	2.29E-1	0.2483	-0.1199	0.0171	GCST90199886_build	Eu3rS	49.215
7	7	3544		80			2	17	67	006	GRCh38.tsv.gz	N	38652
7212	7212	rs1658	9	66650	T	C	5.12E-9	0.1414	-0.4277	0.0210	GCST90199886_build	Eu3rS	413.92
0	0	972		10			2	15	83	263	GRCh38.tsv.gz	N	46884
7223	7223	rs1292	16	69745	C	T	4.04E-0	0.2211	0.09782	0.0178	GCST90199886_build	Eu3rS	30.128
4	4	2098		4			8	15	17	215	GRCh38.tsv.gz	N	80469
7224	7224	rs1047	2	21067	A	C	2.39E-3	0.3117	0.20829	0.0165	GCST90199888_build	NwHJ	158.51
2	2	891		5783			6	31	9	444	GRCh38.tsv.gz	tA	5716

7240 8	7240 8	rs1047 891	2	21067 5783	A	C	2.90E-2 0	0.3099 54	-0.1522 64	0.0165 101	GCST90199889_build GRCh38.tsv.gz	ZRTg um	85.054 06244
7257 0	7257 0	rs5564 9245	2	24085 4128	A	G	1.96E-6 2	0.3017 05	-0.2739 41	0.0164 274	GCST90199889_build GRCh38.tsv.gz	ZRTg um	278.08 42609
7280 1	7280 1	rs1269 4989	2	24091 1676	G	A	3.27E-0 9	0.6352 74	-0.0946 305	0.0159 924	GCST90199889_build GRCh38.tsv.gz	ZRTg um	35.013 45617
7294 1	7294 1	rs1426 060	8	74006 636	C	T	1.49E-1 0	0.3181 76	0.10633 6	0.0165 996	GCST90199889_build GRCh38.tsv.gz	ZRTg um	41.036 03516
7294 2	7294 2	rs2068 888	10	93079 885	A	G	3.75E-0 8	0.4559 61	0.08400 83	0.0152 674	GCST90199889_build GRCh38.tsv.gz	ZRTg um	30.277 09647
7295 0	7295 0	rs1152 56445	14	10034 6168	C	A	2.42E-1 2	0.4872 94	-0.1090 32	0.0155 584	GCST90199889_build GRCh38.tsv.gz	ZRTg um	49.110 92243
7296 3	7296 3	rs1388 9	16	17770 01	T	C	4.11E-0 8	0.0494 566	-0.1946 09	0.0354 74	GCST90199889_build GRCh38.tsv.gz	ZRTg um	30.095 77412
7296 7	7296 7	rs7813 6893	17	55001 925	G	C	1.65E-0 8	0.1620 89	-0.1181 99	0.0209 396	GCST90199889_build GRCh38.tsv.gz	ZRTg um	31.863 30656
7298 1	7298 1	rs7078 003	10	97599 655	T	C	3.29E-1 4	0.1665 28	-0.1640 86	0.0216 295	GCST90199890_build GRCh38.tsv.gz	GG06 or	57.550 63183
7309 4	7309 4	rs2235 193	1	17113 9697	T	C	2.82E-5 5	0.2458 75	0.27720 6	0.0177 009	GCST90199891_build GRCh38.tsv.gz	uDmS lM	245.25 3128
7317 0	7317 0	rs3756 669	5	35965 868	C	A	1.88E-0 9	0.1456 89	0.13146 2	0.0218 825	GCST90199892_build GRCh38.tsv.gz	gaakZ n	36.091 63827
7319 0	7319 0	rs1495 56176	1	74971 148	C	T	6.74E-1 0	0.0142 209	0.39556 7	0.0640 903	GCST90199893_build GRCh38.tsv.gz	UExU do	38.093 90534
7356	7356	rs2185	1	75758	T	C	4.08E-9	0.3068	-0.3273	0.0159	GCST90199893_build	UExU	423.56

4	4	152		325			4	72	15	04	GRCh38.tsv.gz	do	40406
7410 5	7410 5	rs2841 5528	1	15190 7285	A	G	3.91E-1 48	0.3157 47	-0.4090 02	0.0157 791	GCST90199893_build GRCh38.tsv.gz	UExU do	671.87 17895
7446 2	7446 2	rs6714 486	2	23367 1659	A	T	4.18E-1 2	0.0594 476	-0.2332 36	0.0336 519	GCST90199894_build GRCh38.tsv.gz	BlxxP P	48.036 57005
7446 3	7446 3	rs7255 1330	2	23367 2032	C	T	5.03E-1 4	0.0148 607	0.49659 6	0.0659 387	GCST90199894_build GRCh38.tsv.gz	BlxxP P	56.718 62224
7452 5	7452 5	rs1745 60	11	61814 292	C	T	3.85E-1 6	0.3087 73	-0.1358 33	0.0166 808	GCST90199895_build GRCh38.tsv.gz	4e8Qy k	66.309 66512
7457 6	7457 6	rs1343 904	7	12316 7557	T	C	6.17E-0 9	0.3923 71	-0.0909 321	0.0156 456	GCST90199896_build GRCh38.tsv.gz	h9ezM M	33.779 2495
7464 9	7464 9	rs6178 1291	1	39936 166	A	T	8.46E-1 4	0.2530 23	0.13332 4	0.0178 647	GCST90199899_build GRCh38.tsv.gz	yPE6 At	55.696 15503
7468 8	7468 8	rs1745 60	11	61814 292	C	T	4.85E-2 5	0.3072 67	-0.1724 08	0.0166 804	GCST90199899_build GRCh38.tsv.gz	yPE6 At	106.83 21346
7476 6	7476 6	rs1077 989	14	67509 105	C	A	1.54E-1 0	0.4770 68	-0.0992 82	0.0155 086	GCST90199899_build GRCh38.tsv.gz	yPE6 At	40.982 25442
7490 7	7490 7	rs6690 813	1	15534 578	A	C	6.63E-1 8	0.5545 54	0.12809 9	0.0148 588	GCST90199900_build GRCh38.tsv.gz	EWM oc4	74.323 13234
7522 3	7522 3	rs1310 7325	4	10226 7552	T	C	6.66E-1 9	0.0739 321	0.25307 4	0.0284 978	GCST90199900_build GRCh38.tsv.gz	EWM oc4	78.862 83594
7523 2	7523 2	rs7354 2824	6	13155 2842	A	G	3.43E-0 8	0.0317 644	0.23437 9	0.0424 759	GCST90199900_build GRCh38.tsv.gz	EWM oc4	30.447 54034
7526 2	7526 2	rs8025 4170	6	16009 3251	G	A	3.87E-1 4	0.0749 574	-0.2121 12	0.0280 38	GCST90199900_build GRCh38.tsv.gz	EWM oc4	57.231 66953

7527 9	7527 9	rs6621 38	6	16014 3444	G	C	9.58E-3 0	0.1754 44	-0.2212 4	0.0195 31	GCST90199900_build GRCh38.tsv.gz	EWM oc4	128.31 52692
7529 2	7529 2	rs7094 385	10	12091 253	G	A	4.31E-1 2	0.2161 25	0.1259	0.0181 764	GCST90199901_build GRCh38.tsv.gz	fUYco 6	47.977 29045
7532 9	7532 9	rs5890 9877	2	20053 1320	C	G	1.78E-1 1	0.1922 89	0.13094 5	0.0194 762	GCST90199902_build GRCh38.tsv.gz	7vc3G A	45.203 2217
7540 3	7540 3	rs7955 759	12	95943 386	A	G	2.05E-1 2	0.2469 83	0.12495 2	0.0177 719	GCST90199902_build GRCh38.tsv.gz	7vc3G A	49.433 1974
7542 1	7542 1	rs5903 8625	18	36209 431	C	T	3.97E-0 8	0.0491 642	-0.1954 47	0.0355 876	GCST90199902_build GRCh38.tsv.gz	7vc3G A	30.162 03338
7542 2	7542 2	rs1310 7325	4	10226 7552	T	C	4.07E-0 8	0.0740 808	0.15940 3	0.0290 46	GCST90199903_build GRCh38.tsv.gz	RDS3 b9	30.117 59683
7542 7	7542 7	rs6621 38	6	16014 3444	G	C	7.01E-1 4	0.1753 86	-0.1494 48	0.0199 591	GCST90199903_build GRCh38.tsv.gz	RDS3 b9	56.065 83656
7544 5	7544 5	rs7769 2382	1	39941 043	T	C	4.63E-0 8	0.2492 63	0.09829 77	0.0179 868	GCST90199906_build GRCh38.tsv.gz	yLEl2 n	29.866 12656
7544 8	7544 8	rs2996 024	17	13441 912	C	T	1.98E-0 8	0.2829 64	-0.0960 628	0.0171 129	GCST90199906_build GRCh38.tsv.gz	yLEl2 n	31.511 07774
7544 9	7544 9	rs3826 884	19	55226 813	A	G	3.76E-0 8	0.1827 54	-0.1106 88	0.0201 191	GCST90199906_build GRCh38.tsv.gz	yLEl2 n	30.268 0179
7554 1	7554 1	rs9332 71	22	19943 884	C	T	1.23E-1 3	0.2761 58	0.1201	0.0162 007	GCST90199908_build GRCh38.tsv.gz	pV3aL Z	54.956 42265
7560 2	7560 2	rs4680	22	19963 748	A	G	7.01E-2 26	0.5155 49	-0.4412 32	0.0137 517	GCST90199908_build GRCh38.tsv.gz	pV3aL Z	1029.4 87848
7607	7607	rs6095	6	24308	T	C	3.92E-0	0.0792	-0.1536	0.0279	GCST90199909_build	8INr2	30.188

1	1	3408		575			8	121	77	697	GRCh38.tsv.gz	P	54149
76130	76130	rs58310495	12	21204777	T	C	1.36E-15	0.1559	0.16543	0.020708	GCST90199909_build GRCh38.tsv.gz	8INr2 P	63.819 328
76263	76263	rs77692382	1	39941043	T	C	5.09E-13	0.249388	0.129581	0.0179402	GCST90199910_build GRCh38.tsv.gz	9fQIV I	52.170 87175
76299	76299	rs174560	11	61814292	C	T	8.16E-14	0.307781	-0.124804	0.0167125	GCST90199910_build GRCh38.tsv.gz	9fQIV I	55.766 60026
76443	76443	rs869417	3	183971350	C	T	3.93E-20	0.554716	0.14065	0.0153046	GCST90199911_build GRCh38.tsv.gz	R9Mei s	84.456 97189
76557	76557	rs77228234	11	89325887	G	A	6.35E-30	0.00368053	-1.40682	0.123801	GCST90199911_build GRCh38.tsv.gz	R9Mei s	129.13 04791
76559	76559	rs116676205	11	89369430	T	C	3.06E-17	0.049536	0.300604	0.0355979	GCST90199911_build GRCh38.tsv.gz	R9Mei s	71.308 41003
76864	76864	rs489009	11	90163289	T	C	5.22E-167	0.515178	-0.40642	0.0147553	GCST90199911_build GRCh38.tsv.gz	R9Mei s	758.67 19987
77628	77628	rs324420	1	46405089	A	C	1.55E-35	0.213306	0.238942	0.0192045	GCST90199912_build GRCh38.tsv.gz	yd7FN S	154.80 286
77656	77656	rs113792108	11	11671812	T	C	3.60E-08	0.020191	0.310829	0.0564161	GCST90199912_build GRCh38.tsv.gz	yd7FN S	30.355 4686
77674	77674	rs57743625	12	21214699	A	G	8.73E-13	0.168707	0.15086	0.0211018	GCST90199912_build GRCh38.tsv.gz	yd7FN S	51.110 3908
77860	77860	rs7555577	1	62568692	C	A	9.03E-12	0.663946	0.111763	0.0163847	GCST90199914_build GRCh38.tsv.gz	e9ltrQ	46.528 50663
77978	77978	rs4665710	2	20998163	C	A	4.53E-08	0.790807	0.104998	0.0191992	GCST90199914_build GRCh38.tsv.gz	e9ltrQ	29.908 57958

7797 9	7797 9	rs4665 972	2	27375 230	C	T	2.79E-0 9	0.5897 64	-0.0949 113	0.0159 683	GCST90199914_build GRCh38.tsv.gz	e9ltrQ	35.327 95329
7798 4	7798 4	rs1370 2	8	19966 981	C	T	2.01E-0 8	0.2903 75	-0.0959 609	0.0171 027	GCST90199914_build GRCh38.tsv.gz	e9ltrQ	31.481 77925
7804 3	7804 3	rs9641 84	11	11677 8201	C	G	2.54E-3 1	0.8688 3	-0.2665 94	0.0229 003	GCST90199914_build GRCh38.tsv.gz	e9ltrQ	135.52 46824
7808 2	7808 2	rs1168 43064	19	83644 39	A	G	5.18E-1 0	0.0215 234	-0.3297 43	0.0530 687	GCST90199914_build GRCh38.tsv.gz	e9ltrQ	38.607 73037
7809 5	7809 5	rs4830 82	19	44912 921	T	G	2.72E-1 3	0.2242 56	0.13631 7	0.0186 543	GCST90199914_build GRCh38.tsv.gz	e9ltrQ	53.400 10683
7811 6	7811 6	rs1161 3331	12	24230 1	A	G	9.93E-1 7	0.5459 5	0.12863 9	0.0154 882	GCST90199915_build GRCh38.tsv.gz	dubnG K	68.983 21238
7843 4	7843 4	rs2008 38	5	13237 4707	C	A	1.21E-1 6	0.5213 31	0.12498 8	0.0150 915	GCST90199916_build GRCh38.tsv.gz	F02Qd T	68.591 74022
7857 4	7857 4	rs1221 0538	6	11043 8805	G	A	1.91E-6 7	0.2392 15	-0.3005 46	0.0173 208	GCST90199916_build GRCh38.tsv.gz	F02Qd T	301.08 28446
7866 8	7866 8	rs9646 86	10	45508 364	T	C	6.47E-0 9	0.3185 45	0.09412 72	0.0162 175	GCST90199916_build GRCh38.tsv.gz	F02Qd T	33.687 01009
7867 3	7867 3	rs1171 618	10	59706 183	C	T	6.25E-1 0	0.3747 97	0.09705 79	0.0156 949	GCST90199916_build GRCh38.tsv.gz	F02Qd T	38.242 35908
7867 9	7867 9	rs5831 0495	12	21204 777	T	C	1.56E-0 9	0.1559 54	0.12508 1	0.0207 146	GCST90199916_build GRCh38.tsv.gz	F02Qd T	36.461 08486
7872 1	7872 1	rs2594 950	2	17664 3894	C	G	4.69E-0 9	0.3400 08	0.09831 06	0.0167 833	GCST90199917_build GRCh38.tsv.gz	MtcC wA	34.311 99564
7872	7872	rs1049	5	35967	A	C	5.74E-1	0.1471	0.15967	0.0221	GCST90199917_build	MtcC	51.934

9	9	1431		898			3	78	2	564	GRCh38.tsv.gz	wA	88044
7881 5	7881 5	rs8023 7154	11	63146 300	G	C	4.99E-3 5	0.0602 54	0.40501	0.0327 994	GCST90199917_build GRCh38.tsv.gz	MtcC wA	152.47 53695
7919 6	7919 6	rs1104 5806	12	21161 802	A	G	4.69E-1 0	0.1851 07	-0.1254 91	0.0201 461	GCST90199917_build GRCh38.tsv.gz	MtcC wA	38.801 0242
7922 9	7922 9	rs4149 056	12	21178 615	C	T	2.35E-3 2	0.1573 62	0.25306 6	0.0213 692	GCST90199917_build GRCh38.tsv.gz	MtcC wA	140.24 61906
7942 0	7942 0	rs4148 415	17	50675 239	T	C	4.52E-1 0	0.3552 31	-0.1023 32	0.0164 13	GCST90199917_build GRCh38.tsv.gz	MtcC wA	38.872 90396
7951 1	7951 1	rs1165 152	6	25818 538	G	A	4.78E-1 9	0.5549 37	-0.1370 02	0.0153 637	GCST90199918_build GRCh38.tsv.gz	D3udz a	79.517 40116
7964 8	7964 8	rs6249 2368	7	15084 0547	A	G	2.51E-1 8	0.3040 96	0.14609 4	0.0167 314	GCST90199918_build GRCh38.tsv.gz	D3udz a	76.243 03853
7966 9	7966 9	rs4725 969	7	15086 1427	T	C	1.96E-1 2	0.3327 23	-0.1159 01	0.0164 7	GCST90199918_build GRCh38.tsv.gz	D3udz a	49.520 74479
8023 3	8023 3	rs1020 6899	2	73673 773	C	T	4.24E-9 7	0.1988 31	-0.4306 7	0.0205 953	GCST90199919_build GRCh38.tsv.gz	UCYE gr	437.27 3336
8050 8	8050 8	rs7700 5513	5	96222 880	A	T	3.29E-0 8	0.0004 69704	2.23661	0.4047 99	GCST90199921_build GRCh38.tsv.gz	DmGq LN	30.528 23265
8052 8	8052 8	rs1647 49	16	89641 816	G	T	4.26E-1 1	0.4716 06	-0.1038	0.0157 399	GCST90199922_build GRCh38.tsv.gz	NBF0 ci	43.490 13636
8071 6	8071 6	rs3244 20	1	46405 089	A	C	1.21E-7 6	0.2084 25	0.33558 3	0.0181 115	GCST90199923_build GRCh38.tsv.gz	LRpk BI	343.31 36443
8082 3	8082 3	rs1047 891	2	21067 5783	A	C	4.63E-5 3	0.3101 94	0.24686 3	0.0161 005	GCST90199923_build GRCh38.tsv.gz	LRpk BI	235.08 9525

8104 5	8104 5	rs6798 1690	12	21190 952	G	A	1.73E-0 9	0.1316 63	0.13377 1	0.0222 146	GCST90199923_build GRCh38.tsv.gz	LRpk BI	36.261 59908
8107 7	8107 7	rs1687 1364	8	10438 2195	T	G	2.08E-1 1	0.2120 9	0.14930 6	0.0222 832	GCST90199925_build GRCh38.tsv.gz	5l6Dy N	44.895 1477
8113 6	8113 6	rs6800 284	3	30717 464	T	C	1.63E-4 4	0.4309 94	-0.1688 8	0.0120 654	GCST90199926_build GRCh38.tsv.gz	ip8IH 6	195.91 73923
8161 4	8161 4	rs7775 554	6	89169 449	C	A	3.50E-3 6	0.4771 37	-0.1517 85	0.0120 848	GCST90199926_build GRCh38.tsv.gz	ip8IH 6	157.75 34171
8174 1	8174 1	rs6241 5380	6	89357 497	C	G	2.85E-0 9	0.1161 01	0.11279	0.0189 877	GCST90199926_build GRCh38.tsv.gz	ip8IH 6	35.285 51582
8181 0	8181 0	rs9524 869	13	95261 421	G	C	1.87E-6 0	0.2046 43	0.24323 1	0.0148 3	GCST90199926_build GRCh38.tsv.gz	ip8IH 6	269.00 20246
8198 6	8198 6	rs2992 883	13	95344 101	T	A	6.52E-1 1	0.7672 12	0.09596 43	0.0146 928	GCST90199926_build GRCh38.tsv.gz	ip8IH 6	42.658 96021
8206 6	8206 6	rs4148 325	2	23376 4663	T	C	3.96E-1 1	0.3268 31	0.11433 5	0.0173 086	GCST90199927_build GRCh38.tsv.gz	Q1Bn Yl	43.634 95266
8209 0	8209 0	rs3526 0072	5	13229 5159	C	A	3.09E-1 1	0.4332 66	0.11049 3	0.0166 348	GCST90199927_build GRCh38.tsv.gz	Q1Bn Yl	44.119 88412
8213 5	8213 5	rs1221 0538	6	11043 8805	G	A	2.29E-0 9	0.2412 69	0.11289 3	0.0188 928	GCST90199927_build GRCh38.tsv.gz	Q1Bn Yl	35.706 01424
8219 6	8219 6	rs6178 1291	1	39936 166	A	T	1.76E-1 1	0.2530 29	0.12126 1	0.0180 32	GCST90199928_build GRCh38.tsv.gz	Gq8iP m	45.222 49229
8223 0	8223 0	rs1744 18	15	58395 404	C	T	3.99E-1 3	0.5937 1	-0.1181 61	0.0162 85	GCST90199928_build GRCh38.tsv.gz	Gq8iP m	52.646 8983
8225	8225	rs1077	15	58431	G	A	1.31E-1	0.2174	0.12911	0.0190	GCST90199928_build	Gq8iP	45.792

9	9	835		227			1	92	8	805	GRCh38.tsv.gz	m	47094
82430	82430	rs200838	5	132374707	C	A	4.38E-11	0.52143	0.101318	0.015373	GCST90199929_build GRCh38.tsv.gz	iuslDs	43.43661388
82460	82460	rs12210538	6	110438805	G	A	1.91E-11	0.23913	-0.119785	0.0178441	GCST90199929_build GRCh38.tsv.gz	iuslDs	45.06253067
82462	82462	rs7727038	5	132254564	T	C	4.46E-08	0.553085	-0.0863273	0.015777	GCST90199930_build GRCh38.tsv.gz	ZwjgZO	29.93970142
82479	82479	rs1171617	10	59707424	T	G	5.60E-10	0.771201	0.118083	0.0190416	GCST90199930_build GRCh38.tsv.gz	ZwjgZO	38.45633398
82641	82641	rs1260326	2	27508073	C	T	1.81E-45	0.587149	0.211453	0.0149412	GCST90199932_build GRCh38.tsv.gz	ES7tQc	200.2888366
82857	82857	rs10426201	19	47881492	A	G	9.47E-13	0.832017	-0.161326	0.0226011	GCST90199933_build GRCh38.tsv.gz	0DQy2a	50.95063229
82897	82897	rs1466245	3	15921104	C	T	1.60E-14	0.947311	-0.262672	0.0342066	GCST90199934_build GRCh38.tsv.gz	BzanOf	58.96682486
82898	82898	rs6912625	6	111073399	C	T	1.31E-08	0.268853	-0.100597	0.0176962	GCST90199934_build GRCh38.tsv.gz	BzanOf	32.31543622
82901	82901	rs3802548	10	45457297	A	T	1.62E-08	0.24463	-0.107059	0.0189536	GCST90199935_build GRCh38.tsv.gz	ntLjM8	31.90530811
82926	82926	rs55971546	13	103065958	T	C	1.07E-09	0.0486307	0.233396	0.038273	GCST90199935_build GRCh38.tsv.gz	ntLjM8	37.18791303
82978	82978	rs3110095	17	30331992	T	C	4.17E-11	0.485567	0.108494	0.0164438	GCST90199935_build GRCh38.tsv.gz	ntLjM8	43.53184464
83650	83650	rs10201159	2	73631838	C	T	2.23E-207	0.221786	-0.541126	0.0176088	GCST90199937_build GRCh38.tsv.gz	prdH0C	944.3593427

8401 3	8401 3	rs2470 528	3	15643 959	G	T	1.29E-0 8	0.0518 659	0.19752 8	0.0347 284	GCST90199937_build GRCh38.tsv.gz	prdH0 C	32.351 00545
8407 4	8407 4	rs1185 568	6	25834 200	A	T	5.64E-1 3	0.5378 17	-0.1116 53	0.0154 885	GCST90199937_build GRCh38.tsv.gz	prdH0 C	51.966 33313
8409 8	8409 8	rs3901 32	14	60143 046	C	T	3.20E-0 8	0.1343 26	0.12436 6	0.0224 88	GCST90199937_build GRCh38.tsv.gz	prdH0 C	30.584 51989
8421 5	8421 5	rs2108 622	19	15879 621	T	C	4.62E-2 7	0.2741 06	-0.2114 18	0.0196 247	GCST90199941_build GRCh38.tsv.gz	ZmGi u4	116.05 87443
8428 7	8428 7	rs5454 16469	3	12571 3401	T	C	2.44E-0 8	0.0393 886	0.22383	0.0401 318	GCST90199942_build GRCh38.tsv.gz	xHdb WP	31.107 08464
8430 0	8430 0	rs7960 3699	11	79887 756	G	A	1.86E-0 9	0.0147 077	0.38483 2	0.0640 372	GCST90199942_build GRCh38.tsv.gz	xHdb WP	36.114 17407
8434 1	8434 1	rs5611 3850	19	40847 202	C	T	1.58E-2 4	0.5702 52	-0.1673 21	0.0163 687	GCST90199944_build GRCh38.tsv.gz	8Rab WV	104.48 94696
8467 5	8467 5	rs7160 525	14	63765 502	A	G	7.88E-1 09	0.1642 9	0.42623	0.0192 319	GCST90199945_build GRCh38.tsv.gz	1aCbZ 1	491.18 3358
8513 3	8513 3	rs4814 175	20	12978 446	T	A	7.33E-1 5	0.6130 43	-0.1177 29	0.0151 348	GCST90199945_build GRCh38.tsv.gz	1aCbZ 1	60.508 10301
8515 4	8515 4	rs1746 34	11	61879 915	C	G	4.23E-0 8	0.7397 3	0.08910 88	0.0162 583	GCST90199947_build GRCh38.tsv.gz	WbJL vD	30.039 37722
8518 3	8518 3	rs2236 872	1	17111 5021	A	G	7.86E-1 2	0.2534 68	0.13138 9	0.0192 059	GCST90199948_build GRCh38.tsv.gz	HJjN Mo	46.800 30549
8523 5	8523 5	rs1442 72515	5	12659 5258	T	C	1.07E-2 7	0.0393 913	0.4316	0.0395 703	GCST90199949_build GRCh38.tsv.gz	SWQn iq	118.96 63634
8531	8531	rs7465	8	14406	A	T	9.03E-9	0.0872	0.54932	0.0268	GCST90199949_build	SWQn	417.38

8	8	260		9890			3	311	7	881	GRCh38.tsv.gz	iq	96367
8578	8578	rs7845	2	73594	G	T	6.52E-2	0.2433	0.23323	0.0217	GCST90199951_build	uGXh	115.37
5	5	0880		254			7	18	7	141	GRCh38.tsv.gz	oZ	48704
8606	8606	rs1084	11	21887	A	G	1.10E-0	0.2366	0.12698	0.0222	GCST90199953_build	fGfJb	32.651
1	1	0516		37			8	41		221	GRCh38.tsv.gz	M	29797
8606	8606	rs3594	2	17415	T	C	1.19E-0	0.1267	0.13387	0.0234	GCST90199954_build	EvHT	32.504
7	7	0501		423			8	53	5	817	GRCh38.tsv.gz	Ec	23111
8662	8662	rs2947	2	73628	G	A	3.83E-1	0.2325	0.42568	0.0176	GCST90199954_build	EvHT	579.95
8	8	860		259			28	84	1	761	GRCh38.tsv.gz	Ec	67836
8705	8705	rs3799	6	25786	T	C	3.66E-0	0.4452	-0.0861	0.0156	GCST90199954_build	EvHT	30.324
0	0	344		765			8	73	032	36	GRCh38.tsv.gz	Ec	05396
8732	8732	rs2762	6	25794	G	A	3.46E-7	0.5620	0.30171	0.0161	GCST90199955_build	wTqv	350.40
8	8	353		203			8	64		178	GRCh38.tsv.gz	YF	30557
8780	8780	rs6689	1	25863	T	C	2.86E-0	0.0088	0.48025	0.0808	GCST90199958_build	gef8qp	35.275
3	3	014		026			9	4527	4	6	GRCh38.tsv.gz		60797
8781	8781	rs7515	1	39952	T	G	3.95E-0	0.2517	0.10412	0.0176	GCST90199958_build	gef8qp	34.649
7	7	857		958			9	07	8	897	GRCh38.tsv.gz		27232
8782	8782	rs2272	8	20733	T	G	1.89E-0	0.4146	-0.0871	0.0155	GCST90199958_build	gef8qp	31.608
7	7	720		41			8	13	757	057	GRCh38.tsv.gz		80902
8783	8783	rs6000	9	13327	T	C	1.62E-0	0.7801	0.10784	0.0178	GCST90199959_build	P0L3z	36.388
5	5	38		6354			9	92	9	786	GRCh38.tsv.gz	6	59013
8784	8784	rs6151	22	50625	C	T	5.44E-2	0.0751	0.28547	0.0282	GCST90199959_build	P0L3z	102.03
4	4	429		049			4	308		603	GRCh38.tsv.gz	6	92868
8791	8791	rs3845	2	14304	A	G	5.57E-1	0.7280	-0.1525	0.0182	GCST90199960_build	yjOM	70.124
2	2	642		1434			7	31	12	125	GRCh38.tsv.gz	wy	35878

8803 1	8803 1	rs7289 7835	17	78202 449	G	T	7.12E-2 40	0.1026 79	0.82160 1	0.0248 416	GCST90199960_build GRCh38.tsv.gz	yjOM wy	1093.8 62639
8870 9	8870 9	rs1020 1159	2	73631 838	C	T	6.99E-1 49	0.2250 85	-0.4314 4	0.0166 023	GCST90199961_build GRCh38.tsv.gz	hOex7 D	675.31 17405
8907 6	8907 6	rs1113 3665	5	11881 70	A	G	4.28E-3 1	0.2910 05	0.18469 3	0.0159 261	GCST90199961_build GRCh38.tsv.gz	hOex7 D	134.48 7523
8910 3	8910 3	rs6247 1956	7	99823 462	A	G	3.46E-1 2	0.0485 951	-0.2340 77	0.0336 427	GCST90199961_build GRCh38.tsv.gz	hOex7 D	48.410 07994
8910 7	8910 7	rs1156 8438	14	22813 127	A	G	3.53E-1 1	0.0197 041	-0.3436 51	0.0518 914	GCST90199961_build GRCh38.tsv.gz	hOex7 D	43.857 55819
8911 9	8911 9	rs4785 580	16	89633 120	G	A	8.88E-1 1	0.4773 64	0.09548 6	0.0147 244	GCST90199961_build GRCh38.tsv.gz	hOex7 D	42.053 69762
8948 6	8948 6	rs4390 625	17	39464 094	G	A	2.05E-1 9	0.7412 56	-0.1482 25	0.0164 498	GCST90199961_build GRCh38.tsv.gz	hOex7 D	81.193 57683
8975 6	8975 6	rs1042 2369	19	32872 135	T	C	1.44E-1 2	0.6050 58	0.10498 2	0.0148 27	GCST90199961_build GRCh38.tsv.gz	hOex7 D	50.132 93251
8980 0	8980 0	rs8025 4170	6	16009 3251	G	A	3.72E-1 3	0.0730 517	-0.2179 48	0.0299 99	GCST90199962_build GRCh38.tsv.gz	AktivB 8	52.782 77513
8981 7	8981 7	rs6621 38	6	16014 3444	G	C	3.95E-2 2	0.1714 29	-0.2021 13	0.0208 957	GCST90199962_build GRCh38.tsv.gz	AktivB 8	93.556 64685
8987 0	8987 0	rs1049 742	7	15085 7465	T	C	1.95E-1 9	0.0752 875	-0.2687 71	0.0298 097	GCST90199962_build GRCh38.tsv.gz	AktivB 8	81.292 33601
9002 4	9002 4	rs1110 1731	10	13338 3872	A	G	1.71E-3 3	0.0806 042	0.34566 6	0.0286 615	GCST90199962_build GRCh38.tsv.gz	AktivB 8	145.45 05933
9014	9014	rs3462	17	50457	A	T	6.79E-1	0.2398	-0.1555	0.0186	GCST90199962_build	AktivB	69.731

5	5	2244		83			7	91	51	276	GRCh38.tsv.gz	8	94963
9017 7	9017 7	rs5611 3850	19	40847 202	C	T	7.28E-1 0	0.5720 78	-0.0967 351	0.0157 04	GCST90199962_build GRCh38.tsv.gz	AktivB 8	37.944 39186
9022 0	9022 0	rs1421 31421	11	63050 913	A	G	2.30E-1 21	0.0707 877	0.68164 8	0.0290 974	GCST90199963_build GRCh38.tsv.gz	trorxE	548.79 72936
9060 3	9060 3	rs5405 82	11	63312 298	C	T	2.82E-1 0	0.5813 72	-0.0993 954	0.0157 566	GCST90199963_build GRCh38.tsv.gz	trorxE	39.793 07967
9078 6	9078 6	rs7279 4638	2	31561 978	C	T	1.41E-1 4	0.0183 451	0.43376 5	0.0563 676	GCST90199964_build GRCh38.tsv.gz	rxjgN g	59.217 48037
9081 4	9081 4	rs1385 29890	2	32253 285	A	G	1.04E-1 2	0.0346 446	0.30005 2	0.0421 122	GCST90199964_build GRCh38.tsv.gz	rxjgN g	50.766 49634
9083 6	9083 6	rs1489 82377	7	99477 415	C	T	2.19E-1 2	0.0322 643	-0.3044 5	0.0433 578	GCST90199964_build GRCh38.tsv.gz	rxjgN g	49.305 74001
9084 2	9084 2	rs3857 868	7	13811 3018	A	T	1.51E-0 8	0.7831 07	0.10670 5	0.0188 494	GCST90199964_build GRCh38.tsv.gz	rxjgN g	32.046 04801
9107 2	9107 2	rs1412 32858	11	63107 062	C	A	2.57E-1 65	0.0595 802	0.84644 1	0.0308 893	GCST90199964_build GRCh38.tsv.gz	rxjgN g	750.89 16068
9133 7	9133 7	rs5405 82	11	63312 298	C	T	3.53E-1 4	0.5922 6	-0.1178 35	0.0155 509	GCST90199964_build GRCh38.tsv.gz	rxjgN g	57.416 61103
9145 6	9145 6	rs4986 782	8	18222 607	A	G	1.80E-1 5	0.0182 755	-0.4213 47	0.0529 724	GCST90199967_build GRCh38.tsv.gz	j14kli	63.267 47652
9154 2	9154 2	rs1079 5395	10	16440 482	G	C	6.33E-5 0	0.4777 64	-0.2120 83	0.0142 756	GCST90199967_build GRCh38.tsv.gz	j14kli	220.71 049
9171 4	9171 4	rs6602 129	10	16513 333	G	A	1.04E-3 2	0.0820 351	-0.3094 59	0.0259 822	GCST90199967_build GRCh38.tsv.gz	j14kli	141.85 81829

9180 9	9180 9	rs1151 9272	12	21209 458	A	C	3.26E-3 2	0.1706 1	0.24603 4	0.0208 234	GCST90199968_build GRCh38.tsv.gz	vbDQ 7V	139.60 04993
9185 2	9185 2	rs1601 935	15	58379 566	T	G	1.34E-1 1	0.6479 15	-0.1177 99	0.0174 155	GCST90199968_build GRCh38.tsv.gz	vbDQ 7V	45.752 12944
9187 2	9187 2	rs2836 2590	5	17730 4451	T	G	2.61E-0 8	0.7621 07	0.10788 3	0.0193 831	GCST90199969_build GRCh38.tsv.gz	UGJj HK	30.978 44092
9242 0	9242 0	rs4762 697	12	21162 039	T	A	5.92E-1 6	0.7187 18	0.15164 2	0.0187 423	GCST90199969_build GRCh38.tsv.gz	UGJj HK	65.462 598
9245 2	9245 2	rs4149 056	12	21178 615	C	T	2.67E-9 8	0.1635 4	0.45817 2	0.0217 734	GCST90199969_build GRCh38.tsv.gz	UGJj HK	442.79 69161
9297 1	9297 1	rs1859 792	7	76159 946	C	T	1.91E-0 8	0.2987 34	0.09143 31	0.0162 682	GCST90199970_build GRCh38.tsv.gz	QX9y 9J	31.588 41851
9407 4	9407 4	rs4762 697	12	21162 039	T	A	5.39E-3 2	0.7142 41	0.19524 8	0.0165 847	GCST90199970_build GRCh38.tsv.gz	QX9y 9J	138.59 83142
9412 1	9412 1	rs4149 056	12	21178 615	C	T	3.55E-1 83	0.1558 63	0.56418 7	0.0195 475	GCST90199970_build GRCh38.tsv.gz	QX9y 9J	833.03 58776
9480 2	9480 2	rs7940 0241	19	15873 592	G	C	1.41E-2 0	0.2958 21	-0.1507 25	0.0162 078	GCST90199970_build GRCh38.tsv.gz	QX9y 9J	86.481 34735
9490 0	9490 0	rs1158 1518	1	53206 356	G	A	3.05E-1 6	0.2255 49	-0.1435 05	0.0175 619	GCST90199971_build GRCh38.tsv.gz	yGAs OS	66.771 4898
9491 0	9491 0	rs1047 891	2	21067 5783	A	C	8.44E-9 1	0.3089 08	0.31208 2	0.0154 44	GCST90199971_build GRCh38.tsv.gz	yGAs OS	408.33 61739
9525 2	9525 2	rs7564 850	2	21601 2268	C	T	2.28E-2 0	0.0969 494	-0.2263 63	0.0244 76	GCST90199971_build GRCh38.tsv.gz	yGAs OS	85.532 26897
9537	9537	rs3549	3	67375	C	T	1.49E-1	0.1188	0.15820	0.0223	GCST90199971_build	yGAs	50.060

1	1	4829		857			2	16	8	605	GRCh38.tsv.gz	OS	34747
9543	9543	rs1220	6	16012	T	C	2.27E-2	0.0692	0.27557	0.0283	GCST90199971_build	yGAs	94.655
5	5	8357		2116			2	76		243	GRCh38.tsv.gz	OS	42313
9547	9547	rs1175	6	16015	A	G	1.88E-1	0.1641	0.16595	0.0195	GCST90199971_build	yGAs	72.268
0	0	3995		4334			7	83	2	212	GRCh38.tsv.gz	OS	98574
9548	9548	rs2297	9	65405	C	T	2.34E-1	0.2910	-0.1061	0.0158	GCST90199971_build	yGAs	44.660
2	2	442		40			1	32	11	781	GRCh38.tsv.gz	OS	5173
9562	9562	rs1755	9	66647	T	G	3.89E-6	0.1425	-0.3569	0.0207	GCST90199971_build	yGAs	295.08
2	2	618		08			6	52	15	775	GRCh38.tsv.gz	OS	22041
9570	9570	rs1171	10	59709	C	T	1.69E-0	0.7703	0.09967	0.0176	GCST90199971_build	yGAs	31.821
7	7	614		780			8	51	42	693	GRCh38.tsv.gz	OS	95287
9571	9571	rs3092	20	46616	C	T	1.94E-0	0.1771	-0.1147	0.0191	GCST90199971_build	yGAs	36.029
1	1	098		207			9	31	67	199	GRCh38.tsv.gz	OS	88083
9588	9588	rs3582	4	22816	T	G	2.36E-1	0.8489	-0.5418	0.0216	GCST90199973_build	6Yp5p	626.89
5	5	35		599			38	79	33	405	GRCh38.tsv.gz	r	71886
9590	9590	rs6034	10	10031	A	G	7.53E-0	0.1725	-0.1151	0.0199	GCST90199974_build	ofmKI	33.393
8	8	24		5722			9	18	87	33	GRCh38.tsv.gz	C	47394
9592	9592	rs1745	11	61800	A	C	6.50E-1	0.3018	-0.0980	0.0136	GCST90199975_build	sOQL	51.688
3	3	44		281			3	16	436	371	GRCh38.tsv.gz	w5	56182
9599	9599	rs1895	5	15759	A	G	4.23E-0	0.1270	0.13919	0.0253	GCST90199976_build	HUG	30.039
0	0	342		9344			8	71	5	968	GRCh38.tsv.gz	BdK	26297
9612	9612	rs7490	4	88128	A	C	1.79E-1	0.1102	0.51801	0.0236	GCST90199977_build	9i9Ei2	480.34
3	3	4971		874			06	38	3	354	GRCh38.tsv.gz		73561
9633	9633	rs7431	5	10491	G	T	3.56E-0	0.2246	0.10053	0.0182	GCST90199977_build	9i9Ei2	30.377
1	1	9256		7707			8	47	2	401	GRCh38.tsv.gz		65288

9635 4	9635 4	rs1139 45618	11	21894 28	G	A	1.11E-1 1	0.2250 13	0.11978 5	0.0176 382	GCST90199978_build GRCh38.tsv.gz	AMrR SS	46.120 74871
9635 9	9635 9	rs1163 7168	15	72808 353	A	C	3.39E-0 8	0.6158 94	0.08303 26	0.0150 427	GCST90199978_build GRCh38.tsv.gz	AMrR SS	30.468 12198
9636 2	9636 2	rs5608 3751	5	13232 8945	A	T	4.70E-0 8	0.4736 68	-0.0812 803	0.0148 806	GCST90199979_build GRCh38.tsv.gz	f5DmI z	29.835 25199
9649 8	9649 8	rs2121 00	19	47873 738	C	T	4.19E-4 7	0.8307 47	-0.2484 03	0.0172 327	GCST90199983_build GRCh38.tsv.gz	MuwJ 8E	207.78 15674
9658 8	9658 8	rs1418 11254	13	87170 194	A	T	1.33E-0 9	0.0139 163	0.50043 1	0.0825 352	GCST90199984_build GRCh38.tsv.gz	5a0Cl 7	36.762 91955
9659 3	9659 3	rs1244 3580	16	55832 425	C	T	2.08E-0 8	0.2693 7	0.09554 41	0.0170 462	GCST90199985_build GRCh38.tsv.gz	H4eEt g	31.416 12299
9659 6	9659 6	rs1218 6252	4	61136 67	T	C	1.31E-0 8	0.2864 09	0.10815 9	0.0190 248	GCST90199986_build GRCh38.tsv.gz	QClug 4	32.321 02512
9659 9	9659 9	rs1125 75821	7	45352 517	A	C	1.45E-0 9	0.0541 649	0.22381 4	0.0369 964	GCST90199986_build GRCh38.tsv.gz	QClug 4	36.597 84937
9660 5	9660 5	rs5614 20038	22	19939 007	C	T	3.78E-0 8	0.0037 4341	-0.8163 55	0.1484 01	GCST90199987_build GRCh38.tsv.gz	A1wq FP	30.261 08248
9661 4	9661 4	rs2847 153	18	66164 7	A	G	1.51E-1 6	0.1998 17	-0.1486 19	0.0180 013	GCST90199991_build GRCh38.tsv.gz	322gw w	68.161 78109
9676 9	9676 9	rs4997 685	4	18620 4370	T	C	6.63E-2 9	0.8155 73	0.21383 8	0.0191 665	GCST90199992_build GRCh38.tsv.gz	bLlm U1	124.47 55749
9677 8	9677 8	rs1053 094	4	18621 1877	T	A	1.51E-1 5	0.4765 6	0.11933 3	0.0149 61	GCST90199992_build GRCh38.tsv.gz	bLlm U1	63.620 90927
9698	9698	rs1859	7	76159	C	T	1.62E-0	0.3007	0.09852	0.0163	GCST90199992_build	bLlm	36.389

7	7	792		946			9	6	58	329	GRCh38.tsv.gz	U1	26919
9813 9	9813 9	rs4762 697	12	21162 039	T	A	1.63E-3 2	0.7163 06	0.19849 6	0.0167 178	GCST90199992_build GRCh38.tsv.gz	bLlm U1	140.97 60274
9818 0	9818 0	rs4149 056	12	21178 615	C	T	1.91E-1 56	0.1581 07	0.52467 4	0.0196 894	GCST90199992_build GRCh38.tsv.gz	bLlm U1	710.09 11875
9874 3	9874 3	rs7273 8356	14	73559 459	A	G	2.69E-1 2	0.2248 15	-0.1267 32	0.0181 225	GCST90199992_build GRCh38.tsv.gz	bLlm U1	48.903 09665
9903 1	9903 1	rs2108 622	19	15879 621	T	C	6.59E-2 8	0.2965 54	-0.1777 05	0.0162 276	GCST90199992_build GRCh38.tsv.gz	bLlm U1	119.91 97479
9916 6	9916 6	rs6621 38	6	16014 3444	G	C	1.44E-1 6	0.1747 38	-0.1645 21	0.0199 151	GCST90199993_build GRCh38.tsv.gz	ALW Pjs	68.246 07801
9919 6	9919 6	rs1171 617	10	59707 424	T	G	6.33E-2 5	0.7701 2	0.18861 8	0.0182 942	GCST90199993_build GRCh38.tsv.gz	ALW Pjs	106.30 15081
9920 0	9920 0	rs1014 8803	14	34610 201	A	G	2.63E-0 8	0.0010 9375	1.41269	0.2538 63	GCST90199994_build GRCh38.tsv.gz	EmEtv U	30.966 69994
9924 8	9924 8	rs1535	11	61830 500	G	A	9.84E-3 7	0.3426 14	0.18662 1	0.0147 409	GCST90199995_build GRCh38.tsv.gz	B186t m	160.27 76715
9933 5	9933 5	rs7160 525	14	63765 502	A	G	8.85E-2 0	0.1639 43	0.17228 1	0.0189 273	GCST90199995_build GRCh38.tsv.gz	B186t m	82.850 93926
9944 5	9944 5	rs4804 286	19	82015 55	C	G	1.06E-1 0	0.2233 85	-0.1131 64	0.0175 234	GCST90199995_build GRCh38.tsv.gz	B186t m	41.704 20349
9944 8	9944 8	rs4385 68	20	12978 039	G	A	2.01E-0 8	0.6147 69	-0.0817 072	0.0145 624	GCST90199995_build GRCh38.tsv.gz	B186t m	31.481 45121
9945 9	9945 9	rs1045 5872	6	16058 9086	G	A	4.66E-0 9	0.0720 611	0.16051 4	0.0273 969	GCST90199996_build GRCh38.tsv.gz	oh6dP x	34.325 98322

9948 3	9948 3	rs1745 48	11	61803 876	G	C	3.65E-2 0	0.3085 52	-0.1398 71	0.0152 068	GCST90199996_build GRCh38.tsv.gz	oh6dP x	84.601 81718
9958 0	9958 0	rs7135 337	12	12096 6352	C	A	7.98E-0 9	0.5896 41	0.08283 82	0.0143 597	GCST90199996_build GRCh38.tsv.gz	oh6dP x	33.279 02342
9962 7	9962 7	rs1466 448	19	82246 35	A	C	8.52E-5 1	0.8086 26	0.26394 3	0.0176 078	GCST90199996_build GRCh38.tsv.gz	oh6dP x	224.70 36381
9966 0	9966 0	rs1071 3262	17	47884 73	C	A	7.82E-0 9	0.4755 74	-0.0865 722	0.0149 977	GCST90199997_build GRCh38.tsv.gz	2XtRL 0	33.320 1988
9966 2	9966 2	rs7263 9855	1	15055 645	C	T	1.09E-0 8	0.0444 429	-0.2261 48	0.0395 604	GCST90199999_build GRCh38.tsv.gz	oP3D F7	32.678 65356
9966 4	9966 4	rs7461 7384	6	16057 6086	T	A	8.77E-1 0	0.0719 835	0.17906 9	0.0292 104	GCST90200001_build GRCh38.tsv.gz	viTHR 3	37.580 78161
9968 8	9968 8	rs7160 525	14	63765 502	A	G	1.15E-5 1	0.1640 47	0.30204 4	0.0199 731	GCST90200001_build GRCh38.tsv.gz	viTHR 3	228.69 12105
9998 2	9998 2	rs1871 194	19	82189 35	A	C	3.16E-3 7	0.5383 29	0.20074 9	0.0157 462	GCST90200001_build GRCh38.tsv.gz	viTHR 3	162.53 81284
1000 19	1000 19	rs1065 853	19	44909 976	T	G	1.53E-1 2	0.0836 67	-0.1916 14	0.0270 967	GCST90200001_build GRCh38.tsv.gz	viTHR 3	50.005 94833
1000 51	1000 51	rs4814 176	20	12978 750	C	T	1.81E-3 1	0.6134 89	-0.1798 46	0.0154 106	GCST90200001_build GRCh38.tsv.gz	viTHR 3	136.19 54096
1001 28	1001 28	rs5611 3850	19	40847 202	C	T	6.04E-1 3	0.5761 3	-0.1095 73	0.0152 194	GCST90200002_build GRCh38.tsv.gz	0312f T	51.833 67984
1001 57	1001 57	rs1189 2031	2	23365 6637	C	A	3.09E-1 4	0.0855 313	0.20343 6	0.0267 873	GCST90200003_build GRCh38.tsv.gz	LPdm LV	57.676 34528
1002	1002	rs1448	7	13600	G	A	4.07E-0	0.0116	0.41899	0.0763	GCST90200007_build	XrCfc	30.117

33	33	86872		7807			8	391	3	485	GRCh38.tsv.gz	e	05602
1002 44	1002 44	rs7654 754	4	76488 642	A	G	3.59E-1 1	0.5248 47	0.09088 86	0.0137 294	GCST90200008_build GRCh38.tsv.gz	RF7x7 x	43.824 373
1002 68	1002 68	rs7792 4615	16	20381 010	A	G	3.47E-0 9	0.1925 97	-0.1046 18	0.0177 094	GCST90200008_build GRCh38.tsv.gz	RF7x7 x	34.898 36911
1002 69	1002 69	rs5529 53523	11	73746 16	T	C	4.77E-0 8	0.0034 2466	-0.7223 51	0.1323 11	GCST90200009_build GRCh38.tsv.gz	KEYe 53	29.806 06561
1002 72	1002 72	rs7461 7384	6	16057 6086	T	A	2.79E-0 9	0.0718 974	0.16360 3	0.0275 262	GCST90200010_build GRCh38.tsv.gz	zN4A E0	35.325 63718
1002 82	1002 82	rs1022 75	11	61790 331	C	T	9.36E-1 3	0.3458 36	-0.1062 13	0.0148 767	GCST90200010_build GRCh38.tsv.gz	zN4A E0	50.973 22845
1003 58	1003 58	rs7160 525	14	63765 502	A	G	1.51E-2 8	0.1640 23	0.20996 6	0.0189 441	GCST90200010_build GRCh38.tsv.gz	zN4A E0	122.84 28813
1005 73	1005 73	rs4814 176	20	12978 750	C	T	1.23E-0 8	0.6136 56	-0.0831 713	0.0146 036	GCST90200010_build GRCh38.tsv.gz	zN4A E0	32.435 9873
1006 15	1006 15	rs7286 1763	17	82039 613	T	C	1.21E-1 2	0.1204 78	-0.1563 73	0.0220 102	GCST90200011_build GRCh38.tsv.gz	v4Mc EU	50.474 91062
1007 37	1007 37	rs7500 220	16	20489 224	G	A	1.83E-1 6	0.8033 59	0.15563 9	0.0189 043	GCST90200012_build GRCh38.tsv.gz	yZvY NK	67.782 20024
1007 79	1007 79	rs1535	11	61830 500	G	A	3.55E-0 8	0.3435 23	0.08081 88	0.0146 624	GCST90200013_build GRCh38.tsv.gz	wYqx 8B	30.381 88175
1007 80	1007 80	rs8694 16	12	30418 598	G	C	3.78E-0 8	0.3001 95	-0.0847 23	0.0154 012	GCST90200013_build GRCh38.tsv.gz	wYqx 8B	30.261 71451
1007 99	1007 99	rs7160 525	14	63765 502	A	G	6.51E-3 4	0.1646 99	0.22531 2	0.0185 601	GCST90200013_build GRCh38.tsv.gz	wYqx 8B	147.36 96397

1009 59	1009 59	rs6865 48	20	12992 873	T	A	6.68E-1 7	0.6135 09	-0.1197 05	0.0143 316	GCST90200013_build GRCh38.tsv.gz	wYqx 8B	69.764 61875
1009 66	1009 66	rs5594 7901	3	69783 226	C	A	3.80E-0 8	0.2231 33	0.10205 7	0.0185 564	GCST90200014_build GRCh38.tsv.gz	LTzlj X	30.248 10311
1009 69	1009 69	rs7953 1664	8	64649 429	C	T	2.86E-1 0	0.0125 061	0.44027 7	0.0698 164	GCST90200014_build GRCh38.tsv.gz	LTzlj X	39.768 30627
1010 56	1010 56	rs1573 558	11	11037 7073	T	C	7.88E-8 4	0.3156 88	0.32099 3	0.0165 47	GCST90200014_build GRCh38.tsv.gz	LTzlj X	376.31 59184
1013 16	1013 16	rs7876 2835	11	11054 3638	G	A	4.99E-2 3	0.0304 633	-0.4401 78	0.0445 444	GCST90200014_build GRCh38.tsv.gz	LTzlj X	97.649 59326
1014 60	1014 60	rs6182 5638	1	24155 0102	T	C	4.43E-1 7	0.2551 95	0.16670 3	0.0198 436	GCST90200015_build GRCh38.tsv.gz	OGkcJ 1	70.574 19007
1021 81	1021 81	rs1016 8931	2	73650 092	A	G	1.10E-2 26	0.2601 17	0.59472 6	0.0185 024	GCST90200015_build GRCh38.tsv.gz	OGkcJ 1	1033.1 84112
1025 85	1025 85	rs1220 9125	6	25769 561	C	A	3.76E-1 4	0.4000 16	-0.1344 5	0.0177 628	GCST90200015_build GRCh38.tsv.gz	OGkcJ 1	57.292 63033
1028 07	1028 07	rs9484 45	11	67647 021	T	C	5.63E-3 2	0.8358 57	0.27558 8	0.0234 162	GCST90200015_build GRCh38.tsv.gz	OGkcJ 1	138.51 21175
1028 47	1028 47	rs7289 7843	17	78204 884	T	C	4.86E-1 0	0.1022 64	0.17803 6	0.0286 07	GCST90200015_build GRCh38.tsv.gz	OGkcJ 1	38.732 09823
1028 48	1028 48	rs1452 61788	17	53748 660	A	T	2.88E-0 8	0.0129 568	0.40328 2	0.0726 819	GCST90200016_build GRCh38.tsv.gz	zQrYJ N	30.786 84129
1028 55	1028 55	rs1260 338	2	27402 794	G	A	4.14E-1 0	0.4329 8	0.09402 12	0.0150 467	GCST90200017_build GRCh38.tsv.gz	CHyl4 p	39.045 3262
1029	1029	rs7160	14	63765	A	G	4.60E-6	0.1643	0.33607	0.0195	GCST90200017_build	CHyl4	294.74

25	25	525		502			6	94	1	752	GRCh38.tsv.gz	p	71813
103204	103204	rs360537	20	13004004	G	A	2.87E-08	0.74624	-0.0953787	0.0171873	GCST90200017_build GRCh38.tsv.gz	CHyl4 p	30.795 51579
103315	103315	rs6687264	1	46908367	C	T	1.91E-20	0.121574	-0.210187	0.0226803	GCST90200018_build GRCh38.tsv.gz	bNu52 Y	85.884 36589
103491	103491	rs11578832	1	53208870	A	G	2.02E-44	0.227766	0.245781	0.0175789	GCST90200018_build GRCh38.tsv.gz	bNu52 Y	195.48 49028
103558	103558	rs80254170	6	160093251	G	A	6.65E-11	0.0752315	0.181707	0.0278337	GCST90200018_build GRCh38.tsv.gz	bNu52 Y	42.618 82111
103571	103571	rs662138	6	160143444	G	C	1.83E-16	0.175225	0.16076	0.0195271	GCST90200018_build GRCh38.tsv.gz	bNu52 Y	67.776 71168
103594	103594	rs139300931	6	160206065	T	A	2.26E-08	0.0141174	0.353654	0.0632577	GCST90200018_build GRCh38.tsv.gz	bNu52 Y	31.255 78095
103607	103607	rs28601761	8	125487789	G	C	6.44E-10	0.424046	0.092688	0.015	GCST90200018_build GRCh38.tsv.gz	bNu52 Y	38.182 51264
103610	103610	rs79304471	17	75959534	G	C	1.32E-10	0.038499	0.246285	0.0383335	GCST90200018_build GRCh38.tsv.gz	bNu52 Y	41.278 03131
103656	103656	rs11043016	11	2184797	C	T	4.23E-08	0.228748	0.100458	0.0183286	GCST90200019_build GRCh38.tsv.gz	AaNN a2	30.040 72907
103659	103659	rs73266074	14	55003380	A	G	2.35E-08	0.111732	-0.135149	0.0242012	GCST90200019_build GRCh38.tsv.gz	AaNN a2	31.185 4397
103660	103660	rs7412	19	44908822	T	C	6.10E-09	0.0838389	-0.156125	0.0268537	GCST90200020_build GRCh38.tsv.gz	OP2fc f	33.801 55167
103668	103668	rs4814176	20	12978750	C	T	7.55E-10	0.613661	0.0944762	0.0153515	GCST90200020_build GRCh38.tsv.gz	OP2fc f	37.874 1766

1039 41	1039 41	rs5306 86	4	12911 8729	G	A	4.49E-3 2	0.6115 67	-0.1775 77	0.0150 639	GCST90200021_build GRCh38.tsv.gz	2qYB 5Z	138.96 28081
1040 00	1040 00	rs2846 2207	4	16418 5811	C	A	2.01E-0 8	0.0129 474	0.36914 3	0.0657 862	GCST90200021_build GRCh38.tsv.gz	2qYB 5Z	31.486 15816
1040 48	1040 48	rs2076 007	6	16729 4271	T	C	5.00E-5 3	0.1075 71	0.36123 4	0.0235 676	GCST90200021_build GRCh38.tsv.gz	2qYB 5Z	234.93 43517
1040 59	1040 59	rs1079 8945	1	33393 272	T	C	4.91E-0 9	0.7536 7	-0.1032 64	0.0176 513	GCST90200022_build GRCh38.tsv.gz	QtF8B K	34.225 08181
1040 60	1040 60	rs7602 1834	7	75977 837	G	A	5.18E-0 9	0.2862 03	-0.0991 977	0.0169 825	GCST90200022_build GRCh38.tsv.gz	QtF8B K	34.119 28793
1040 84	1040 84	rs1224 2611	10	45588 795	A	G	1.39E-0 8	0.2459 17	-0.1010 79	0.0178 134	GCST90200022_build GRCh38.tsv.gz	QtF8B K	32.197 95086
1040 93	1040 93	rs9756 57	12	20846 411	A	G	6.75E-1 0	0.6719 39	0.10105 8	0.0163 741	GCST90200022_build GRCh38.tsv.gz	QtF8B K	38.091 36372
1041 16	1041 16	rs5639 8830	13	10304 9340	A	G	4.35E-1 3	0.0131 822	-0.4879 76	0.0673 596	GCST90200022_build GRCh38.tsv.gz	QtF8B K	52.480 49545
1041 53	1041 53	rs5597 1546	13	10306 5958	T	C	7.08E-2 7	0.0476 396	0.38549 1	0.0359 146	GCST90200022_build GRCh38.tsv.gz	QtF8B K	115.20 90031
1041 76	1041 76	rs3794 806	17	30259 885	G	T	5.13E-1 8	0.3325 74	0.14014 8	0.0162 013	GCST90200022_build GRCh38.tsv.gz	QtF8B K	74.829 71327
1044 33	1044 33	rs2121 00	19	47873 738	C	T	6.22E-4 8	0.8395 72	0.30179 2	0.0207 478	GCST90200022_build GRCh38.tsv.gz	QtF8B K	211.57 84058
1045 35	1045 35	rs7137 3192	16	20458 840	T	G	6.38E-1 0	0.2719 42	-0.1146 49	0.0185 49	GCST90200023_build GRCh38.tsv.gz	cBVTt T	38.203 18219
1054	1054	rs1151	12	21209	A	C	8.34E-1	0.1729	0.44677	0.0210	GCST90200024_build	nJzKD	449.71

42	42	9272		458			00	74	8	681	GRCh38.tsv.gz	1	0282
1056	1056	rs1077	12	21293	G	A	3.00E-2	0.1310	-0.2446	0.0240	GCST90200024_build	nJzKD	103.22
75	75	0795		298			4	56	57	809	GRCh38.tsv.gz	1	14282
1057	1057	rs5597	13	10306	T	C	5.12E-2	0.0495	0.35738	0.0379	GCST90200024_build	nJzKD	88.487
95	95	1546		5958			1	083	1	918	GRCh38.tsv.gz	1	75539
1058	1058	rs1165	17	30310	G	A	1.34E-0	0.3896	0.09641	0.0169	GCST90200024_build	nJzKD	32.267
07	07	6408		155			8	5	59	732	GRCh38.tsv.gz	1	83754
1058	1058	rs6212	19	47858	C	T	2.61E-1	0.1595	-0.1423	0.0225	GCST90200024_build	nJzKD	39.948
18	18	8824		667			0	24	44	211	GRCh38.tsv.gz	1	37643
1069	1069	rs4762	12	21162	T	A	1.28E-3	0.7145	0.20616	0.0173	GCST90200026_build	ecIwQ	141.45
61	61	697		039			2	76	4	345	GRCh38.tsv.gz	7	00239
1070	1070	rs4149	12	21178	C	T	1.53E-1	0.1557	0.52259	0.0206	GCST90200026_build	ecIwQ	641.55
05	05	056		615			41	69	7	324	GRCh38.tsv.gz	7	56394
1075	1075	rs5597	13	10306	T	C	1.21E-2	0.0471	0.38534	0.0368	GCST90200026_build	ecIwQ	109.57
41	41	1546		5958			5	698	2	116	GRCh38.tsv.gz	7	79839
1075	1075	rs1165	17	30310	G	A	2.16E-0	0.3870	0.09034	0.0161	GCST90200026_build	ecIwQ	31.343
58	58	6408		155			8	93	16	368	GRCh38.tsv.gz	7	01157
1076	1076	rs2121	19	47873	C	T	2.59E-3	0.8389	0.25075	0.0211	GCST90200026_build	ecIwQ	140.05
72	72	00		738			2	06	3	885	GRCh38.tsv.gz	7	28174
1077	1077	rs2841	1	15190	A	G	2.51E-3	0.3240	0.20544	0.0168	GCST90200027_build	Fq3V	149.26
68	68	5528		7285			4	12	3	158	GRCh38.tsv.gz	Ba	14409
1079	1079	rs1171	10	59709	C	T	1.56E-1	0.7749	0.13658	0.0193	GCST90200027_build	Fq3V	49.973
77	77	614		780			2	3	8	215	GRCh38.tsv.gz	Ba	91954
1080	1080	rs2863	16	20561	G	A	6.55E-1	0.2001	0.12816	0.0196	GCST90200027_build	Fq3V	42.649
17	17	3991		960			1	07	8	257	GRCh38.tsv.gz	Ba	00495

1080 65	1080 65	rs4751 996	10	11663 8383	G	A	8.77E-1 4	0.5223 19	0.11323 8	0.0151 83	GCST90200028_build GRCh38.tsv.gz	vg2T0 E	55.624 89402
1080 72	1080 72	rs1532 085	15	58391 167	G	A	4.37E-0 8	0.6234 68	-0.0865 048	0.0157 996	GCST90200028_build GRCh38.tsv.gz	vg2T0 E	29.977 0042
1081 30	1081 30	rs3244 20	1	46405 089	A	C	1.62E-3 0	0.2161 3	0.22352 9	0.0194 671	GCST90200029_build GRCh38.tsv.gz	oqOY 56	131.84 54755
1081 94	1081 94	rs1745 46	11	61802 358	T	C	1.02E-7 9	0.3399 63	0.29538 5	0.0156 238	GCST90200030_build GRCh38.tsv.gz	11gZ2 1	357.44 03143
1083 66	1083 66	rs1495 56176	1	74971 148	C	T	1.11E-0 9	0.0144 965	0.39970 7	0.0656 099	GCST90200031_build GRCh38.tsv.gz	G9Yvl b	37.114 59762
1088 14	1088 14	rs2185 152	1	75758 325	T	C	1.13E-1 18	0.3022 97	-0.3790 35	0.0163 653	GCST90200031_build GRCh38.tsv.gz	G9Yvl b	536.42 70715
1093 86	1093 86	rs1784 3966	4	15870 8662	C	A	4.53E-3 0	0.2616 65	-0.2015 61	0.0176 917	GCST90200031_build GRCh38.tsv.gz	G9Yvl b	129.79 9756
1094 17	1094 17	rs2062 541	16	16033 378	A	G	1.59E-0 8	0.6121 2	0.09259 24	0.0163 841	GCST90200031_build GRCh38.tsv.gz	G9Yvl b	31.937 83717
1094 18	1094 18	rs8874 17	7	15775 4202	A	G	4.45E-0 8	0.0996 814	0.14218 5	0.0259 851	GCST90200032_build GRCh38.tsv.gz	XfSS Rb	29.940 48145
1094 31	1094 31	rs1746 21	11	61862 632	A	G	2.54E-1 0	0.2235 34	-0.1040 19	0.0164 475	GCST90200033_build GRCh38.tsv.gz	2H8M vV	39.996 82874
1094 37	1094 37	rs7160 525	14	63765 502	A	G	2.26E-1 3	0.1639 91	0.13436 3	0.0183 247	GCST90200033_build GRCh38.tsv.gz	2H8M vV	53.763 26526
1095 33	1095 33	rs1181 05552	8	99752 583	G	A	1.91E-0 8	0.0207 323	0.27883 1	0.0496 107	GCST90200034_build GRCh38.tsv.gz	8hXhl 6	31.588 6745
1095	1095	rs3900	19	44913	G	T	3.47E-0	0.1075	-0.1262	0.0228	GCST90200034_build	8hXhl	30.423

38	38	82		574			8	2	55	898	GRCh38.tsv.gz	6	78031
1095 39	1095 39	rs7461 7384	6	16057 6086	T	A	1.76E-0 8	0.0718 788	0.16331 4	0.0289 844	GCST90200035_build GRCh38.tsv.gz	jz1Q6t	31.748 13387
1095 61	1095 61	rs1287 8001	14	63772 911	G	T	2.84E-2 1	0.1653 31	-0.1883 76	0.0198 95	GCST90200035_build GRCh38.tsv.gz	jz1Q6t	89.652 67548
1097 01	1097 01	rs1724 8720	19	11087 511	T	C	2.00E-0 9	0.1129 56	-0.1398 81	0.0233 227	GCST90200035_build GRCh38.tsv.gz	jz1Q6t	35.971 60409
1097 15	1097 15	rs9749 077	19	45011 443	G	T	1.06E-0 8	0.4605 23	0.08674 3	0.0151 612	GCST90200035_build GRCh38.tsv.gz	jz1Q6t	32.734 19933
1097 88	1097 88	rs1168 041	1	62494 579	C	T	4.19E-1 0	0.6690 71	0.10008 4	0.0160 218	GCST90200037_build GRCh38.tsv.gz	Dxcyp c	39.021 74586
1100 01	1100 01	rs1745 46	11	61802 358	T	C	1.94E-4 8	0.3401 02	0.22686 5	0.0155 121	GCST90200037_build GRCh38.tsv.gz	Dxcyp c	213.89 16385
1101 06	1101 06	rs1292 8099	16	15056 648	A	C	3.02E-0 8	0.2907 62	-0.0905 156	0.0163 371	GCST90200037_build GRCh38.tsv.gz	Dxcyp c	30.697 07069
1101 47	1101 47	rs1745 53	11	61807 686	G	A	1.51E-7 0	0.3387 04	0.28359 7	0.0159 707	GCST90200039_build GRCh38.tsv.gz	EKho xC	315.32 27905
1103 11	1103 11	rs9641 84	11	11677 8201	C	G	7.79E-1 4	0.8691 26	-0.1699 64	0.0227 413	GCST90200039_build GRCh38.tsv.gz	EKho xC	55.857 7338
1103 71	1103 71	rs2612 90	15	58386 521	C	T	2.88E-6 6	0.6570 6	-0.2806 25	0.0163 2	GCST90200039_build GRCh38.tsv.gz	EKho xC	295.67 35038
1104 86	1104 86	rs6336 95	15	58433 640	G	A	2.25E-3 3	0.2852 64	0.20693 8	0.0171 907	GCST90200039_build GRCh38.tsv.gz	EKho xC	144.90 83369
1105 18	1105 18	rs4830 82	19	44912 921	T	G	1.24E-1 0	0.2237	0.11812	0.0183 582	GCST90200039_build GRCh38.tsv.gz	EKho xC	41.398 69801

1105 36	1105 36	rs1746 22	11	61864 455	A	G	4.00E-0 9	0.2227 42	-0.0996 969	0.0169 428	GCST90200040_build GRCh38.tsv.gz	1pLhv z	34.625 2518
1106 89	1106 89	rs1078 9114	1	62568 551	C	T	1.40E-1 4	0.3403 93	-0.1231 3	0.0159 989	GCST90200041_build GRCh38.tsv.gz	U7nuz n	59.230 78809
1108 43	1108 43	rs1745 60	11	61814 292	C	T	4.92E-4 5	0.3078 7	-0.2320 56	0.0164 792	GCST90200041_build GRCh38.tsv.gz	U7nuz n	198.29 57265
1109 65	1109 65	rs9641 84	11	11677 8201	C	G	1.86E-1 1	0.8688 74	-0.1529 57	0.0227 725	GCST90200041_build GRCh38.tsv.gz	U7nuz n	45.114 61885
1110 64	1110 64	rs1120 7979	1	62517 323	A	G	7.23E-1 0	0.3413 21	-0.0960 105	0.0155 838	GCST90200043_build GRCh38.tsv.gz	Uqxj6 1	37.956 89959
1112 98	1112 98	rs3734 398	6	10982 740	C	T	2.27E-2 3	0.4252 55	-0.1499 09	0.0150 506	GCST90200043_build GRCh38.tsv.gz	Uqxj6 1	99.208 24955
1114 27	1114 27	rs1745 46	11	61802 358	T	C	7.39E-2 6	0.3385 26	-0.1657 29	0.0157 617	GCST90200043_build GRCh38.tsv.gz	Uqxj6 1	110.55 81863
1115 54	1115 54	rs1416 22900	19	44923 535	A	G	2.89E-1 3	0.0583 313	0.24081 2	0.0329 902	GCST90200044_build GRCh38.tsv.gz	0X8a CJ	53.282 71578
1115 58	1115 58	rs1308 1352	3	13622 2574	A	C	7.15E-0 9	0.1175 61	-0.1378 07	0.0238 119	GCST90200045_build GRCh38.tsv.gz	nw6cF i	33.493 03141
1116 00	1116 00	rs1745 60	11	61814 292	C	T	1.15E-4 5	0.3081 36	-0.2326 5	0.0164 026	GCST90200045_build GRCh38.tsv.gz	nw6cF i	201.17 81108
1117 37	1117 37	rs9641 84	11	11677 8201	C	G	7.81E-2 0	0.8689 42	-0.2061 64	0.0226 163	GCST90200045_build GRCh38.tsv.gz	nw6cF i	83.096 4654
1117 69	1117 69	rs1290 4367	15	58255 679	A	G	2.29E-1 1	0.1391 3	0.14799 9	0.0221 356	GCST90200045_build GRCh38.tsv.gz	nw6cF i	44.702 82459
1119	1119	rs1532	15	58391	G	A	4.47E-1	0.6231	-0.3517	0.0154	GCST90200045_build	nw6cF	519.89

03	03	085		167			15	95	19	255	GRCh38.tsv.gz	i	20294
1120 05	1120 05	rs1077 834	15	58431 280	C	T	2.97E-8 4	0.2163 67	0.35737 6	0.0183 75	GCST90200045_build GRCh38.tsv.gz	nw6cF i	378.26 49241
1120 50	1120 50	rs5117	19	44915 533	C	T	3.40E-1 1	0.2218 37	0.12211 6	0.0184 235	GCST90200045_build GRCh38.tsv.gz	nw6cF i	43.934 01187
1121 06	1121 06	rs9379 992	6	10984 097	A	G	3.32E-2 0	0.4304 26	-0.1369 46	0.0148 725	GCST90200046_build GRCh38.tsv.gz	BsA0 PZ	84.787 28877
1122 32	1122 32	rs1745 46	11	61802 358	T	C	1.79E-5 7	0.3383 03	-0.2474 73	0.0154 875	GCST90200046_build GRCh38.tsv.gz	BsA0 PZ	255.32 48041
1123 87	1123 87	rs7505 46	17	17536 144	T	C	3.31E-0 9	0.5363 83	-0.0883 803	0.0149 412	GCST90200046_build GRCh38.tsv.gz	BsA0 PZ	34.989 68111
1124 21	1124 21	rs5573 0499	6	16058 4578	T	C	1.12E-0 8	0.0728 952	0.16427 2	0.0287 636	GCST90200047_build GRCh38.tsv.gz	gcNaj B	32.616 74424
1124 23	1124 23	rs7812 898	8	11262 4710	C	T	2.66E-0 9	0.8795 81	0.13816 4	0.0232 155	GCST90200047_build GRCh38.tsv.gz	gcNaj B	35.418 78938
1124 29	1124 29	rs7160 525	14	63765 502	A	G	6.35E-2 1	0.1641 27	0.18699 3	0.0199 268	GCST90200047_build GRCh38.tsv.gz	gcNaj B	88.059 3701
1125 58	1125 58	rs4385 68	20	12978 039	G	A	1.26E-0 8	0.6157 23	-0.0874 78	0.0153 7	GCST90200047_build GRCh38.tsv.gz	gcNaj B	32.392 90934
1125 80	1125 80	rs3826 884	19	55226 813	A	G	1.41E-2 3	0.1824 41	-0.1981 96	0.0198 045	GCST90200048_build GRCh38.tsv.gz	pgA1o 8	100.15 25487
1126 31	1126 31	rs3645 85	20	12982 070	G	A	9.70E-3 4	0.6155 67	-0.1819 6	0.0150 294	GCST90200049_build GRCh38.tsv.gz	VgwI Q1	146.57 79252
1127 04	1127 04	rs1017 9094	2	23368 9179	A	T	5.12E-1 0	0.3782 91	-0.1145 47	0.0184 296	GCST90200050_build GRCh38.tsv.gz	gGKu 20	38.630 97064

1127 70	1127 70	rs1118 75922	16	28551 158	T	C	2.93E-0 8	0.0188 465	0.35987 7	0.0648 911	GCST90200050_build GRCh38.tsv.gz	gGKu 20	30.756 57069
1127 75	1127 75	rs3441 3922	16	28560 684	T	C	1.35E-0 9	0.0367 241	0.28735	0.0474 107	GCST90200050_build GRCh38.tsv.gz	gGKu 20	36.734 12232
1128 82	1128 82	rs1745 46	11	61802 358	T	C	1.09E-1 00	0.3404 48	0.33129	0.0155 52	GCST90200051_build GRCh38.tsv.gz	isshxz	453.77 87543
1130 29	1130 29	rs1741	16	15036 494	C	G	3.64E-2 4	0.2935 63	-0.1679 45	0.0165 611	GCST90200051_build GRCh38.tsv.gz	isshxz	102.83 85154
1131 98	1131 98	rs1022 75	11	61790 331	C	T	6.45E-2 14	0.3449 59	-0.4759 97	0.0152 485	GCST90200052_build GRCh38.tsv.gz	gHSN fv	974.43 79354
1134 97	1134 97	rs7271 9193	14	67502 391	A	G	8.17E-5 1	0.4777 83	-0.2263 97	0.0151 003	GCST90200052_build GRCh38.tsv.gz	gHSN fv	224.78 64788
1135 73	1135 73	rs1292 8099	16	15056 648	A	C	2.43E-1 0	0.2915 4	0.10626 9	0.0167 839	GCST90200052_build GRCh38.tsv.gz	gHSN fv	40.089 20289
1136 15	1136 15	rs7160 525	14	63765 502	A	G	5.26E-6 0	0.1637 37	0.31183 2	0.0190 858	GCST90200053_build GRCh38.tsv.gz	ghQCj i	266.94 42824
1139 46	1139 46	rs4385 68	20	12978 039	G	A	2.71E-2 6	0.6150 84	-0.1567 24	0.0147 731	GCST90200053_build GRCh38.tsv.gz	ghQCj i	112.54 53976
1140 09	1140 09	rs1308 1352	3	13622 2574	A	C	4.18E-0 8	0.1175 29	-0.1311 47	0.0239 185	GCST90200054_build GRCh38.tsv.gz	mQRg dY	30.064 14383
1140 49	1140 49	rs9978 0	11	61829 161	T	C	2.99E-1 8	0.3459 58	-0.1404 02	0.0161 165	GCST90200054_build GRCh38.tsv.gz	mQRg dY	75.893 59467
1140 80	1140 80	rs7930 786	11	11675 4011	G	C	1.37E-1 0	0.9299 95	-0.1929 77	0.0300 637	GCST90200054_build GRCh38.tsv.gz	mQRg dY	41.202 7538
1141	1141	rs1290	15	58255	A	G	1.07E-0	0.1391	0.13561	0.0222	GCST90200054_build	mQRg	37.201

05	05	4367		679			9	65	9	352	GRCh38.tsv.gz	dY	37526
1142 60	1142 60	rs1532 085	15	58391 167	G	A	1.40E-1 45	0.6231 04	-0.3947 29	0.0153 632	GCST90200054_build GRCh38.tsv.gz	mQRg dY	660.13 795
1143 73	1143 73	rs2070 895	15	58431 740	A	G	9.94E-1 07	0.2159 65	0.40274 5	0.0183 535	GCST90200054_build GRCh38.tsv.gz	mQRg dY	481.52 90832
1144 11	1144 11	rs4830 82	19	44912 921	T	G	2.91E-0 9	0.2236 3	0.10931 4	0.0184 13	GCST90200054_build GRCh38.tsv.gz	mQRg dY	35.245 40182
1144 14	1144 14	rs1177 5560	8	60747 604	G	A	2.47E-0 8	0.1860 31	0.11029	0.0197 805	GCST90200055_build GRCh38.tsv.gz	wupw uU	31.088 35503
1144 55	1144 55	rs4738 038	8	69855 641	G	A	5.89E-1 1	0.4598 81	0.10072 7	0.0153 861	GCST90200055_build GRCh38.tsv.gz	wupw uU	42.858 27599
1144 57	1144 57	rs1176 17764	9	11180 4228	A	G	4.59E-0 8	0.0147 487	-0.3473 41	0.0635 404	GCST90200055_build GRCh38.tsv.gz	wupw uU	29.882 17547
1145 42	1145 42	rs4147 931	19	10644 54	C	G	8.83E-2 6	0.3732 12	0.16559 6	0.0157 742	GCST90200055_build GRCh38.tsv.gz	wupw uU	110.20 59388
1145 90	1145 90	rs6803 79	20	12988 752	G	A	6.31E-1 7	0.6149 56	-0.1306 63	0.0156 308	GCST90200056_build GRCh38.tsv.gz	pIDdS 6	69.878 38162
1146 23	1146 23	rs1260 338	2	27402 794	G	A	5.96E-1 0	0.4330 89	0.09417 68	0.0152 11	GCST90200057_build GRCh38.tsv.gz	kRgeo N	38.332 95741
1146 96	1146 96	rs1022 75	11	61790 331	C	T	2.95E-1 4	0.3459 34	-0.1195 52	0.0157 297	GCST90200057_build GRCh38.tsv.gz	kRgeo N	57.766 06868
1147 66	1147 66	rs1077 989	14	67509 105	C	A	9.86E-1 1	0.4761 64	-0.0972 617	0.0150 348	GCST90200057_build GRCh38.tsv.gz	kRgeo N	41.849 31963
1147 86	1147 86	rs1150 8026	16	56965 416	T	C	5.37E-1 3	0.4314 11	0.10962 4	0.0151 925	GCST90200057_build GRCh38.tsv.gz	kRgeo N	52.065 8304

1148 39	1148 39	rs1022 75	11	61790 331	C	T	2.23E-7 4	0.3452 58	-0.2888 05	0.0158 284	GCST90200058_build GRCh38.tsv.gz	cqVRl X	332.91 65474
1150 51	1150 51	rs7412	19	44908 822	T	C	3.80E-0 8	0.0836 769	0.15202 7	0.0276 425	GCST90200058_build GRCh38.tsv.gz	cqVRl X	30.247 31398
1150 52	1150 52	rs3826 886	19	55229 837	A	G	4.12E-0 8	0.1605 22	-0.1152 75	0.0210 141	GCST90200058_build GRCh38.tsv.gz	cqVRl X	30.091 83505
1150 53	1150 53	rs8852 56	1	16379 8878	C	A	2.61E-0 8	0.2374 69	-0.0996 812	0.0179 091	GCST90200059_build GRCh38.tsv.gz	Nyqm 3g	30.979 82728
1151 80	1151 80	rs1079 9480	1	22412 2555	G	A	2.23E-1 5	0.5949 52	0.12127 7	0.0152 972	GCST90200059_build GRCh38.tsv.gz	Nyqm 3g	62.854 01157
1153 02	1153 02	rs2954 021	8	12546 9835	G	A	5.60E-1 5	0.5102 82	-0.1181 74	0.0151 257	GCST90200059_build GRCh38.tsv.gz	Nyqm 3g	61.039 7726
1153 60	1153 60	rs2244 608	12	12097 9185	G	A	2.10E-1 3	0.3176 42	0.11903 2	0.0162 114	GCST90200059_build GRCh38.tsv.gz	Nyqm 3g	53.912 12101
1154 22	1154 22	rs1260 326	2	27508 073	C	T	2.24E-0 8	0.5876 11	0.08664 93	0.0154 951	GCST90200060_build GRCh38.tsv.gz	qaZ7g T	31.270 96982
1154 34	1154 34	rs1723 1506	16	56960 616	T	C	1.51E-1 2	0.3252 83	0.11412 1	0.0161 324	GCST90200060_build GRCh38.tsv.gz	qaZ7g T	50.041 8289
1154 55	1154 55	rs3826 886	19	55229 837	A	G	6.27E-1 4	0.1603 06	-0.1579 05	0.0210 476	GCST90200061_build GRCh38.tsv.gz	xraJJR	56.284 21338
1155 92	1155 92	rs1088 9340	1	62546 400	C	A	7.84E-1 2	0.6566 76	0.10916 2	0.0159 561	GCST90200062_build GRCh38.tsv.gz	WjBIs h	46.804 70033
1157 52	1157 52	rs1745 60	11	61814 292	C	T	1.52E-2 2	0.3071 94	-0.1618 73	0.0165 689	GCST90200062_build GRCh38.tsv.gz	WjBIs h	95.446 82307
1158	1158	rs1496	18	49579	T	C	1.95E-0	0.0109	0.40913	0.0728	GCST90200062_build	WjBIs	31.544

07	07	15216		658			8	965		455	GRCh38.tsv.gz	h	03127
1158 08	1158 08	rs6753 534	2	27530 004	T	C	4.38E-0 8	0.5446 81	-0.0819 497	0.0149 682	GCST90200063_build GRCh38.tsv.gz	8uzAo 0	29.974 7508
1158 14	1158 14	rs6976 930	7	73471 480	A	G	2.86E-0 8	0.1889 84	-0.1056 13	0.0190 299	GCST90200063_build GRCh38.tsv.gz	8uzAo 0	30.800 78223
1158 30	1158 30	rs9641 84	11	11677 8201	C	G	2.99E-1 2	0.8689 74	-0.1536 91	0.0220 238	GCST90200063_build GRCh38.tsv.gz	8uzAo 0	48.698 13885
1158 91	1158 91	rs1016 2642	15	58284 964	A	G	9.55E-2 0	0.2091 77	-0.1669 3	0.0183 56	GCST90200063_build GRCh38.tsv.gz	8uzAo 0	82.701 3671
1160 00	1160 00	rs2612 91	15	58387 979	C	T	7.56E-1 56	0.3442 04	0.40227 3	0.0151 253	GCST90200063_build GRCh38.tsv.gz	8uzAo 0	707.34 90489
1161 63	1161 63	rs1291 4626	15	58446 224	T	C	3.79E-3 4	0.6964 06	-0.1982 84	0.0162 744	GCST90200063_build GRCh38.tsv.gz	8uzAo 0	148.44 49305
1161 82	1161 82	rs9641 84	11	11677 8201	C	G	5.94E-0 9	0.8689 04	-0.1319 94	0.0226 85	GCST90200064_build GRCh38.tsv.gz	qNhtN 2	33.855 62324
1161 96	1161 96	rs9641 84	11	11677 8201	C	G	4.29E-1 4	0.8688 59	-0.1672 49	0.0221 469	GCST90200065_build GRCh38.tsv.gz	bw1ju x	57.029 71091
1162 41	1162 41	rs1016 2642	15	58284 964	A	G	3.73E-1 1	0.2090 91	-0.1226 22	0.0185 389	GCST90200065_build GRCh38.tsv.gz	bw1ju x	43.749 07419
1162 80	1162 80	rs2612 91	15	58387 979	C	T	5.00E-8 2	0.3446 06	0.29787 9	0.0155 271	GCST90200065_build GRCh38.tsv.gz	bw1ju x	368.04 34342
1164 14	1164 14	rs1291 4626	15	58446 224	T	C	1.39E-2 0	0.6967	-0.1530 15	0.0164 519	GCST90200065_build GRCh38.tsv.gz	bw1ju x	86.503 94047
1164 32	1164 32	rs1575 81	19	44892 457	C	T	1.99E-0 8	0.2142 16	0.10250 1	0.0182 611	GCST90200065_build GRCh38.tsv.gz	bw1ju x	31.506 65775

1165 11	1165 11	rs1168 041	1	62494 579	C	T	2.79E-2 3	0.6702 39	0.15866 4	0.0159 623	GCST90200067_build GRCh38.tsv.gz	saxO8 l	98.802 02827
1168 40	1168 40	rs7860 3490	2	57988 691	A	G	1.42E-0 8	0.0489 057	0.19545 6	0.0344 636	GCST90200067_build GRCh38.tsv.gz	saxO8 l	32.164 49457
1168 92	1168 92	rs1745 67	11	61825 533	G	A	4.87E-4 1	0.3464 48	0.20758 8	0.0154 731	GCST90200067_build GRCh38.tsv.gz	saxO8 l	179.99 06001
1170 62	1170 62	rs8736	19	54173 495	C	T	1.41E-4 3	0.5642 35	-0.2097 48	0.0151 526	GCST90200067_build GRCh38.tsv.gz	saxO8 l	191.61 13978
1170 95	1170 95	rs1745 47	11	61803 311	C	T	1.27E-3 9	0.3627	0.23091 6	0.0175 305	GCST90200068_build GRCh38.tsv.gz	304Q9 p	173.50 79768
1172 14	1172 14	rs2414 577	15	58388 439	C	T	4.42E-1 1	0.3852 48	0.11585 4	0.0175 82	GCST90200068_build GRCh38.tsv.gz	304Q9 p	43.419 56963
1172 24	1172 24	rs5724 10	15	58449 185	G	C	2.17E-0 8	0.7579	-0.1154 41	0.0206 208	GCST90200068_build GRCh38.tsv.gz	304Q9 p	31.340 73232
1173 01	1173 01	rs3757 131	6	25783 681	T	C	2.48E-2 2	0.4439 97	0.16580 1	0.0170 576	GCST90200069_build GRCh38.tsv.gz	JrcOX u	94.479 68555
1174 58	1174 58	rs1260 326	2	27508 073	C	T	3.36E-1 0	0.5861 86	0.09553 16	0.0152 093	GCST90200070_build GRCh38.tsv.gz	bmAL v1	39.452 60192
1174 63	1174 63	rs6034 24	10	10031 5722	A	G	1.70E-1 8	0.1762 66	-0.1714 35	0.0195 35	GCST90200070_build GRCh38.tsv.gz	bmAL v1	77.014 43833
1174 72	1174 72	rs1022 75	11	61790 331	C	T	2.10E-1 2	0.3461 3	-0.1102 06	0.0156 81	GCST90200070_build GRCh38.tsv.gz	bmAL v1	49.392 72305
1175 74	1175 74	rs1077 989	14	67509 105	C	A	2.67E-1 13	0.4771 25	-0.3291 99	0.0145 526	GCST90200070_build GRCh38.tsv.gz	bmAL v1	511.72 40519
1176	1176	rs1744	15	58395	C	T	1.79E-0	0.5950	-0.0877	0.0155	GCST90200070_build	bmAL	31.709

63	63	18		404			8	54	125	764	GRCh38.tsv.gz	v1	45637
1176 74	1176 74	rs1723 1506	16	56960 616	T	C	3.86E-1 5	0.3250 87	0.12443 3	0.0158 322	GCST90200070_build GRCh38.tsv.gz	bmAL v1	61.771 56561
1176 89	1176 89	rs1490 82870	16	89705 857	A	G	1.14E-0 8	0.1004 31	-0.1468 59	0.0257 235	GCST90200072_build GRCh38.tsv.gz	4xXE 5R	32.594 25167
1176 92	1176 92	rs4820 268	22	37073 551	A	G	5.94E-1 0	0.5404 04	-0.0949 954	0.0153 413	GCST90200072_build GRCh38.tsv.gz	4xXE 5R	38.342 53531
1177 34	1177 34	rs1116 76697	6	11089 296	T	G	4.57E-1 0	0.2287 87	0.11178 1	0.0179 331	GCST90200073_build GRCh38.tsv.gz	3pZfF R	38.853 06106
1177 37	1177 37	rs2860 1761	8	12548 7789	G	C	1.25E-0 9	0.4231 06	-0.0928 799	0.0152 936	GCST90200073_build GRCh38.tsv.gz	3pZfF R	36.882 81192
1177 93	1177 93	rs1745 60	11	61814 292	C	T	5.52E-8 5	0.3058 84	-0.3140 42	0.0160 757	GCST90200073_build GRCh38.tsv.gz	3pZfF R	381.62 40035
1180 10	1180 10	rs4932 474	15	89127 273	T	C	4.31E-1 0	0.3914 2	-0.0986 494	0.0158 029	GCST90200073_build GRCh38.tsv.gz	3pZfF R	38.968 64567
1180 19	1180 19	rs1723 1506	16	56960 616	T	C	1.72E-0 9	0.3257 29	0.09682 77	0.0160 793	GCST90200073_build GRCh38.tsv.gz	3pZfF R	36.263 10234
1180 43	1180 43	rs5854 2926	19	19268 740	T	C	1.02E-2 0	0.0758 912	-0.2682 66	0.0287 406	GCST90200073_build GRCh38.tsv.gz	3pZfF R	87.124 36116
1187 46	1187 46	rs4762 697	12	21162 039	T	A	3.93E-2 0	0.7148 9	0.15897 3	0.0172 986	GCST90200074_build GRCh38.tsv.gz	3CzI1 W	84.454 89511
1187 85	1187 85	rs4149 056	12	21178 615	C	T	7.74E-9 8	0.1573 75	0.43426 3	0.0206 869	GCST90200074_build GRCh38.tsv.gz	3CzI1 W	440.67 13605
1192 86	1192 86	rs1745 80	11	61839 170	G	A	1.42E-2 6	0.3502 49	0.17116 8	0.0160 437	GCST90200075_build GRCh38.tsv.gz	JExN A1	113.82 45881

1193 51	1193 51	rs3826 884	19	55226 813	A	G	4.53E-2 1	0.1822 16	-0.1875 89	0.0199 148	GCST90200075_build GRCh38.tsv.gz	JExN A1	88.728 43839
1194 00	1194 00	rs1745 70	11	61829 740	T	C	2.40E-2 6	0.1309 83	0.23601 4	0.0222 227	GCST90200076_build GRCh38.tsv.gz	W41c YO	112.79 29314
1194 39	1194 39	rs7412	19	44908 822	T	C	2.26E-1 5	0.0836 665	0.21818 5	0.0275 265	GCST90200076_build GRCh38.tsv.gz	W41c YO	62.827 21249
1194 47	1194 47	rs3826 884	19	55226 813	A	G	3.60E-0 9	0.1823 64	-0.1172 39	0.0198 652	GCST90200076_build GRCh38.tsv.gz	W41c YO	34.830 38919
1195 07	1195 07	rs1979 722	1	62474 426	A	G	1.67E-1 9	0.3379 13	-0.1437 04	0.0159 092	GCST90200077_build GRCh38.tsv.gz	k52rX g	81.590 76981
1198 47	1198 47	rs1263 8256	3	14293 6448	G	A	4.36E-3 8	0.5318 03	0.19627 8	0.0152 124	GCST90200077_build GRCh38.tsv.gz	k52rX g	166.47 45215
1199 18	1199 18	rs1745 67	11	61825 533	G	A	1.67E-1 6	0.3457 5	0.13153 5	0.0159 556	GCST90200077_build GRCh38.tsv.gz	k52rX g	67.960 47065
1199 49	1199 49	rs9641 84	11	11677 8201	C	G	1.96E-0 8	0.8688 15	-0.1265 69	0.0225 401	GCST90200077_build GRCh38.tsv.gz	k52rX g	31.531 38307
1199 51	1199 51	rs7796 0347	18	49583 585	G	A	1.03E-0 8	0.0141 905	0.36545 9	0.0638 303	GCST90200077_build GRCh38.tsv.gz	k52rX g	32.781 10221
1199 76	1199 76	rs4806 498	19	54171 009	C	T	6.83E-2 4	0.5744 85	-0.1556 39	0.0154 417	GCST90200077_build GRCh38.tsv.gz	k52rX g	101.58 89899
1200 45	1200 45	rs1022 75	11	61790 331	C	T	7.75E-1 11	0.3451 43	-0.3420 18	0.0152 893	GCST90200078_build GRCh38.tsv.gz	uIcGX w	500.40 62457
1202 96	1202 96	rs5854 2926	19	19268 740	T	C	1.15E-1 2	0.0756 786	-0.2023 38	0.0284 539	GCST90200078_build GRCh38.tsv.gz	uIcGX w	50.567 47915
1203	1203	rs6878	5	15696	C	G	3.00E-0	0.6377	0.09019	0.0162	GCST90200079_build	us25a	30.705

53	53	680		0126			8	61	34	766	GRCh38.tsv.gz	C	92155
1203	1203	rs1745	11	61824	G	A	3.79E-1	0.3448	-0.1233	0.0163	GCST90200079_build	us25a	57.271
93	93	66		890			4	91	63	01	GRCh38.tsv.gz	C	86815
1204	1204	rs7930	11	11675	G	C	9.99E-1	0.9293	-0.2339	0.0302	GCST90200079_build	us25a	59.896
22	22	786		4011			5	83	33	266	GRCh38.tsv.gz	C	90512
1204	1204	rs1290	15	58255	A	G	5.23E-1	0.1390	0.14739	0.0224	GCST90200079_build	us25a	43.088
49	49	4367		679			1	31		536	GRCh38.tsv.gz	C	76776
1205	1205	rs1532	15	58391	G	A	2.67E-1	0.6215	-0.3580	0.0156	GCST90200079_build	us25a	525.51
79	79	085		167			16	3	21	177	GRCh38.tsv.gz	C	22572
1206	1206	rs1077	15	58431	C	T	1.37E-8	0.2174	0.37044	0.0185	GCST90200079_build	us25a	398.18
82	82	834		280			8	97		641	GRCh38.tsv.gz	C	78028
1207	1207	rs5900	19	44893	T	G	8.72E-1	0.2041	0.11749	0.0191	GCST90200079_build	us25a	37.591
27	27	7384		408			0	06	2	63	GRCh38.tsv.gz	C	49467
1207	1207	rs1049	1	62440	T	C	1.09E-1	0.3346	-0.1109	0.0163	GCST90200080_build	X2HY	46.159
43	43	3322		222			1	62	94	368	GRCh38.tsv.gz	Wa	91718
1210	1210	rs1263	3	14293	G	A	2.99E-2	0.5308	0.14209	0.0154	GCST90200080_build	X2HY	84.997
13	13	8256		6448			0	78	4	125	GRCh38.tsv.gz	Wa	33337
1210	1210	rs1745	11	61820	G	A	5.24E-1	0.3437	0.10584	0.0161	GCST90200080_build	X2HY	43.084
72	72	64		833			1	81	5	254	GRCh38.tsv.gz	Wa	36553
1211	1211	rs4806	19	54171	C	T	3.22E-3	0.5754	-0.1775	0.0155	GCST90200080_build	X2HY	130.47
22	22	498		009			0	46	9	473	GRCh38.tsv.gz	Wa	49253
1211	1211	rs6646	6	10978	C	T	2.06E-1	0.4513	-0.1038	0.0147	GCST90200081_build	VX08	49.422
85	85	4172		785			2	81	13	669	GRCh38.tsv.gz	3z	51197
1212	1212	rs4999	11	75743	A	C	3.78E-0	0.1614	-0.1172	0.0198	GCST90200081_build	VX08	34.731
99	99	74		976			9	99	53	957	GRCh38.tsv.gz	3z	97494

1213 06	1213 06	rs9641 84	11	11677 8201	C	G	4.38E-0 8	0.8687 5	-0.1196 99	0.0218 633	GCST90200081_build GRCh38.tsv.gz	VX08 3z	29.974 33911
1213 43	1213 43	rs1187 1667	17	17574 533	T	C	2.30E-1 0	0.5265 91	-0.0926 168	0.0146 081	GCST90200081_build GRCh38.tsv.gz	VX08 3z	40.196 85515
1213 51	1213 51	rs2304 128	19	19635 342	T	G	1.84E-0 9	0.0785 347	-0.1659 54	0.0276 051	GCST90200081_build GRCh38.tsv.gz	VX08 3z	36.140 71996
1214 32	1214 32	rs1745 46	11	61802 358	T	C	6.63E-1 40	0.3406 93	0.39604 2	0.0157 284	GCST90200082_build GRCh38.tsv.gz	HpAN VK	634.03 52432
1216 65	1216 65	rs1016 2642	15	58284 964	A	G	2.77E-1 0	0.2092 29	-0.1204 89	0.0190 91	GCST90200082_build GRCh38.tsv.gz	HpAN VK	39.832 48898
1216 87	1216 87	rs2612 90	15	58386 521	C	T	2.40E-5 0	0.6554 21	-0.2456 51	0.0164 633	GCST90200082_build GRCh38.tsv.gz	HpAN VK	222.64 00488
1218 12	1218 12	rs4884 90	15	58445 462	A	C	9.21E-2 8	0.8542 24	-0.2407 21	0.0220 433	GCST90200082_build GRCh38.tsv.gz	HpAN VK	119.25 44888
1218 26	1218 26	rs4830 82	19	44912 921	T	G	2.70E-0 8	0.2237 07	0.10270 2	0.0184 727	GCST90200082_build GRCh38.tsv.gz	HpAN VK	30.909 86068
1218 32	1218 32	rs1260 338	2	27402 794	G	A	1.19E-0 8	0.4336 9	0.08902 43	0.0156 137	GCST90200083_build GRCh38.tsv.gz	blur4t	32.509 13947
1218 37	1218 37	rs1254 4703	8	58397 865	G	A	1.53E-0 8	0.1832 76	-0.1136 83	0.0200 929	GCST90200083_build GRCh38.tsv.gz	blur4t	32.011 48386
1218 50	1218 50	rs1022 75	11	61790 331	C	T	1.38E-2 5	0.3459 68	-0.1682 21	0.0160 894	GCST90200083_build GRCh38.tsv.gz	blur4t	109.31 52426
1220 17	1220 17	rs1077 989	14	67509 105	C	A	9.99E-1 26	0.4764 76	-0.3568 41	0.0149 615	GCST90200083_build GRCh38.tsv.gz	blur4t	568.85 19114
1221	1221	rs1744	15	58395	C	T	1.06E-1	0.5946	-0.1089	0.0160	GCST90200083_build	blur4t	46.210

32	32	18		404			1	47	69	3	GRCh38.tsv.gz		31044
1221 37	1221 37	rs2070 895	15	58431 740	A	G	1.72E-0 8	0.2159 1	0.10622 9	0.0188 428	GCST90200083_build GRCh38.tsv.gz	blur4t	31.783 03085
1221 47	1221 47	rs1214 9545	16	56959 249	A	G	1.36E-1 8	0.3179 89	0.14432 9	0.0164 004	GCST90200083_build GRCh38.tsv.gz	blur4t	77.445 88094
1221 88	1221 88	rs4134 2544	2	16836 3957	C	T	6.63E-1 1	0.2327 14	-0.1194 09	0.0182 893	GCST90200085_build GRCh38.tsv.gz	tYwj9 V	42.626 52752
1221 97	1221 97	rs7659 411	4	47411 104	T	C	3.27E-1 3	0.3563 62	0.11637 6	0.0159 791	GCST90200085_build GRCh38.tsv.gz	tYwj9 V	53.042 28471
1222 29	1222 29	rs3581 8294	4	47543 124	A	C	7.09E-6 1	0.1762 94	0.33348 2	0.0202 6	GCST90200085_build GRCh38.tsv.gz	tYwj9 V	270.93 54997
1225 80	1225 80	rs1177 79137	9	83293 48	T	C	4.45E-0 8	0.0447 97	0.20592 3	0.0376 326	GCST90200085_build GRCh38.tsv.gz	tYwj9 V	29.942 03162
1226 27	1226 27	rs9978 0	11	61829 161	T	C	3.53E-3 3	0.3433 93	-0.1932	0.0160 993	GCST90200086_build GRCh38.tsv.gz	L25ct Y	144.01 25226
1228 67	1228 67	rs7541 058	1	75734 132	T	C	6.95E-2 4	0.3368 63	0.15238 3	0.0151 211	GCST90200088_build GRCh38.tsv.gz	wXUg 9l	101.55 61592
1232 15	1232 15	rs1171 615	10	59709 332	T	C	1.01E-2 1	0.7703 67	0.16763 9	0.0175 06	GCST90200088_build GRCh38.tsv.gz	wXUg 9l	91.701 46518
1232 44	1232 44	rs1799 822	1	53213 557	G	A	1.14E-6 5	0.2274 21	-0.3092 05	0.0180 659	GCST90200089_build GRCh38.tsv.gz	fFccV Y	292.93 67185
1232 72	1232 72	rs5174	1	53247 055	T	C	1.74E-1 8	0.4051 16	0.13828 3	0.0157 629	GCST90200089_build GRCh38.tsv.gz	fFccV Y	76.960 05065
1233 86	1233 86	rs1220 8357	6	16012 2116	T	C	1.49E-1 5	0.0692 172	0.23919 9	0.0299 842	GCST90200089_build GRCh38.tsv.gz	fFccV Y	63.640 52993

1234 09	1234 09	rs1175 3995	6	16015 4334	A	G	3.44E-1 6	0.1653 07	0.16797 2	0.0205 925	GCST90200089_build GRCh38.tsv.gz	fFccV Y	66.535 83895
1234 15	1234 15	rs1171 615	10	59709 332	T	C	1.80E-0 8	0.7695 03	0.10497 3	0.0186 439	GCST90200089_build GRCh38.tsv.gz	fFccV Y	31.701 63696
1236 13	1236 13	rs1799 958	12	12073 8280	A	G	1.15E-8 0	0.2661 62	0.32377 5	0.0170 223	GCST90200089_build GRCh38.tsv.gz	fFccV Y	361.78 4656
1238 99	1238 99	rs6124 830	20	46608 139	C	T	3.41E-2 1	0.1913 33	-0.1858 91	0.0196 725	GCST90200089_build GRCh38.tsv.gz	fFccV Y	89.288 93018
1239 23	1239 23	rs1383 585	4	88098 583	G	A	1.92E-0 8	0.0942 234	0.15163 6	0.0269 85	GCST90200093_build GRCh38.tsv.gz	aqN3T e	31.576 19494
1239 27	1239 27	rs1165 178	6	25827 288	G	A	4.40E-0 8	0.5359 21	-0.0869 832	0.0158 905	GCST90200093_build GRCh38.tsv.gz	aqN3T e	29.963 71352
1239 53	1239 53	rs1241 4218	10	87722 022	A	G	1.66E-0 9	0.3762 45	-0.0953 696	0.0158 215	GCST90200094_build GRCh38.tsv.gz	n8Ba KQ	36.334 9537
1240 46	1240 46	rs8050 812	16	30374 516	C	T	9.57E-1 2	0.7317 15	-0.1177 63	0.0172 855	GCST90200094_build GRCh38.tsv.gz	n8Ba KQ	46.414 51627
1240 79	1240 79	rs1745 46	11	61802 358	T	C	3.23E-5 1	0.3403 01	0.23684 6	0.0157 327	GCST90200095_build GRCh38.tsv.gz	6fXHu L	226.63 42725
1243 34	1243 34	rs1512 32	16	28569 012	C	T	2.15E-4 0	0.5044 38	-0.2416 09	0.0181 587	GCST90200097_build GRCh38.tsv.gz	vZXP 6a	177.03 40106
1245 82	1245 82	rs1728 911	2	27427 062	G	T	6.75E-1 0	0.4335 48	0.09507 4	0.0154 043	GCST90200098_build GRCh38.tsv.gz	KBp WWJ	38.092 51054
1245 98	1245 98	rs1235 2776	9	10510 5569	T	C	2.27E-1 4	0.3115 61	0.12543 6	0.0164 304	GCST90200098_build GRCh38.tsv.gz	KBp WWJ	58.283 83498
1246	1246	rs2476	16	56956	A	C	6.21E-1	0.3261	0.09934	0.0160	GCST90200098_build	KBp	38.254

12	12	17		804			0	69	77	626	GRCh38.tsv.gz	WWJ	62469
1246 98	1246 98	rs1042 2209	19	10263 19	G	C	1.13E-1 6	0.1322 81	-0.1849 3	0.0223 058	GCST90200098_build GRCh38.tsv.gz	KBp WWJ	68.735 18906
1247 69	1247 69	rs3752 246	19	10564 93	C	G	3.05E-7 9	0.8259 23	0.37037 6	0.0196 507	GCST90200098_build GRCh38.tsv.gz	KBp WWJ	355.24 6349
1249 13	1249 13	rs1262 8919	22	42698 730	A	G	2.44E-1 6	0.0866 869	-0.2206 11	0.0269 099	GCST90200098_build GRCh38.tsv.gz	KBp WWJ	67.209 42172
1249 78	1249 78	rs3244 20	1	46405 089	A	C	1.65E-3 2	0.2121 75	0.22674 8	0.0190 987	GCST90200099_build GRCh38.tsv.gz	xaqX Nr	140.95 46204
1250 41	1250 41	rs7306 3122	12	21208 279	C	A	1.36E-2 2	0.1697 04	0.20337 2	0.0207 931	GCST90200099_build GRCh38.tsv.gz	xaqX Nr	95.662 96442
1250 90	1250 90	rs1414 71965	4	88125 050	T	C	9.99E-1 1	0.1096 77	0.14637 5	0.0226 339	GCST90200100_build GRCh38.tsv.gz	KrK1 Hp	41.822 98543
1252 10	1252 10	rs1213 2488	1	46923 941	C	T	1.27E-1 7	0.8750 81	0.20120 2	0.0235 427	GCST90200101_build GRCh38.tsv.gz	2SGb Yg	73.038 53436
1253 30	1253 30	rs2999 545	1	15193 1670	T	A	1.35E-1 0	0.6085 93	-0.1009 31	0.0157 18	GCST90200101_build GRCh38.tsv.gz	2SGb Yg	41.233 91615
1254 92	1254 92	rs1220 8357	6	16012 2116	T	C	5.00E-2 6	0.0708 687	0.31336 9	0.0296 991	GCST90200101_build GRCh38.tsv.gz	2SGb Yg	111.33 34036
1255 14	1255 14	rs1175 3995	6	16015 4334	A	G	4.55E-2 4	0.1675 42	0.20763 2	0.0205 192	GCST90200101_build GRCh38.tsv.gz	2SGb Yg	102.39 24007
1255 25	1255 25	rs1086 4726	1	23016 0406	T	C	2.10E-0 8	0.6018 44	0.08702 92	0.0155 305	GCST90200102_build GRCh38.tsv.gz	Ta4t5 G	31.402 12998
1255 26	1255 26	rs4665 972	2	27375 230	C	T	1.05E-0 9	0.5928 04	-0.0941 744	0.0154 348	GCST90200102_build GRCh38.tsv.gz	Ta4t5 G	37.227 48618

1255 86	1255 86	rs1745 67	11	61825 533	G	A	4.15E-6 8	0.3529 84	0.27006 8	0.0154 862	GCST90200102_build GRCh38.tsv.gz	Ta4t5 G	304.12 80862
1257 88	1257 88	rs2845 6	11	61822 009	G	A	3.47E-8 3	0.3041 9	-0.3281 42	0.0169 823	GCST90200103_build GRCh38.tsv.gz	IgmU kh	373.36 24384
1259 65	1259 65	rs3794 991	19	19499 787	T	C	4.20E-1 3	0.0819 161	-0.2128 29	0.0293 598	GCST90200103_build GRCh38.tsv.gz	IgmU kh	52.547 90708
1260 17	1260 17	rs7562 7662	19	44910 319	T	C	5.79E-2 4	0.1995 08	0.20054 1	0.0198 647	GCST90200103_build GRCh38.tsv.gz	IgmU kh	101.91 59909
1260 42	1260 42	rs3581 8294	4	47543 124	A	C	1.37E-5 1	0.1767 99	0.30035 3	0.0198 764	GCST90200105_build GRCh38.tsv.gz	GWk2 1f	228.34 34152
1264 56	1264 56	rs1172 2463	4	48036 699	A	G	1.50E-2 5	0.3689 72	0.16325 8	0.0156 26	GCST90200105_build GRCh38.tsv.gz	GWk2 1f	109.15 74304
1265 46	1265 46	rs3750 434	9	35739 879	A	G	1.45E-1 1	0.4253 69	0.10398 5	0.0153 983	GCST90200105_build GRCh38.tsv.gz	GWk2 1f	45.603 25468
1265 83	1265 83	rs1082 3631	10	70865 984	G	A	9.49E-1 0	0.3248 48	0.09869 98	0.0161 334	GCST90200105_build GRCh38.tsv.gz	GWk2 1f	37.426 63159
1265 97	1265 97	rs6682 605	1	15195 3981	T	C	3.85E-0 8	0.3161 04	0.08922 62	0.0162 296	GCST90200106_build GRCh38.tsv.gz	kJS8hi	30.225 19856
1266 35	1266 35	rs1291 8852	16	20613 587	T	C	2.40E-1 2	0.3209 98	0.11248 6	0.0160 489	GCST90200106_build GRCh38.tsv.gz	kJS8hi	49.125 43456
1267 04	1267 04	rs9925 773	16	68278 961	G	A	2.93E-0 8	0.7282 48	0.09630 73	0.0173 669	GCST90200107_build GRCh38.tsv.gz	Zm36 65	30.752 03128
1267 11	1267 11	rs6029 6118	22	37024 849	T	C	8.68E-1 2	0.0542 739	-0.2320 4	0.0339 889	GCST90200107_build GRCh38.tsv.gz	Zm36 65	46.607 03707
1267	1267	rs1651	5	31674	G	A	5.31E-1	0.0863	0.17508	0.0281	GCST90200109_build	t8gz2j	38.558

18	18	059		119			0	79	2	955	GRCh38.tsv.gz		79001
1267 92	1267 92	rs1745 64	11	61820 833	G	A	1.18E-8 7	0.3382 94	-0.3269 48	0.0164 738	GCST90200109_build GRCh38.tsv.gz	t8gz2j	393.88 53171
1269 26	1269 26	rs5854 2926	19	19268 740	T	C	6.47E-1 2	0.0745 506	-0.2093 38	0.0304 765	GCST90200109_build GRCh38.tsv.gz	t8gz2j	47.180 87177
1269 84	1269 84	rs4830 82	19	44912 921	T	G	7.98E-2 2	0.2249 52	0.18166 7	0.0189 232	GCST90200109_build GRCh38.tsv.gz	t8gz2j	92.164 34266
1270 17	1270 17	rs6860 806	5	13230 4843	G	A	2.02E-1 0	0.5537 17	-0.0933 562	0.0146 796	GCST90200110_build GRCh38.tsv.gz	Hzyv0 Z	40.444 35259
1271 05	1271 05	rs6034 24	10	10031 5722	A	G	5.69E-1 2	0.1761 38	-0.1303 69	0.0189 289	GCST90200110_build GRCh38.tsv.gz	Hzyv0 Z	47.434 89185
1271 20	1271 20	rs1466 448	19	82246 35	A	C	2.17E-1 4	0.8129 68	0.15655 4	0.0204 916	GCST90200111_build GRCh38.tsv.gz	MG5ft Y	58.368 2399
1271 73	1271 73	rs9790 720	4	47552 471	A	T	4.93E-3 3	0.2374 76	0.22550 9	0.0188 351	GCST90200114_build GRCh38.tsv.gz	ucnE3 k	143.34 80857
1274 96	1274 96	rs2381 400	9	35776 422	A	G	6.40E-0 9	0.2908 07	0.10305 4	0.0177 496	GCST90200114_build GRCh38.tsv.gz	ucnE3 k	33.709 51981
1275 04	1275 04	rs1076 2405	10	70808 679	G	A	7.49E-1 0	0.3063 49	0.10763 2	0.0174 859	GCST90200114_build GRCh38.tsv.gz	ucnE3 k	37.888 45009
1275 39	1275 39	rs7157 785	14	63768 838	T	G	1.32E-3 3	0.1702 01	0.25768 7	0.0213 284	GCST90200115_build GRCh38.tsv.gz	cLfD DJ	145.97 16324
1276 67	1276 67	rs3645 85	20	12982 070	G	A	1.30E-0 9	0.6090 62	-0.1009 58	0.0166 403	GCST90200115_build GRCh38.tsv.gz	cLfD DJ	36.809 43688
1276 91	1276 91	rs7160 525	14	63765 502	A	G	9.17E-3 3	0.1689 05	0.25814 3	0.0216 54	GCST90200116_build GRCh38.tsv.gz	oAA8 Yl	142.11 64796

1278 31	1278 31	rs1047 891	2	21067 5783	A	C	9.07E-1 2	0.3105 91	0.10812 1	0.0158 522	GCST90200117_build GRCh38.tsv.gz	ETuN cv	46.520 14092
1278 34	1278 34	rs4391 005	4	47543 111	G	A	1.43E-0 8	0.3378 07	0.08801 91	0.0155 233	GCST90200117_build GRCh38.tsv.gz	ETuN cv	32.150 35301
1282 76	1282 76	rs1311 6684	4	48035 909	G	A	1.85E-6 8	0.2115 91	0.30643 2	0.0175 248	GCST90200117_build GRCh38.tsv.gz	ETuN cv	305.74 692
1284 63	1284 63	rs1570 249	9	35752 255	A	G	1.93E-1 9	0.4258 68	0.13365 5	0.0148 223	GCST90200117_build GRCh38.tsv.gz	ETuN cv	81.309 11282
1285 73	1285 73	rs5588 13	11	12985 2658	T	C	8.53E-2 4	0.1799 55	0.18971 7	0.0188 637	GCST90200117_build GRCh38.tsv.gz	ETuN cv	101.14 83343
1286 00	1286 00	rs1281 1045	12	11508 9698	G	A	2.23E-0 8	0.2134 6	0.10072 7	0.0180 084	GCST90200117_build GRCh38.tsv.gz	ETuN cv	31.285 38772
1286 11	1286 11	rs3581 8294	4	47543 124	A	C	1.83E-5 7	0.1768 16	0.31098 1	0.0194 636	GCST90200118_build GRCh38.tsv.gz	HLJlh G	255.28 26915
1289 60	1289 60	rs6811 245	4	48026 772	G	A	2.79E-1 5	0.3569 42	0.12248	0.0155 038	GCST90200118_build GRCh38.tsv.gz	HLJlh G	62.409 97962
1290 74	1290 74	rs3750 434	9	35739 879	A	G	1.97E-0 9	0.4251 76	0.09071 82	0.0151 191	GCST90200118_build GRCh38.tsv.gz	HLJlh G	36.002 85737
1290 86	1290 86	rs1185 8759	15	58384 622	A	G	7.19E-0 9	0.2955 44	0.09471 04	0.0163 674	GCST90200118_build GRCh38.tsv.gz	HLJlh G	33.483 89329
1290 90	1290 90	rs3581 8294	4	47543 124	A	C	1.86E-1 4	0.1886 29	0.18991 8	0.0247 935	GCST90200119_build GRCh38.tsv.gz	IDayD H	58.675 47024
1292 85	1292 85	rs7160 525	14	63765 502	A	G	4.89E-1 0	0.1674 25	0.15828 7	0.0254 379	GCST90200119_build GRCh38.tsv.gz	IDayD H	38.719 34346
1293	1293	rs4385	20	12978	G	A	1.14E-0	0.6077	-0.1119	0.0196	GCST90200119_build	IDayD	32.580

01	01	68		039			8	93	24	085	GRCh38.tsv.gz	H	49667
1293 09	1293 09	rs1354 034	3	56815 721	C	T	1.98E-1 0	0.6213 46	0.13605	0.0213 815	GCST90200120_build GRCh38.tsv.gz	OvIPq e	40.487 48063
1293 10	1293 10	rs1287 9147	14	63760 878	A	G	9.03E-1 1	0.1283 44	0.17215 7	0.0265 579	GCST90200121_build GRCh38.tsv.gz	JEvbC i	42.020 56713
1293 86	1293 86	rs2295 601	6	11005 453	A	G	7.30E-1 0	0.2166 42	-0.1489 92	0.0241 894	GCST90200122_build GRCh38.tsv.gz	JqIaxe	37.938 11142
1294 74	1294 74	rs1745 35	11	61783 884	C	T	1.33E-1 2	0.3150 25	-0.1557 6	0.0219 644	GCST90200122_build GRCh38.tsv.gz	JqIaxe	50.289 02188
1297 04	1297 04	rs6682 551	1	22416 4556	C	T	1.20E-1 4	0.4015 06	-0.1184 81	0.0153 549	GCST90200123_build GRCh38.tsv.gz	KEdr B7	59.539 26064
1297 75	1297 75	rs2954 021	8	12546 9835	G	A	7.05E-1 2	0.5100 97	-0.1041 6	0.0151 911	GCST90200123_build GRCh38.tsv.gz	KEdr B7	47.013 59884
1298 00	1298 00	rs4546 1899	9	92068 074	A	C	7.61E-1 0	0.0258 193	-0.2940 56	0.0477 916	GCST90200123_build GRCh38.tsv.gz	KEdr B7	37.857 93749
1298 27	1298 27	rs2244 608	12	12097 9185	G	A	1.39E-1 2	0.3173 83	0.11530 6	0.0162 745	GCST90200123_build GRCh38.tsv.gz	KEdr B7	50.198 24153
1300 11	1300 11	rs3645 85	20	12982 070	G	A	1.11E-8 2	0.6158 5	-0.2935 27	0.0152 382	GCST90200123_build GRCh38.tsv.gz	KEdr B7	371.04 68706
1302 01	1302 01	rs1744 58	11	61889 523	T	C	1.15E-1 2	0.6891 12	0.10318 8	0.0145 102	GCST90200125_build GRCh38.tsv.gz	t8tspf	50.572 17044
1302 24	1302 24	rs7160 525	14	63765 502	A	G	7.22E-3 3	0.1640 29	0.21403 8	0.0179 245	GCST90200125_build GRCh38.tsv.gz	t8tspf	142.58 95402
1303 64	1303 64	rs7160 525	14	63765 502	A	G	1.92E-1 9	0.1645 78	0.16114 7	0.0178 704	GCST90200126_build GRCh38.tsv.gz	2fNJL k	81.315 9804

1305 93	1305 93	rs6824 723	4	82641 160	G	A	4.22E-2 0	0.1921 09	0.19119 7	0.0208 226	GCST90200127_build GRCh38.tsv.gz	qh9d8 X	84.312 55191
1308 43	1308 43	rs1254 4463	8	86468 885	G	A	1.26E-2 0	0.2692 26	0.16939 9	0.0181 917	GCST90200127_build GRCh38.tsv.gz	qh9d8 X	86.711 18346
1309 15	1309 15	rs7506 2282	15	85570 549	C	A	2.51E-0 8	0.0263 051	0.28775 1	0.0516 365	GCST90200127_build GRCh38.tsv.gz	qh9d8 X	31.054 18159
1309 17	1309 17	rs1047 891	2	21067 5783	A	C	4.45E-0 8	0.3100 18	0.07580 1	0.0138 522	GCST90200129_build GRCh38.tsv.gz	ZgUS 1o	29.944 17578
1309 20	1309 20	rs1500 98540	6	16874 6013	G	A	4.44E-0 8	0.0123 726	0.31590 9	0.0577 288	GCST90200129_build GRCh38.tsv.gz	ZgUS 1o	29.946 00809
1309 36	1309 36	rs1745 48	11	61803 876	G	C	1.45E-1 2	0.3082 67	-0.0976 159	0.0137 89	GCST90200129_build GRCh38.tsv.gz	ZgUS 1o	50.115 90558
1310 10	1310 10	rs7160 525	14	63765 502	A	G	1.49E-2 9	0.1642 11	0.19229 1	0.0170 338	GCST90200129_build GRCh38.tsv.gz	ZgUS 1o	127.43 67915
1312 26	1312 26	rs6212 4543	19	81982 49	A	G	1.38E-1 0	0.3474 44	-0.0893 039	0.0139 156	GCST90200129_build GRCh38.tsv.gz	ZgUS 1o	41.184 80155
1312 30	1312 30	rs4546 1899	9	92068 074	A	C	4.44E-0 8	0.0259 457	-0.2482 16	0.0453 583	GCST90200131_build GRCh38.tsv.gz	mbMz zf	29.946 49556
1312 58	1312 58	rs7157 785	14	63768 838	T	G	8.04E-4 0	0.1664 04	0.25119 6	0.0190 206	GCST90200131_build GRCh38.tsv.gz	mbMz zf	174.41 22617
1314 14	1314 14	rs1466 448	19	82246 35	A	C	3.65E-2 6	0.8083 45	0.19108 5	0.0180 592	GCST90200131_build GRCh38.tsv.gz	mbMz zf	111.95 82697
1315 30	1315 30	rs4385 68	20	12978 039	G	A	3.32E-4 2	0.6151 92	-0.2001 75	0.0147 039	GCST90200131_build GRCh38.tsv.gz	mbMz zf	185.33 37842
1316	1316	rs5558	3	19624	C	G	3.97E-0	0.0096	-0.4193	0.0763	GCST90200132_build	vEf8i	30.165

45	45	14385		3633			8	6597	98	614	GRCh38.tsv.gz	H	11227
1318	1318	rs2631	5	13236	G	C	1.13E-1	0.5229	0.10234	0.0150	GCST90200132_build	vEf8i	46.094
22	22	367		9766			1	88	5	745	GRCh38.tsv.gz	H	32169
1318	1318	rs1221	6	11043	G	A	1.37E-2	0.2382	-0.1828	0.0174	GCST90200132_build	vEf8i	109.33
95	95	0538		8805			5	93	4	86	GRCh38.tsv.gz	H	55709
1319	1319	rs4149	12	21178	C	T	4.00E-0	0.1555	0.11339	0.0206	GCST90200132_build	vEf8i	30.148
18	18	056		615			8	94	4	519	GRCh38.tsv.gz	H	11227
1319	1319	rs4546	9	92068	A	C	4.94E-1	0.0259	-0.3175	0.0483	GCST90200134_build	lwzLS	43.199
24	24	1899		074			1	916	96	208	GRCh38.tsv.gz	U	80797
1319	1319	rs9749	19	45011	G	T	1.00E-0	0.4604	0.08940	0.0156	GCST90200134_build	lwzLS	32.840
32	32	077		443			8	57	65	014	GRCh38.tsv.gz	U	59706
1320	1320	rs3645	20	12982	G	A	2.18E-1	0.6144	-0.3815	0.0152	GCST90200134_build	lwzLS	627.05
72	72	85		070			38	93	19	357	GRCh38.tsv.gz	U	77172
1322	1322	rs1431	20	13054	T	C	1.17E-1	0.3762	-0.1018	0.0158	GCST90200134_build	lwzLS	41.513
24	24	431		945			0	66	56	085	GRCh38.tsv.gz	U	74437
1323	1323	rs6860	5	13230	G	A	1.62E-1	0.5523	-0.1275	0.0160	GCST90200135_build	fTFitR	63.475
97	97	806		4843			5	56	74	125	GRCh38.tsv.gz		4897
1325	1325	rs3512	5	14193	A	G	1.15E-1	0.3346	0.10656	0.0165	GCST90200135_build	fTFitR	41.550
70	70	60		0259			0	15		312	GRCh38.tsv.gz		82616
1327	1327	rs1153	8	86484	A	G	7.00E-1	0.2620	0.14182	0.0175	GCST90200135_build	fTFitR	65.134
29	29	9113		947			6	92	5	731	GRCh38.tsv.gz		16105
1327	1327	rs1408	22	30026	A	G	3.53E-0	0.0050	-0.6112	0.1108	GCST90200135_build	fTFitR	30.390
88	88	36436		468			8	821	63	82	GRCh38.tsv.gz		239
1327	1327	rs7407	1	43526	A	T	1.65E-1	0.0074	-0.7237	0.0877	GCST90200136_build	HVh	67.976
93	93	1929		440			6	2635	12	781	GRCh38.tsv.gz	WNw	56194

1328 27	1328 27	rs1056 438	1	53214 206	C	T	1.20E-1 2	0.3170 64	-0.1147 53	0.0161 506	GCST90200136_build GRCh38.tsv.gz	HVh WNw	50.483 65313
1330 83	1330 83	rs1124 2109	5	13234 1354	T	G	5.25E-1 9	0.4771 49	-0.1337 06	0.0150 117	GCST90200136_build GRCh38.tsv.gz	HVh WNw	79.330 83757
1332 59	1332 59	rs2294 866	6	53288 916	A	C	2.96E-0 8	0.2946 31	0.09096 89	0.0164 084	GCST90200136_build GRCh38.tsv.gz	HVh WNw	30.736 42957
1333 11	1333 11	rs1221 0538	6	11043 8805	G	A	7.59E-4 6	0.2389 09	-0.2463 2	0.0173 304	GCST90200136_build GRCh38.tsv.gz	HVh WNw	202.01 43304
1335 85	1335 85	rs1326 7782	8	86469 658	T	G	7.17E-2 9	0.2664 36	0.18586 7	0.0166 699	GCST90200136_build GRCh38.tsv.gz	HVh WNw	124.31 93095
1337 08	1337 08	rs7520 2638	11	68442 953	T	C	2.73E-0 9	0.1468 76	-0.1272 23	0.0213 926	GCST90200136_build GRCh38.tsv.gz	HVh WNw	35.367 48052
1337 71	1337 71	rs1125 49564	11	68631 341	T	C	2.12E-3 4	0.1091 64	0.29134 3	0.0238 196	GCST90200136_build GRCh38.tsv.gz	HVh WNw	149.60 2981
1340 22	1340 22	rs7549 319	1	53191 895	T	C	4.47E-1 1	0.3520 23	-0.1064 13	0.0161 534	GCST90200137_build GRCh38.tsv.gz	St1wE i	43.397 17697
1342 11	1342 11	rs7656 006	4	82633 714	C	T	7.77E-3 7	0.1888 46	0.24977 2	0.0197 003	GCST90200137_build GRCh38.tsv.gz	St1wE i	160.74 66102
1344 76	1344 76	rs7279 5121	5	13230 2631	A	T	2.39E-1 3	0.4713 72	-0.1143 15	0.0156 068	GCST90200137_build GRCh38.tsv.gz	St1wE i	53.651 10998
1349 87	1349 87	rs1324 9753	8	86500 987	G	A	6.22E-7 1	0.2566 86	0.30588 3	0.0171 775	GCST90200137_build GRCh38.tsv.gz	St1wE i	317.09 60028
1350 91	1350 91	rs2229 738	11	68794 860	T	C	3.39E-1 0	0.0700 571	0.18887 7	0.0300 769	GCST90200137_build GRCh38.tsv.gz	St1wE i	39.435 92286
1350	1350	rs1745	11	61781	A	G	1.48E-1	0.2806	-0.1943	0.0214	GCST90200138_build	dsStSe	81.834

97	97	33		553			9	51	68	861	GRCh38.tsv.gz		10678
1356 28	1356 28	rs2745 56	5	13238 6383	G	A	4.92E-5 1	0.2943 03	0.24628 4	0.0163 898	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	225.80 05986
1357 20	1357 20	rs1492 35996	5	15134 0348	G	A	5.36E-0 9	0.0122 479	-0.4023 35	0.0689 432	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	34.055 93076
1358 70	1358 70	rs1221 0538	6	11043 8805	G	A	2.09E-1 64	0.2376 5	-0.4645 59	0.0170 007	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	746.70 34345
1361 94	1361 94	rs3513 1026	10	45519 311	A	G	1.88E-2 1	0.0671 494	0.28565 3	0.0300 329	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	90.465 51063
1367 90	1367 90	rs1171 617	10	59707 424	T	G	5.29E-1 4	0.7685 22	0.13804 9	0.0183 464	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	56.619 34149
1368 42	1368 42	rs6189 7793	11	61831 875	A	G	3.14E-3 4	0.1803 79	0.23874 8	0.0195 707	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	148.82 18726
1369 12	1369 12	rs2229 738	11	68794 860	T	C	1.46E-1 3	0.0705 184	0.21721 9	0.0293 891	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	54.628 97435
1369 61	1369 61	rs2199 680	12	21262 562	T	A	2.89E-1 1	0.1619 56	0.13727 6	0.0206 358	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	44.253 39681
1369 67	1369 67	rs4985 124	16	15031 584	G	T	5.49E-1 7	0.3004 58	-0.1375 14	0.0164 18	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	70.154 14359
1370 24	1370 24	rs2024 635	20	34834 811	A	G	3.93E-0 8	0.6176 91	-0.0865 731	0.0157 573	GCST90200139_build GRCh38.tsv.gz	HmL Vcn	30.185 77502
1370 34	1370 34	rs1084 6744	12	12482 7879	C	G	8.38E-1 1	0.1552 83	0.13892 9	0.0213 945	GCST90200140_build GRCh38.tsv.gz	7uRLy J	42.167 85763
1371 75	1371 75	rs1292 7647	16	81226 288	C	A	1.16E-5 0	0.4993 64	-0.2292 56	0.0153 15	GCST90200140_build GRCh38.tsv.gz	7uRLy J	224.08 22307

1371 96	1371 96	rs1084 6742	12	12482 4136	A	G	5.33E-1 2	0.8321 23	-0.1435 52	0.0208 154	GCST90200142_build GRCh38.tsv.gz	3EDcz 2	47.560 78052
1373 47	1373 47	rs9708 919	16	81227 181	T	C	3.03E-5 8	0.4809 38	0.24652 9	0.0153 225	GCST90200142_build GRCh38.tsv.gz	3EDcz 2	258.86 70461
1374 01	1374 01	rs1778 5370	1	53239 502	T	A	5.25E-1 5	0.3157 69	-0.1318 29	0.0168 562	GCST90200143_build GRCh38.tsv.gz	dWH Cxb	61.164 94144
1375 40	1375 40	rs7656 006	4	82633 714	C	T	5.97E-3 2	0.1902 34	0.23296 7	0.0198 03	GCST90200143_build GRCh38.tsv.gz	dWH Cxb	138.39 7052
1378 79	1378 79	rs1124 2109	5	13234 1354	T	G	4.95E-1 6	0.4741 26	-0.1264 11	0.0155 821	GCST90200143_build GRCh38.tsv.gz	dWH Cxb	65.813 92008
1383 32	1383 32	rs6680 8088	8	86508 983	T	C	2.84E-3 3	0.2595 66	0.20926 3	0.0174 116	GCST90200143_build GRCh38.tsv.gz	dWH Cxb	144.44 6669
1383 70	1383 70	rs2229 738	11	68794 860	T	C	5.36E-1 1	0.0708 932	0.19752 6	0.0301 077	GCST90200143_build GRCh38.tsv.gz	dWH Cxb	43.042 09268
1386 42	1386 42	rs1564 03	5	13236 0627	G	A	1.18E-2 3	0.7048 51	-0.1676 44	0.0167 219	GCST90200144_build GRCh38.tsv.gz	um1jU K	100.50 89614
1388 35	1388 35	rs1221 0538	6	11043 8805	G	A	3.70E-7 2	0.2352 01	-0.3176 29	0.0176 81	GCST90200144_build GRCh38.tsv.gz	um1jU K	322.72 05688
1388 94	1388 94	rs1123 9541	10	45506 418	T	C	1.62E-0 8	0.3209 84	0.09281 16	0.0164 318	GCST90200144_build GRCh38.tsv.gz	um1jU K	31.903 19943
1389 08	1389 08	rs5831 0495	12	21204 777	T	C	1.22E-1 1	0.1562 62	0.14251 4	0.0210 267	GCST90200144_build GRCh38.tsv.gz	um1jU K	45.938 0782
1389 60	1389 60	rs3581 8294	4	47543 124	A	C	2.33E-5 0	0.1768 48	0.29805	0.0199 722	GCST90200145_build GRCh38.tsv.gz	o3Pxb e	222.70 31908
1393	1393	rs1173	4	48037	T	A	9.18E-1	0.3690	0.12195	0.0157	GCST90200145_build	o3Pxb	60.063

02	02	6427		885			5	69	8	364	GRCh38.tsv.gz	e	38648
1393 52	1393 52	rs3750 434	9	35739 879	A	G	1.33E-1 4	0.4255 53	0.11890 3	0.0154 37	GCST90200145_build GRCh38.tsv.gz	o3Pxx e	59.328 01477
1393 80	1393 80	rs7160 525	14	63765 502	A	G	5.89E-1 5	0.1644 74	0.15914 9	0.0203 875	GCST90200145_build GRCh38.tsv.gz	o3Pxx e	60.936 8331
1394 82	1394 82	rs1871 194	19	82189 35	A	C	1.07E-3 0	0.5383 95	0.18371 6	0.0159 503	GCST90200145_build GRCh38.tsv.gz	o3Pxx e	132.66 49661
1395 22	1395 22	rs4385 68	20	12978 039	G	A	1.43E-1 3	0.6153 94	-0.1159 29	0.0156 794	GCST90200145_build GRCh38.tsv.gz	o3Pxx e	54.667 00738
1395 39	1395 39	rs2706 07	5	13231 3493	G	A	9.36E-1 0	0.6908 44	-0.1139 78	0.0186 24	GCST90200146_build GRCh38.tsv.gz	qAipb I	37.453 82165
1396 05	1396 05	rs1746 764	6	10948 633	A	G	3.09E-0 8	0.4364 71	0.09761 64	0.0176 326	GCST90200146_build GRCh38.tsv.gz	qAipb I	30.648 75683
1396 06	1396 06	rs1220 8357	6	16012 2116	T	C	3.42E-0 8	0.0719 326	0.18254 3	0.0330 773	GCST90200146_build GRCh38.tsv.gz	qAipb I	30.455 81761
1396 33	1396 33	rs1335 7247	5	13080 1664	T	C	4.00E-1 2	0.0494 076	-0.2395 64	0.0345 332	GCST90200147_build GRCh38.tsv.gz	5T0Q Cw	48.124 85833
1402 52	1402 52	rs2728 57	5	13234 9604	A	G	2.06E-3 1	0.6266 91	-0.1793 7	0.0153 843	GCST90200147_build GRCh38.tsv.gz	5T0Q Cw	135.93 90203
1404 53	1404 53	rs9382 940	6	14133 342	T	C	3.04E-0 8	0.1622 86	0.11442 1	0.0206 573	GCST90200147_build GRCh38.tsv.gz	5T0Q Cw	30.680 63646
1404 56	1404 56	rs1122 01728	6	16013 0454	T	C	2.37E-0 9	0.0689 951	0.17609 6	0.0294 943	GCST90200147_build GRCh38.tsv.gz	5T0Q Cw	35.646 98436
1404 76	1404 76	rs1123 9528	10	45459 588	G	A	4.10E-1 1	0.2471 34	-0.1143 04	0.0173 178	GCST90200147_build GRCh38.tsv.gz	5T0Q Cw	43.564 96983

1405 23	1405 23	rs1187 1125	17	19529 080	T	C	2.37E-1 3	0.3947 53	0.11322 3	0.0154 553	GCST90200147_build GRCh38.tsv.gz	5T0Q Cw	53.667 87961
1405 41	1405 41	rs7732 0796	1	39929 523	G	A	2.11E-0 8	0.2535 72	0.09737 92	0.0173 797	GCST90200148_build GRCh38.tsv.gz	bITw4 P	31.394 08672
1406 68	1406 68	rs4705 933	5	13234 2719	A	G	4.06E-1 3	0.6186 52	-0.1120 05	0.0154 413	GCST90200148_build GRCh38.tsv.gz	bITw4 P	52.614 70011
1407 62	1407 62	rs1221 0538	6	11043 8805	G	A	8.28E-2 0	0.2380 98	-0.1594 42	0.0175 029	GCST90200148_build GRCh38.tsv.gz	bITw4 P	82.982 29539
1407 83	1407 83	rs7407 1929	1	43526 440	A	T	1.07E-1 3	0.0074 936	-0.6560 02	0.0882 734	GCST90200149_build GRCh38.tsv.gz	ltdx0 X	55.226 89387
1408 28	1408 28	rs1273 7375	1	53209 860	C	T	3.19E-4 6	0.3170 57	-0.2305 07	0.0161 49	GCST90200149_build GRCh38.tsv.gz	ltdx0 X	203.74 03125
1411 84	1411 84	rs3888 91	5	13236 5102	G	C	5.27E-2 3	0.7058 32	-0.1632 14	0.0165 257	GCST90200149_build GRCh38.tsv.gz	ltdx0 X	97.542 77078
1413 06	1413 06	rs1221 0538	6	11043 8805	G	A	1.71E-3 1	0.2390 83	-0.2050 48	0.0175 629	GCST90200149_build GRCh38.tsv.gz	ltdx0 X	136.30 7144
1414 64	1414 64	rs1254 4463	8	86468 885	G	A	5.93E-1 9	0.2665 49	0.15013 4	0.0168 815	GCST90200149_build GRCh38.tsv.gz	ltdx0 X	79.092 6351
1416 03	1416 03	rs2510 374	11	68633 911	G	A	1.51E-3 6	0.1109 36	0.30098 6	0.0238 374	GCST90200149_build GRCh38.tsv.gz	ltdx0 X	159.43 17534
1416 59	1416 59	rs7101 947	11	68684 660	T	C	3.04E-1 0	0.7006 71	0.10586 2	0.0168 119	GCST90200149_build GRCh38.tsv.gz	ltdx0 X	39.650 31055
1422 09	1422 09	rs6356 19	5	13238 4573	A	G	1.34E-5 3	0.2940 75	0.24666 3	0.0160 037	GCST90200150_build GRCh38.tsv.gz	wbE6 xj	237.55 66625
1424	1424	rs1221	6	11043	G	A	6.41E-1	0.2372	-0.4662	0.0165	GCST90200150_build	wbE6	790.45

75	75	0538		8805			74	34	21	826	GRCh38.tsv.gz	xj	72975
1427	1427	rs7149	10	45512	G	A	2.81E-2	0.0669	0.29826	0.0293	GCST90200150_build	wbE6	103.35
96	96	6604		385			4	517	5	389	GRCh38.tsv.gz	xj	15357
1433	1433	rs1171	10	59709	C	T	8.09E-1	0.7709	0.15919	0.0179	GCST90200150_build	wbE6	78.477
82	82	614		780			9	86	5	704	GRCh38.tsv.gz	xj	17452
1434	1434	rs1745	11	61811	G	A	1.52E-6	0.3359	-0.2685	0.0154	GCST90200150_build	wbE6	301.53
39	39	54		991			7	6	77	667	GRCh38.tsv.gz	xj	81828
1436	1436	rs2229	11	68794	T	C	1.32E-1	0.0700	0.23772	0.0287	GCST90200150_build	wbE6	68.414
09	09	738		860			6	598	5	409	GRCh38.tsv.gz	xj	63037
1436	1436	rs2199	12	21262	T	A	7.66E-1	0.1620	0.1379	0.0201	GCST90200150_build	wbE6	46.852
62	62	680		562			2	61		465	GRCh38.tsv.gz	xj	12745
1436	1436	rs4500	16	15046	T	C	6.54E-0	0.3103	-0.0924	0.0159	GCST90200150_build	wbE6	33.667
70	70	751		354			9	09	316	299	GRCh38.tsv.gz	xj	80805
1437	1437	rs2024	20	34834	A	G	1.82E-0	0.6184	-0.0923	0.0153	GCST90200150_build	wbE6	36.161
36	36	635		811			9	03	412	559	GRCh38.tsv.gz	xj	00379
1438	1438	rs1213	1	75764	A	C	3.57E-0	0.3338	-0.0875	0.0158	GCST90200151_build	3ZBo	30.367
29	29	6754		547			8	2	856	939	GRCh38.tsv.gz	Xj	18019
1438	1438	rs6034	10	10031	A	G	1.71E-1	0.1729	-0.1341	0.0199	GCST90200151_build	3ZBo	45.276
32	32	24		5722			1	89	79	41	GRCh38.tsv.gz	Xj	7489
1439	1439	rs7524	1	75728	G	C	5.38E-1	0.3222	0.12950	0.0179	GCST90200152_build	yCtK	52.060
15	15	467		369			3	54	4	485	GRCh38.tsv.gz	QG	7052
1440	1440	rs1047	2	21067	A	C	1.23E-4	0.3256	0.26211	0.0180	GCST90200152_build	yCtK	210.22
82	82	891		5783			7	09	1	777	GRCh38.tsv.gz	QG	48952
1443	1443	rs5966	11	67592	G	T	3.18E-1	0.5668	-0.1386	0.0169	GCST90200152_build	yCtK	66.691
19	19	03		132			6	55	94	833	GRCh38.tsv.gz	QG	60737

1443 82	1443 82	rs1187 208	4	86707 772	G	A	2.13E-0 8	0.8815 5	0.12762 5	0.0227 854	GCST90200153_build GRCh38.tsv.gz	XmWt oH	31.373 15507
1445 61	1445 61	rs6249 2368	7	15084 0547	A	G	4.57E-6 0	0.3033 74	-0.2604 73	0.0159 34	GCST90200153_build GRCh38.tsv.gz	XmWt oH	267.22 42079
1445 93	1445 93	rs1198 1217	7	15085 9064	A	G	1.60E-2 1	0.1114 97	0.22055 5	0.0231 468	GCST90200153_build GRCh38.tsv.gz	XmWt oH	90.792 90191
1447 21	1447 21	rs5954 0563	10	13314 4983	T	C	4.41E-0 8	0.1682 14	0.10728 3	0.0195 995	GCST90200153_build GRCh38.tsv.gz	XmWt oH	29.962 07137
1448 03	1448 03	rs4240 520	10	13338 3915	A	G	1.08E-3 1	0.8745 43	-0.2592 77	0.0221 341	GCST90200153_build GRCh38.tsv.gz	XmWt oH	137.21 58406
1448 62	1448 62	rs1483 81953	22	50123 655	G	A	5.30E-4 6	0.0179 115	0.78866 5	0.0553 901	GCST90200153_build GRCh38.tsv.gz	XmWt oH	202.73 13149
1449 20	1449 20	rs1177 442	6	25808 841	G	A	8.50E-1 3	0.5554 81	-0.1099 11	0.0153 66	GCST90200154_build GRCh38.tsv.gz	QXb6 1k	51.163 54885
1449 82	1449 82	rs9994 887	4	68671 757	G	A	7.45E-1 3	0.4710 15	0.10614 2	0.0148 019	GCST90200156_build GRCh38.tsv.gz	6iyL3l	51.420 89147
1450 71	1450 71	rs1125 2866	10	49880 75	T	C	6.17E-3 1	0.0900 459	-0.2969 28	0.0256 737	GCST90200156_build GRCh38.tsv.gz	6iyL3l	133.75 97295
1453 07	1453 07	rs1292 7647	16	81226 288	C	A	3.08E-3 8	0.4987 06	-0.2066 9	0.0159 863	GCST90200157_build GRCh38.tsv.gz	F8hST I	167.16 40995
1453 78	1453 78	rs7727 038	5	13225 4564	T	C	2.11E-1 4	0.5542 78	-0.1191 61	0.0155 894	GCST90200158_build GRCh38.tsv.gz	ODXi OB	58.426 44704
1456 89	1456 89	rs1158 5983	1	46927 092	C	T	2.13E-1 2	0.7924 97	0.13043 5	0.0185 658	GCST90200159_build GRCh38.tsv.gz	yun6 Wp	49.358 38596
1459	1459	rs1162	14	73566	G	A	2.48E-3	0.4229	-0.1915	0.0152	GCST90200159_build	yun6	158.43

19	19	6972		890			6	76	63	189	GRCh38.tsv.gz	Wp	70446
1460 41	1460 41	rs1047 891	2	21067 5783	A	C	1.07E-4 4	0.3241 92	0.24601 5	0.0175 39	GCST90200160_build GRCh38.tsv.gz	k9r7P R	196.74 94464
1462 31	1462 31	rs5966 03	11	67592 132	G	T	2.53E-1 3	0.5683 71	-0.1206 35	0.0164 865	GCST90200160_build GRCh38.tsv.gz	k9r7P R	53.541 40004
1475 26	1475 26	rs4762 697	12	21162 039	T	A	1.11E-5 4	0.7145 61	0.26118 4	0.0167 713	GCST90200164_build GRCh38.tsv.gz	JvDZP d	242.52 67698
1475 71	1475 71	rs4149 056	12	21178 615	C	T	1.25E-2 33	0.1547 14	0.64305 7	0.0197 037	GCST90200164_build GRCh38.tsv.gz	JvDZP d	1065.1 3184
1490 27	1490 27	rs4762 697	12	21162 039	T	A	4.25E-3 3	0.7141 79	0.20051 6	0.0167 302	GCST90200165_build GRCh38.tsv.gz	6mJK Oi	143.64 67483
1490 70	1490 70	rs4149 056	12	21178 615	C	T	9.73E-1 27	0.1551 45	0.47979 4	0.0200 349	GCST90200165_build GRCh38.tsv.gz	6mJK Oi	573.50 24363
1496 45	1496 45	rs6210 7766	19	15872 675	A	T	1.55E-2 3	0.2961 27	-0.1632 01	0.0163 224	GCST90200165_build GRCh38.tsv.gz	6mJK Oi	99.971 81986
1498 72	1498 72	rs1504 04394	1	75701 297	G	C	8.28E-1 3	0.3367 11	0.11315 3	0.0158 115	GCST90200167_build GRCh38.tsv.gz	1T1u3 q	51.213 68204
1502 12	1502 12	rs2223 607	6	95571 66	T	A	4.86E-0 8	0.0026 9047	0.69943 7	0.1281 87	GCST90200168_build GRCh38.tsv.gz	7xu2Z j	29.772 08415
1502 25	1502 25	rs7160 525	14	63765 502	A	G	1.87E-2 7	0.1643 95	0.20295 3	0.0186 953	GCST90200169_build GRCh38.tsv.gz	PU4C Kc	117.84 90466
1503 58	1503 58	rs1321 940	20	12979 237	G	A	1.76E-0 8	0.6137 86	-0.0812 431	0.0144 204	GCST90200169_build GRCh38.tsv.gz	PU4C Kc	31.740 8358
1515 31	1515 31	rs4762 697	12	21162 039	T	A	2.46E-4 4	0.7146 15	0.23580 4	0.0168 823	GCST90200170_build GRCh38.tsv.gz	Vzs35 c	195.09 18418

1515 75	1515 75	rs4149 056	12	21178 615	C	T	1.37E-1 70	0.1554 41	0.55774 9	0.0200 331	GCST90200170_build GRCh38.tsv.gz	Vzs35 c	775.14 20243
1521 50	1521 50	rs1475 09526	19	15665 520	T	C	3.55E-0 9	0.0135 876	0.38976	0.0660 181	GCST90200170_build GRCh38.tsv.gz	Vzs35 c	34.855 27318
1522 69	1522 69	rs2108 622	19	15879 621	T	C	1.24E-2 4	0.2966 43	-0.1687 43	0.0164 704	GCST90200170_build GRCh38.tsv.gz	Vzs35 c	104.96 46927
1523 76	1523 76	rs3500 8345	11	64556 141	T	C	6.00E-1 3	0.0043 3403	-0.8199 54	0.1138 75	GCST90200171_build GRCh38.tsv.gz	x5c9V j	51.846 82876
1523 78	1523 78	rs7255 1330	2	23367 2032	C	T	1.39E-2 2	0.0146 558	0.61764 6	0.0631 631	GCST90200172_build GRCh38.tsv.gz	MCc9 Ld	95.620 80442
1524 20	1524 20	rs5567 1363	7	76164 087	C	T	3.52E-0 9	0.2064 95	-0.1106 98	0.0187 452	GCST90200172_build GRCh38.tsv.gz	MCc9 Ld	34.873 8096
1533 31	1533 31	rs1341 164	10	95041 116	C	T	6.64E-3 3	0.2823 41	0.20140 7	0.0168 568	GCST90200172_build GRCh38.tsv.gz	MCc9 Ld	142.75 74734
1536 42	1536 42	rs1135 13789	10	99849 162	A	G	4.65E-1 0	0.0597 106	0.20118 3	0.0322 895	GCST90200172_build GRCh38.tsv.gz	MCc9 Ld	38.820 3923
1538 17	1538 17	rs1890 452	1	75726 823	A	G	7.16E-1 7	0.3369 06	0.12915 7	0.0154 782	GCST90200173_build GRCh38.tsv.gz	bkPIJ Y	69.629 77465
1543 08	1543 08	rs7541 058	1	75734 132	T	C	1.39E-2 4	0.3368 96	0.15507 1	0.0151 517	GCST90200174_build GRCh38.tsv.gz	Zs3R3 Q	104.74 62417
1546 50	1546 50	rs1047 891	2	21067 5783	A	C	6.48E-9 9	0.3102 14	0.32374 7	0.0153 364	GCST90200174_build GRCh38.tsv.gz	Zs3R3 Q	445.61 99762
1550 80	1550 80	rs5966 03	11	67592 132	G	T	1.62E-1 2	0.5719 4	-0.1025 31	0.0145 144	GCST90200174_build GRCh38.tsv.gz	Zs3R3 Q	49.901 34037
1551	1551	rs1256	1	46841	T	C	3.07E-1	0.1158	0.21001	0.0241	GCST90200175_build	vWSL	75.842

95	95	6735		665			8	54	3	152	GRCh38.tsv.gz	wB	14744
1553	1553	rs2130	1	15192	C	T	3.98E-1	0.6070	-0.1192	0.0157	GCST90200175_build	vWSL	57.179
89	89	525		9625			4	41	18	66	GRCh38.tsv.gz	wB	535
1555	1555	rs1343	2	12664	T	C	1.25E-0	0.0511	-0.2027	0.0356	GCST90200175_build	vWSL	32.401
15	15	1728		0182			8	094	82	244	GRCh38.tsv.gz	wB	3934
1556	1556	rs1439	10	94700	A	G	1.89E-3	0.0620	0.39838	0.0320	GCST90200175_build	vWSL	154.40
58	58	66491		521			5	609	3	61	GRCh38.tsv.gz	wB	00609
1562	1562	rs1890	1	75726	A	G	9.11E-1	0.3389	0.13995	0.0158	GCST90200176_build	lUnX	78.243
78	78	452		823			9	87	2	218	GRCh38.tsv.gz	Qk	17002
1566	1566	rs1496	19	47485	G	A	1.38E-0	0.0043	0.77310	0.1361	GCST90200178_build	yTnhj	32.221
74	74	78678		244			8	6501	1	95	GRCh38.tsv.gz	u	82555
1567	1567	rs1489	7	99477	C	T	2.89E-9	0.0369	0.88903	0.0427	GCST90200179_build	riMLF	433.44
88	88	82377		415			6	674	9	024	GRCh38.tsv.gz	s	80535
1568	1568	rs6247	7	99676	G	A	4.06E-1	0.0490	-0.2541	0.0384	GCST90200179_build	riMLF	43.583
64	64	1929		693			1	866	62	991	GRCh38.tsv.gz	s	29737
1570	1570	rs1172	7	10039	A	G	1.79E-0	0.0080	0.52215	0.0927	GCST90200179_build	riMLF	31.714
53	53	09214		6354			8	5779	1	191	GRCh38.tsv.gz	s	20385
1570	1570	rs1249	3	12233	C	T	4.17E-0	0.0908	0.17349	0.0316	GCST90200180_build	CJKrg	30.069
66	66	1981		9026			8	066		382	GRCh38.tsv.gz	p	44137
1570	1570	rs1170	6	14722	G	A	3.00E-0	0.0241	-0.2427	0.0438	GCST90200181_build	kLIo7	30.708
68	68	50209		4087			8	867	88	128	GRCh38.tsv.gz	p	06258
1570	1570	rs2065	1	46809	A	G	1.60E-1	0.1748	0.14917	0.0233	GCST90200182_build	rQy1h	40.899
86	86	996		569			0	17	9	265	GRCh38.tsv.gz	a	33271
1571	1571	rs2130	1	15192	C	T	2.84E-0	0.5996	-0.1066	0.0179	GCST90200182_build	rQy1h	35.289
70	70	525		9625			9	59	1	462	GRCh38.tsv.gz	a	93674

1572 02	1572 02	rs1320 0784	6	25829 405	T	A	2.91E-1 0	0.2556 73	0.12873 2	0.0204 231	GCST90200182_build GRCh38.tsv.gz	rQy1h a	39.731 01916
1580 27	1580 27	rs1340 8433	2	73655 945	A	G	3.20E-2 36	0.2248 06	0.55086 6	0.0167 852	GCST90200183_build GRCh38.tsv.gz	4oyYi b	1077.0 57516
1583 88	1583 88	rs2470 528	3	15643 959	G	T	2.85E-1 0	0.0515 69	0.21254 9	0.0337 026	GCST90200183_build GRCh38.tsv.gz	4oyYi b	39.773 27199
1584 17	1584 17	rs3803 42	14	60146 689	A	G	1.17E-0 9	0.1593 06	0.12284 7	0.0201 898	GCST90200183_build GRCh38.tsv.gz	4oyYi b	37.022 4433
1584 71	1584 71	rs1440 25042	16	75114 533	A	G	1.31E-0 8	0.0105 398	-0.4169 04	0.0733 33	GCST90200183_build GRCh38.tsv.gz	4oyYi b	32.320 139
1585 63	1585 63	rs1000 0291	4	17011 3591	T	C	2.99E-1 0	0.3777 33	0.09545 08	0.0151 521	GCST90200184_build GRCh38.tsv.gz	U60at L	39.683 82169
1586 06	1586 06	rs1165 211	6	25800 694	C	T	3.65E-1 0	0.3016 62	0.09950 25	0.0158 74	GCST90200184_build GRCh38.tsv.gz	U60at L	39.291 19459
1587 04	1587 04	rs2977 995	9	12882 1966	G	A	1.40E-6 2	0.7475 45	0.27505 3	0.0164 742	GCST90200184_build GRCh38.tsv.gz	U60at L	278.75 59231
1587 75	1587 75	rs1164 7808	16	58736 977	A	C	3.43E-1 1	0.0790 336	0.17785 7	0.0268 39	GCST90200184_build GRCh38.tsv.gz	U60at L	43.914 63369
1590 36	1590 36	rs5751 777	22	23924 860	T	C	2.42E-1 60	0.5905 67	0.38278 2	0.0141 867	GCST90200184_build GRCh38.tsv.gz	U60at L	728.01 48607
1591 67	1591 67	rs3732 055	2	21046 9984	C	A	1.34E-1 0	0.4759 47	0.09967 42	0.0155 205	GCST90200185_build GRCh38.tsv.gz	dm586 2	41.243 36589
1592 39	1592 39	rs1753 6777	8	64259 58	G	A	1.80E-0 8	0.1596 19	-0.1199 49	0.0213 038	GCST90200185_build GRCh38.tsv.gz	dm586 2	31.701 44881
1592	1592	rs1090	9	13044	C	T	3.28E-0	0.4170	0.09581	0.0161	GCST90200185_build	dm586	35.012

40	40	1047		8288			9	34	41	926	GRCh38.tsv.gz	2	70571
1592	1592	rs3559	16	16055	A	G	3.30E-1	0.2823	-0.1155	0.0174	GCST90200185_build	dm586	43.992
92	92	4		069			1	36	55	221	GRCh38.tsv.gz	2	28087
1593	1593	rs4148	2	23376	G	T	2.04E-0	0.3274	0.10719	0.0178	GCST90200186_build	VBBE	35.933
28	28	324		4076			9	87	4	821	GRCh38.tsv.gz	EU	86368
1593	1593	rs4464	6	25695	C	T	3.67E-0	0.5852	0.10014	0.0169	GCST90200186_build	VBBE	34.789
38	38	786		592			9	4	6	789	GRCh38.tsv.gz	EU	49415
1593	1593	rs1078	1	15191	G	C	7.56E-1	0.6013	0.12454	0.0149	GCST90200187_build	vsOdj	69.521
89	89	8817		0380			7	26	4	37	GRCh38.tsv.gz	4	45581
1595	1595	rs1162	14	73566	G	A	2.25E-0	0.4228	-0.0846	0.0151	GCST90200187_build	vsOdj	31.269
61	61	6972		890			8	44	601	397	GRCh38.tsv.gz	4	64964
1595	1595	rs1124	10	12438	G	A	6.80E-1	0.7692	-0.1226	0.0178	GCST90200188_build	9WER	47.083
62	62	4629		2239			2	31	42	733	GRCh38.tsv.gz	AB	52378
1595	1595	rs8056	16	68270	A	C	6.73E-1	0.7268	-0.1130	0.0164	GCST90200188_build	9WER	47.104
80	80	893		489			2	12	88	772	GRCh38.tsv.gz	AB	91458
1596	1596	rs1746	22	19959	T	C	1.11E-2	0.4404	-0.1749	0.0178	GCST90200189_build	zXnJP	96.062
39	39	95		946			2	92	47	496	GRCh38.tsv.gz	o	97287
1596	1596	rs2338	1	15187	C	G	6.60E-1	0.6052	0.11876	0.0152	GCST90200190_build	Pn0M	60.715
58	58	201		3174			5	98		413	GRCh38.tsv.gz	6r	04969
1598	1598	rs6605	6	41257	G	A	3.72E-0	0.3150	0.08891	0.0161	GCST90200190_build	Pn0M	30.288
39	39	60		07			8	31	72	566	GRCh38.tsv.gz	6r	07072
1598	1598	rs1469	14	73569	T	C	7.98E-1	0.0214	-0.3702	0.0517	GCST90200190_build	Pn0M	51.286
90	90	68042		796			3	303	81	045	GRCh38.tsv.gz	6r	86708
1598	1598	rs1511	14	73573	A	G	1.48E-4	0.0295	-0.6048	0.0437	GCST90200190_build	Pn0M	191.52
97	97	54986		432			3	118	05	026	GRCh38.tsv.gz	6r	09094

1599 93	1599 93	rs1164 4358	16	22486 96	A	G	1.45E-1 4	0.1487 18	0.16242 7	0.0211 176	GCST90200190_build GRCh38.tsv.gz	Pn0M 6r	59.159 88584
1600 23	1600 23	rs1727 9437	3	45772 602	A	G	7.36E-1 8	0.0991 962	0.22121 2	0.0256 95	GCST90200192_build GRCh38.tsv.gz	5yJgJp	74.117 39051
1600 36	1600 36	rs3603 9116	5	15146 0503	T	G	1.44E-1 2	0.3410 91	0.11661 8	0.0164 717	GCST90200192_build GRCh38.tsv.gz	5yJgJp	50.124 99361
1600 61	1600 61	rs1235 6193	10	59653 595	G	A	2.25E-1 1	0.1658 34	-0.1405 1	0.0210 071	GCST90200192_build GRCh38.tsv.gz	5yJgJp	44.738 58684
1600 86	1600 86	rs8600 81	10	88675 831	A	T	3.59E-0 8	0.0191 86	0.31165	0.0565 641	GCST90200192_build GRCh38.tsv.gz	5yJgJp	30.356 55607
1601 15	1601 15	rs6441 73	17	39274 266	C	T	1.42E-0 8	0.7384 65	-0.0998 628	0.0176 105	GCST90200192_build GRCh38.tsv.gz	5yJgJp	32.156 15433
1604 97	1604 97	rs1815 58	4	22815 619	G	A	1.09E-1 29	0.8512 06	-0.5174 15	0.0213 548	GCST90200193_build GRCh38.tsv.gz	N5gX dp	587.06 61137
1605 46	1605 46	rs1240 8101	1	16569 8544	G	T	4.43E-0 9	0.2747 76	-0.1000 74	0.0170 562	GCST90200195_build GRCh38.tsv.gz	Rww DME	34.425 31781
1605 49	1605 49	rs1220 8357	6	16012 2116	T	C	3.89E-1 4	0.0694 546	0.22143 9	0.0292 732	GCST90200195_build GRCh38.tsv.gz	Rww DME	57.222 63115
1605 60	1605 60	rs1175 3995	6	16015 4334	A	G	3.76E-1 2	0.1644 72	0.14018 6	0.0201 824	GCST90200195_build GRCh38.tsv.gz	Rww DME	48.246 26182
1607 15	1607 15	rs6249 2368	7	15084 0547	A	G	6.99E-9 0	0.3037 26	0.32387	0.0161 108	GCST90200195_build GRCh38.tsv.gz	Rww DME	404.11 7102
1607 54	1607 54	rs4725 969	7	15086 1427	T	C	1.46E-4 6	0.3318 66	-0.2296 96	0.0160 312	GCST90200195_build GRCh38.tsv.gz	Rww DME	205.29 33115
1610	1610	rs4838	10	13338	A	C	1.81E-4	0.7142	-0.2457	0.0166	GCST90200195_build	Rww	218.62

63	63	735		2797			9	15	87	231	GRCh38.tsv.gz	DME	19595
1612 12	1612 12	rs1044 5262	17	50398 81	G	A	2.66E-1 8	0.2462 36	-0.1530 63	0.0175 429	GCST90200195_build GRCh38.tsv.gz	Rww DME	76.126 81616
1612 59	1612 59	rs1174 4583	5	17921 6568	G	A	3.58E-0 8	0.1249 12	-0.1403 24	0.0254 651	GCST90200196_build GRCh38.tsv.gz	YnYT 5C	30.364 98983
1613 76	1613 76	rs1126 742	1	46932 824	G	A	5.38E-1 6	0.1269 73	-0.1886 76	0.0232 855	GCST90200198_build GRCh38.tsv.gz	loioI8	65.654 15035
1614 03	1614 03	rs7463 7339	3	15586 533	A	T	4.49E-2 6	0.0528 901	0.36295 5	0.0343 656	GCST90200198_build GRCh38.tsv.gz	loioI8	111.54 69514
1614 30	1614 30	rs2779 500	9	14846 038	G	C	4.38E-0 8	0.6120 99	-0.0910 714	0.0166 351	GCST90200198_build GRCh38.tsv.gz	loioI8	29.971 82539
1614 33	1614 33	rs1244 8270	16	28529 803	T	C	3.69E-0 8	0.0479 709	0.19525 8	0.0354 697	GCST90200199_build GRCh38.tsv.gz	7xoyR s	30.304 18738
1614 34	1614 34	rs1180 64647	16	28547 123	G	A	1.01E-0 8	0.0164 828	0.33777 4	0.0589 594	GCST90200199_build GRCh38.tsv.gz	7xoyR s	32.820 58542
1614 45	1614 45	rs9313 052	5	35386 48	C	G	6.19E-1 0	0.5740 76	0.09426 07	0.0152 387	GCST90200200_build GRCh38.tsv.gz	iinGD T	38.261 80752
1616 31	1616 31	rs1165 181	6	25825 162	A	T	6.04E-1 6	0.2925 46	-0.1382 82	0.0170 96	GCST90200201_build GRCh38.tsv.gz	rFdO H8	65.424 78228
1616 65	1616 65	rs7108 760	11	67647 176	G	A	6.29E-2 1	0.8251 97	-0.1925 15	0.0205 13	GCST90200201_build GRCh38.tsv.gz	rFdO H8	88.078 67794
1617 48	1617 48	rs6174 4423	14	52457 102	C	T	2.12E-2 0	0.0301 756	-0.4177 86	0.0451 36	GCST90200201_build GRCh38.tsv.gz	rFdO H8	85.676 48246
1618 48	1618 48	rs1174 63339	14	52514 946	C	G	7.89E-8 9	0.0297 096	-0.9015 2	0.0451 165	GCST90200201_build GRCh38.tsv.gz	rFdO H8	399.28 21815

1619 37	1619 37	rs1177 68308	14	52570 751	G	A	2.51E-0 8	0.0380 661	-0.2265 19	0.0406 495	GCST90200201_build GRCh38.tsv.gz	rFdO H8	31.052 66337
1623 26	1623 26	rs1465 32334	22	36507 049	T	C	6.57E-2 0	0.0501 832	0.32369 7	0.0354 37	GCST90200201_build GRCh38.tsv.gz	rFdO H8	83.437 91664
1623 45	1623 45	rs2108 622	19	15879 621	T	C	5.26E-1 0	0.2877 91	-0.1210 79	0.0194 94	GCST90200202_build GRCh38.tsv.gz	Bvr4S j	38.577 64634
1623 67	1623 67	rs2841 5528	1	15190 7285	A	G	1.52E-2 0	0.3204 47	0.15543 5	0.0167 291	GCST90200203_build GRCh38.tsv.gz	2L9rU q	86.328 15924
1625 34	1625 34	rs1171 617	10	59707 424	T	G	2.49E-1 5	0.7712 61	0.15028 3	0.0189 893	GCST90200203_build GRCh38.tsv.gz	2L9rU q	62.632 79616
1626 24	1626 24	rs1485 39803	16	20424 696	T	C	4.90E-1 5	0.0090 4444	-0.6476 37	0.0827 167	GCST90200203_build GRCh38.tsv.gz	2L9rU q	61.302 31919
1626 40	1626 40	rs1481 53141	16	20426 589	G	A	1.16E-1 9	0.0213 233	0.48529	0.0534 91	GCST90200203_build GRCh38.tsv.gz	2L9rU q	82.307 84868
1626 83	1626 83	rs3492 7101	16	20433 373	T	C	1.18E-2 8	0.0163 491	-0.6817 13	0.0613 874	GCST90200203_build GRCh38.tsv.gz	2L9rU q	123.32 3168
1627 65	1627 65	rs1892 97030	16	20466 204	G	C	3.99E-1 4	0.0164 991	0.45890 5	0.0606 911	GCST90200203_build GRCh38.tsv.gz	2L9rU q	57.173 60294
1627 80	1627 80	rs2271 062	16	20471 468	A	C	5.41E-4 2	0.0692 814	0.41549	0.0306 003	GCST90200203_build GRCh38.tsv.gz	2L9rU q	184.36 13089
1628 75	1628 75	rs1457 06482	16	20539 900	A	C	9.80E-1 3	0.0263 702	-0.3459 7	0.0485 007	GCST90200203_build GRCh38.tsv.gz	2L9rU q	50.883 95615
1630 81	1630 81	rs1098 8130	9	12881 7300	G	A	1.13E-3 8	0.25	-0.2328 85	0.0179 06	GCST90200205_build GRCh38.tsv.gz	PmHP cA	169.15 54026
1631	1631	rs1164	16	58736	A	C	7.35E-0	0.0793	0.16662	0.0288	GCST90200205_build	PmHP	33.440

52	52	7808		977			9	205	8	147	GRCh38.tsv.gz	cA	11471
1633	1633	rs5751	22	23924	T	C	1.96E-9	0.5947	0.31910	0.0154	GCST90200205_build	PmHP	425.03
22	22	777		860			4	07	9	785	GRCh38.tsv.gz	cA	07613
1634	1634	rs1414	4	88125	T	C	3.19E-1	0.1122	0.17311	0.0260	GCST90200206_build	wVf1q	44.059
01	01	71965		050			1	89	8	81	GRCh38.tsv.gz	C	13576
1635	1635	rs7279	2	31431	A	G	1.44E-1	0.0166	-0.4546	0.0569	GCST90200214_build	Qi78p	63.707
36	36	0679		289			5	189	72	641	GRCh38.tsv.gz	v	99533
1635	1635	rs9282	2	31580	T	C	3.58E-2	0.0337	-0.4306	0.0406	GCST90200214_build	Qi78p	111.99
55	55	858		756			6	477	71	957	GRCh38.tsv.gz	v	38595
1636	1636	rs9722	7	13078	G	A	2.96E-0	0.5172	0.08107	0.0146	GCST90200214_build	Qi78p	30.734
37	37	83		2095			8	26	32	239	GRCh38.tsv.gz	v	64584
1637	1637	rs1412	11	63107	C	A	6.29E-3	0.0608	0.3626	0.0303	GCST90200214_build	Qi78p	142.86
58	58	32858		062			3	82		363	GRCh38.tsv.gz	v	64912
1639	1639	rs1051	18	74275	A	G	1.21E-0	0.0219	0.28668	0.0503	GCST90200214_build	Qi78p	32.469
89	89	4121		094			8	331	7	116	GRCh38.tsv.gz	v	80962
1639	1639	rs1414	4	88125	T	C	7.78E-1	0.1122	0.17958	0.0262	GCST90200216_build	48K18	46.819
95	95	71965		050			2	99	9	462	GRCh38.tsv.gz	0	48115
1642	1642	rs1139	11	63390	G	A	2.61E-1	0.0461	0.26093	0.0391	GCST90200218_build	XSWe	44.446
36	36	67277		417			1	999	9	401	GRCh38.tsv.gz	J4	14774
1643	1643	rs3416	4	68489	T	C	3.48E-3	0.7553	0.33024	0.0279	GCST90200219_build	k1Rz6	139.46
25	25	4133		616			2	24		635	GRCh38.tsv.gz	c	8553
1644	1644	rs1325	8	13866	A	G	2.71E-0	0.6901	-0.1253	0.0225	GCST90200219_build	k1Rz6	30.904
32	32	0220		9344			8	95	65	51	GRCh38.tsv.gz	c	44866
1644	1644	rs5774	12	21214	A	G	2.47E-1	0.1756	0.17055	0.0223	GCST90200221_build	Quc9Z	58.112
55	55	3625		699			4	25	4	731	GRCh38.tsv.gz	K	75852

1645 19	1645 19	rs2121 00	19	47873 738	C	T	7.80E-1 5	0.8493 21	0.18843	0.0242 483	GCST90200221_build GRCh38.tsv.gz	Quc9Z K	60.386 1725
1645 53	1645 53	rs7478 6066	14	36036 494	A	G	2.08E-0 8	0.0010 751	1.49022	0.2658 54	GCST90200222_build GRCh38.tsv.gz	KFk6f 7	31.420 59301
1647 33	1647 33	rs7539 246	1	75738 165	G	C	8.53E-2 7	0.2800 07	-0.2163 27	0.0201 867	GCST90200223_build GRCh38.tsv.gz	mOL mGh	114.83 93689
1650 60	1650 60	rs1408 273	6	25840 718	G	A	8.69E-0 9	0.5411 13	0.10712	0.0186 147	GCST90200223_build GRCh38.tsv.gz	mOL mGh	33.115 3268
1654 87	1654 87	rs1341 0232	2	73644 562	T	A	1.59E-5 9	0.2234 87	-0.2978 47	0.0183 057	GCST90200224_build GRCh38.tsv.gz	KPINi s	264.73 64731
1657 84	1657 84	rs7463 7339	3	15586 533	A	T	1.44E-1 5	0.0525 451	0.27738 3	0.0347 503	GCST90200224_build GRCh38.tsv.gz	KPINi s	63.715 1288
1660 59	1660 59	rs4147 00	14	60152 599	G	T	3.25E-1 1	0.1591 88	0.13936 8	0.0210 051	GCST90200224_build GRCh38.tsv.gz	KPINi s	44.022 69528
1660 91	1660 91	rs1440 25042	16	75114 533	A	G	3.07E-0 9	0.0106 162	-0.4502 33	0.0759 533	GCST90200224_build GRCh38.tsv.gz	KPINi s	35.138 34898
1660 93	1660 93	rs2472 297	15	74735 539	T	C	2.66E-0 8	0.2508 75	0.10392 7	0.0186 847	GCST90200225_build GRCh38.tsv.gz	WqtF SL	30.937 45064
1660 94	1660 94	rs2472 297	15	74735 539	T	C	4.14E-1 0	0.2523 7	0.11982	0.0191 752	GCST90200226_build GRCh38.tsv.gz	5ZOs Zy	39.046 20461
1660 95	1660 95	rs5653 79300	1	24017 3249	G	A	3.73E-0 8	0.0070 8481	-0.6490 04	0.1179 28	GCST90200227_build GRCh38.tsv.gz	fRIVT w	30.287 32241
1662 50	1662 50	rs7541 058	1	75734 132	T	C	1.27E-1 5	0.3366 28	0.12418 4	0.0155 279	GCST90200228_build GRCh38.tsv.gz	jRsr6S	63.959 61456
1664	1664	rs1046	2	15137	G	A	2.42E-0	0.1367	0.11914	0.0213	GCST90200228_build	jRsr6S	31.126

89	89	675		9884			8	32	7	56	GRCh38.tsv.gz		22117
1665 19	1665 19	rs1171 617	10	59707 424	T	G	2.73E-2 2	0.7685 98	0.17318 8	0.0178 359	GCST90200228_build GRCh38.tsv.gz	jRsr6S	94.285 63632
1665 41	1665 41	rs2342 307	3	19621 5616	G	A	3.49E-2 8	0.6189 59	-0.1712 53	0.0155 57	GCST90200229_build GRCh38.tsv.gz	v2Yv Cq	121.17 82491
1666 10	1666 10	rs1165 187	6	25851 141	C	T	1.72E-0 9	0.2489 4	0.10507 6	0.0174 472	GCST90200229_build GRCh38.tsv.gz	v2Yv Cq	36.270 67056
1668 24	1668 24	rs2417 966	12	21190 295	G	C	8.97E-1 2	0.2488 83	0.12285 2	0.0180 079	GCST90200231_build GRCh38.tsv.gz	2axwt v	46.541 27981
1668 32	1668 32	rs1104 5856	12	21197 755	G	T	3.67E-2 6	0.2382 62	-0.1902 11	0.0179 776	GCST90200231_build GRCh38.tsv.gz	2axwt v	111.94 58069
1671 45	1671 45	rs1042 5975	19	47881 378	A	G	4.27E-2 7	0.8351 07	0.22730 8	0.0210 856	GCST90200231_build GRCh38.tsv.gz	2axwt v	116.21 37498
1671 96	1671 96	rs1387 4	3	66369 532	T	C	1.78E-1 1	0.4395 25	0.09442 28	0.0140 452	GCST90200233_build GRCh38.tsv.gz	ppeLR r	45.195 78083
1672 01	1672 01	rs4128 6234	6	13491 8620	C	G	3.08E-0 8	0.0186 415	0.30918 5	0.0558 443	GCST90200234_build GRCh38.tsv.gz	JtV4Z y	30.653 43366
1672 64	1672 64	rs2583 17	16	89665 830	T	C	2.58E-1 3	0.4697 67	0.11182 4	0.0152 871	GCST90200234_build GRCh38.tsv.gz	JtV4Z y	53.508 13736
1673 23	1673 23	rs1207 6680	1	46182 221	A	G	1.27E-1 0	0.5249 24	-0.1020 77	0.0158 748	GCST90200235_build GRCh38.tsv.gz	2OjGz A	41.346 54936
1674 65	1674 65	rs3244 20	1	46405 089	A	C	8.00E-1 01	0.2102 83	0.39298 5	0.0184 358	GCST90200235_build GRCh38.tsv.gz	2OjGz A	454.38 917
1677 27	1677 27	rs1341 761	9	10136 4001	A	C	2.96E-1 9	0.1486 4	-0.1940 97	0.0216 383	GCST90200235_build GRCh38.tsv.gz	2OjGz A	80.462 10135

1682 18	1682 18	rs2108 622	19	15879 621	T	C	1.72E-9 2	0.2928 87	-0.3366 63	0.0165 042	GCST90200235_build GRCh38.tsv.gz	2OjGz A	416.10 39347
1686 79	1686 79	rs1126 742	1	46932 824	G	A	4.74E-3 2	0.1304 14	0.26416 9	0.0224 183	GCST90200236_build GRCh38.tsv.gz	EQ00l c	138.85 3986
1689 19	1689 19	rs6693 388	1	15195 8169	C	T	5.56E-2 5	0.3159 84	0.16791 6	0.0162 666	GCST90200236_build GRCh38.tsv.gz	EQ00l c	106.55 91103
1690 17	1690 17	rs1082 6337	10	59649 711	A	G	2.31E-0 8	0.4047 2	0.08740 92	0.0156 444	GCST90200236_build GRCh38.tsv.gz	EQ00l c	31.217 38121
1690 18	1690 18	rs7802 9652	11	95830 342	G	A	3.33E-0 8	0.0072 2614	-0.4923 09	0.0891 34	GCST90200236_build GRCh38.tsv.gz	EQ00l c	30.506 24527
1690 21	1690 21	rs8009 347	14	73092 858	C	T	1.98E-1 0	0.4743 23	0.09640 59	0.0151 507	GCST90200236_build GRCh38.tsv.gz	EQ00l c	40.489 4455
1691 33	1691 33	rs5823 1493	14	73565 418	T	C	6.53E-6 0	0.4235 44	0.25153 1	0.0154 075	GCST90200236_build GRCh38.tsv.gz	EQ00l c	266.51 31743
1692 71	1692 71	rs1112 25879	14	74032 133	A	T	1.77E-0 9	0.0629 965	0.18715 2	0.0311 003	GCST90200236_build GRCh38.tsv.gz	EQ00l c	36.212 60675
1692 73	1692 73	rs1159 1147	1	55039 974	T	G	1.63E-0 9	0.0177 1	-0.3469 42	0.0575 234	GCST90200237_build GRCh38.tsv.gz	LBxI0 V	36.376 81405
1693 04	1693 04	rs1324 6490	7	73578 020	T	C	3.10E-0 9	0.1188 95	0.13916 4	0.0234 818	GCST90200237_build GRCh38.tsv.gz	LBxI0 V	35.122 95416
1693 56	1693 56	rs2011 425	2	23371 8962	G	T	3.22E-1 0	0.0797 723	-0.1616 55	0.0257 084	GCST90200238_build GRCh38.tsv.gz	VphI8 R	39.539 22812
1694 24	1694 24	rs6246 1553	7	64576 997	A	C	1.30E-1 2	0.4336 65	-0.1011 78	0.0142 629	GCST90200238_build GRCh38.tsv.gz	VphI8 R	50.321 83926
1694	1694	rs7283	10	99849	A	G	1.29E-0	0.0590	-0.1811	0.0298	GCST90200238_build	VphI8	36.830

97	97	8150		905			9	633	77	536	GRCh38.tsv.gz	R	93204
1695	1695	rs4149	12	21178	C	T	4.08E-0	0.1556	0.10583	0.0192	GCST90200238_build	VphI8	30.109
25	25	056		615			8	99	1	867	GRCh38.tsv.gz	R	9441
1697	1697	rs2121	19	47873	C	T	1.27E-2	0.8393	0.55804	0.0183	GCST90200238_build	VphI8	927.09
31	31	00		738			03	49	6	277	GRCh38.tsv.gz	R	46272
1698	1698	rs1169	7	37015	A	G	8.05E-0	0.0190	-0.3230	0.0560	GCST90200239_build	999aB	33.262
61	61	60637		86			9	464	55	141	GRCh38.tsv.gz	o	75442
1698	1698	rs6034	10	10031	A	G	4.08E-1	0.1747	-0.1691	0.0201	GCST90200239_build	999aB	70.739
62	62	24		5722			7	31	29	089	GRCh38.tsv.gz	o	10052
1698	1698	rs1871	12	21199	G	A	2.89E-1	0.1592	0.13137	0.0208	GCST90200239_build	999aB	39.749
66	66	395		381			0	28	2	371	GRCh38.tsv.gz	o	44519
1702	1702	rs1162	14	73566	G	A	3.48E-8	0.4111	-0.3102	0.0155	GCST90200239_build	999aB	396.32
41	41	6972		890			8	3	56	846	GRCh38.tsv.gz	o	28005
1704	1704	rs3755	2	23371	A	C	3.04E-1	0.0847	-0.1929	0.0228	GCST90200241_build	nMpV	71.318
54	54	320		3415			7	117	82	515	GRCh38.tsv.gz	dj	8251
1705	1705	rs7478	2	23375	G	C	2.78E-0	0.0589	0.15133	0.0272	GCST90200241_build	nMpV	30.858
25	25	7288		1021			8	238	1	419	GRCh38.tsv.gz	dj	94078
1705	1705	rs1025	7	64464	C	T	2.22E-0	0.6967	-0.0788	0.0141	GCST90200241_build	nMpV	31.288
39	39	2509		647			8	48	992	053	GRCh38.tsv.gz	dj	19751
1705	1705	rs4149	12	21178	C	T	4.58E-0	0.1557	0.09660	0.0176	GCST90200241_build	nMpV	29.885
50	50	056		615			8	87	57	714	GRCh38.tsv.gz	dj	71073
1705	1705	rs7196	16	81527	C	G	2.72E-0	0.0689	0.14146	0.0254	GCST90200241_build	nMpV	30.900
52	52	272		991			8	295	2	48	GRCh38.tsv.gz	dj	98161
1706	1706	rs2121	19	47873	C	T	5.95E-4	0.8385	0.25630	0.0174	GCST90200241_build	nMpV	216.24
85	85	00		738			9	28	2	292	GRCh38.tsv.gz	dj	64982

1707 78	1707 78	rs1475 92063	2	49726 399	T	G	4.08E-0 8	0.0033 6464	0.78513 5	0.1430 8	GCST90200242_build GRCh38.tsv.gz	25Bsb p	30.111 39063
1708 04	1708 04	rs4738 684	8	58480 714	G	A	1.19E-1 0	0.6572 4	-0.1123 02	0.0174 383	GCST90200242_build GRCh38.tsv.gz	25Bsb p	41.473 11843
1708 50	1708 50	rs1123 9549	10	45523 383	G	A	6.46E-0 9	0.2426 51	-0.1115 29	0.0192 142	GCST90200242_build GRCh38.tsv.gz	25Bsb p	33.692 32665
1708 86	1708 86	rs5597 1546	13	10306 5958	T	C	6.03E-2 0	0.0505 178	0.34588 7	0.0378 278	GCST90200242_build GRCh38.tsv.gz	25Bsb p	83.607 70661
1708 88	1708 88	rs1448 46334	13	10308 5397	A	G	1.13E-1 1	0.0112 029	-0.5356 91	0.0789 064	GCST90200242_build GRCh38.tsv.gz	25Bsb p	46.089 73812
1708 93	1708 93	rs1294 5042	17	30244 910	T	C	1.27E-1 1	0.3345 96	0.11994 3	0.0177 118	GCST90200242_build GRCh38.tsv.gz	25Bsb p	45.858 98257
1710 62	1710 62	rs2121 00	19	47873 738	C	T	8.19E-1 6	0.8439	0.18455	0.0229 219	GCST90200242_build GRCh38.tsv.gz	25Bsb p	64.822 66353
1711 15	1711 15	rs1260 326	2	27508 073	C	T	3.01E-0 8	0.5876 11	0.08492 92	0.0153 285	GCST90200243_build GRCh38.tsv.gz	fskMa 6	30.698 32998
1711 87	1711 87	rs1745 68	11	61826 344	T	C	1.03E-7 2	0.3387 94	0.28147 3	0.0156 069	GCST90200243_build GRCh38.tsv.gz	fskMa 6	325.26 71381
1713 31	1713 31	rs2879 5074	19	44933 400	A	G	2.19E-0 8	0.075	-0.1671 31	0.0298 664	GCST90200243_build GRCh38.tsv.gz	fskMa 6	31.314 70097
1719 52	1719 52	rs1231 8075	12	21208 653	G	T	4.10E-6 7	0.1670 49	0.34816 1	0.0201 158	GCST90200245_build GRCh38.tsv.gz	KKLS Ze	299.56 12431
1721 44	1721 44	rs1077 0795	12	21293 298	G	A	1.31E-2 0	0.1338 53	-0.2080 2	0.0223 496	GCST90200245_build GRCh38.tsv.gz	KKLS Ze	86.630 47078
1722	1722	rs9241	16	16029	T	A	1.48E-0	0.6115	0.08772	0.0154	GCST90200246_build	57eG1	32.084

91	91	35		602			8	4	07	866	GRCh38.tsv.gz	D	2591
1723 02	1723 02	rs6621 38	6	16014 3444	G	C	1.84E-1 4	0.1726 3	-0.1671 47	0.0218 161	GCST90200247_build GRCh38.tsv.gz	fhe4U 5	58.700 65416
1723 06	1723 06	rs1121 06551	9	26825 201	G	A	2.57E-0 8	0.0710 1	-0.1795 47	0.0322 422	GCST90200247_build GRCh38.tsv.gz	fhe4U 5	31.010 37163
1723 14	1723 14	rs1171 616	10	59708 831	T	G	1.26E-1 1	0.7754 82	0.13711 7	0.0202 439	GCST90200247_build GRCh38.tsv.gz	fhe4U 5	45.876 91846
1725 04	1725 04	rs2003 74463	14	23976 965	T	G	1.63E-2 6	0.0548 509	0.38767 7	0.0363 795	GCST90200247_build GRCh38.tsv.gz	fhe4U 5	113.56 03234
1725 62	1725 62	rs1564 348	6	16015 7828	C	T	8.93E-1 3	0.1630 95	-0.1477 5	0.0206 757	GCST90200248_build GRCh38.tsv.gz	s038V p	51.066 31679
1726 10	1726 10	rs1469 68042	14	73569 796	T	C	8.64E-1 1	0.0214 571	-0.3318 1	0.0511 335	GCST90200249_build GRCh38.tsv.gz	EgI6v b	42.108 31859
1726 17	1726 17	rs1511 54986	14	73573 432	A	G	4.70E-2 8	0.0293 44	-0.4799 22	0.0437 033	GCST90200249_build GRCh38.tsv.gz	EgI6v b	120.59 0433
1727 54	1727 54	rs1722 2723	10	99836 239	A	T	4.24E-1 6	0.0566 025	-0.2866 15	0.0352 469	GCST90200250_build GRCh38.tsv.gz	sIiN9	66.123 52206
1737 95	1737 95	rs1104 5806	12	21161 802	A	G	1.41E-1 8	0.1820 53	-0.1830 65	0.0208 111	GCST90200250_build GRCh38.tsv.gz	sIiN9	77.378 54654
1738 29	1738 29	rs4149 056	12	21178 615	C	T	7.22E-8 0	0.1608 13	0.40689 1	0.0215 012	GCST90200250_build GRCh38.tsv.gz	sIiN9	358.12 18092
1742 24	1742 24	rs7653 1193	19	47857 434	A	T	5.50E-2 3	0.1567 27	-0.2197 84	0.0222 63	GCST90200250_build GRCh38.tsv.gz	sIiN9	97.459 63346
1744 09	1744 09	rs7490 4971	4	88128 874	A	C	4.46E-5 2	0.1107 59	0.36098 6	0.0237 727	GCST90200252_build GRCh38.tsv.gz	hhaE2 G	230.58 10957

1744 72	1744 72	rs3799 340	6	25762 418	T	C	6.44E-1 2	0.4301 49	0.11208 8	0.0163 168	GCST90200253_build GRCh38.tsv.gz	uxqYr N	47.189 81335
1745 78	1745 78	rs3419 9055	6	10063 5818	T	C	4.32E-0 8	0.1485 96	-0.1269 19	0.0231 726	GCST90200253_build GRCh38.tsv.gz	uxqYr N	29.998 79106
1746 13	1746 13	rs1145 38296	14	80796 448	C	A	4.11E-1 1	0.0123 268	0.48567 4	0.0735 864	GCST90200253_build GRCh38.tsv.gz	uxqYr N	43.560 67448
1747 31	1747 31	rs8106 748	19	32791 891	A	G	1.18E-1 4	0.1911 75	0.15804 3	0.0204 763	GCST90200253_build GRCh38.tsv.gz	uxqYr N	59.572 73817
1747 74	1747 74	rs1570 805	1	15629 4857	T	C	8.28E-1 0	0.1063 52	0.14076 3	0.0229 274	GCST90200254_build GRCh38.tsv.gz	UuH MIQ	37.693 5822
1747 78	1747 78	rs1181 62901	11	11318 0763	G	A	1.12E-0 8	0.0189 556	-0.2920 46	0.0511 374	GCST90200254_build GRCh38.tsv.gz	UuH MIQ	32.615 58993
1747 88	1747 88	rs2863 979	16	68297 987	A	G	6.47E-0 9	0.7180 54	-0.0912 402	0.0157 196	GCST90200254_build GRCh38.tsv.gz	UuH MIQ	33.689 10516
1748 85	1748 85	rs2231 142	4	88131 171	T	G	4.84E-5 1	0.1118 36	0.35612	0.0236 977	GCST90200255_build GRCh38.tsv.gz	76t7rZ	225.82 93242
1749 53	1749 53	rs6822 242	4	88264 635	G	C	2.95E-0 8	0.0262 469	-0.2639 64	0.0476 11	GCST90200255_build GRCh38.tsv.gz	76t7rZ	30.737 94259
1751 17	1751 17	rs4299 376	2	43845 437	T	G	2.19E-0 9	0.6854 93	0.09831 45	0.0164 331	GCST90200257_build GRCh38.tsv.gz	m4tJE Y	35.792 83955
1756 79	1756 79	rs1027 8040	7	99543 750	A	G	1.26E-3 1	0.0492 647	-0.4087 15	0.0349 303	GCST90200257_build GRCh38.tsv.gz	m4tJE Y	136.91 04262
1758 26	1758 26	rs7767 46	7	99672 916	C	T	6.07E-2 18	0.9364 93	0.92945 9	0.0294 96	GCST90200257_build GRCh38.tsv.gz	m4tJE Y	992.96 56497
1758	1758	rs6247	7	99676	G	A	2.96E-1	0.0522	0.28152	0.0344	GCST90200257_build	m4tJE	66.829

30	30	1929		693			6	736		371	GRCh38.tsv.gz	Y	0618
1767 53	1767 53	rs5799 1629	10	94909 603	C	T	1.54E-1 9	0.1961 07	0.17392 8	0.0192 353	GCST90200257_build GRCh38.tsv.gz	m4tJE Y	81.760 03673
1776 99	1776 99	rs4762 697	12	21162 039	T	A	7.33E-2 6	0.7144 64	0.17869 9	0.0169 938	GCST90200257_build GRCh38.tsv.gz	m4tJE Y	110.57 66017
1777 40	1777 40	rs4149 056	12	21178 615	C	T	1.98E-1 11	0.1565 4	0.45607 7	0.0203 329	GCST90200257_build GRCh38.tsv.gz	m4tJE Y	503.12 70799
1782 70	1782 70	rs2963 91	19	47865 277	T	C	1.90E-1 4	0.8392 18	0.15994 6	0.0208 886	GCST90200257_build GRCh38.tsv.gz	m4tJE Y	58.631 10779
1783 49	1783 49	rs4903 79	1	88252 216	C	A	1.19E-0 8	0.1361 6	-0.1244 48	0.0218 311	GCST90200258_build GRCh38.tsv.gz	wWSf qV	32.495 60335
1791 04	1791 04	rs2765 527	1	88960 577	C	T	3.19E-2 05	0.4934 91	-0.4363 72	0.0142 751	GCST90200258_build GRCh38.tsv.gz	wWSf qV	934.44 86345
1792 99	1792 99	rs6425 192	1	17135 8489	C	T	2.63E-1 4	0.3209 29	-0.1217 53	0.0159 879	GCST90200258_build GRCh38.tsv.gz	wWSf qV	57.993 12287
1793 63	1793 63	rs1076 6467	11	18288 902	C	T	2.33E-3 0	0.5399 16	-0.1701 09	0.0148 559	GCST90200258_build GRCh38.tsv.gz	wWSf qV	131.11 62889
1794 48	1794 48	rs1469 24265	4	56736 806	G	A	1.53E-0 8	0.1204 37	0.13153 6	0.0232 472	GCST90200259_build GRCh38.tsv.gz	J5kCi h	32.014 591
1794 51	1794 51	rs1850 70600	13	56111 880	A	G	9.16E-0 9	0.0034 4957	-0.7695 3	0.1339 33	GCST90200260_build GRCh38.tsv.gz	Ln5K ba	33.012 31019
1794 70	1794 70	rs7519 001	1	17134 8019	A	T	5.01E-1 0	0.3098 04	-0.1052 55	0.0169 25	GCST90200261_build GRCh38.tsv.gz	Q5LT S7	38.674 80356
1798 63	1798 63	rs2817 188	6	25807 375	G	A	7.78E-1 00	0.5335 06	-0.3644 71	0.0171 842	GCST90200262_build GRCh38.tsv.gz	PgLT XQ	449.84 95801

1806 87	1806 87	rs2108 622	19	15879 621	T	C	9.52E-2 5	0.2792 76	-0.2030 69	0.0197 712	GCST90200262_build GRCh38.tsv.gz	PgLT XQ	105.49 2407
1808 13	1808 13	rs6593 05	6	41254 21	G	A	1.32E-2 2	0.3159 62	0.15819	0.0161 68	GCST90200263_build GRCh38.tsv.gz	dylP2 E	95.729 42517
1808 49	1808 49	rs1469 68042	14	73569 796	T	C	3.89E-0 9	0.0214 954	-0.3060 01	0.0519 616	GCST90200263_build GRCh38.tsv.gz	dylP2 E	34.680 12552
1808 51	1808 51	rs1511 54986	14	73573 432	A	G	7.38E-1 5	0.0293 248	-0.3453 78	0.0444 053	GCST90200263_build GRCh38.tsv.gz	dylP2 E	60.495 03378
1813 05	1813 05	rs8878 29	2	23375 9924	T	C	4.17E-1 39	0.3243 6	0.39072	0.0155 622	GCST90200264_build GRCh38.tsv.gz	hOk1 Mi	630.36 09476
1818 78	1818 78	rs8878 29	2	23375 9924	T	C	4.32E-2 77	0.3249 51	0.53782 8	0.0151 21	GCST90200265_build GRCh38.tsv.gz	DcG0 N8	1265.1 02721
1819 94	1819 94	rs2999 541	1	15192 6273	C	G	7.77E-1 1	0.6256 07	-0.1020 03	0.0156 807	GCST90200266_build GRCh38.tsv.gz	towV0 K	42.315 06358
1821 01	1821 01	rs8025 4170	6	16009 3251	G	A	1.37E-1 9	0.0752 636	-0.2571 57	0.0284 005	GCST90200266_build GRCh38.tsv.gz	towV0 K	81.986 94976
1821 18	1821 18	rs6621 38	6	16014 3444	G	C	5.61E-3 5	0.1746 71	-0.2454 72	0.0198 946	GCST90200266_build GRCh38.tsv.gz	towV0 K	152.24 16558
1821 65	1821 65	rs1171 615	10	59709 332	T	C	2.13E-1 6	0.7708 6	0.15131 1	0.0184 204	GCST90200266_build GRCh38.tsv.gz	towV0 K	67.474 99944
1821 73	1821 73	rs1387 62595	4	68654 157	A	G	1.52E-1 4	0.0128 173	-0.4744 98	0.0617 383	GCST90200267_build GRCh38.tsv.gz	HaMg mR	59.068 97556
1822 37	1822 37	rs3857 868	7	13811 3018	A	T	2.74E-1 6	0.7817 9	0.13799 5	0.0168 607	GCST90200267_build GRCh38.tsv.gz	HaMg mR	66.984 68191
1822	1822	rs1156	17	50683	A	G	2.50E-0	0.0690	-0.1614	0.0270	GCST90200267_build	HaMg	35.540

51	51	8591		692			9	858	66	844	GRCh38.tsv.gz	mR	5165
1822	1822	rs4804	19	12391	G	A	2.98E-1	0.7785	-0.1079	0.0171	GCST90200267_build	HaMg	39.687
55	55	669		643			0	17	57	366	GRCh38.tsv.gz	mR	36778
1827	1827	rs1020	2	73631	C	T	7.00E-1	0.2291	0.39984	0.0184	GCST90200268_build	gl6fY	468.44
85	85	1159		838			04	25	4	741	GRCh38.tsv.gz	P	06626
1835	1835	rs6742	2	23376	T	G	8.74E-1	0.3235	0.38552	0.0156	GCST90200269_build	tVG91	610.49
19	19	078		3993			35	29	4	031	GRCh38.tsv.gz	1	35149
1841	1841	rs4148	2	23376	G	T	1.15E-3	0.3273	0.56397	0.0150	GCST90200271_build	E2jkw	1405.7
13	13	324		4076			02	65	3	417	GRCh38.tsv.gz	E	97544
1842	1842	rs1104	12	21258	G	C	1.03E-0	0.1616	0.11957	0.0208	GCST90200271_build	E2jkw	32.787
32	32	5909		272			8	27	3	824	GRCh38.tsv.gz	E	28308
1842	1842	rs6944	7	15102	G	C	8.64E-1	0.2990	-0.0999	0.0163	GCST90200272_build	bm1L	37.610
38	38	935		9833			0	6	718	013	GRCh38.tsv.gz	xX	62439
1842	1842	rs9241	16	16029	T	A	1.76E-1	0.6112	0.09898	0.0155	GCST90200272_build	bm1L	40.719
74	74	35		602			0	33	1	114	GRCh38.tsv.gz	xX	42902
1843	1843	rs3244	1	46405	A	C	5.19E-1	0.2093	0.13575	0.0188	GCST90200274_build	lkzEp	52.131
16	16	20		089			3	63	9	026	GRCh38.tsv.gz	5	64707
1843	1843	rs1208	1	75682	A	C	1.18E-0	0.3048	-0.0944	0.0165	GCST90200274_build	lkzEp	32.515
31	31	7626		788			8	89	913	709	GRCh38.tsv.gz	5	57624
1844	1844	rs1047	2	21067	A	C	2.71E-1	0.3109	0.38631	0.0160	GCST90200274_build	lkzEp	576.04
03	03	891		5783			27	38	1	956	GRCh38.tsv.gz	5	95053
1851	1851	rs5966	11	67592	G	T	4.14E-2	0.5714	-0.1408	0.0153	GCST90200274_build	lkzEp	84.352
27	27	03		132			0	64	46	354	GRCh38.tsv.gz	5	66703
1857	1857	rs8878	2	23375	T	C	2.71E-2	0.3237	0.53895	0.0150	GCST90200275_build	EtnJtk	1284.4
03	03	29		9924			81	11	1	38	GRCh38.tsv.gz		53549

1863 27	1863 27	rs8878 29	2	23375 9924	T	C	2.72E-2 92	0.3297 7	0.55573	0.0152 095	GCST90200277_build GRCh38.tsv.gz	BEyN hk	1335.0 50856
1864 18	1864 18	rs6944 935	7	15102 9833	G	C	9.49E-1 1	0.2992 31	-0.1056 89	0.0163 229	GCST90200278_build GRCh38.tsv.gz	c6q57 z	41.924 21481
1864 52	1864 52	rs9241 35	16	16029 602	T	A	6.54E-1 0	0.6107 85	0.09601 94	0.0155 454	GCST90200278_build GRCh38.tsv.gz	c6q57 z	38.151 72446
1864 72	1864 72	rs1164 00211	1	19951 1387	G	A	4.74E-0 9	0.0096 7781	0.45622 3	0.0779 042	GCST90200279_build GRCh38.tsv.gz	kn9lhb	34.295 14218
1867 11	1867 11	rs3935 209	8	14405 8338	G	T	2.73E-2 20	0.0852 266	-0.8216 09	0.0259 328	GCST90200280_build GRCh38.tsv.gz	pnayi G	1003.7 63859
1870 12	1870 12	rs2638 314	12	56472 550	A	T	2.31E-0 9	0.1946 64	-0.1162 29	0.0194 541	GCST90200280_build GRCh38.tsv.gz	pnayi G	35.694 9448
1870 28	1870 28	rs1256 335	1	21563 893	A	G	2.62E-1 0	0.7840 56	0.11824 9	0.0187 104	GCST90200281_build GRCh38.tsv.gz	3VoJj U	39.941 90819
1870 33	1870 33	rs1306 2174	3	56824 658	G	A	4.26E-0 8	0.5545 09	0.08574 43	0.0156 478	GCST90200281_build GRCh38.tsv.gz	3VoJj U	30.026 44697
1870 36	1870 36	rs1047 891	2	21067 5783	A	C	5.82E-0 9	0.3057 33	-0.1047 52	0.0179 93	GCST90200282_build GRCh38.tsv.gz	DgCX JQ	33.893 58341
1870 68	1870 68	rs7786 3699	16	20552 206	C	T	2.92E-2 5	0.0258 486	0.53926 6	0.0519 31	GCST90200282_build GRCh38.tsv.gz	DgCX JQ	107.83 32532
1870 81	1870 81	rs8056 693	16	20559 339	C	T	6.30E-1 7	0.9713 09	-0.4144 9	0.0495 836	GCST90200282_build GRCh38.tsv.gz	DgCX JQ	69.879 85637
1872 10	1872 10	rs1647 49	16	89641 816	G	T	9.40E-1 9	0.4769 69	0.14552	0.0164 579	GCST90200282_build GRCh38.tsv.gz	DgCX JQ	78.180 15619
1874	1874	rs1403	22	24512	G	A	3.77E-1	0.5909	0.12520	0.0153	GCST90200283_build	b8Yw	66.354

11	11	30		384			6	03	1	699	GRCh38.tsv.gz	zh	97831
1874 27	1874 27	rs2881 4123	5	85509 569	T	C	1.00E-0 9	0.0362 761	0.24967 2	0.0408 669	GCST90200284_build GRCh38.tsv.gz	XdBL TD	37.324 69694
1874 37	1874 37	rs7428 9058	4	18055 9610	T	C	3.81E-0 8	0.0084 1977	0.44203 7	0.0803 802	GCST90200287_build GRCh38.tsv.gz	XfiqF B	30.242 59689
1881 60	1881 60	rs1016 8931	2	73650 092	A	G	5.27E-2 83	0.2294 57	0.61639 1	0.0171 463	GCST90200288_build GRCh38.tsv.gz	PFVU hf	1292.3 24988
1885 22	1885 22	rs1183 200	6	25818 418	C	G	7.52E-0 9	0.5559 07	0.09065 11	0.0156 866	GCST90200288_build GRCh38.tsv.gz	PFVU hf	33.395 5432
1885 30	1885 30	rs1488 04382	3	52078 217	A	C	3.54E-1 3	0.0106 37	0.54705	0.0752 244	GCST90200289_build GRCh38.tsv.gz	V5tid S	52.885 49576
1885 68	1885 68	rs6238 1616	5	13934 5344	T	C	4.70E-1 0	0.0307 627	-0.2757 12	0.0442 63	GCST90200290_build GRCh38.tsv.gz	UGD2 Sw	38.799 8142
1885 85	1885 85	rs1189 1502	2	65004 111	G	A	2.91E-0 8	0.1304 59	-0.1242 63	0.0224 032	GCST90200292_build GRCh38.tsv.gz	1aXW Lf	30.765 47018
1885 90	1885 90	rs3761 097	19	35800 075	T	C	9.94E-1 1	0.0542 805	0.21898 3	0.0338 57	GCST90200292_build GRCh38.tsv.gz	1aXW Lf	41.833 46667
1885 92	1885 92	rs5717 3949	20	51892 375	C	T	5.84E-0 9	0.0113 042	-0.4210 69	0.0723 318	GCST90200292_build GRCh38.tsv.gz	1aXW Lf	33.888 16026
1885 98	1885 98	rs6722 076	2	23373 8671	A	G	5.72E-1 0	0.2897 08	-0.1037 31	0.0167 361	GCST90200293_build GRCh38.tsv.gz	OGIU 9T	38.415 68707
1886 17	1886 17	rs1169 288	12	12097 8847	C	A	4.37E-0 8	0.3177 95	0.08950 45	0.0163 472	GCST90200293_build GRCh38.tsv.gz	OGIU 9T	29.978 02307
1886 67	1886 67	rs1018 2251	2	24090 3113	G	A	2.50E-0 9	0.5145 55	-0.0926 49	0.0155 411	GCST90200294_build GRCh38.tsv.gz	ky93f Z	35.540 0441

1887 76	1887 76	rs1220 6654	6	11123 5631	C	T	7.09E-1 8	0.1447 01	0.18885 4	0.0219 253	GCST90200295_build GRCh38.tsv.gz	rwGC kT	74.192 71889
1889 32	1889 32	rs1508 51429	16	71591 928	C	G	4.41E-1 1	0.0149 847	0.41501 2	0.0629 792	GCST90200295_build GRCh38.tsv.gz	rwGC kT	43.423 72039
1889 43	1889 43	rs2006 092	22	24599 701	G	A	1.23E-0 9	0.3733 56	-0.0965 236	0.0158 847	GCST90200295_build GRCh38.tsv.gz	rwGC kT	36.924 02091
1889 81	1889 81	rs1050 4255	8	58485 902	A	G	6.82E-1 0	0.6600 13	0.11561 2	0.0187 373	GCST90200297_build GRCh38.tsv.gz	Evx57 y	38.070 7829
1889 85	1889 85	rs1488 43053	18	59713 858	G	A	7.15E-0 9	0.0030 4499	0.76022 5	0.1313 61	GCST90200298_build GRCh38.tsv.gz	2bYbk V	33.492 79589
1890 97	1890 97	rs3244 20	1	46405 089	A	C	1.75E-4 7	0.2089 76	0.26653 2	0.0184 136	GCST90200299_build GRCh38.tsv.gz	S2eA K6	209.51 79841
1891 32	1891 32	rs7145 6122	11	63529 325	A	G	3.84E-0 8	0.0139 896	0.37317 8	0.0678 753	GCST90200300_build GRCh38.tsv.gz	VoUJ qC	30.227 9393
1891 39	1891 39	rs1154 510	12	12185 7429	C	T	2.76E-1 1	0.8783 63	-0.1599 59	0.0240 23	GCST90200300_build GRCh38.tsv.gz	VoUJ qC	44.336 65029
1892 05	1892 05	rs2657 879	12	56471 554	G	A	5.05E-2 8	0.1944 92	-0.2124 5	0.0193 581	GCST90200301_build GRCh38.tsv.gz	Mqs93 X	120.44 47884
1892 88	1892 88	rs9241 38	16	16032 907	C	T	6.72E-1 3	0.6106 16	0.11617 1	0.0161 686	GCST90200301_build GRCh38.tsv.gz	Mqs93 X	51.623 8775
1893 09	1893 09	rs2004 26740	22	24589 774	A	C	9.36E-1 0	0.0344 785	0.26443 5	0.0432 091	GCST90200301_build GRCh38.tsv.gz	Mqs93 X	37.453 07089
1893 13	1893 13	rs6311 06	1	62436 136	A	C	4.12E-0 9	0.3362 91	-0.0956 491	0.0162 684	GCST90200302_build GRCh38.tsv.gz	Uy8Sh R	34.567 82794
1895	1895	rs1488	3	52078	A	C	2.30E-1	0.0105	0.45376	0.0715	GCST90200303_build	TI3Ae	40.196

16	16	04382		217			0	283	5	71	GRCh38.tsv.gz	c	46103
1895	1895	rs1314	4	76490	T	G	4.30E-0	0.5242	0.07938	0.0144	GCST90200303_build	TL3Ae	30.009
31	31	6163		938			8	48	09	907	GRCh38.tsv.gz	c	12319
1895	1895	rs1725	5	14753	G	A	1.24E-1	0.0423	-0.2371	0.0368	GCST90200304_build	UGh2	41.400
34	34	0977		636			0	482	39	552	GRCh38.tsv.gz	Tq	77049
1895	1895	rs2921	5	14866	C	T	7.76E-1	0.4617	0.09471	0.0154	GCST90200304_build	UGh2	37.818
35	35	603		911			0	2	37	014	GRCh38.tsv.gz	Tq	57883
1895	1895	rs7544	17	67084	T	C	3.55E-1	0.0545	0.26925	0.0330	GCST90200304_build	UGh2	66.471
71	71	8233		79			6	377	3	249	GRCh38.tsv.gz	Tq	89796
1896	1896	rs7872	17	68097	T	C	2.83E-0	0.1112	-0.1411	0.0237	GCST90200304_build	UGh2	35.297
23	23	7666		89			9	32	63	601	GRCh38.tsv.gz	Tq	60433
1896	1896	rs1771	22	19186	A	T	1.74E-2	0.6236	-0.1495	0.0153	GCST90200304_build	UGh2	95.179
96	96	540		421			2	94	45	285	GRCh38.tsv.gz	Tq	73203
1898	1898	rs2160	2	64993	C	T	1.12E-2	0.4305	0.16541	0.0154	GCST90200305_build	9SuD	114.29
62	62	387		776			6	17	2	725	GRCh38.tsv.gz	Vq	12658
1898	1898	rs1002	4	88322	T	C	5.26E-1	0.4486	-0.1225	0.0156	GCST90200305_build	9SuD	61.160
82	82	2462		666			5	86	81	743	GRCh38.tsv.gz	Vq	35681
1899	1899	rs1799	12	12073	A	G	4.02E-1	0.2664	0.12741	0.0175	GCST90200306_build	5kEA	52.631
17	17	958		8280			3	42	2	625	GRCh38.tsv.gz	bH	77192
1899	1899	rs7702	2	20660	G	A	1.81E-0	0.0150	0.32518	0.0577	GCST90200307_build	y9aiv	31.686
31	31	6520		9029			8	079	6	686	GRCh38.tsv.gz	Z	9176
1902	1902	rs9994	4	99829	T	G	1.12E-6	0.7429	0.27233	0.0156	GCST90200307_build	y9aiv	302.14
62	62	216		17			7	94		67	GRCh38.tsv.gz	Z	76948
1911	1911	rs2231	4	88131	T	G	3.94E-1	0.1105	0.13956	0.0223	GCST90200307_build	y9aiv	39.142
97	97	142		171			0	86	2	072	GRCh38.tsv.gz	Z	11124

1912 32	1912 32	rs1236 3578	11	64597 394	T	C	6.21E-0 9	0.4103 42	-0.0843 752	0.0145 2	GCST90200307_build GRCh38.tsv.gz	y9aiv Z	33.767 30479
1912 33	1912 33	rs1448 53353	12	11402 1156	T	G	3.87E-0 8	0.0175 907	-0.2931 76	0.0533 369	GCST90200307_build GRCh38.tsv.gz	y9aiv Z	30.213 51751
1912 47	1912 47	rs1531 022	4	68666 410	A	G	6.70E-4 5	0.4703 4	-0.1889 66	0.0134 401	GCST90200309_build GRCh38.tsv.gz	9e2Oz G	197.67 98214
1913 58	1913 58	rs1241 9444	11	21884 28	T	C	3.53E-0 8	0.1877 46	0.09475 6	0.0171 887	GCST90200309_build GRCh38.tsv.gz	9e2Oz G	30.389 76733
1913 73	1913 73	rs2854 4423	16	20348 311	T	C	2.03E-0 9	0.1806 05	-0.1057 66	0.0176 405	GCST90200309_build GRCh38.tsv.gz	9e2Oz G	35.947 63959
1913 96	1913 96	rs8080 108	17	49436 349	C	T	7.67E-0 9	0.3100 73	0.08555 27	0.0148 128	GCST90200309_build GRCh38.tsv.gz	9e2Oz G	33.357 47139
1914 04	1914 04	rs6781 987	3	66314 960	A	G	1.18E-0 9	0.1789 09	0.11904 3	0.0195 706	GCST90200310_build GRCh38.tsv.gz	R1J2R z	36.999 80582
1914 32	1914 32	rs3364 85	5	34839 323	A	G	1.15E-0 8	0.1205 35	-0.1290 6	0.0226 165	GCST90200310_build GRCh38.tsv.gz	R1J2R z	32.563 60873
1916 04	1916 04	rs6062 41	5	34994 038	A	G	2.11E-6 7	0.4700 92	-0.2552 65	0.0147 16	GCST90200310_build GRCh38.tsv.gz	R1J2R z	300.88 66958
1917 08	1917 08	rs4019 9	5	35037 576	A	G	2.27E-3 02	0.8998 5	-0.8656 22	0.0231 741	GCST90200310_build GRCh38.tsv.gz	R1J2R z	1395.2 46102
1918 19	1918 19	rs1077 4020	12	23971 0	C	T	2.84E-4 7	0.6609 09	0.22674 4	0.0157 008	GCST90200310_build GRCh38.tsv.gz	R1J2R z	208.55 8572
1923 74	1923 74	rs4921 913	8	18414 867	T	C	2.42E-7 7	0.7731 89	-0.3187 95	0.0171 256	GCST90200311_build GRCh38.tsv.gz	Ev8u6 z	346.52 24772
1924	1924	rs1483	22	50123	G	A	6.15E-1	0.0186	0.33501	0.0541	GCST90200311_build	Ev8u6	38.274

36	36	81953		655			0	072	3	511	GRCh38.tsv.gz	z	43193
1925 03	1925 03	rs3160 22	6	16024 6568	A	G	8.01E-1 1	0.7718 91	-0.1136 72	0.0174 868	GCST90200313_build GRCh38.tsv.gz	Gav6F n	42.255 79886
1925 19	1925 19	rs2007 720	20	44648 047	G	A	1.43E-0 8	0.2620 05	-0.0953 771	0.0168 216	GCST90200313_build GRCh38.tsv.gz	Gav6F n	32.147 9751
1926 07	1926 07	rs5842 3714	1	18313 5750	C	A	3.51E-1 9	0.0126 482	0.57820 2	0.0645 924	GCST90200314_build GRCh38.tsv.gz	0vRK Dz	80.130 22018
1926 52	1926 52	rs7792 4615	16	20381 010	A	G	4.39E-0 9	0.1922 16	-0.1096 29	0.0186 797	GCST90200314_build GRCh38.tsv.gz	0vRK Dz	34.443 80415
1926 54	1926 54	rs715	2	21067 8331	C	T	8.90E-1 0	0.3070 21	-0.1041 73	0.0169 998	GCST90200315_build GRCh38.tsv.gz	amuBj J	37.551 10476
1926 68	1926 68	rs1313 3517	4	17744 0833	C	T	1.14E-1 9	0.3403 05	0.14510 1	0.0159 894	GCST90200316_build GRCh38.tsv.gz	4lpLa w	82.352 441
1929 17	1929 17	rs2076 007	6	16729 4271	T	C	3.59E-1 13	0.1057 59	-0.5395 8	0.0238 664	GCST90200316_build GRCh38.tsv.gz	4lpLa w	511.13 76329
1930 33	1930 33	rs9095 46	6	16734 1214	T	C	6.76E-1 7	0.4185 96	-0.1282 73	0.0153 6	GCST90200316_build GRCh38.tsv.gz	4lpLa w	69.740 9843
1930 58	1930 58	rs2892 9474	14	94378 610	T	C	1.17E-1 4	0.0178 242	0.44102 9	0.0571 309	GCST90200316_build GRCh38.tsv.gz	4lpLa w	59.592 57665
1930 63	1930 63	rs7835 7146	17	66308 933	G	A	4.40E-1 5	0.0297 443	0.35259 6	0.0449 571	GCST90200316_build GRCh38.tsv.gz	4lpLa w	61.511 76441
1931 80	1931 80	rs9241 35	16	16029 602	T	A	3.45E-3 9	0.6106 43	0.20443 4	0.0156 099	GCST90200319_build GRCh38.tsv.gz	HwsN sC	171.51 65414
1936 84	1936 84	rs2583 41	16	89624 734	C	T	2.94E-1 60	0.5933 9	-0.4080 03	0.0151 255	GCST90200319_build GRCh38.tsv.gz	HwsN sC	727.62 43645

1949 59	1949 59	rs6205 4658	16	90074 286	G	A	1.11E-0 8	0.0537 281	0.19282 8	0.0337 549	GCST90200319_build GRCh38.tsv.gz	HwsN sC	32.633 71694
1950 14	1950 14	rs1107 6828	16	43977 70	T	C	7.62E-0 9	0.7054 3	0.09939 04	0.0172 053	GCST90200321_build GRCh38.tsv.gz	yzkxcl	33.370 62785
1950 19	1950 19	rs1142 00864	1	62742 41	A	G	2.13E-0 8	0.0208 768	-0.2934 06	0.0523 853	GCST90200322_build GRCh38.tsv.gz	yVqV UP	31.370 33169
1950 26	1950 26	rs1088 8445	1	15186 9294	T	A	5.37E-1 3	0.6059 32	0.11127 3	0.0154 21	GCST90200322_build GRCh38.tsv.gz	yVqV UP	52.066 03666
1952 33	1952 33	rs6443 851	3	18310 1261	G	A	9.55E-1 6	0.6747 02	-0.1292 02	0.0160 849	GCST90200322_build GRCh38.tsv.gz	yVqV UP	64.521 09695
1952 88	1952 88	rs1154 510	12	12185 7429	C	T	7.58E-2 1	0.8794 24	0.21296 2	0.0227 394	GCST90200322_build GRCh38.tsv.gz	yVqV UP	87.709 41836
1953 85	1953 85	rs7786 3699	16	20552 206	C	T	3.98E-1 3	0.0238 677	0.35565 6	0.0490 129	GCST90200322_build GRCh38.tsv.gz	yVqV UP	52.654 9834
1954 19	1954 19	rs1047 891	2	21067 5783	A	C	2.32E-4 1	0.3096 85	0.20419	0.0151 579	GCST90200323_build GRCh38.tsv.gz	feK0u g	181.46 41602
1956 02	1956 02	rs1145 086	15	45362 129	G	A	1.85E-1 3	0.3646 85	0.10791 8	0.0146 647	GCST90200323_build GRCh38.tsv.gz	feK0u g	54.155 35542
1956 23	1956 23	rs1407 60670	3	16820 9309	A	G	9.65E-0 9	0.0020 6018	-0.9683 11	0.1687 91	GCST90200326_build GRCh38.tsv.gz	Q22px I	32.910 24827
1956 24	1956 24	rs1047 891	2	21067 5783	A	C	1.56E-0 8	0.3095 79	-0.0903 798	0.0159 831	GCST90200327_build GRCh38.tsv.gz	ZevnK V	31.975 74844
1956 70	1956 70	rs1165 6215	17	17549 753	T	C	6.41E-1 5	0.5259 68	-0.1140 99	0.0146 363	GCST90200327_build GRCh38.tsv.gz	ZevnK V	60.771 65602
1957	1957	rs7719	5	11899	G	A	3.66E-1	0.4020	0.10298	0.0148	GCST90200328_build	jYxmy	48.300

21	21	875		73			2	59	5	183	GRCh38.tsv.gz	S	45043
1958 91	1958 91	rs4876 24	6	25879 311	A	C	6.11E-1 3	0.4261 12	-0.1063 99	0.0147 816	GCST90200328_build GRCh38.tsv.gz	jYxmy S	51.812 21999
1960 56	1960 56	rs7369 5512	7	50520 274	G	A	3.55E-1 9	0.0173 96	0.49172 9	0.0549 407	GCST90200328_build GRCh38.tsv.gz	jYxmy S	80.105 67175
1961 48	1961 48	rs1139 45618	11	21894 28	G	A	3.51E-3 6	0.2241 61	0.21775 6	0.0173 374	GCST90200328_build GRCh38.tsv.gz	jYxmy S	157.75 10731
1962 50	1962 50	rs7141 433	14	54869 559	T	C	2.05E-1 2	0.1162 85	-0.1573 59	0.0223 804	GCST90200328_build GRCh38.tsv.gz	jYxmy S	49.436 47375
1963 13	1963 13	rs4680	22	19963 748	A	G	5.83E-1 1	0.5148 68	-0.0949 509	0.0145 009	GCST90200328_build GRCh38.tsv.gz	jYxmy S	42.875 40703
1963 79	1963 79	rs1168 041	1	62494 579	C	T	1.24E-1 0	0.6690 72	0.10541 7	0.0163 842	GCST90200330_build GRCh38.tsv.gz	WUxj 45	41.397 18632
1966 31	1966 31	rs1745 64	11	61820 833	G	A	8.45E-6 9	0.3449 03	0.27581 6	0.0157 339	GCST90200330_build GRCh38.tsv.gz	WUxj 45	307.30 25334
1967 74	1967 74	rs4500 751	16	15046 354	T	C	6.94E-0 9	0.3111 38	0.09473 13	0.0163 544	GCST90200330_build GRCh38.tsv.gz	WUxj 45	33.551 94978
1967 81	1967 81	rs1735 39	16	56954 132	T	C	1.68E-0 8	0.3342 86	0.09004 93	0.0159 593	GCST90200330_build GRCh38.tsv.gz	WUxj 45	31.837 06361
1967 93	1967 93	rs1158 6345	1	24102 8169	A	G	1.52E-0 8	0.0341 103	-0.2406 17	0.0425 147	GCST90200331_build GRCh38.tsv.gz	ErA5L U	32.031 28619
1967 95	1967 95	rs7800 93	2	27519 736	C	T	1.83E-0 8	0.5976 61	-0.0888 17	0.0157 842	GCST90200331_build GRCh38.tsv.gz	ErA5L U	31.662 63461
1968 31	1968 31	rs1263 8256	3	14293 6448	G	A	2.98E-1 4	0.5307 38	0.11825 6	0.0155 615	GCST90200331_build GRCh38.tsv.gz	ErA5L U	57.748 86536

1968 91	1968 91	rs1745 64	11	61820 833	G	A	6.64E-1 1	0.3434 43	0.10631 6	0.0162 849	GCST90200331_build GRCh38.tsv.gz	ErA5L U	42.621 33658
1969 29	1969 29	rs9641 84	11	11677 8201	C	G	2.98E-1 1	0.8694 75	-0.1524 12	0.0229 276	GCST90200331_build GRCh38.tsv.gz	ErA5L U	44.189 70797
1969 95	1969 95	rs1046 8017	15	58386 313	T	C	1.51E-8 3	0.2883 19	0.32438 2	0.0167 507	GCST90200331_build GRCh38.tsv.gz	ErA5L U	375.01 40794
1971 18	1971 18	rs6336 95	15	58433 640	G	A	4.22E-3 8	0.2853 28	0.22324	0.0172 987	GCST90200331_build GRCh38.tsv.gz	ErA5L U	166.53 94375
1972 87	1972 87	rs1223 9737	1	62620 330	A	T	4.50E-0 9	0.3300 87	-0.0959 447	0.0163 599	GCST90200332_build GRCh38.tsv.gz	zHCX pE	34.393 84178
1973 30	1973 30	rs3134 939	6	32201 844	A	T	5.29E-0 9	0.4806 36	-0.0894 71	0.0153 265	GCST90200332_build GRCh38.tsv.gz	zHCX pE	34.078 35351
1973 73	1973 73	rs1745 64	11	61820 833	G	A	9.60E-3 0	0.3443 68	0.18297 9	0.0161 536	GCST90200332_build GRCh38.tsv.gz	zHCX pE	128.31 09884
1974 73	1974 73	rs7412	19	44908 822	T	C	2.53E-0 8	0.0840 015	0.15512 4	0.0278 428	GCST90200332_build GRCh38.tsv.gz	zHCX pE	31.040 74772
1975 36	1975 36	rs8736	19	54173 495	C	T	5.29E-3 7	0.5634 63	-0.2007 77	0.0157 985	GCST90200332_build GRCh38.tsv.gz	zHCX pE	161.50 88082
1976 10	1976 10	rs2424 708	20	25300 762	T	C	1.49E-0 9	0.4395 48	0.09454 87	0.0156 397	GCST90200332_build GRCh38.tsv.gz	zHCX pE	36.547 21494
1979 07	1979 07	rs1418 38588	8	11261 1547	C	T	4.48E-0 9	0.0728 12	-0.1715 04	0.0292 4	GCST90200335_build GRCh38.tsv.gz	Ha7C Rg	34.402 79841
1979 12	1979 12	rs1746 04	11	61858 798	G	C	9.68E-1 0	0.3669 85	-0.0957 504	0.0156 594	GCST90200335_build GRCh38.tsv.gz	Ha7C Rg	37.387 89018
1979	1979	rs1710	14	63765	A	G	4.47E-1	0.1645	0.17921	0.0200	GCST90200335_build	Ha7C	79.650

16	16	1394		668			9	36	7	81	GRCh38.tsv.gz	Rg	35835
1979	1979	rs1466	19	82246	A	C	1.95E-3	0.8085	0.22964	0.0187	GCST90200335_build	Ha7C	149.76
89	89	448		35			4	13	5	653	GRCh38.tsv.gz	Rg	24597
1980	1980	rs4459	19	44912	A	G	1.68E-0	0.1073	-0.1458	0.0242	GCST90200335_build	Ha7C	36.308
18	18	25		383			9	94	39	03	GRCh38.tsv.gz	Rg	55405
1980	1980	rs1686	20	12985	G	T	2.09E-0	0.6146	-0.0925	0.0154	GCST90200335_build	Ha7C	35.890
32	32	22		441			9	15	462	478	GRCh38.tsv.gz	Rg	8634
1980	1980	rs9641	11	11677	C	G	5.51E-0	0.8686	-0.1315	0.0225	GCST90200336_build	jYX1o	34.001
36	36	84		8201			9	73	3	566	GRCh38.tsv.gz	G	83565
1980	1980	rs4438	5	12991	A	C	4.64E-0	0.0586	0.17643	0.0322	GCST90200338_build	j4iiCz	29.859
37	37	875		227			8	216	4	879	GRCh38.tsv.gz		6671
1980	1980	rs1318	22	50525	C	G	3.45E-1	0.5686	0.10857	0.0156	GCST90200339_build	oogb	48.413
49	49	07		111			2	84	6	046	GRCh38.tsv.gz	WW	04451
1980	1980	rs1233	8	35513	C	A	4.29E-0	0.0911	-0.1471	0.0268	GCST90200340_build	rQ8QI	30.014
81	81	4629		542			8	187	36	566	GRCh38.tsv.gz	q	82591
1980	1980	rs1046	15	58386	T	C	1.61E-0	0.2885	0.09625	0.0170	GCST90200340_build	rQ8QI	31.921
82	82	8017		313			8	58	21	361	GRCh38.tsv.gz	q	26296
1983	1983	rs7082	10	63517	G	C	1.31E-0	0.8109	-0.1184	0.0195	GCST90200341_build	3m8H	36.801
02	02	076		185			9	42	56	266	GRCh38.tsv.gz	mU	10567
1983	1983	rs7160	14	63765	A	G	7.01E-1	0.1645	0.13381	0.0205	GCST90200341_build	3m8H	42.516
15	15	525		502			1	95	1	216	GRCh38.tsv.gz	mU	86128
1983	1983	rs1296	18	57635	A	G	4.93E-0	0.3672	-0.0960	0.0164	GCST90200341_build	3m8H	34.218
33	33	1923		037			9	9	013	115	GRCh38.tsv.gz	mU	24047
1983	1983	rs1466	19	82246	A	C	2.97E-2	0.8087	0.20766	0.0192	GCST90200341_build	3m8H	116.93
66	66	448		35			7	84		038	GRCh38.tsv.gz	mU	14542

1984 07	1984 07	rs3645 85	20	12982 070	G	A	1.06E-1 3	0.6156 88	-0.1166 61	0.0156 937	GCST90200341_build GRCh38.tsv.gz	3m8H mU	55.258 70423
1984 11	1984 11	rs3496 7683	22	46669 577	G	C	2.09E-0 8	0.2840 2	-0.0946 459	0.0168 876	GCST90200341_build GRCh38.tsv.gz	3m8H mU	31.409 98603
1984 19	1984 19	rs1488 04382	3	52078 217	A	C	4.29E-0 9	0.0106 318	0.42132 5	0.0717 454	GCST90200343_build GRCh38.tsv.gz	yEytM n	34.486 27892
1985 03	1985 03	rs5044 34	9	12771 5489	A	G	2.37E-3 1	0.5104 57	-0.1679 23	0.0144 172	GCST90200343_build GRCh38.tsv.gz	yEytM n	135.66 2096
1986 10	1986 10	rs9928 003	16	20346 926	C	A	3.55E-0 9	0.1795 04	-0.1128 08	0.0191 073	GCST90200343_build GRCh38.tsv.gz	yEytM n	34.856 28952
1986 41	1986 41	rs3440 0381	11	65376 421	A	G	5.82E-3 1	0.0338 309	0.46949 7	0.0405 773	GCST90200344_build GRCh38.tsv.gz	KqfbS b	133.87 49592
1986 52	1986 52	rs1179 62473	11	65530 339	T	C	1.38E-1 0	0.0104 69	0.46741 3	0.0728 229	GCST90200344_build GRCh38.tsv.gz	KqfbS b	41.197 00411
1986 66	1986 66	rs9925 773	16	68278 961	G	A	2.87E-1 2	0.7276 3	0.11628 3	0.0166 506	GCST90200344_build GRCh38.tsv.gz	KqfbS b	48.772 23747
1990 29	1990 29	rs9688 867	6	14977 0776	G	A	2.39E-2 6	0.3598 82	0.17876 6	0.0168 32	GCST90200345_build GRCh38.tsv.gz	u3ZCs 3	112.79 72211
1993 00	1993 00	rs6182 5638	1	24155 0102	T	C	8.33E-1 8	0.2462 01	-0.1433 87	0.0166 825	GCST90200348_build GRCh38.tsv.gz	5b7uG T	73.874 96526
1994 70	1994 70	rs3769 023	2	13495 6133	A	G	4.47E-1 0	0.4547 4	-0.0895 797	0.0143 635	GCST90200348_build GRCh38.tsv.gz	5b7uG T	38.895 43652
1994 97	1994 97	rs1177 9313	8	39929 326	T	C	3.77E-0 9	0.3817 02	-0.0879 405	0.0149 202	GCST90200348_build GRCh38.tsv.gz	5b7uG T	34.739 90061
1995	1995	rs4766	12	11146	A	T	1.06E-1	0.5	-0.1195	0.0144	GCST90200348_build	5b7uG	68.860

04	04	578		6567			6		71	092	GRCh38.tsv.gz	T	78732
1995 47	1995 47	rs1745 46	11	61802 358	T	C	7.83E-4 0	0.3392 12	-0.2051 14	0.0155 289	GCST90200349_build GRCh38.tsv.gz	mpBh JI	174.46 53642
1996 98	1996 98	rs5658 22691	2	21775 2912	A	G	4.95E-0 8	0.0006 09236	1.63288	0.2994 48	GCST90200350_build GRCh38.tsv.gz	gzBPl w	29.734 84684
1996 99	1996 99	rs1220 8357	6	16012 2116	T	C	3.15E-0 8	0.0690 814	0.16220 3	0.0293 162	GCST90200351_build GRCh38.tsv.gz	ROzK qn	30.612 75481
1997 24	1997 24	rs1049 742	7	15085 7465	T	C	1.29E-1 3	0.0778 669	0.20689 1	0.0279 307	GCST90200351_build GRCh38.tsv.gz	ROzK qn	54.868 05398
2002 33	2002 33	rs4921 913	8	18414 867	T	C	9.16E-2 74	0.7749 54	-0.5924 43	0.0167 581	GCST90200351_build GRCh38.tsv.gz	ROzK qn	1249.8 08833
2004 13	2004 13	rs1483 81953	22	50123 655	G	A	5.86E-2 2	0.0184 038	0.53750 6	0.0558 042	GCST90200351_build GRCh38.tsv.gz	ROzK qn	92.775 40522
2004 35	2004 35	rs6108 03	6	13761 2787	G	A	1.22E-0 8	0.8069 67	0.11205	0.0196 677	GCST90200352_build GRCh38.tsv.gz	rBlQj K	32.457 61252
2006 83	2006 83	rs3916	12	12073 9469	C	G	2.22E-1 16	0.2655 86	0.38621 5	0.0168 416	GCST90200352_build GRCh38.tsv.gz	rBlQj K	525.88 59615
2010 35	2010 35	rs1759 6628	2	59684 093	C	G	4.04E-0 8	0.0277 572	-0.2805 3	0.0511 072	GCST90200357_build GRCh38.tsv.gz	gG5F F3	30.129 67502
2010 41	2010 41	rs2054 576	4	88107 623	G	A	1.02E-1 0	0.0905 765	-0.1878 21	0.0290 592	GCST90200357_build GRCh38.tsv.gz	gG5F F3	41.775 43579
2010 78	2010 78	rs9516 557	13	95283 173	A	G	3.13E-1 4	0.6999 1	-0.1388 4	0.0182 857	GCST90200357_build GRCh38.tsv.gz	gG5F F3	57.650 89174
2011 27	2011 27	rs1715 83	16	16038 475	G	A	1.19E-0 8	0.2934 28	-0.1054 33	0.0184 951	GCST90200357_build GRCh38.tsv.gz	gG5F F3	32.496 73738

2011 72	2011 72	rs1022 75	11	61790 331	C	T	1.37E-9 0	0.3462 61	-0.3137 82	0.0155 465	GCST90200358_build GRCh38.tsv.gz	k6sHs D	407.37 16398
2014 33	2014 33	rs1047 891	2	21067 5783	A	C	5.43E-1 1	0.3104 46	-0.1067 71	0.0162 798	GCST90200359_build GRCh38.tsv.gz	pTIqs 0	43.013 86722
2014 39	2014 39	rs9471 975	6	42951 484	C	T	4.46E-1 0	0.5797 94	0.09469 75	0.0151 834	GCST90200359_build GRCh38.tsv.gz	pTIqs 0	38.899 04693
2018 35	2018 35	rs4870 052	6	14983 9978	A	G	6.70E-1 1	0.3411 09	-0.1022 85	0.0156 703	GCST90200359_build GRCh38.tsv.gz	pTIqs 0	42.605 85423
2018 67	2018 67	rs6621 38	6	16014 3444	G	C	6.70E-0 9	0.1756 24	-0.1146 89	0.0197 8	GCST90200359_build GRCh38.tsv.gz	pTIqs 0	33.619 47735
2018 69	2018 69	rs4127 8174	16	16165 739	A	G	1.06E-0 9	0.0241 985	0.29431 5	0.0482 533	GCST90200359_build GRCh38.tsv.gz	pTIqs 0	37.202 38255
2018 96	2018 96	rs6780 429	3	30708 912	C	A	1.43E-3 5	0.4547 68	-0.1940 2	0.0155 858	GCST90200361_build GRCh38.tsv.gz	xrYZv w	154.96 54217
2023 60	2023 60	rs1780 318	1	21569 132	T	A	1.00E-1 9	0.9435 18	0.30246 9	0.0332 792	GCST90200363_build GRCh38.tsv.gz	bCdU ww	82.606 8355
2024 27	2024 27	rs7564 2681	22	24099 578	G	A	6.22E-0 9	0.0540 705	-0.1956 96	0.0336 788	GCST90200363_build GRCh38.tsv.gz	bCdU ww	33.763 75031
2025 35	2025 35	rs2062 541	16	16033 378	A	G	6.00E-1 6	0.6106 57	0.12850 6	0.0158 859	GCST90200364_build GRCh38.tsv.gz	aJDW bf	65.436 9671
2027 23	2027 23	rs4091 70	16	89615 942	G	A	7.12E-5 3	0.6125 47	-0.2404 29	0.0157 096	GCST90200364_build GRCh38.tsv.gz	aJDW bf	234.23 05003
2034 66	2034 66	rs1887 11067	19	52059 338	C	A	3.28E-0 8	0.1110 7	0.13275 3	0.0240 243	GCST90200364_build GRCh38.tsv.gz	aJDW bf	30.534 24624
2035	2035	rs2997	9	12881	T	C	1.24E-1	0.7089	0.13704	0.0165	GCST90200365_build	sOYzp	68.548

12	12	922		8465			6	15	1	52	GRCh38.tsv.gz	8	83571
2035 66	2035 66	rs1473 206	16	58737 529	A	G	2.72E-1 3	0.5286 88	-0.1090 89	0.0149 28	GCST90200365_build GRCh38.tsv.gz	sOYzp 8	53.402 14093
2037 33	2037 33	rs7792 4615	16	20381 010	A	G	6.91E-0 9	0.1924 28	-0.0992 923	0.0171 397	GCST90200366_build GRCh38.tsv.gz	LXGij q	33.560 21306
2037 34	2037 34	rs1168 041	1	62494 579	C	T	7.80E-0 9	0.6684 01	0.09326 67	0.0161 566	GCST90200368_build GRCh38.tsv.gz	we6jg 2	33.323 70455
2038 00	2038 00	rs2977 995	9	12882 1966	G	A	4.19E-2 4	0.7490 41	0.17876 8	0.0176 526	GCST90200369_build GRCh38.tsv.gz	IYGa7 R	102.55 62665
2038 75	2038 75	rs1161 4623	12	12186 4680	T	C	5.40E-1 3	0.1189 53	-0.1706 37	0.0236 508	GCST90200369_build GRCh38.tsv.gz	IYGa7 R	52.054 07615
2039 43	2039 43	rs1354 034	3	56815 721	C	T	1.31E-2 6	0.6089 81	0.16221 1	0.0151 931	GCST90200370_build GRCh38.tsv.gz	ryuBA s	113.99 02774
2039 64	2039 64	rs6235 4638	5	36638 487	A	G	1.54E-0 8	0.0319 679	-0.2401 84	0.0424 57	GCST90200370_build GRCh38.tsv.gz	ryuBA s	32.002 91507
2039 71	2039 71	rs1216 018	6	11118 2084	T	C	6.94E-1 0	0.7085 26	-0.0992 148	0.0160 867	GCST90200371_build GRCh38.tsv.gz	f8ow3 p	38.038 11587
2044 25	2044 25	rs1260 2929	17	82233 285	C	T	1.98E-2 4	0.7000 61	-0.1616 52	0.0158 478	GCST90200371_build GRCh38.tsv.gz	f8ow3 p	104.04 57154
2044 32	2044 32	rs4502 705	4	77083 515	A	G	2.66E-1 0	0.6376 39	0.10246 5	0.0162 2	GCST90200372_build GRCh38.tsv.gz	s5T85 X	39.907 0283
2044 98	2044 98	rs2246 012	6	13157 7068	C	T	7.08E-1 7	0.1604 67	0.17325 5	0.0207 597	GCST90200372_build GRCh38.tsv.gz	s5T85 X	69.651 32897
2045 63	2045 63	rs2182 168	10	98388 596	G	C	1.40E-1 7	0.3539 96	0.13655 1	0.0159 986	GCST90200372_build GRCh38.tsv.gz	s5T85 X	72.849 37152

2047 07	2047 07	rs1894 07772	4	99225 517	G	A	1.07E-4 0	0.0216 367	-0.6660 67	0.0498 644	GCST90200373_build GRCh38.tsv.gz	UXyx w8	178.42 45619
2047 32	2047 32	rs1003 1168	4	99360 736	C	T	1.33E-1 2	0.2534 02	-0.1215 06	0.0171 342	GCST90200373_build GRCh38.tsv.gz	UXyx w8	50.288 39608
2047 40	2047 40	rs1354 034	3	56815 721	C	T	1.90E-1 3	0.6123 73	0.12340 6	0.0167 763	GCST90200374_build GRCh38.tsv.gz	Pvpjos	54.110 33015
2047 74	2047 74	rs1094 8077	6	43427 026	C	A	1.30E-1 0	0.5557 38	0.09749 23	0.0151 682	GCST90200375_build GRCh38.tsv.gz	bWKj aw	41.311 64985
2047 97	2047 97	rs3859 862	22	24601 103	G	A	1.10E-1 1	0.3569 92	-0.1085 69	0.0159 844	GCST90200375_build GRCh38.tsv.gz	bWKj aw	46.133 77545
2050 17	2050 17	rs7471 0463	2	70185 798	C	T	1.24E-1 5	0.0672 43	0.28325 7	0.0354 032	GCST90200376_build GRCh38.tsv.gz	exLiJ0	64.014 19159
2051 48	2051 48	rs2706 762	2	70261 338	T	C	1.66E-9 1	0.1415 2	-0.5011 54	0.0247 027	GCST90200376_build GRCh38.tsv.gz	exLiJ0	411.57 93281
2052 97	2052 97	rs6239 5307	6	31461 735	A	G	5.51E-1 1	0.0543 113	0.26011 5	0.0396 727	GCST90200376_build GRCh38.tsv.gz	exLiJ0	42.988 00376
2052 99	2052 99	rs715	2	21067 8331	C	T	8.95E-0 9	0.3073	-0.0955 159	0.0166 127	GCST90200377_build GRCh38.tsv.gz	W2F8 d4	33.057 56796
2053 01	2053 01	rs7663 032	4	99922 14	T	C	1.01E-0 8	0.7485 93	-0.1000 37	0.0174 62	GCST90200377_build GRCh38.tsv.gz	W2F8 d4	32.819 60507
2053 35	2053 35	rs4491 436	14	94338 363	C	A	5.84E-1 1	0.2054 72	0.12285 1	0.0187 62	GCST90200378_build GRCh38.tsv.gz	59Kp8 i	42.874 50595
2054 00	2054 00	rs1595 693	4	13812 2498	C	T	2.09E-1 3	0.3253 44	-0.1149 63	0.0156 569	GCST90200379_build GRCh38.tsv.gz	SvZ8g k	53.914 38073
2054	2054	rs1366	5	11571	T	C	4.67E-1	0.5295	-0.0963	0.0146	GCST90200379_build	SvZ8g	43.312

43	43	463		3487			1	49	758	441	GRCh38.tsv.gz	k	23755
2054 57	2054 57	rs1126 464	16	89637 957	C	G	1.10E-0 8	0.2237 28	0.10221 2	0.0178 847	GCST90200379_build GRCh38.tsv.gz	SvZ8g k	32.661 82543
2054 59	2054 59	rs8105 903	19	46784 893	A	C	3.04E-0 9	0.5426 76	-0.0898 438	0.0151 518	GCST90200379_build GRCh38.tsv.gz	SvZ8g k	35.159 91096
2054 66	2054 66	rs3092 098	20	46616 207	C	T	2.13E-0 9	0.1765 24	0.12424	0.0207 501	GCST90200380_build GRCh38.tsv.gz	dJXbT K	35.849 45002
2054 71	2054 71	rs6175 7683	1	18872 954	T	G	6.96E-1 2	0.0204 607	0.37870 5	0.0552 177	GCST90200381_build GRCh38.tsv.gz	gD8Ik 4	47.037 63226
2057 61	2057 61	rs2242 090	8	14360 6566	G	C	9.29E-1 35	0.5443 64	-0.3704 21	0.0149 933	GCST90200381_build GRCh38.tsv.gz	gD8Ik 4	610.37 5001
2059 14	2059 14	rs2894 1785	1	70415 987	T	C	6.99E-3 4	0.0103 061	0.91709 7	0.0755 82	GCST90200383_build GRCh38.tsv.gz	PEm WRm	147.22 91437
2059 33	2059 33	rs1260 8955	19	32911 901	C	T	1.39E-0 9	0.2010 51	0.11527	0.0190 321	GCST90200383_build GRCh38.tsv.gz	PEm WRm	36.682 52012
2059 61	2059 61	rs2781 668	6	13157 6138	T	C	1.07E-0 9	0.1587 36	0.12172 5	0.0199 615	GCST90200384_build GRCh38.tsv.gz	58jGO m	37.185 46531
2059 78	2059 78	rs3440 0381	11	65376 421	A	G	6.42E-1 8	0.0334 71	-0.3492 15	0.0404 895	GCST90200384_build GRCh38.tsv.gz	58jGO m	74.387 6694
2059 82	2059 82	rs1106 2102	12	23961 9	C	T	2.66E-1 6	0.6550 88	0.12749 9	0.0155 718	GCST90200384_build GRCh38.tsv.gz	58jGO m	67.040 29595
2060 59	2060 59	rs1112 45176	14	10035 1992	T	C	9.07E-1 2	0.0260 594	0.31473 5	0.0461 449	GCST90200384_build GRCh38.tsv.gz	58jGO m	46.520 31685
2060 89	2060 89	rs7262 9024	20	63521 166	G	C	6.24E-1 5	0.1443 09	0.16400 8	0.0210 294	GCST90200384_build GRCh38.tsv.gz	58jGO m	60.824 18546

2060 92	2060 92	rs1354 034	3	56815 721	C	T	3.20E-1 7	0.6103 7	0.13608 4	0.0161 254	GCST90200385_build GRCh38.tsv.gz	a2WF sO	71.218 55206
2061 35	2061 35	rs1010 7182	8	58480 178	T	C	6.85E-1 0	0.6641 25	0.10461	0.0169 558	GCST90200386_build GRCh38.tsv.gz	oO4G p0	38.063 59762
2061 47	2061 47	rs5569 5203	12	21204 819	C	G	3.99E-0 9	0.1579 95	0.12852 8	0.0218 416	GCST90200386_build GRCh38.tsv.gz	oO4G p0	34.627 93556
2061 80	2061 80	rs6034 24	10	10031 5722	A	G	1.17E-1 1	0.1761 07	-0.1281 42	0.0188 908	GCST90200388_build GRCh38.tsv.gz	f2GyO g	46.013 185
2061 82	2061 82	rs5449 07088	4	12339 075	C	G	3.49E-0 8	0.0006 09162	1.71165	0.3103 65	GCST90200391_build GRCh38.tsv.gz	Dtgs0J	30.414 76389
2064 57	2064 57	rs1683 5929	3	12473 6367	G	A	1.43E-2 48	0.1778 23	-0.6352 52	0.0188 653	GCST90200392_build GRCh38.tsv.gz	mIPuL q	1133.8 73617
2071 00	2071 00	rs4316 067	7	33041 902	G	A	2.49E-9 5	0.2949 63	-0.3414 96	0.0164 847	GCST90200392_build GRCh38.tsv.gz	mIPuL q	429.15 0029
2075 49	2075 49	rs4701 19	22	50528 485	C	T	3.59E-0 8	0.6105 7	0.08743 42	0.0158 691	GCST90200392_build GRCh38.tsv.gz	mIPuL q	30.356 94667
2075 54	2075 54	rs1213 2412	1	21493 549	G	A	2.40E-1 0	0.4006 76	0.09901 9	0.0156 34	GCST90200393_build GRCh38.tsv.gz	DP8Y Cv	40.114 0819
2075 83	2075 83	rs9469 582	6	33748 162	G	A	7.67E-1 3	0.0697 519	-0.2119 23	0.0295 695	GCST90200393_build GRCh38.tsv.gz	DP8Y Cv	51.365 11024
2076 57	2076 57	rs9374 75	12	10285 4494	G	A	6.19E-2 0	0.6003 41	-0.1442 73	0.0157 831	GCST90200396_build GRCh38.tsv.gz	Hehb6 l	83.557 51369
2077 48	2077 48	rs5362 64380	12	89448 917	T	A	1.80E-0 8	0.0015 7404	-1.0654 8	0.1892 28	GCST90200397_build GRCh38.tsv.gz	BUpZ UG	31.704 41949
2081	2081	rs3512	17	82232	C	T	1.57E-3	0.4637	-0.1723	0.0150	GCST90200398_build	VAm9	131.90

97	97	1878		895			0	33	46	063	GRCh38.tsv.gz	mC	31502
2082 12	2082 12	rs6124 830	20	46608 139	C	T	3.32E-2 2	0.1904 56	0.18662 9	0.0192 595	GCST90200398_build GRCh38.tsv.gz	VAm9 mC	93.900 57286
2082 26	2082 26	rs5459 22723	10	91456 204	C	T	3.40E-1 0	0.0007 42666	1.78204	0.2837 87	GCST90200400_build GRCh38.tsv.gz	d7uDs o	39.432 09961
2082 28	2082 28	rs7277 0483	16	24914 993	G	T	2.48E-1 0	0.0681 707	-0.1878 03	0.0296 758	GCST90200401_build GRCh38.tsv.gz	eOO9 UP	40.049 78417
2082 75	2082 75	rs1720 32	19	18522 945	C	T	1.78E-0 8	0.4375 77	0.08635 16	0.0153 308	GCST90200401_build GRCh38.tsv.gz	eOO9 UP	31.725 69479
2082 88	2082 88	rs1383 73837	5	36219 608	T	C	7.12E-1 2	0.0239 655	0.34464 9	0.0502 748	GCST90200402_build GRCh38.tsv.gz	2GMR VP	46.995 18269
2084 05	2084 05	rs1876 717	8	49082 409	G	T	8.53E-1 6	0.5383 58	0.12435	0.0154 543	GCST90200402_build GRCh38.tsv.gz	2GMR VP	64.743 01232
2085 33	2085 33	rs9925 773	16	68278 961	G	A	9.64E-2 3	0.7284 91	0.16892 2	0.0172 095	GCST90200402_build GRCh38.tsv.gz	2GMR VP	96.346 49592
2086 64	2086 64	rs6029 6118	22	37024 849	T	C	6.76E-1 2	0.0543 953	-0.2321 16	0.0338 236	GCST90200402_build GRCh38.tsv.gz	2GMR VP	47.094 53318
2087 14	2087 14	rs3732 055	2	21046 9984	C	A	1.10E-1 0	0.4759 91	0.09900 75	0.0153 445	GCST90200403_build GRCh38.tsv.gz	JewNb O	41.632 3289
2087 98	2087 98	rs1090 1047	9	13044 8288	C	T	3.65E-1 1	0.4165 3	0.10595 2	0.0160 104	GCST90200403_build GRCh38.tsv.gz	JewNb O	43.793 93338
2088 13	2088 13	rs1778 8484	6	13157 3218	T	C	3.21E-1 5	0.0193 219	0.44040 3	0.0558 702	GCST90200404_build GRCh38.tsv.gz	cIn0va	62.135 5412
2088 33	2088 33	rs1667 226	18	31560 497	T	A	5.74E-1 1	0.5201 14	0.10127 1	0.0154 605	GCST90200405_build GRCh38.tsv.gz	OhD3 Y1	42.906 50368

2088 87	2088 87	rs1883 711	20	40551 182	C	G	9.73E-1 0	0.0294 37	-0.2777 8	0.0454 347	GCST90200405_build GRCh38.tsv.gz	OhD3 Y1	37.378 90868
2088 89	2088 89	rs3798 167	6	16014 6896	T	G	2.75E-0 9	0.2023 54	-0.1142 58	0.0192 162	GCST90200406_build GRCh38.tsv.gz	5u8Sc I	35.353 97213
2089 26	2089 26	rs6673 1853	1	20589 745	A	G	4.40E-1 9	0.3205 44	-0.1462 76	0.0163 867	GCST90200407_build GRCh38.tsv.gz	PkR35 X	79.682 53566
2089 58	2089 58	rs1027 8152	7	48089 060	A	T	3.33E-1 0	0.5517 7	-0.0962 233	0.0153 164	GCST90200407_build GRCh38.tsv.gz	PkR35 X	39.468 17949
2089 86	2089 86	rs1318 05	22	50525 724	C	T	1.16E-1 6	0.7744 08	-0.1530 99	0.0184 751	GCST90200407_build GRCh38.tsv.gz	PkR35 X	68.670 64277
2090 17	2090 17	rs2540 640	22	18972 067	C	G	9.75E-7 6	0.0931 757	0.46727 2	0.0253 73	GCST90200411_build GRCh38.tsv.gz	97Aks G	339.15 3167
2090 69	2090 69	rs1343 3658	22	19028 734	G	C	1.36E-0 8	0.1783 64	-0.1127 66	0.0198 592	GCST90200411_build GRCh38.tsv.gz	97Aks G	32.242 80762
2090 85	2090 85	rs6235 4638	5	36638 487	A	G	1.00E-1 0	0.0318 969	-0.2676 39	0.0413 865	GCST90200412_build GRCh38.tsv.gz	AjlkF w	41.819 74656
2090 92	2090 92	rs6673 1853	1	20589 745	A	G	6.62E-1 1	0.3185 4	-0.1070 77	0.0164 002	GCST90200413_build GRCh38.tsv.gz	YPhh MP	42.627 916
2091 00	2091 00	rs7751 693	6	35727 497	A	G	1.11E-0 8	0.0378 683	0.22643 2	0.0396 392	GCST90200413_build GRCh38.tsv.gz	YPhh MP	32.630 65888
2091 41	2091 41	rs1318 05	22	50525 724	C	T	1.29E-6 8	0.7719 52	-0.3154 98	0.0180 221	GCST90200413_build GRCh38.tsv.gz	YPhh MP	306.46 60923
2093 54	2093 54	rs5619 31	1	11971 1883	G	A	6.97E-3 3	0.5812 34	0.18291 7	0.0153 145	GCST90200415_build GRCh38.tsv.gz	PquE Uc	142.66 00906
2093	2093	rs1047	2	21067	A	C	1.56E-3	0.3099	0.20508	0.0162	GCST90200415_build	PquE	159.35

80	80	891		5783			6	08	6	46	GRCh38.tsv.gz	Uc	99305
2097 50	2097 50	rs8164 11	7	56103 796	T	C	5.36E-2 3	0.5013 95	-0.1484 74	0.0150 358	GCST90200415_build GRCh38.tsv.gz	PquE Uc	97.509 68136
2097 79	2097 79	rs6983 849	8	18356 365	C	T	1.98E-0 8	0.1447 59	0.12183 4	0.0217 035	GCST90200416_build GRCh38.tsv.gz	Lnnx Gc	31.512 10788
2100 51	2100 51	rs3213 737	12	95986 028	A	G	6.52E-8 5	0.5650 67	0.29854 4	0.0152 891	GCST90200416_build GRCh38.tsv.gz	Lnnx Gc	381.28 77498
2101 52	2101 52	rs5603 5820	19	51016 454	T	C	1.70E-0 8	0.2156 25	0.10893 2	0.0193 124	GCST90200416_build GRCh38.tsv.gz	Lnnx Gc	31.815 47846
2102 65	2102 65	rs1260 326	2	27508 073	C	T	3.66E-1 0	0.5873 21	0.09881 67	0.0157 656	GCST90200419_build GRCh38.tsv.gz	FiLnV t	39.286 16947
2103 19	2103 19	rs2657 879	12	56471 554	G	A	4.03E-5 1	0.1947 95	-0.2892 29	0.0192 309	GCST90200419_build GRCh38.tsv.gz	FiLnV t	226.19 57564
2104 31	2104 31	rs1878 60212	2	22282 8753	A	G	1.56E-0 8	0.0047 0258	0.62352 2	0.1102 63	GCST90200420_build GRCh38.tsv.gz	wGv4 Gf	31.977 45924
2104 32	2104 32	rs7362 7137	20	60928 460	A	T	3.56E-0 8	0.0004 90076	1.89659	0.3441 37	GCST90200421_build GRCh38.tsv.gz	dKca HP	30.372 75422
2104 34	2104 34	rs3811 444	1	24787 6149	T	C	7.00E-1 1	0.3499 86	0.11130 5	0.0170 697	GCST90200423_build GRCh38.tsv.gz	yDgiq D	42.518 46439
2107 81	2107 81	rs2483 86	5	79034 404	A	C	4.17E-1 04	0.1797 63	0.40676 5	0.0187 732	GCST90200424_build GRCh38.tsv.gz	pPjGR B	469.47 29134
2109 89	2109 89	rs1180 28082	10	10246 7077	A	G	1.40E-0 9	0.0687 279	0.17794 3	0.0293 873	GCST90200424_build GRCh38.tsv.gz	pPjGR B	36.664 21943
2110 17	2110 17	rs7949 5512	15	76199 996	C	T	3.01E-1 3	0.0869 618	0.19168 5	0.0262 798	GCST90200424_build GRCh38.tsv.gz	pPjGR B	53.202 51305

2110 45	2110 45	rs1047 891	2	21067 5783	A	C	3.11E-2 2	0.3091 5	-0.1561	0.0160 982	GCST90200425_build GRCh38.tsv.gz	wVlGf X	94.026 6945
2113 55	2113 55	rs5956 53	5	79088 039	A	G	4.26E-4 6	0.5060 36	0.20873 3	0.0146 443	GCST90200425_build GRCh38.tsv.gz	wVlGf X	203.16 31771
2116 68	2116 68	rs1506 00000	5	79502 831	A	C	3.98E-1 1	0.0326 007	-0.2789 94	0.0422 415	GCST90200425_build GRCh38.tsv.gz	wVlGf X	43.622 55147
2116 70	2116 70	rs8025 4170	6	16009 3251	G	A	4.55E-1 0	0.0753 891	-0.1738 55	0.0278 879	GCST90200425_build GRCh38.tsv.gz	wVlGf X	38.863 57478
2116 79	2116 79	rs6621 38	6	16014 3444	G	C	7.84E-1 5	0.1757 02	-0.1521 26	0.0195 782	GCST90200425_build GRCh38.tsv.gz	wVlGf X	60.375 58763
2117 87	2117 87	rs1106 1978	12	20943 5	T	C	3.16E-4 0	0.4714 75	-0.1981 48	0.0149 245	GCST90200425_build GRCh38.tsv.gz	wVlGf X	176.27 05687
2118 03	2118 03	rs7469 00	17	17522 813	A	T	1.10E-1 1	0.5298 23	-0.1012 58	0.0149 067	GCST90200425_build GRCh38.tsv.gz	wVlGf X	46.141 92062
2118 46	2118 46	rs7323 3394	21	42995 872	C	T	2.06E-0 8	0.0569 722	0.18123 1	0.0323 216	GCST90200425_build GRCh38.tsv.gz	wVlGf X	31.439 76354
2119 63	2119 63	rs1220 6654	6	11123 5631	C	T	1.91E-1 8	0.1451 34	0.19439 9	0.0221 848	GCST90200427_build GRCh38.tsv.gz	TFAdl A	76.785 11118
2122 37	2122 37	rs1508 51429	16	71591 928	C	G	5.22E-1 2	0.0149 281	0.44105 4	0.0639 261	GCST90200427_build GRCh38.tsv.gz	TFAdl A	47.602 20942
2122 41	2122 41	rs1505 72890	10	52243 686	T	C	1.36E-0 8	0.0308 135	0.24962 8	0.0439 625	GCST90200428_build GRCh38.tsv.gz	tsUW 6G	32.241 98947
2122 59	2122 59	rs7275 4978	15	84961 789	C	T	2.18E-1 1	0.0586 27	-0.2250 17	0.0336 174	GCST90200429_build GRCh38.tsv.gz	HqBr GN	44.802 51739
2122	2122	rs1771	1	21397	A	T	3.59E-0	0.0297	0.26883	0.0455	GCST90200432_build	wwQw	34.836

75	75	2208		7102			9	997	5	48	GRCh38.tsv.gz	b5	37805
2122	2122	rs1260	2	27508	C	T	2.58E-1	0.5876	0.12381	0.0156	GCST90200432_build	wvQw	62.566
79	79	326		073			5	49	4	531	GRCh38.tsv.gz	b5	05747
2123	2123	rs1047	2	21067	A	C	1.74E-1	0.3090	-0.1228	0.0166	GCST90200432_build	wvQw	54.273
45	45	891		5783			3	02	19	714	GRCh38.tsv.gz	b5	39268
2123	2123	rs2079	12	46794	G	A	5.43E-1	0.1247	-0.1445	0.0232	GCST90200432_build	wvQw	38.517
50	50	787		299			0	87	64	934	GRCh38.tsv.gz	b5	18537
2123	2123	rs7441	14	10034	C	A	2.20E-0	0.4870	-0.0878	0.0156	GCST90200432_build	wvQw	31.312
57	57	0978		6169			8	75	075	917	GRCh38.tsv.gz	b5	89572
2125	2125	rs1260	2	27508	C	T	3.39E-6	0.5869	0.26136	0.0153	GCST90200435_build	vy1ap	290.75
74	74	326		073			5	64	3	277	GRCh38.tsv.gz	O	97118
2127	2127	rs6192	12	23080	T	C	2.70E-0	0.0320	0.24136	0.0434	GCST90200435_build	vy1ap	30.914
87	87	4084		167			8	669	1	095	GRCh38.tsv.gz	O	67078
2128	2128	rs9853	4	15585	C	T	2.95E-1	0.1598	-0.1310	0.0208	GCST90200441_build	6Bzcf	39.704
11	11	35		6376			0	17	78	022	GRCh38.tsv.gz	g	62307
2128	2128	rs1216	6	11118	C	T	3.93E-1	0.7087	-0.1033	0.0165	GCST90200441_build	6Bzcf	39.148
38	38	019		1991			0	44	3	146	GRCh38.tsv.gz	g	6455
2130	2130	rs1002	4	76489	A	C	1.29E-1	0.5257	0.09172	0.0142	GCST90200443_build	WA2	41.323
12	12	9860		948			0	63	1	683	GRCh38.tsv.gz	Cxj	11938
2130	2130	rs7792	16	20381	A	G	2.47E-0	0.1928	-0.1024	0.0183	GCST90200443_build	WA2	31.087
25	25	4615		010			8	04	85	808	GRCh38.tsv.gz	Cxj	92903
2130	2130	rs3594	5	54307	C	G	5.55E-1	0.8489	-0.1336	0.0215	GCST90200444_build	dBow	38.472
26	26	2		763			0	65	52	477	GRCh38.tsv.gz	3A	38262
2130	2130	rs7920	10	10287	A	T	3.17E-1	0.2280	-0.1142	0.0181	GCST90200444_build	dBow	39.565
64	64	657		3487			0	62	96	708	GRCh38.tsv.gz	3A	2548

2132 20	2132 20	rs6186 1927	10	12447 1926	A	G	5.35E-1 5	0.3814 65	0.12361 5	0.0158 109	GCST90200444_build GRCh38.tsv.gz	dBow 3A	61.126 44836
2132 48	2132 48	rs2236 659	11	12306 2473	G	A	1.01E-1 1	0.0407 403	0.26254 2	0.0385 826	GCST90200444_build GRCh38.tsv.gz	dBow 3A	46.303 58293
2133 40	2133 40	rs8032 081	15	78247 319	G	A	2.62E-7 8	0.3837 72	-0.2909 41	0.0155 302	GCST90200444_build GRCh38.tsv.gz	dBow 3A	350.95 84934
2133 85	2133 85	rs1244 2376	15	78267 425	G	T	2.44E-1 7	0.7188 78	0.14449 5	0.0170 584	GCST90200444_build GRCh38.tsv.gz	dBow 3A	71.751 18052
2135 26	2135 26	rs6173 3129	16	72023 522	T	C	2.80E-0 8	0.0301 197	0.24861 3	0.0447 659	GCST90200444_build GRCh38.tsv.gz	dBow 3A	30.842 74533
2136 98	2136 98	rs1209 4842	1	75783 905	A	G	4.96E-1 4	0.3116 15	-0.1247 24	0.0165 57	GCST90200445_build GRCh38.tsv.gz	UsoSt K	56.746 19728
2138 20	2138 20	rs3645 85	20	12982 070	G	A	6.04E-1 1	0.6059 32	-0.1145 73	0.0175 115	GCST90200448_build GRCh38.tsv.gz	KMG vD1	42.807 3036
2139 02	2139 02	rs1208 7626	1	75682 788	A	C	1.78E-2 8	0.3043 3	-0.1903 98	0.0172 015	GCST90200450_build GRCh38.tsv.gz	2KxrJ R	122.51 58069
2142 28	2142 28	rs715	2	21067 8331	C	T	2.71E-0 8	0.3074 28	-0.0933 317	0.0167 886	GCST90200452_build GRCh38.tsv.gz	WHU 7b6	30.905 04562
2142 67	2142 67	rs2839 3117	7	97866 354	T	C	4.48E-1 2	0.7385 68	0.12188 4	0.0176 103	GCST90200452_build GRCh38.tsv.gz	WHU 7b6	47.902 68845
2143 19	2143 19	rs1153 95195	11	62332 881	A	G	1.26E-1 3	0.1235 27	-0.1714 98	0.0231 446	GCST90200452_build GRCh38.tsv.gz	WHU 7b6	54.905 86786
2145 84	2145 84	rs1116 88512	14	10384 3837	A	G	1.74E-1 2	0.1266 94	-0.1624 48	0.0230 294	GCST90200452_build GRCh38.tsv.gz	WHU 7b6	49.758 06595
2146	2146	rs8012	14	10410	G	C	2.08E-1	0.1283	0.63060	0.0219	GCST90200452_build	WHU	824.89

79	79	505		4717			81	88	2	561	GRCh38.tsv.gz	7b6	80698
2150 16	2150 16	rs5563 39	6	25870 517	T	C	7.52E-2 9	0.2568 35	0.19679 3	0.0176 565	GCST90200453_build GRCh38.tsv.gz	c1ayP n	124.22 53003
2152 52	2152 52	rs6182 5638	1	24155 0102	T	C	1.41E-8 5	0.2462 49	0.33555	0.0171 159	GCST90200454_build GRCh38.tsv.gz	1p3bD J	384.33 94864
2153 85	2153 85	rs7676 821	4	17004 0496	T	C	3.37E-1 4	0.0923 218	0.19813 2	0.0261 276	GCST90200454_build GRCh38.tsv.gz	1p3bD J	57.505 60934
2155 03	2155 03	rs1292 1667	16	58733 944	A	G	2.10E-1 1	0.0780 737	0.18710 6	0.0279 306	GCST90200454_build GRCh38.tsv.gz	1p3bD J	44.876 07843
2155 75	2155 75	rs6124 830	20	46608 139	C	T	6.61E-2 4	0.1912 58	0.19864 9	0.0197 026	GCST90200455_build GRCh38.tsv.gz	zfuTv Q	101.65 42839
2161 46	2161 46	rs7972 2608	10	94997 876	G	C	4.00E-3 1	0.0651 856	0.34495	0.0297 305	GCST90200456_build GRCh38.tsv.gz	U1EP Kg	134.61 94687
2163 74	2163 74	rs7976 818	12	21116 170	T	C	1.07E-0 8	0.2168 19	-0.1011 22	0.0176 823	GCST90200456_build GRCh38.tsv.gz	U1EP Kg	32.704 97277
2165 13	2165 13	rs5831 0495	12	21204 777	T	C	3.97E-3 3	0.1564 82	0.23981 3	0.0199 997	GCST90200456_build GRCh38.tsv.gz	U1EP Kg	143.78 00008
2166 65	2166 65	rs5823 1493	14	73565 418	T	C	2.47E-1 0	0.4230 48	0.09568 86	0.0151 198	GCST90200456_build GRCh38.tsv.gz	U1EP Kg	40.052 37818
2167 29	2167 29	rs1727 9437	3	45772 602	A	G	4.49E-1 7	0.0977 125	-0.2168 28	0.0258 147	GCST90200458_build GRCh38.tsv.gz	jnXpH X	70.549 9261
2167 43	2167 43	rs2242 090	8	14360 6566	G	C	7.04E-1 8	0.5444 93	0.13285 7	0.0154 229	GCST90200458_build GRCh38.tsv.gz	jnXpH X	74.205 61995
2167 89	2167 89	rs3761 097	19	35800 075	T	C	4.41E-4 1	0.0543 585	0.45683	0.0340 325	GCST90200458_build GRCh38.tsv.gz	jnXpH X	180.18 61999

2167 94	2167 94	rs3848 666	19	35812 762	C	G	1.96E-2 3	0.1720 21	-0.2036 38	0.0204 146	GCST90200458_build GRCh38.tsv.gz	jnXpH X	99.502 93619
2169 40	2169 40	rs1104 5885	12	21233 084	G	A	1.73E-1 8	0.1682 44	0.16991 1	0.0193 668	GCST90200460_build GRCh38.tsv.gz	Vw3a 56	76.971 02262
2169 94	2169 94	rs8041 483	15	50173 024	G	A	1.07E-1 0	0.6322 84	0.10076 8	0.0156 051	GCST90200460_build GRCh38.tsv.gz	Vw3a 56	41.697 70628
2172 17	2172 17	rs8878 29	2	23375 9924	T	C	5.51E-3 1	0.3217 38	-0.1927 64	0.0166 533	GCST90200461_build GRCh38.tsv.gz	g3xC wD	133.98 34782
2172 34	2172 34	rs1489 33681	19	28759 19	A	G	2.36E-0 8	0.0098 4973	0.44229 4	0.0792 143	GCST90200461_build GRCh38.tsv.gz	g3xC wD	31.175 60701
2172 35	2172 35	rs7723 4600	2	40453 503	A	G	4.57E-0 8	0.0326 498	0.23462	0.0429 144	GCST90200462_build GRCh38.tsv.gz	T2ywr D	29.889 86621
2172 39	2172 39	rs4149 056	12	21178 615	C	T	8.46E-1 2	0.1561 13	0.14268 6	0.0208 893	GCST90200462_build GRCh38.tsv.gz	T2ywr D	46.656 80038
2173 08	2173 08	rs6683 437	1	75850 934	A	G	6.06E-0 9	0.2539 88	-0.1023 37	0.0175 987	GCST90200463_build GRCh38.tsv.gz	szi6u3	33.814 59474
2173 71	2173 71	rs3007 670	1	15192 5140	G	T	4.85E-0 8	0.6255 33	-0.0867 986	0.0159 071	GCST90200463_build GRCh38.tsv.gz	szi6u3	29.774 4274
2174 90	2174 90	rs1505 100	16	20470 350	T	A	1.24E-2 8	0.2790 37	-0.1881 48	0.0169 484	GCST90200463_build GRCh38.tsv.gz	szi6u3	123.23 71942
2175 86	2175 86	rs1657 22	22	19961 490	T	C	1.46E-1 4	0.5157 4	-0.1224 44	0.0159 214	GCST90200464_build GRCh38.tsv.gz	9AgGj B	59.144 24749
2181 20	2181 20	rs1017 8409	2	73628 380	T	G	5.80E-1 48	0.2234 2	-0.4448 06	0.0171 704	GCST90200465_build GRCh38.tsv.gz	rl6XY 2	671.08 95073
2191	2191	rs4917	10	94965	C	A	1.33E-7	0.1933	-0.3378	0.0186	GCST90200465_build	rl6XY	329.35

52	52	639		778			3	45	56	166	GRCh38.tsv.gz	2	36926
2194	2194	rs2390	13	99866	A	T	2.11E-1	0.7328	0.11072	0.0174	GCST90200465_build	rl6XY	40.365
52	52	354		146			0	68	6	278	GRCh38.tsv.gz	2	84867
2194	2194	rs1405	19	10253	A	G	7.45E-0	0.0174	0.36362	0.0629	GCST90200467_build	6DDa	33.414
57	57	87970		620			9	123	6	05	GRCh38.tsv.gz	AP	85061
2194	2194	rs7580	2	84456	C	T	2.78E-0	0.3635	0.09254	0.0155	GCST90200470_build	Oi8h9	35.333
62	62	212		70			9	63	97	697	GRCh38.tsv.gz	v	73451
2196	2196	rs1121	2	31492	G	A	1.17E-0	0.0128	-0.4034	0.0663	GCST90200470_build	Oi8h9	37.021
27	27	15240		465			9	615	81	129	GRCh38.tsv.gz	v	1696
2197	2197	rs7279	2	31561	C	T	1.07E-3	0.0176	-0.6782	0.0560	GCST90200470_build	Oi8h9	146.38
26	26	4638		978			3	434	68	603	GRCh38.tsv.gz	v	33969
2197	2197	rs9282	2	31580	T	C	6.90E-4	0.0337	-0.5863	0.0412	GCST90200470_build	Oi8h9	202.20
44	44	858		756			6	079	83	368	GRCh38.tsv.gz	v	54372
2198	2198	rs5583	2	31626	T	C	8.88E-1	0.1024	-0.1842	0.0247	GCST90200470_build	Oi8h9	55.599
08	08	4920		839			4	45	78	137	GRCh38.tsv.gz	v	57084
2213	2213	rs1161	6	31980	G	A	2.10E-4	0.0145	-0.8799	0.0615	GCST90200470_build	Oi8h9	204.57
16	16	96017		027			6	828	52	223	GRCh38.tsv.gz	v	51316
2213	2213	rs1462	6	32049	C	G	2.57E-1	0.0127	-0.4844	0.0662	GCST90200470_build	Oi8h9	53.515
20	20	80229		830			3	369	98	294	GRCh38.tsv.gz	v	8387
2218	2218	rs1124	5	13234	T	G	4.20E-2	0.4764	-0.1393	0.0151	GCST90200471_build	jmLG	84.321
61	61	2109		1354			0	25	13	713	GRCh38.tsv.gz	bz	37825
2220	2220	rs7701	5	15134	A	C	4.25E-1	0.0119	-0.4354	0.0697	GCST90200471_build	jmLG	38.993
29	29	0315		3594			0	873	87	394	GRCh38.tsv.gz	bz	65788
2220	2220	rs1220	6	16012	T	C	9.69E-2	0.0685	-0.3246	0.0297	GCST90200471_build	jmLG	119.15
59	59	8357		2116			8	074	9	45	GRCh38.tsv.gz	bz	43439

2220 73	2220 73	rs3405 9508	6	16015 4805	A	G	4.13E-1 4	0.0252 495	-0.3641 44	0.0481 867	GCST90200471_build GRCh38.tsv.gz	jmLG bz	57.107 34194
2221 13	2221 13	rs1171 617	10	59707 424	T	G	2.35E-2 2	0.7692 65	0.17837 7	0.0183 417	GCST90200471_build GRCh38.tsv.gz	jmLG bz	94.579 83228
2237 17	2237 17	rs1493 97079	19	40796 235	C	A	5.88E-1 1	0.0283 861	-0.2965 14	0.0452 919	GCST90200483_build GRCh38.tsv.gz	VdyG ya	42.859 71981
2237 63	2237 63	rs5611 3850	19	40847 202	C	T	6.57E-1 8	0.5773 82	0.12995 2	0.0150 717	GCST90200483_build GRCh38.tsv.gz	VdyG ya	74.343 23474
2238 38	2238 38	rs1008 5935	8	39948 748	T	C	1.56E-1 1	0.3670 66	-0.0983 638	0.0145 885	GCST90200485_build GRCh38.tsv.gz	DvjN X7	45.462 08156
2238 59	2238 59	rs3184 504	12	11144 6804	C	T	1.68E-1 4	0.5140 92	-0.1079 97	0.0140 752	GCST90200485_build GRCh38.tsv.gz	DvjN X7	58.872 73798
2239 44	2239 44	rs1293 1876	16	87840 576	C	T	8.47E-2 6	0.2292 05	0.17335 5	0.0165 071	GCST90200485_build GRCh38.tsv.gz	DvjN X7	110.28 87413
2240 13	2240 13	rs1341 0335	2	23373 3369	G	T	1.51E-1 2	0.3499 27	-0.1116 96	0.0157 898	GCST90200487_build GRCh38.tsv.gz	y0dDe X	50.040 53948
2242 40	2242 40	rs2417 966	12	21190 295	G	C	1.10E-0 8	0.2494 79	0.09890 76	0.0173 098	GCST90200487_build GRCh38.tsv.gz	y0dDe X	32.649 40173
2242 48	2242 48	rs1104 5856	12	21197 755	G	T	2.45E-2 1	0.2394 15	-0.1640 3	0.0172 96	GCST90200487_build GRCh38.tsv.gz	y0dDe X	89.940 48322
2244 37	2244 37	rs3688 23	5	34854 386	G	A	9.63E-0 9	0.1492 7	0.11995 8	0.0209 091	GCST90200488_build GRCh38.tsv.gz	Ib9ZG Q	32.914 53723
2246 27	2246 27	rs3736 9	5	35037 010	T	C	3.00E-9 2	0.0741 62	-0.5802 68	0.0284 844	GCST90200488_build GRCh38.tsv.gz	Ib9ZG Q	414.99 52165
2246	2246	rs3440	11	65376	A	G	6.12E-1	0.0316	-0.3065	0.0425	GCST90200488_build	Ib9ZG	51.807

52	52	0381		421			3	739	88	951	GRCh38.tsv.gz	Q	30731
2246	2246	rs6222	21	36065	A	G	4.18E-1	0.5912	-0.1050	0.0151	GCST90200488_build	Ib9ZG	48.038
99	99	9260		268			2	26	4	551	GRCh38.tsv.gz	Q	76274
2248	2248	rs7541	1	75734	T	C	3.68E-2	0.3369	0.17561	0.0156	GCST90200490_build	sPN8v	125.64
87	87	058		132			9	58	1	669	GRCh38.tsv.gz	u	27083
2252	2252	rs1421	3	16953	G	T	1.89E-0	0.2777	0.09192	0.0163	GCST90200491_build	LMK	31.602
26	26	008		7821			8	91	74	525	GRCh38.tsv.gz	Qw2	51444
2252	2252	rs1173	18	36191	A	G	2.76E-0	0.0463	-0.1943	0.0349	GCST90200491_build	LMK	30.867
31	31	44546		480			8	779	15	749	GRCh38.tsv.gz	Qw2	37449
2252	2252	rs6211	19	13768	A	G	1.77E-3	0.0275	0.57041	0.0452	GCST90200492_build	xOax	159.10
95	95	1897		530			6	474	5	213	GRCh38.tsv.gz	Bm	9382
2253	2253	rs1531	4	68666	A	G	2.19E-0	0.4694	-0.0876	0.0156	GCST90200494_build	ENWl	31.318
14	14	022		410			8	44	222	571	GRCh38.tsv.gz	rN	8391
2254	2254	rs1512	16	28551	G	A	2.55E-3	0.5383	0.21788	0.0166	GCST90200496_build	KJM3	172.11
30	30	28		705			9	66	1	076	GRCh38.tsv.gz	Xz	74755
2256	2256	rs1960	4	68671	C	A	8.38E-1	0.4882	0.10900	0.0177	GCST90200499_build	Nn8W	37.669
99	99	773		436			0	72	1	598	GRCh38.tsv.gz	ye	06349
2257	2257	rs1387	16	13069	A	G	4.56E-0	0.0055	0.67575	0.1235	GCST90200501_build	yFV9	29.894
08	08	05096		01			8	6812	6	94	GRCh38.tsv.gz	Po	06985
2257	2257	rs8033	6	47374	C	G	2.14E-0	0.0322	-0.2452	0.0437	GCST90200502_build	uixqX	31.367
09	09	9217		896			8	841	14	83	GRCh38.tsv.gz	b	47001
2257	2257	rs1118	16	28551	T	C	1.11E-1	0.0171	0.46065	0.0596	GCST90200502_build	uixqX	59.698
84	84	75922		158			4	789	1	199	GRCh38.tsv.gz	b	24308
2258	2258	rs1442	16	28579	T	C	9.33E-1	0.0139	0.52022	0.0671	GCST90200502_build	uixqX	60.031
33	33	45963		926			5	77		425	GRCh38.tsv.gz	b	48323

2258 47	2258 47	rs1179 85404	16	28588 700	A	G	3.04E-1 0	0.0211 353	0.34234 2	0.0543 705	GCST90200502_build GRCh38.tsv.gz	uixqX b	39.645 48301
2258 97	2258 97	rs1292 3643	16	28955 514	A	G	1.37E-1 3	0.0358 964	0.31018 2	0.0419 184	GCST90200502_build GRCh38.tsv.gz	uixqX b	54.755 00069
2259 01	2259 01	rs1169 38011	16	28999 791	T	C	1.34E-1 7	0.0090 9826	-0.7059 07	0.0826 559	GCST90200502_build GRCh38.tsv.gz	uixqX b	72.936 89297
2259 73	2259 73	rs1656 56	22	19961 340	C	G	3.63E-5 1	0.5270 42	0.23601 9	0.0156 859	GCST90200502_build GRCh38.tsv.gz	uixqX b	226.39 92834
2263 57	2263 57	rs2762 353	6	25794 203	G	A	7.91E-6 7	0.5611 06	0.26331 4	0.0152 468	GCST90200507_build GRCh38.tsv.gz	J4jZ8 D	298.25 68962
2264 98	2264 98	rs3799 367	6	25877 274	C	A	1.08E-0 9	0.3424 43	0.09843 5	0.0161 428	GCST90200507_build GRCh38.tsv.gz	J4jZ8 D	37.182 73736
2270 29	2270 29	rs1132 25663	10	94814 942	T	C	8.27E-1 1	0.0630 133	0.21618 2	0.0332 81	GCST90200509_build GRCh38.tsv.gz	Qeb2l B	42.193 57523
2274 59	2274 59	rs2160 387	2	64993 776	C	T	6.86E-4 2	0.4284 3	-0.2001 24	0.0147 578	GCST90200512_build GRCh38.tsv.gz	GIQJ mm	183.88 8728
2275 34	2275 34	rs3802 967	11	18322 517	C	T	6.40E-1 6	0.5375 78	-0.1182 74	0.0146 354	GCST90200512_build GRCh38.tsv.gz	GIQJ mm	65.308 44997
2276 46	2276 46	rs2062 541	16	16033 378	A	G	1.08E-1 5	0.6104 33	-0.1241 62	0.0154 856	GCST90200512_build GRCh38.tsv.gz	GIQJ mm	64.286 72845
2277 73	2277 73	rs8050 744	16	58758 580	G	A	5.65E-3 6	0.0794 219	0.34027 6	0.0271 741	GCST90200512_build GRCh38.tsv.gz	GIQJ mm	156.80 22533
2279 60	2279 60	rs3753 143	22	37027 101	C	T	1.61E-2 4	0.0535 405	-0.3337 25	0.0326 543	GCST90200512_build GRCh38.tsv.gz	GIQJ mm	104.44 71819
2279	2279	rs1468	10	99887	A	G	2.20E-0	0.0585	-0.1932	0.0345	GCST90200514_build	k6lqG	31.311

68	68	60861		356			8	561	11	287	GRCh38.tsv.gz	B	45445
2279 92	2279 92	rs1104 5856	12	21197 755	G	T	6.19E-1 0	0.2414 99	-0.1151 94	0.0186 231	GCST90200514_build GRCh38.tsv.gz	k6lqG B	38.260 95161
2281 07	2281 07	rs1165 154	6	25816 988	C	T	4.94E-1 8	0.5596 74	0.13870 6	0.0160 267	GCST90200516_build GRCh38.tsv.gz	cAy6x W	74.903 52915
2282 28	2282 28	rs1477 12721	16	29771 895	C	G	2.55E-0 8	0.0218 719	-0.2706 66	0.0485 936	GCST90200517_build GRCh38.tsv.gz	fbEro A	31.024 8193
2282 32	2282 32	rs8080 108	17	49436 349	C	T	1.60E-0 8	0.3108 97	0.08754 08	0.0154 921	GCST90200517_build GRCh38.tsv.gz	fbEro A	31.930 11178
2283 06	2283 06	rs1408 273	6	25840 718	G	A	1.33E-1 1	0.5531 67	0.13449 8	0.0198 794	GCST90200518_build GRCh38.tsv.gz	94Vw 0D	45.774 65798
2283 24	2283 24	rs1260 326	2	27508 073	C	T	2.95E-0 8	0.5870 68	0.08755 35	0.0157 917	GCST90200523_build GRCh38.tsv.gz	Vlfe9I	30.738 96595
2283 34	2283 34	rs1531 022	4	68666 410	A	G	5.62E-2 0	0.4695 33	-0.1420 83	0.0155 258	GCST90200523_build GRCh38.tsv.gz	Vlfe9I	83.748 35052
2286 25	2286 25	rs4129 7371	4	69491 511	C	T	5.23E-2 2	0.2472 88	-0.1728 57	0.0179 244	GCST90200523_build GRCh38.tsv.gz	Vlfe9I	93.000 37263
2287 22	2287 22	rs7780 066	7	13811 7169	A	G	1.33E-3 5	0.7930 51	0.23598 1	0.0189 482	GCST90200523_build GRCh38.tsv.gz	Vlfe9I	155.10 22701
2288 02	2288 02	rs1134 97640	11	63156 266	G	A	1.45E-1 5	0.0572 752	0.26428 2	0.0331 127	GCST90200523_build GRCh38.tsv.gz	Vlfe9I	63.700 96047
2289 71	2289 71	rs4804 669	19	12391 643	G	A	1.91E-1 3	0.7776 64	-0.1414 62	0.0192 343	GCST90200523_build GRCh38.tsv.gz	Vlfe9I	54.091 22497
2294 03	2294 03	rs1183 200	6	25818 418	C	G	2.61E-9 1	0.5551 92	0.30022 2	0.0148 146	GCST90200527_build GRCh38.tsv.gz	O4IZ U2	410.68 15267

2295 19	2295 19	rs3799 367	6	25877 274	C	A	3.47E-0 9	0.3424 03	0.09370 77	0.0158 627	GCST90200527_build GRCh38.tsv.gz	O4IZ U2	34.897 66227
2298 97	2298 97	rs1212 7631	1	24260 1618	T	C	2.22E-0 8	0.1080 61	-0.1404 43	0.0251 053	GCST90200529_build GRCh38.tsv.gz	cd45 Ml	31.294 59712
2299 75	2299 75	rs7844 508	8	70690 760	T	G	1.96E-1 4	0.5967 95	0.12210 5	0.0159 553	GCST90200529_build GRCh38.tsv.gz	cd45 Ml	58.567 53517
2308 02	2308 02	rs2417 966	12	21190 295	G	C	3.31E-1 8	0.2515 16	0.15373 5	0.0176 698	GCST90200532_build GRCh38.tsv.gz	778W Ok	75.697 62201
2308 10	2308 10	rs1104 5856	12	21197 755	G	T	5.50E-4 1	0.2350 75	-0.2378 64	0.0177 417	GCST90200532_build GRCh38.tsv.gz	778W Ok	179.74 92028
2313 43	2313 43	rs5582 6256	14	73612 505	C	G	3.04E-7 2	0.1956 47	-0.3498 41	0.0194 623	GCST90200532_build GRCh38.tsv.gz	778W Ok	323.11 1999
2314 12	2314 12	rs1648 348	15	50182 569	C	A	3.86E-1 8	0.6751 35	0.14360 8	0.0165 391	GCST90200532_build GRCh38.tsv.gz	778W Ok	75.393 43344
2315 31	2315 31	rs4148 415	17	50675 239	T	C	2.06E-1 1	0.3542 26	-0.1077 68	0.0160 813	GCST90200532_build GRCh38.tsv.gz	778W Ok	44.909 40886
2316 88	2316 88	rs1165 151	6	25821 388	G	T	3.79E-3 4	0.5391 4	0.18291 8	0.0150 132	GCST90200533_build GRCh38.tsv.gz	LpuA L5	148.44 52646
2319 71	2319 71	rs1047 891	2	21067 5783	A	C	7.93E-2 9	0.3168 84	0.19369 5	0.0173 86	GCST90200535_build GRCh38.tsv.gz	svDFl 8	124.11 87718
2320 64	2320 64	rs1902 023	4	68670 366	C	A	1.60E-1 2	0.4536 12	-0.1263 52	0.0178 837	GCST90200536_build GRCh38.tsv.gz	MS8N Hh	49.917 11643
2323 68	2323 68	rs2762 353	6	25794 203	G	A	1.37E-5 9	0.5447 39	-0.2583 19	0.0158 671	GCST90200537_build GRCh38.tsv.gz	bjJUfp	265.04 376
2330	2330	rs7779	10	95060	A	G	3.02E-2	0.2927	0.17422	0.0175	GCST90200537_build	bjJUfp	98.643

56	56	4699		813			3	37	9	423	GRCh38.tsv.gz		3517
2331 52	2331 52	rs1281 4270	12	20944 395	G	A	1.24E-0 8	0.2261 67	0.10937 5	0.0192 102	GCST90200537_build GRCh38.tsv.gz	bjJUfp	32.416 96554
2331 75	2331 75	rs1156 8591	17	50683 692	A	G	6.67E-1 0	0.0687 58	-0.1957 02	0.0316 994	GCST90200537_build GRCh38.tsv.gz	bjJUfp	38.114 34352
2331 76	2331 76	rs7343 7925	18	58814 558	G	A	2.36E-0 8	0.0222 853	0.30292 5	0.0542 577	GCST90200537_build GRCh38.tsv.gz	bjJUfp	31.170 76588
2331 98	2331 98	rs1745 64	11	61820 833	G	A	1.42E-0 9	0.3425 97	-0.1009 91	0.0166 826	GCST90200538_build GRCh38.tsv.gz	izt69x	36.646 95302
2334 07	2334 07	rs1126 742	1	46932 824	G	A	1.10E-3 9	0.1302 63	0.29417 5	0.0223 147	GCST90200539_build GRCh38.tsv.gz	1wEB 8d	173.79 18552
2337 98	2337 98	rs1258 5350	13	10445 0109	T	C	2.70E-0 8	0.0771 616	-0.1575	0.0283 276	GCST90200539_build GRCh38.tsv.gz	1wEB 8d	30.913 02845
2338 07	2338 07	rs5412 73	12	26523 6	T	C	3.16E-0 8	0.8340 2	0.11174 7	0.0201 98	GCST90200540_build GRCh38.tsv.gz	uw5lA S	30.609 4136
2350 73	2350 73	rs1387 94973	7	62684 713	A	G	2.75E-0 8	0.0001 27194	3.96969	0.7143 93	GCST90200541_build GRCh38.tsv.gz	6A0U vq	30.877 26362
2352 99	2352 99	rs8031 9011	10	17133 166	A	G	1.18E-0 8	0.0009 3029	1.48868	0.2610 43	GCST90200541_build GRCh38.tsv.gz	6A0U vq	32.522 10172
2354 20	2354 20	rs1806 89878	11	76416 816	T	C	6.56E-0 9	0.0003 1002	2.62138	0.4518 27	GCST90200541_build GRCh38.tsv.gz	6A0U vq	33.660 11566
2356 48	2356 48	rs1400 47638	13	71979 335	C	T	6.37E-1 1	0.0134 304	0.45492 2	0.0696 161	GCST90200541_build GRCh38.tsv.gz	6A0U vq	42.702 61786
2357 43	2357 43	rs7630 9627	14	40795 292	C	A	2.73E-1 1	0.0001 24085	4.75424	0.7137 96	GCST90200541_build GRCh38.tsv.gz	6A0U vq	44.362 29276

2359 27	2359 27	rs1404 67425	15	79411 128	T	C	1.63E-0 8	0.0003 72024	2.32985	0.4125 3	GCST90200541_build GRCh38.tsv.gz	6A0U vq	31.896 63355
2361 42	2361 42	rs7838 2947	17	59872 694	G	A	3.36E-0 8	0.0006 82213	1.68297	0.3047 95	GCST90200541_build GRCh38.tsv.gz	6A0U vq	30.488 5712
2362 89	2362 89	rs1124 96134	19	42960 949	T	G	4.01E-0 9	0.0004 34405	2.24702	0.3818 88	GCST90200541_build GRCh38.tsv.gz	6A0U vq	34.621 17891
2364 06	2364 06	rs6182 5638	1	24155 0102	T	C	1.08E-3 8	0.2460 03	0.20984 8	0.0161 307	GCST90200543_build GRCh38.tsv.gz	S5VC sT	169.24 00872
2364 79	2364 79	rs3529 25	2	14302 0781	T	C	2.34E-1 9	0.2763 99	0.14137 9	0.0157 156	GCST90200543_build GRCh38.tsv.gz	S5VC sT	80.929 69024
2365 80	2365 80	rs5611 3850	19	40847 202	C	T	2.71E-0 8	0.5764 15	0.07794 98	0.0140 217	GCST90200543_build GRCh38.tsv.gz	S5VC sT	30.904 99435
2365 81	2365 81	rs5399 77812	6	36085 337	A	G	3.45E-0 8	0.0041 3767	0.82036 5	0.1487 02	GCST90200544_build GRCh38.tsv.gz	qxTcI 3	30.435 51307
2365 82	2365 82	rs5609 04294	6	15545 174	T	A	3.32E-0 8	0.0027 0472	1.0142	0.1836 18	GCST90200546_build GRCh38.tsv.gz	w29y BW	30.508 20859
2366 08	2366 08	rs1017 8909	2	21603 5805	G	C	2.25E-7 9	0.1002 87	0.47930 6	0.0254 084	GCST90200547_build GRCh38.tsv.gz	pfl5e m	355.85 33802
2367 22	2367 22	rs5605 0317	5	11946 9552	G	A	4.77E-1 2	0.0732 438	-0.2057 6	0.0297 67	GCST90200547_build GRCh38.tsv.gz	pfl5e m	47.780 61854
2371 83	2371 83	rs1125 77588	10	94897 643	T	A	2.60E-5 5	0.0624 268	0.49989 7	0.0319 103	GCST90200547_build GRCh38.tsv.gz	pfl5e m	245.41 39732
2376 33	2376 33	rs4149 056	12	21178 615	C	T	8.19E-2 7	0.1542 82	0.22826 9	0.0212 934	GCST90200547_build GRCh38.tsv.gz	pfl5e m	114.92 21779
2378	2378	rs7273	14	73559	A	G	3.82E-2	0.2258	0.19715	0.0186	GCST90200547_build	pfl5e	111.86

52	52	8356		459			6	9	1	402	GRCh38.tsv.gz	m	56712
2379 08	2379 08	rs6175 7683	1	18872 954	T	G	1.89E-2 3	0.0205 616	0.54326 3	0.0544 417	GCST90200548_build GRCh38.tsv.gz	ghosC 0	99.576 50957
2379 53	2379 53	rs7272 60	6	31521 71	A	G	3.66E-1 7	0.0477 189	-0.3008 21	0.0357 134	GCST90200548_build GRCh38.tsv.gz	ghosC 0	70.950 24594
2379 74	2379 74	rs9922 704	16	20549 055	C	T	1.02E-1 1	0.0233 103	-0.3458 9	0.0508 366	GCST90200548_build GRCh38.tsv.gz	ghosC 0	46.293 82004
2379 97	2379 97	rs1047 891	2	21067 5783	A	C	1.04E-3 3	0.3216 46	0.23291	0.0192 47	GCST90200549_build GRCh38.tsv.gz	Yukzg x	146.43 67825
2381 20	2381 20	rs2469 541	15	76269 777	T	C	1.32E-0 8	0.3794 33	0.10498 5	0.0184 726	GCST90200549_build GRCh38.tsv.gz	Yukzg x	32.299 69732
2381 28	2381 28	rs6247 1929	7	99676 693	G	A	1.92E-1 2	0.0528 816	0.23952 7	0.0340 223	GCST90200550_build GRCh38.tsv.gz	fPNL Es	49.565 74186
2381 74	2381 74	rs9642 091	7	13811 4542	C	T	7.80E-2 2	0.7895 94	0.17925 8	0.0186 677	GCST90200550_build GRCh38.tsv.gz	fPNL Es	92.209 45761
2383 62	2383 62	rs7928 134	11	43764 763	G	A	1.89E-5 6	0.6973 65	0.25534 9	0.0161 294	GCST90200550_build GRCh38.tsv.gz	fPNL Es	250.62 93329
2385 26	2385 26	rs2910 993	19	12393 701	C	T	3.30E-1 1	0.7657 93	-0.1259 77	0.0189 94	GCST90200550_build GRCh38.tsv.gz	fPNL Es	43.989 56389
2385 30	2385 30	rs2582 788	1	11977 7874	G	T	3.10E-1 1	0.7061 2	-0.1134 8	0.0170 855	GCST90200551_build GRCh38.tsv.gz	Zgz15 v	44.114 69376
2385 61	2385 61	rs1083 8163	11	43775 878	G	A	6.31E-1 1	0.6924 32	-0.1069 79	0.0163 67	GCST90200551_build GRCh38.tsv.gz	Zgz15 v	42.722 72081
2388 55	2388 55	rs1445 99632	10	94847 919	G	C	5.34E-1 0	0.0624 22	0.19958 7	0.0321 462	GCST90200553_build GRCh38.tsv.gz	fcI7X q	38.548 29873

2390 61	2390 61	rs4762 697	12	21162 039	T	A	7.62E-0 9	0.7131 9	0.09993 28	0.0172 993	GCST90200553_build GRCh38.tsv.gz	fcI7X q	33.370 2186
2390 93	2390 93	rs4149 056	12	21178 615	C	T	1.09E-4 9	0.1564 6	0.31055 1	0.0209 553	GCST90200553_build GRCh38.tsv.gz	fcI7X q	219.62 31412
2395 64	2395 64	rs7273 8356	14	73559 459	A	G	4.15E-2 3	0.2257 38	0.18402	0.0185 874	GCST90200553_build GRCh38.tsv.gz	fcI7X q	98.015 04929
2396 20	2396 20	rs1491 598	3	70589 414	G	A	3.04E-0 8	0.2254 19	0.11154 1	0.0201 37	GCST90200555_build GRCh38.tsv.gz	Fdpiqa	30.681 70765
2398 50	2398 50	rs1165 191	6	25847 619	T	A	2.72E-3 1	0.2611 63	0.22200 6	0.0190 798	GCST90200555_build GRCh38.tsv.gz	Fdpiqa	135.38 85035
2405 67	2405 67	rs1177 46390	16	13193 925	T	A	4.35E-0 8	0.0100 35	0.51057 4	0.0932 357	GCST90200556_build GRCh38.tsv.gz	Xw9G 9A	29.988 37405
2406 04	2406 04	rs1165 150	6	25841 804	T	C	1.13E-0 8	0.5345 13	-0.0929 709	0.0162 843	GCST90200557_build GRCh38.tsv.gz	KS2fv r	32.595 36743
2406 18	2406 18	rs4284 207	1	46918 357	C	T	2.00E-0 8	0.7978 24	0.11413 6	0.0203 386	GCST90200558_build GRCh38.tsv.gz	evmE 7K	31.492 21344
2406 57	2406 57	rs2841 5528	1	15190 7285	A	G	6.29E-1 2	0.3129 41	-0.1201 24	0.0174 777	GCST90200558_build GRCh38.tsv.gz	evmE 7K	47.237 94646
2407 66	2407 66	rs7598 5732	3	32573 927	G	C	2.76E-0 8	0.0419 713	0.22408 8	0.0403 305	GCST90200558_build GRCh38.tsv.gz	evmE 7K	30.872 37128
2407 70	2407 70	rs3612 4964	4	68488 644	C	T	1.98E-0 8	0.6401 57	-0.0913 249	0.0162 689	GCST90200562_build GRCh38.tsv.gz	Vf542 R	31.510 9888
2408 05	2408 05	rs1267 0403	7	17269 655	A	C	1.04E-0 9	0.4951 3	-0.0925 506	0.0151 659	GCST90200562_build GRCh38.tsv.gz	Vf542 R	37.241 06577
2408	2408	rs2472	15	74735	T	C	4.21E-0	0.2504	-0.1021	0.0173	GCST90200562_build	Vf542	34.524

06	06	297		539			9	26	91	92	GRCh38.tsv.gz	R	40833
2408 23	2408 23	rs5611 3850	19	40847 202	C	T	1.53E-1 9	0.5760 68	-0.1368 46	0.0151 338	GCST90200562_build GRCh38.tsv.gz	Vf542 R	81.765 14938
2408 37	2408 37	rs1960 773	4	68671 436	C	A	7.88E-0 9	0.4833 12	-0.0909 166	0.0157 542	GCST90200564_build GRCh38.tsv.gz	yOnF0 Y	33.303 79028
2409 58	2409 58	rs2188 761	16	20498 374	C	T	3.21E-1 4	0.8070 61	0.15138 3	0.0199 461	GCST90200564_build GRCh38.tsv.gz	yOnF0 Y	57.602 08861
2413 27	2413 27	rs1445 99632	10	94847 919	G	C	8.30E-2 9	0.0619 577	0.35947 2	0.0322 776	GCST90200565_build GRCh38.tsv.gz	t7jNU J	124.03 02632
2416 52	2416 52	rs1165 195	6	25814 852	G	T	8.76E-1 8	0.5546 67	-0.1267 1	0.0147 522	GCST90200566_build GRCh38.tsv.gz	Gy8sn Y	73.774 8268
2417 66	2417 66	rs2841 5528	1	15190 7285	A	G	9.85E-4 3	0.3178 06	-0.2202 57	0.0160 746	GCST90200567_build GRCh38.tsv.gz	f8ddm k	187.74 963
2419 77	2419 77	rs7866 466	9	79094 587	A	G	1.20E-0 8	0.2863 88	-0.1034 89	0.0181 572	GCST90200568_build GRCh38.tsv.gz	RkFk BI	32.485 58009
2419 78	2419 78	rs7463 7339	3	15586 533	A	T	1.62E-1 6	0.0522 804	0.28363 3	0.0343 911	GCST90200569_build GRCh38.tsv.gz	Vn76 AE	68.017 61243
2420 66	2420 66	rs1208 7626	1	75682 788	A	C	1.46E-2 6	0.3039 57	-0.1767 97	0.0165 747	GCST90200570_build GRCh38.tsv.gz	lllAcV	113.77 80352
2425 50	2425 50	rs2841 5528	1	15190 7285	A	G	2.33E-1 39	0.3171 04	-0.4035 72	0.0160 593	GCST90200570_build GRCh38.tsv.gz	lllAcV	631.52 25052
2429 10	2429 10	rs7500 220	16	20489 224	G	A	2.49E-1 0	0.8036 46	0.12297 9	0.0194 361	GCST90200570_build GRCh38.tsv.gz	lllAcV	40.035 35325
2430 34	2430 34	rs4149 083	12	21227 696	T	A	8.31E-2 3	0.1663 82	0.19839 7	0.0201 815	GCST90200571_build GRCh38.tsv.gz	wTKR pN	96.641 42323

2430 97	2430 97	rs5611 3850	19	40847 202	C	T	8.22E-1 1	0.6062 72	0.13170 1	0.0202 728	GCST90200573_build GRCh38.tsv.gz	u2vN7 v	42.203 7142
2431 01	2431 01	rs1465 93209	4	58203 92	T	C	4.32E-0 9	0.0070 2591	-0.5602 4	0.0954 204	GCST90200574_build GRCh38.tsv.gz	Jju7Y Q	34.471 94285
2435 42	2435 42	rs5580 3452	4	15691 085	C	A	6.86E-1 34	0.1179 93	-0.6073	0.0246 622	GCST90200575_build GRCh38.tsv.gz	0g1ok x	606.37 72952
2436 56	2436 56	rs2342 307	3	19621 5616	G	A	9.21E-1 1	0.6112 96	-0.1165 69	0.0179 906	GCST90200576_build GRCh38.tsv.gz	NAHh Lw	41.983 13316
2439 26	2439 26	rs1185 977	6	25828 826	G	A	1.49E-1 9	0.2747 81	-0.1754 85	0.0194	GCST90200576_build GRCh38.tsv.gz	NAHh Lw	81.823 21507
2443 22	2443 22	rs5563 39	6	25870 517	T	C	3.16E-1 8	0.2868 82	0.19384 7	0.0222 674	GCST90200577_build GRCh38.tsv.gz	EK92 DK	75.784 28318
2456 22	2456 22	rs1157 6656	1	46953 896	A	T	1.15E-2 1	0.1061 26	0.23951 4	0.0250 478	GCST90200578_build GRCh38.tsv.gz	NrEie d	91.437 14002
2456 98	2456 98	rs2582 788	1	11977 7874	G	T	4.49E-2 1	0.7055 46	-0.1635 21	0.0173 579	GCST90200578_build GRCh38.tsv.gz	NrEie d	88.746 80046
2460 64	2460 64	rs1104 5806	12	21161 802	A	G	7.53E-1 5	0.1864 4	-0.1529 13	0.0196 665	GCST90200578_build GRCh38.tsv.gz	NrEie d	60.455 33955
2460 98	2460 98	rs4149 056	12	21178 615	C	T	1.66E-4 7	0.1561 77	0.30299 2	0.0209 274	GCST90200578_build GRCh38.tsv.gz	NrEie d	209.61 95445
2463 61	2463 61	rs2873 6286	16	20590 965	G	A	2.49E-0 9	0.2868 54	0.10234 8	0.0171 668	GCST90200578_build GRCh38.tsv.gz	NrEie d	35.545 12337
2464 15	2464 15	rs1355 36	22	46172 421	C	G	6.85E-1 0	0.2375 1	-0.1158 42	0.0187 763	GCST90200578_build GRCh38.tsv.gz	NrEie d	38.063 79298
2464	2464	rs1212	1	21187	T	G	2.84E-0	0.0703	-0.1820	0.0328	GCST90200579_build	q6lvJg	30.812

16	16	0553		3677			8	737	86	031	GRCh38.tsv.gz		2445
2464 43	2464 43	rs2121 00	19	47873 738	C	T	3.87E-1 0	0.8375 74	-0.1422 87	0.0227 324	GCST90200579_build GRCh38.tsv.gz	q6lvJg	39.177 78394
2466 52	2466 52	rs4148 324	2	23376 4076	G	T	4.94E-2 8	0.3244 46	0.16863 9	0.0153 632	GCST90200580_build GRCh38.tsv.gz	jlaavF	120.49 04615
2466 95	2466 95	rs1104 5885	12	21233 084	G	A	1.09E-1 1	0.1679 8	0.13060 8	0.0192 245	GCST90200580_build GRCh38.tsv.gz	jlaavF	46.156 13679
2468 24	2468 24	rs2011 425	2	23371 8962	G	T	7.50E-3 9	0.0808 657	0.36219 9	0.0277 817	GCST90200581_build GRCh38.tsv.gz	WfPO R9	169.97 17944
2470 60	2470 60	rs7283 8138	10	99848 144	A	G	4.58E-7 5	0.0567 814	-0.5969 77	0.0325 645	GCST90200581_build GRCh38.tsv.gz	WfPO R9	336.06 73873
2472 82	2472 82	rs1890 17081	10	10012 6891	C	T	9.94E-1 2	0.0171 443	0.40759 4	0.0598 755	GCST90200581_build GRCh38.tsv.gz	WfPO R9	46.340 13114
2477 82	2477 82	rs3858 671	12	20895 092	T	C	6.01E-4 9	0.6737 87	0.23901 1	0.0162 54	GCST90200581_build GRCh38.tsv.gz	WfPO R9	216.22 96608
2479 34	2479 34	rs1405 93369	12	21152 412	A	T	1.12E-0 8	0.0131 148	0.38741 6	0.0678 283	GCST90200581_build GRCh38.tsv.gz	WfPO R9	32.623 70196
2479 53	2479 53	rs2072 365	17	50675 505	T	C	2.51E-1 0	0.3466 88	-0.1029 81	0.0162 78	GCST90200581_build GRCh38.tsv.gz	WfPO R9	40.023 22876
2480 82	2480 82	rs2121 00	19	47873 738	C	T	2.06E-3 7	0.8395 82	0.26832 9	0.0209 923	GCST90200581_build GRCh38.tsv.gz	WfPO R9	163.38 61261
2481 41	2481 41	rs5756 27886	1	56936 112	G	A	2.54E-0 8	0.0011 6113	1.52694	0.2740 95	GCST90200583_build GRCh38.tsv.gz	HPek1 A	31.034 28311
2481 43	2481 43	rs1214 5550	1	75638 072	C	T	1.86E-0 9	0.2116 18	-0.1118 09	0.0186 058	GCST90200584_build GRCh38.tsv.gz	YNDu iG	36.112 43972

2481 52	2481 52	rs1163 541	1	11979 8295	A	G	5.86E-1 0	0.7030 1	-0.1043 94	0.0168 534	GCST90200584_build GRCh38.tsv.gz	YNDu iG	38.368 60593
2482 81	2482 81	rs1157 6656	1	46953 896	A	T	5.14E-1 4	0.1056 91	0.18568 9	0.0246 655	GCST90200585_build GRCh38.tsv.gz	bvaYL h	56.675 12774
2482 84	2482 84	rs2582 788	1	11977 7874	G	T	1.18E-1 0	0.7058 97	-0.1099 91	0.0170 755	GCST90200585_build GRCh38.tsv.gz	bvaYL h	41.492 29359
2484 39	2484 39	rs1165 189	6	25849 551	C	A	5.34E-1 7	0.2490 85	0.14733 4	0.0175 837	GCST90200585_build GRCh38.tsv.gz	bvaYL h	70.207 81036
2486 85	2486 85	rs7283 8129	10	99844 724	C	T	4.02E-7 0	0.0572 486	-0.5800 97	0.0327 696	GCST90200586_build GRCh38.tsv.gz	fQAC LY	313.37 11119
2488 76	2488 76	rs1890 17081	10	10012 6891	C	T	1.24E-1 4	0.0169 982	0.46459 7	0.0602 426	GCST90200586_build GRCh38.tsv.gz	fQAC LY	59.476 49781
2492 92	2492 92	rs4762 697	12	21162 039	T	A	5.06E-2 3	0.7160 39	0.16997 2	0.0172 03	GCST90200586_build GRCh38.tsv.gz	fQAC LY	97.621 70547
2494 31	2494 31	rs2900 478	12	21215 863	A	T	4.60E-6 8	0.1686 75	0.35143 2	0.0201 586	GCST90200586_build GRCh38.tsv.gz	fQAC LY	303.92 18145
2498 49	2498 49	rs2121 00	19	47873 738	C	T	1.13E-5 5	0.8412 23	0.33161 2	0.0210 966	GCST90200586_build GRCh38.tsv.gz	fQAC LY	247.07 88315
2499 22	2499 22	rs7518 7800	4	68670 996	A	G	8.44E-1 0	0.3073 3	-0.1103 45	0.0179 819	GCST90200587_build GRCh38.tsv.gz	zQRIs F	37.655 99795
2499 24	2499 24	rs4410 790	7	17244 953	C	T	3.25E-0 8	0.6231 68	-0.0934 541	0.0169 071	GCST90200587_build GRCh38.tsv.gz	zQRIs F	30.553 32474
2499 30	2499 30	rs5611 3850	19	40847 202	C	T	6.39E-0 9	0.5738 64	-0.0956 838	0.0164 799	GCST90200587_build GRCh38.tsv.gz	zQRIs F	33.710 69335
2499	2499	rs1133	16	20483	T	C	1.54E-0	0.0889	-0.1563	0.0276	GCST90200589_build	9fiY1	31.998

34	34	607		086			8	048	38	376	GRCh38.tsv.gz	W	41375
2499 91	2499 91	rs1165 181	6	25825 162	A	T	1.02E-1 2	0.2902 13	-0.1236 81	0.0173 529	GCST90200590_build GRCh38.tsv.gz	GBt1h 5	50.799 78192
2500 21	2500 21	rs1489 82377	7	99477 415	C	T	1.92E-1 0	0.0343 974	0.27353 5	0.0429 576	GCST90200590_build GRCh38.tsv.gz	GBt1h 5	40.545 79205
2500 74	2500 74	rs5572 5645	10	99872 116	C	T	1.76E-1 0	0.0580 003	-0.2140 66	0.0335 484	GCST90200590_build GRCh38.tsv.gz	GBt1h 5	40.714 74911
2501 71	2501 71	rs5831 0495	12	21204 777	T	C	2.78E-2 7	0.1589 93	0.22934 3	0.0211 97	GCST90200590_build GRCh38.tsv.gz	GBt1h 5	117.06 36817
2503 07	2503 07	rs1104 5962	12	21308 602	T	A	1.71E-0 8	0.1440 78	-0.1251 87	0.0222 011	GCST90200590_build GRCh38.tsv.gz	GBt1h 5	31.795 77961
2504 49	2504 49	rs2121 00	19	47873 738	C	T	2.10E-6 1	0.8436 97	0.35396 6	0.0214 089	GCST90200590_build GRCh38.tsv.gz	GBt1h 5	273.35 9637
2505 21	2505 21	rs1379 09323	7	96782 950	A	G	4.10E-0 8	0.0969 849	0.14246 7	0.0259 678	GCST90200591_build GRCh38.tsv.gz	H7N6 Sv	30.099 42805
2505 78	2505 78	rs1209 5130	1	46880 254	A	T	2.61E-1 0	0.1245 75	0.14832 5	0.0234 679	GCST90200592_build GRCh38.tsv.gz	BwJM ts	39.946 64004
2508 91	2508 91	rs1212 3977	1	75744 069	A	G	2.99E-7 0	0.3058 88	-0.2900 29	0.0163 683	GCST90200592_build GRCh38.tsv.gz	BwJM ts	313.96 09958
2512 78	2512 78	rs2841 5528	1	15190 7285	A	G	2.11E-5 5	0.3154 19	-0.2586 68	0.0164 979	GCST90200592_build GRCh38.tsv.gz	BwJM ts	245.82 61484
2515 94	2515 94	rs2041 073	14	73505 831	C	T	1.33E-3 7	0.4633 3	-0.1986 64	0.0155 01	GCST90200592_build GRCh38.tsv.gz	BwJM ts	164.25 5121
2519 99	2519 99	rs1445 99632	10	94847 919	G	C	6.21E-1 4	0.0648 235	0.24916 1	0.0332 055	GCST90200593_build GRCh38.tsv.gz	5W9re W	56.304 10796

2522 23	2522 23	rs1047 891	2	21067 5783	A	C	8.97E-2 3	0.3089 35	0.16441 6	0.0167 38	GCST90200594_build GRCh38.tsv.gz	N5qM B5	96.489 71629
2524 21	2524 21	rs5567 2373	10	99835 096	T	C	2.93E-5 1	0.0589 493	-0.4893 17	0.0324 894	GCST90200594_build GRCh38.tsv.gz	N5qM B5	226.82 82942
2525 94	2525 94	rs1890 17081	10	10012 6891	C	T	3.66E-0 9	0.0168 588	0.35703 4	0.0605 277	GCST90200594_build GRCh38.tsv.gz	N5qM B5	34.794 51668
2526 01	2526 01	rs1089 7407	11	63369 912	G	A	7.78E-0 9	0.6314 79	-0.0923 181	0.0159 912	GCST90200594_build GRCh38.tsv.gz	N5qM B5	33.328 18056
2534 24	2534 24	rs7976 818	12	21116 170	T	C	7.09E-2 0	0.2164 6	-0.1693 66	0.0185 582	GCST90200594_build GRCh38.tsv.gz	N5qM B5	83.287 67904
2536 20	2536 20	rs1231 8075	12	21208 653	G	T	1.78E-1 00	0.1660 55	0.42818	0.0201 222	GCST90200594_build GRCh38.tsv.gz	N5qM B5	452.79 52196
2539 71	2539 71	rs1227 6522	11	11651 1603	C	T	4.34E-0 8	0.0004 44247	-2.2125 4	0.4040 07	GCST90200596_build GRCh38.tsv.gz	udJNT A	29.991 93471
2540 28	2540 28	rs1080 1699	1	88970 498	C	T	2.45E-1 0	0.5030 95	-0.0981 496	0.0155 048	GCST90200599_build GRCh38.tsv.gz	2AvL wB	40.072 34253
2540 53	2540 53	rs4675 869	2	24088 8279	G	A	7.64E-1 2	0.7005 7	0.11577 6	0.0169 137	GCST90200599_build GRCh38.tsv.gz	2AvL wB	46.855 42002
2540 96	2540 96	rs2472 297	15	74735 539	T	C	1.53E-0 9	0.2497 58	0.10761 1	0.0178 123	GCST90200599_build GRCh38.tsv.gz	2AvL wB	36.498 35847
2541 05	2541 05	rs6714 39	6	16006 5899	T	C	3.61E-1 3	0.1246 76	0.16505 3	0.0227 055	GCST90200601_build GRCh38.tsv.gz	yMhM bj	52.842 66413
2541 38	2541 38	rs1122 01728	6	16013 0454	T	C	5.39E-1 4	0.0691 255	0.21981 1	0.0292 217	GCST90200601_build GRCh38.tsv.gz	yMhM bj	56.583 24997
2543	2543	rs1420	11	27090	A	G	2.07E-3	0.0126	0.78345	0.0660	GCST90200601_build	yMhM	140.49

02	02	59872		577			2	066	8	974	GRCh38.tsv.gz	bj	5588
2543 39	2543 39	rs2304 913	11	27125 577	C	T	8.31E-4 4	0.0393 629	-0.5268 32	0.0379 546	GCST90200601_build GRCh38.tsv.gz	yMhM bj	192.67 06023
2544 80	2544 80	rs1825 13938	11	27630 909	T	A	2.57E-0 8	0.0055 9067	-0.5512 25	0.0989 853	GCST90200601_build GRCh38.tsv.gz	yMhM bj	31.011 04527
2544 93	2544 93	rs4149 056	12	21178 615	C	T	2.81E-1 6	0.1709 4	0.20244	0.0247 448	GCST90200602_build GRCh38.tsv.gz	lnubW D	66.930 60664
2546 77	2546 77	rs2121 00	19	47873 738	C	T	4.53E-1 0	0.8546 27	0.16917 6	0.0271 349	GCST90200602_build GRCh38.tsv.gz	lnubW D	38.870 58294
2547 80	2547 80	rs7538 652	1	15194 7564	T	G	8.97E-2 3	0.3273 78	0.17103 8	0.0174 12	GCST90200603_build GRCh38.tsv.gz	N0ngc N	96.491 24325
2549 72	2549 72	rs7584 317	2	21017 8378	G	A	9.59E-2 6	0.4448 32	0.17235 5	0.0164 302	GCST90200603_build GRCh38.tsv.gz	N0ngc N	110.04 29118
2550 59	2550 59	rs6621 38	6	16014 3444	G	C	6.74E-1 0	0.1691 71	-0.1355 38	0.0219 6	GCST90200603_build GRCh38.tsv.gz	N0ngc N	38.094 07866
2550 80	2550 80	rs5574 7707	7	73623 036	A	G	1.02E-0 9	0.1907 56	-0.1269 33	0.0207 889	GCST90200603_build GRCh38.tsv.gz	N0ngc N	37.280 87258
2551 06	2551 06	rs1159 7782	10	12303 3536	C	T	6.07E-1 4	0.3864 75	-0.1272 71	0.0169 546	GCST90200603_build GRCh38.tsv.gz	N0ngc N	56.348 68904
2551 09	2551 09	rs1103 2447	11	33914 110	G	A	1.34E-0 8	0.5606 35	0.09693 54	0.0170 649	GCST90200603_build GRCh38.tsv.gz	N0ngc N	32.266 90557
2551 10	2551 10	rs2294 915	22	43945 024	T	C	3.88E-0 8	0.2367 59	-0.1058 49	0.0192 581	GCST90200603_build GRCh38.tsv.gz	N0ngc N	30.209 71609
2551 11	2551 11	rs7268 4411	4	97519 011	T	G	4.02E-0 8	0.0108 414	0.50969	0.0928 414	GCST90200604_build GRCh38.tsv.gz	mY5g Ql	30.139 00179

2551 26	2551 26	rs7305 8498	3	45723 640	G	T	8.17E-1 7	0.0940 389	0.22060 8	0.0264 875	GCST90200607_build GRCh38.tsv.gz	hjGvQ Y	69.368 22396
2551 34	2551 34	rs1013 0361	14	48920 916	G	C	5.69E-0 9	0.4551 75	0.09339 02	0.0160 311	GCST90200607_build GRCh38.tsv.gz	hjGvQ Y	33.937 19662
2551 35	2551 35	rs3779 701	8	19302 83	T	C	3.10E-0 8	0.0203 277	-0.2869 75	0.0518 42	GCST90200608_build GRCh38.tsv.gz	rzWz wz	30.642 53097
2552 99	2552 99	rs1171 35869	22	46268 515	T	C	1.46E-5 3	0.0148 683	0.90143 8	0.0585 061	GCST90200608_build GRCh38.tsv.gz	rzWz wz	237.39 38289
2553 56	2553 56	rs7388 6794	22	46291 371	A	G	8.22E-1 68	0.0338 396	-1.0663 8	0.0386 216	GCST90200608_build GRCh38.tsv.gz	rzWz wz	762.36 58946
2553 88	2553 88	rs7453 2808	22	46302 765	G	T	9.41E-2 4	0.0357 273	0.39308 6	0.0391 223	GCST90200608_build GRCh38.tsv.gz	rzWz wz	100.95 46656
2554 88	2554 88	rs1120 26082	22	46351 310	T	C	5.43E-0 9	0.0296 903	0.24766 5	0.0424 564	GCST90200608_build GRCh38.tsv.gz	rzWz wz	34.028 51056
2556 54	2556 54	rs1851 97467	22	46418 506	A	T	3.01E-0 9	0.0057 3171	0.57342 5	0.0966 851	GCST90200608_build GRCh38.tsv.gz	rzWz wz	35.175 00315
2556 98	2556 98	rs5733 96345	9	18758 527	A	G	2.59E-0 8	0.0016 3934	1.06383	0.1910 98	GCST90200611_build GRCh38.tsv.gz	vnn3a P	30.990 75687
2556 99	2556 99	rs7272 0588	1	85113 057	T	C	9.09E-0 9	0.0154 639	-0.4247 38	0.0739 084	GCST90200612_build GRCh38.tsv.gz	Ti6aw t	33.025 89792
2558 46	2558 46	rs1213 6754	1	75764 547	A	C	7.10E-1 2	0.3364 43	-0.1089 17	0.0158 874	GCST90200613_build GRCh38.tsv.gz	EPWtr 7	46.998 68225
2560 12	2560 12	rs2841 5528	1	15190 7285	A	G	1.77E-7 7	0.3190 15	0.29772 2	0.0159 792	GCST90200613_build GRCh38.tsv.gz	EPWtr 7	347.14 57003
2563	2563	rs1727	3	45772	A	G	2.60E-3	0.1017	0.32719	0.0256	GCST90200614_build	r2Zcyj	162.92

08	08	9437		602			7	02	6	339	GRCh38.tsv.gz		45762
2564 27	2564 27	rs8878 29	2	23375 9924	T	C	1.06E-0 8	0.3255 65	0.09628 99	0.0168 304	GCST90200615_build GRCh38.tsv.gz	maW G08	32.732 00402
2564 36	2564 36	rs1075 485	17	17159 54	A	G	2.72E-1 2	0.7048 16	0.12108 3	0.0173 191	GCST90200615_build GRCh38.tsv.gz	maW G08	48.878 25645
2564 44	2564 44	rs1160 68903	1	67033 038	T	C	3.60E-0 8	0.0172 818	-0.3048 89	0.0553 394	GCST90200616_build GRCh38.tsv.gz	xH9rb K	30.353 90842
2564 46	2564 46	rs9095 30	1	17111 4034	T	C	3.10E-0 8	0.2472 75	-0.0928 601	0.0167 752	GCST90200616_build GRCh38.tsv.gz	xH9rb K	30.642 40728
2564 65	2564 65	rs1365 0	7	15080 0957	G	A	1.25E-0 8	0.3155 04	0.08931 45	0.0156 886	GCST90200616_build GRCh38.tsv.gz	xH9rb K	32.409 74112
2567 09	2567 09	rs6023 4513	7	15090 7318	C	T	1.04E-4 9	0.2745 45	-0.2408 61	0.0162 493	GCST90200616_build GRCh38.tsv.gz	xH9rb K	219.71 6998
2568 04	2568 04	rs1495 31955	14	59460 437	C	T	5.08E-1 5	0.0219 327	0.42170 6	0.0538 935	GCST90200620_build GRCh38.tsv.gz	dX5N Ns	61.227 53604
2568 07	2568 07	rs6198 5497	14	59481 137	A	G	8.71E-2 0	0.0856 801	0.25636 4	0.0281 598	GCST90200620_build GRCh38.tsv.gz	dX5N Ns	82.880 99313
2568 50	2568 50	rs4665 972	2	27375 230	C	T	6.84E-0 9	0.5912 38	0.09062 29	0.0156 384	GCST90200621_build GRCh38.tsv.gz	qUdS Hp	33.580 81846
2569 13	2569 13	rs1229 2586	11	62388 840	T	C	1.24E-0 9	0.1219 36	-0.1409 61	0.0232 037	GCST90200621_build GRCh38.tsv.gz	qUdS Hp	36.904 85135
2570 45	2570 45	rs2282 377	14	10410 5483	G	C	1.44E-6 8	0.1290 58	0.39121 6	0.0223 557	GCST90200621_build GRCh38.tsv.gz	qUdS Hp	306.23 63012
2570 93	2570 93	rs1745 5169	8	11829 9978	A	G	1.42E-0 8	0.1142 05	-0.1365 51	0.0240 798	GCST90200622_build GRCh38.tsv.gz	rSMV 7C	32.157 62889

2571 87	2571 87	rs1050 152	5	13234 0627	T	C	7.31E-1 2	0.4301 52	-0.1073 99	0.0156 755	GCST90200623_build GRCh38.tsv.gz	ScTVI l	46.941 57645
2572 80	2572 80	rs7701 0315	5	15134 3594	A	C	3.57E-0 8	0.0120 572	-0.3918 63	0.0711 089	GCST90200623_build GRCh38.tsv.gz	ScTVI l	30.368 30811
2572 83	2572 83	rs1220 8357	6	16012 2116	T	C	3.48E-1 0	0.0694 01	-0.1903 94	0.0303 378	GCST90200623_build GRCh38.tsv.gz	ScTVI l	39.385 68002
2572 87	2572 87	rs3405 9508	6	16015 4805	A	G	1.50E-1 1	0.0256 028	-0.3303 6	0.0489 551	GCST90200623_build GRCh38.tsv.gz	ScTVI l	45.538 53246
2573 15	2573 15	rs1171 614	10	59709 780	C	T	5.32E-1 8	0.7708 96	0.16322 2	0.0188 775	GCST90200623_build GRCh38.tsv.gz	ScTVI l	74.759 85188
2573 19	2573 19	rs1344	1	14764 7471	A	G	3.04E-0 8	0.5824 46	0.07987 84	0.0144 201	GCST90200624_build GRCh38.tsv.gz	gdSkz 2	30.684 72038
2573 20	2573 20	rs3856 497	2	33515 921	A	T	3.73E-0 8	0.8394 3	0.10941 9	0.0198 835	GCST90200624_build GRCh38.tsv.gz	gdSkz 2	30.283 06408
2573 29	2573 29	rs1461 99923	2	21898 9595	T	G	9.02E-1 2	0.0212 559	-0.3362 94	0.0493 003	GCST90200624_build GRCh38.tsv.gz	gdSkz 2	46.530 6494
2573 42	2573 42	rs2623 901	3	12022 000	G	T	4.15E-1 1	0.7520 96	0.10792 5	0.0163 559	GCST90200624_build GRCh38.tsv.gz	gdSkz 2	43.540 68141
2586 20	2586 20	rs7293 380	5	50259 824	C	T	1.40E-1 5	0.6535 83	0.11795 4	0.0147 703	GCST90200624_build GRCh38.tsv.gz	gdSkz 2	63.774 44875
2592 42	2592 42	rs6246 6318	7	73627 755	T	C	4.40E-1 6	0.1900 15	-0.1455 03	0.0179 037	GCST90200624_build GRCh38.tsv.gz	gdSkz 2	66.047 79318
2592 93	2592 93	rs1902 023	4	68670 366	C	A	3.98E-3 1	0.4550 35	-0.2020 87	0.0174 168	GCST90200626_build GRCh38.tsv.gz	dSmk Hv	134.62 94353
2594	2594	rs1314	4	69473	C	T	4.49E-1	0.2680	-0.1720	0.0198	GCST90200626_build	dSmk	75.091

43	43	3630		380			8	39	07	495	GRCh38.tsv.gz	Hv	90111
2600 44	2600 44	rs6391	8	14287 5549	G	A	1.46E-2 5	0.5403 06	-0.1840 46	0.0176 118	GCST90200626_build GRCh38.tsv.gz	dSmk Hv	109.20 56923
2603 04	2603 04	rs1771 3514	11	63035 630	T	C	9.31E-9 1	0.0685 45	0.68237 8	0.0337 769	GCST90200626_build GRCh38.tsv.gz	dSmk Hv	408.14 12189
2607 61	2607 61	rs5405 82	11	63312 298	C	T	1.05E-1 0	0.5854 25	-0.1149 96	0.0178 007	GCST90200626_build GRCh38.tsv.gz	dSmk Hv	41.734 12442
2611 46	2611 46	rs1165 195	6	25814 852	G	T	1.81E-4 7	0.5545 27	-0.2233 87	0.0154 355	GCST90200628_build GRCh38.tsv.gz	jR4jV C	209.44 71173
2617 37	2617 37	rs2071 426	10	95068 566	C	T	1.36E-2 0	0.2811 01	-0.1595 45	0.0171 493	GCST90200628_build GRCh38.tsv.gz	jR4jV C	86.551 30117
2619 34	2619 34	rs7266 895	20	50365 978	A	G	3.30E-0 9	0.0975 35	-0.1539 98	0.0260 31	GCST90200628_build GRCh38.tsv.gz	jR4jV C	34.998 42147
2619 45	2619 45	rs1801 133	1	11796 321	A	G	6.55E-3 2	0.3409 8	-0.1904 16	0.0161 968	GCST90200629_build GRCh38.tsv.gz	DMY oQH	138.21 28546
2621 02	2621 02	rs4831 80	1	11972 4882	G	C	4.17E-0 8	0.3181 42	0.09084 68	0.0165 669	GCST90200629_build GRCh38.tsv.gz	DMY oQH	30.070 23118
2621 30	2621 30	rs2836 6034	2	21531 2057	T	C	2.02E-5 0	0.1328 38	-0.3369 52	0.0225 649	GCST90200629_build GRCh38.tsv.gz	DMY oQH	222.98 17146
2623 66	2623 66	rs1157 2168	10	95042 415	T	A	1.37E-1 5	0.1241 18	0.19902 5	0.0249 157	GCST90200630_build GRCh38.tsv.gz	IseLs M	63.807 11064
2628 15	2628 15	rs4762 697	12	21162 039	T	A	4.37E-1 2	0.7243 34	0.12727 6	0.0183 799	GCST90200630_build GRCh38.tsv.gz	IseLs M	47.952 00242
2628 47	2628 47	rs4149 056	12	21178 615	C	T	1.32E-7 2	0.1692 25	0.37980 3	0.0210 749	GCST90200630_build GRCh38.tsv.gz	IseLs M	324.77 7352

2632 20	2632 20	rs2121 00	19	47873 738	C	T	1.73E-1 2	0.8471 7	0.16078 3	0.0227 913	GCST90200630_build GRCh38.tsv.gz	IseLs M	49.767 06855
2632 58	2632 58	rs1494 38764	2	31355 31	G	A	1.98E-0 8	0.0001 85002	-3.2266 4	0.5748 05	GCST90200632_build GRCh38.tsv.gz	oHrL U3	31.510 83795
2632 95	2632 95	rs2263 122	17	82739 897	G	T	6.56E-2 3	0.5187 54	-0.1493 22	0.0151 528	GCST90200633_build GRCh38.tsv.gz	W2B1 Vn	97.109 52151
2636 77	2636 77	rs2330 74	1	85343 382	C	T	3.44E-1 19	0.3757 98	0.39000 1	0.0168 016	GCST90200634_build GRCh38.tsv.gz	qDLC xi	538.80 31908
2640 96	2640 96	rs1317 0299	5	35001 754	A	G	1.23E-0 8	0.0627 581	0.20232 9	0.0355 251	GCST90200634_build GRCh38.tsv.gz	qDLC xi	32.437 37129
2641 70	2641 70	rs3736 9	5	35037 010	T	C	5.20E-7 4	0.0699 592	-0.5974 94	0.0328 3	GCST90200634_build GRCh38.tsv.gz	qDLC xi	331.22 66952
2641 95	2641 95	rs6833 69	6	16013 0172	C	G	6.36E-1 1	0.7786 02	-0.1350 26	0.0206 619	GCST90200634_build GRCh38.tsv.gz	qDLC xi	42.706 53085
2641 97	2641 97	rs3440 0381	11	65376 421	A	G	1.51E-0 8	0.0309 287	-0.2758 21	0.0487 305	GCST90200634_build GRCh38.tsv.gz	qDLC xi	32.037 07976
2642 05	2642 05	rs7279 4638	2	31561 978	C	T	1.01E-1 8	0.0201 009	0.51835 1	0.0586 797	GCST90200635_build GRCh38.tsv.gz	j24dob	78.031 88743
2642 39	2642 39	rs1385 29890	2	32253 285	A	G	2.28E-2 2	0.0371 195	0.43159 1	0.0443 647	GCST90200635_build GRCh38.tsv.gz	j24dob	94.638 89509
2643 90	2643 90	rs7475 281	10	52109 39	C	A	4.97E-1 0	0.1458 06	-0.1480 98	0.0238 102	GCST90200635_build GRCh38.tsv.gz	j24dob	38.687 64556
2645 78	2645 78	rs1830 44805	11	63107 876	T	C	2.53E-2 6	0.0645 066	0.35758 5	0.0336 864	GCST90200635_build GRCh38.tsv.gz	j24dob	112.68 06602
2647	2647	rs2342	3	19621	G	A	4.27E-0	0.6196	-0.0821	0.0149	GCST90200636_build	Fib7E	30.024

96	96	307		5616			8	53	88	993	GRCh38.tsv.gz	9	43486
2649 12	2649 12	rs7471 0095	5	35577 060	G	T	2.13E-0 8	0.2975 43	0.08860 56	0.0158 191	GCST90200636_build GRCh38.tsv.gz	Fib7E 9	31.373 1986
2652 91	2652 91	rs1265 9258	5	35970 113	A	G	6.04E-2 55	0.1486 25	0.64652	0.0189 563	GCST90200636_build GRCh38.tsv.gz	Fib7E 9	1163.2 06398
2656 06	2656 06	rs1319 8474	6	25874 195	A	G	3.21E-0 8	0.0718 789	0.15364 4	0.0277 87	GCST90200636_build GRCh38.tsv.gz	Fib7E 9	30.573 69214
2656 10	2656 10	rs9509 847	13	21744 175	A	C	1.80E-0 8	0.3592 99	-0.0854 985	0.0151 856	GCST90200636_build GRCh38.tsv.gz	Fib7E 9	31.699 54866
2657 30	2657 30	rs2328 895	6	25801 855	T	C	5.09E-3 3	0.5462 79	-0.1994 27	0.0166 603	GCST90200637_build GRCh38.tsv.gz	znfwU 5	143.28 55112
2660 30	2660 30	rs1896 75785	4	17516 9067	A	G	2.48E-0 8	0.0061 5627	-0.6189 89	0.1110 39	GCST90200638_build GRCh38.tsv.gz	8aXU aP	31.075 26055
2660 31	2660 31	rs1047 891	2	21067 5783	A	C	6.09E-1 1	0.3185 54	0.12616 3	0.0192 863	GCST90200639_build GRCh38.tsv.gz	oaS8y d	42.792 35413
2660 34	2660 34	rs6034 24	10	10031 5722	A	G	4.48E-1 2	0.1554 52	-0.1804 92	0.0260 784	GCST90200640_build GRCh38.tsv.gz	f2i1vp	47.902 04229
2660 37	2660 37	rs1047 891	2	21067 5783	A	C	8.62E-1 5	0.3328 64	0.16791 8	0.0216 44	GCST90200642_build GRCh38.tsv.gz	BaCeg w	60.189 32256
2660 62	2660 62	rs5616 5099	12	21204 797	T	C	2.79E-0 8	0.2092 17	0.14239 8	0.0256 396	GCST90200645_build GRCh38.tsv.gz	JiBXw t	30.845 03648
2660 95	2660 95	rs7800 93	2	27519 736	C	T	2.20E-0 8	0.598	-0.0874 499	0.0156 293	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	31.306 86493
2661 29	2661 29	rs7705 826	5	13239 6764	G	T	3.55E-1 0	0.8345	0.12902 2	0.0205 684	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	39.348 3495

2661 42	2661 42	rs7701 0315	5	15134 3594	A	C	1.92E-1 2	0.0121 103	-0.4921 35	0.0699 009	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	49.568 17966
2661 47	2661 47	rs1122 01728	6	16013 0454	T	C	2.43E-0 8	0.0694 843	0.16766 6	0.0300 566	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	31.117 90164
2661 53	2661 53	rs1564 348	6	16015 7828	C	T	3.20E-0 9	0.1638 09	0.12183 3	0.0205 759	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	35.060 02291
2661 87	2661 87	rs1046 6245	10	45536 299	A	G	1.27E-0 9	0.2472 93	-0.1075 15	0.0177 088	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	36.860 38375
2662 02	2662 02	rs1171 617	10	59707 424	T	G	5.55E-1 0	0.7681 83	0.11485 1	0.0185 167	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	38.471 78891
2663 07	2663 07	rs1420 59872	11	27090 577	A	G	1.25E-1 4	0.0128 285	0.52201 4	0.0677 029	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	59.449 71236
2663 23	2663 23	rs7776 2079	11	27113 760	A	C	4.74E-3 5	0.0388 653	-0.4866 57	0.0393 983	GCST90200646_build GRCh38.tsv.gz	JOgN Gj	152.57 76717
2665 34	2665 34	rs6584 194	10	98400 642	C	T	3.44E-1 3	0.3626 07	0.14650 1	0.0201 348	GCST90200647_build GRCh38.tsv.gz	DZYb dB	52.940 31708
2667 80	2667 80	rs2003 99858	19	32851 497	T	C	3.86E-1 9	0.4845 17	-0.1762 78	0.0197 156	GCST90200647_build GRCh38.tsv.gz	DZYb dB	79.942 2251
2668 54	2668 54	rs8101 881	19	32873 722	T	C	6.21E-6 1	0.6439 19	0.33431	0.0203 003	GCST90200647_build GRCh38.tsv.gz	DZYb dB	271.20 2584
2670 93	2670 93	rs2997 922	9	12881 8465	T	C	2.56E-1 1	0.7097 66	0.11102 6	0.0166 459	GCST90200648_build GRCh38.tsv.gz	a4ZoS k	44.487 17461
2671 28	2671 28	rs7255 1330	2	23367 2032	C	T	2.38E-1 0	0.0142 822	-0.3932 01	0.0620 735	GCST90200649_build GRCh38.tsv.gz	W6aC s6	40.125 15841
2671	2671	rs1780	10	26708	A	G	2.02E-1	0.6020	-0.1131	0.0147	GCST90200649_build	W6aC	58.514

63	63	180		996			4	41	52	921	GRCh38.tsv.gz	s6	67551
2672 87	2672 87	rs5605 0010	10	99833 993	G	A	6.13E-2 9	0.0594 848	-0.3448 49	0.0308 899	GCST90200649_build GRCh38.tsv.gz	W6aC s6	124.63 06721
2675 22	2675 22	rs1281 5466	12	20849 163	A	T	4.81E-2 8	0.8536 02	0.22733 6	0.0207 061	GCST90200649_build GRCh38.tsv.gz	W6aC s6	120.54 23945
2679 40	2679 40	rs1151 9268	12	21070 714	A	G	1.19E-0 8	0.2296 84	0.09861 13	0.0172 95	GCST90200649_build GRCh38.tsv.gz	W6aC s6	32.509 64564
2680 67	2680 67	rs1445 12259	14	72944 822	T	C	4.93E-1 4	0.0175 727	-0.4197 1	0.0557 106	GCST90200649_build GRCh38.tsv.gz	W6aC s6	56.757 46134
2685 65	2685 65	rs5823 1493	14	73565 418	T	C	1.20E-6 0	0.4232 25	0.24421 1	0.0148 652	GCST90200649_build GRCh38.tsv.gz	W6aC s6	269.89 13282
2687 28	2687 28	rs1156 8591	17	50683 692	A	G	5.98E-1 9	0.0687 287	-0.2563 45	0.0288 272	GCST90200649_build GRCh38.tsv.gz	W6aC s6	79.076 0158
2687 53	2687 53	rs1091 2697	1	17126 9020	A	G	3.14E-3 4	0.3739 09	-0.2035 31	0.0166 84	GCST90200650_build GRCh38.tsv.gz	lWe6J 7	148.81 98185
2689 40	2689 40	rs1424 245	16	58729 926	A	T	4.08E-1 0	0.5537 51	0.09993 81	0.0159 882	GCST90200650_build GRCh38.tsv.gz	lWe6J 7	39.071 76519
2689 86	2689 86	rs2342 307	3	19621 5616	G	A	3.99E-1 1	0.6185 02	-0.1059 41	0.0160 404	GCST90200651_build GRCh38.tsv.gz	9qZg YY	43.621 21398
2690 44	2690 44	rs1996 598	4	68276 152	T	C	8.07E-0 9	0.2438 7	0.10497 2	0.0182 024	GCST90200651_build GRCh38.tsv.gz	9qZg YY	33.257 50277
2693 28	2693 28	rs9884 390	4	68507 689	C	T	1.81E-2 38	0.2188 51	-0.5873 03	0.0178 102	GCST90200651_build GRCh38.tsv.gz	9qZg YY	1087.3 93783
2694 85	2694 85	rs7265 1926	4	68736 982	A	G	1.62E-3 4	0.1678 27	-0.2528 84	0.0206 387	GCST90200651_build GRCh38.tsv.gz	9qZg YY	150.13 36448

2700 01	2700 01	rs6456 703	6	25825 891	T	C	1.54E-1 2	0.2472 8	0.12732 8	0.0180 069	GCST90200651_build GRCh38.tsv.gz	9qZg YY	49.999 99138
2700 80	2700 80	rs1489 82377	7	99477 415	C	T	2.07E-2 8	0.0329 071	-0.4740 46	0.0428 798	GCST90200651_build GRCh38.tsv.gz	9qZg YY	122.21 80839
2702 51	2702 51	rs5602 8148	10	95050 911	T	C	2.89E-1 7	0.1184 42	0.20294 3	0.0240 137	GCST90200651_build GRCh38.tsv.gz	9qZg YY	71.421 66832
2704 96	2704 96	rs6212 9968	19	47880 285	A	C	1.01E-1 9	0.1613 81	-0.1904 37	0.0209 549	GCST90200651_build GRCh38.tsv.gz	9qZg YY	82.590 76282
2707 28	2707 28	rs1126 742	1	46932 824	G	A	3.10E-4 7	0.1373 15	0.34091 4	0.0236 166	GCST90200652_build GRCh38.tsv.gz	55lfdL	208.37 9468
2712 84	2712 84	rs1177 442	6	25808 841	G	A	3.48E-2 8	0.5631 45	0.18174 7	0.0165 097	GCST90200652_build GRCh38.tsv.gz	55lfdL	121.18 7029
2717 30	2717 30	rs7969 341	12	21232 670	G	A	7.36E-2 7	0.1735 52	0.22966 3	0.0214 037	GCST90200652_build GRCh38.tsv.gz	55lfdL	115.13 42024
2718 08	2718 08	rs1171 617	10	59707 424	T	G	2.36E-1 0	0.7700 92	0.12139 6	0.0191 599	GCST90200653_build GRCh38.tsv.gz	aHMZ ta	40.144 15102
2718 19	2718 19	rs7654 754	4	76488 642	A	G	1.13E-0 8	0.5244 17	0.08713 5	0.0152 584	GCST90200656_build GRCh38.tsv.gz	ccb jy R	32.611 23752
2721 53	2721 53	rs1165 196	6	25812 922	A	G	1.61E-5 9	0.5551 35	-0.2460 4	0.0151 221	GCST90200656_build GRCh38.tsv.gz	ccb jy R	264.72 02872
2725 80	2725 80	rs1536 826	10	13354 3735	C	A	4.05E-1 4	0.8158 82	0.15024 3	0.0198 749	GCST90200656_build GRCh38.tsv.gz	ccb jy R	57.145 04635
2725 82	2725 82	rs1153 76765	10	13357 9913	T	C	1.50E-2 0	0.0264 347	0.43665 1	0.0469 886	GCST90200656_build GRCh38.tsv.gz	ccb jy R	86.354 28784
2725	2725	rs1106	12	23961	C	T	2.14E-1	0.6567	0.14455	0.0165	GCST90200657_build	7b810	76.555

98	98	2102		9			8	31		208	GRCh38.tsv.gz	F	08528
2726 67	2726 67	rs1047 891	2	21067 5783	A	C	4.71E-0 8	0.3089 19	0.08533 51	0.0156 234	GCST90200661_build GRCh38.tsv.gz	cNz4 Gt	29.833 50637
2727 25	2727 25	rs1510 303	7	97744 357	A	G	1.79E-1 2	0.5219 54	-0.1010 38	0.0143 321	GCST90200661_build GRCh38.tsv.gz	cNz4 Gt	49.699 24858
2731 42	2731 42	rs1024 0723	7	97981 884	T	C	1.20E-6 0	0.3817 29	-0.2419 81	0.0147 294	GCST90200661_build GRCh38.tsv.gz	cNz4 Gt	269.89 34978
2732 28	2732 28	rs1620 646	7	97996 146	A	C	2.23E-1 8	0.1207 66	0.19375	0.0221 557	GCST90200661_build GRCh38.tsv.gz	cNz4 Gt	76.473 76471
2732 30	2732 30	rs2169 387	8	93238 85	G	A	4.01E-0 8	0.9021 7	-0.1341 99	0.0244 416	GCST90200661_build GRCh38.tsv.gz	cNz4 Gt	30.146 66636
2732 51	2732 51	rs2282 377	14	10410 5483	G	C	1.31E-2 0	0.1299 2	-0.1982 48	0.0213 001	GCST90200661_build GRCh38.tsv.gz	cNz4 Gt	86.627 21345
2733 51	2733 51	rs1569 415	22	45331 807	A	C	2.79E-1 7	0.2454 16	0.13668 7	0.0161 664	GCST90200662_build GRCh38.tsv.gz	McUs m3	71.487 11705
2735 34	2735 34	rs715	2	21067 8331	C	T	2.48E-1 4	0.3064 75	-0.1206 06	0.0158 21	GCST90200663_build GRCh38.tsv.gz	MtHg bA	58.112 55455
2735 35	2735 35	rs2080 402	12	23600 9	C	T	2.03E-1 8	0.5531 12	0.12926 6	0.0147 635	GCST90200663_build GRCh38.tsv.gz	MtHg bA	76.663 73319
2735 94	2735 94	rs6233 3059	4	17960 0521	A	T	6.96E-0 9	0.2437 66	-0.1041 92	0.0179 893	GCST90200664_build GRCh38.tsv.gz	4sYIR r	33.545 95965
2736 25	2736 25	rs1078 6415	10	98391 509	G	A	4.23E-1 1	0.3583 92	-0.1044 77	0.0158 403	GCST90200664_build GRCh38.tsv.gz	4sYIR r	43.502 53672
2736 73	2736 73	rs1421 71054	11	69430 283	T	C	1.37E-0 9	0.0205 226	0.32320 3	0.0533 403	GCST90200664_build GRCh38.tsv.gz	4sYIR r	36.714 68941

2736 74	2736 74	rs1172 50991	17	77756 770	G	C	2.73E-0 8	0.0152 898	0.34491 3	0.0620 602	GCST90200664_build GRCh38.tsv.gz	4sYIR r	30.888 21314
2736 90	2736 90	rs2804 411	10	99763 081	T	C	6.69E-1 1	0.4324 41	-0.1146 49	0.0175 64	GCST90200665_build GRCh38.tsv.gz	pHRI Mk	42.608 24882
2741 87	2741 87	rs1231 8075	12	21208 653	G	T	8.03E-5 6	0.1793 51	0.34941 1	0.0221 988	GCST90200665_build GRCh38.tsv.gz	pHRI Mk	247.75 02774
2743 11	2743 11	rs1084 1781	12	21266 461	G	A	5.56E-1 1	0.1669 27	-0.1531 19	0.0233 588	GCST90200665_build GRCh38.tsv.gz	pHRI Mk	42.969 18454
2743 74	2743 74	rs5637 80032	9	84633 092	A	C	2.44E-0 8	0.0023 1888	0.91010 1	0.1631 66	GCST90200668_build GRCh38.tsv.gz	x9ZF Vf	31.111 4211
2745 89	2745 89	rs7375 178	4	69103 961	A	C	1.39E-1 4	0.4598 62	-0.1200 89	0.0156 006	GCST90200670_build GRCh38.tsv.gz	8sp6l8	59.254 84323
2752 26	2752 26	rs1104 5806	12	21161 802	A	G	1.10E-0 9	0.1838 41	-0.1213 63	0.0199 163	GCST90200670_build GRCh38.tsv.gz	8sp6l8	37.132 59388
2752 58	2752 58	rs4149 056	12	21178 615	C	T	3.90E-5 0	0.1585 37	0.31063 8	0.0208 638	GCST90200670_build GRCh38.tsv.gz	8sp6l8	221.67 78706
2755 09	2755 09	rs4299 376	2	43845 437	T	G	1.28E-0 8	0.6889 71	0.09992 84	0.0175 649	GCST90200671_build GRCh38.tsv.gz	PYqfl y	32.365 81179
2760 40	2760 40	rs1027 8040	7	99543 750	A	G	3.28E-1 9	0.0449 971	-0.3463	0.0386 55	GCST90200671_build GRCh38.tsv.gz	PYqfl y	80.258 97849
2761 75	2761 75	rs7767 46	7	99672 916	C	T	1.73E-1 82	0.9573 37	1.08999	0.0378 369	GCST90200671_build GRCh38.tsv.gz	PYqfl y	829.87 73907
2761 79	2761 79	rs6247 1929	7	99676 693	G	A	3.38E-2 7	0.0558 113	0.38190 2	0.0353 561	GCST90200671_build GRCh38.tsv.gz	PYqfl y	116.67 42877
2766	2766	rs4762	12	21162	T	A	1.59E-0	0.7173	0.10987	0.0182	GCST90200671_build	PYqfl	36.419

98	98	697		039			9	82	8	073	GRCh38.tsv.gz	y	19947
2767 30	2767 30	rs4149 056	12	21178 615	C	T	1.95E-4 3	0.1627 06	0.29984 5	0.0216 978	GCST90200671_build GRCh38.tsv.gz	PYqfl y	190.96 8712
2770 69	2770 69	rs2963 91	19	47865 277	T	C	1.06E-1 4	0.8415 36	0.17294 6	0.0223 68	GCST90200671_build GRCh38.tsv.gz	PYqfl y	59.781 49004
2776 11	2776 11	rs3372 76	4	12910 9789	A	C	2.67E-1 68	0.6115 13	-0.4066 08	0.0147 047	GCST90200672_build GRCh38.tsv.gz	lx51ra	764.60 91678
2781 83	2781 83	rs2076 007	6	16729 4271	T	C	1.49E-3 5	0.1068 98	0.29872 1	0.0240 035	GCST90200672_build GRCh38.tsv.gz	lx51ra	154.87 53731
2782 55	2782 55	rs5500 57	9	13327 1182	C	T	1.09E-2 0	0.7425 79	-0.1590 93	0.0170 578	GCST90200672_build GRCh38.tsv.gz	lx51ra	86.987 3512
2782 98	2782 98	rs4926 02	19	48703 160	G	A	7.13E-1 3	0.4807 12	-0.1069 77	0.0149 055	GCST90200672_build GRCh38.tsv.gz	lx51ra	51.509 54712
2784 90	2784 90	rs2745 55	5	13238 7259	T	C	1.96E-1 0	0.4073 56	0.10086 9	0.0158 486	GCST90200673_build GRCh38.tsv.gz	tI3iA H	40.507 33034
2784 94	2784 94	rs8025 4170	6	16009 3251	G	A	1.35E-0 8	0.0758 884	-0.1634 83	0.0287 823	GCST90200673_build GRCh38.tsv.gz	tI3iA H	32.262 21687
2785 04	2785 04	rs6621 38	6	16014 3444	G	C	2.63E-2 3	0.1765 44	-0.2001 17	0.0201 207	GCST90200673_build GRCh38.tsv.gz	tI3iA H	98.919 47341
2785 56	2785 56	rs1171 617	10	59707 424	T	G	1.18E-3 1	0.7686 13	0.21683 5	0.0185 23	GCST90200673_build GRCh38.tsv.gz	tI3iA H	137.03 6455
2785 78	2785 78	rs2033 26	12	11976 5917	C	T	1.76E-1 3	0.7746 28	0.13467 8	0.0182 832	GCST90200673_build GRCh38.tsv.gz	tI3iA H	54.261 13786
2786 80	2786 80	rs2516 078	12	12043 3950	C	T	2.25E-3 6	0.3903 59	-0.1992 46	0.0158 194	GCST90200673_build GRCh38.tsv.gz	tI3iA H	158.63 50712

2789 04	2789 04	rs7975 067	12	12066 1651	A	G	5.00E-3 07	0.3655 4	0.63781 7	0.0146 921	GCST90200673_build GRCh38.tsv.gz	tI3iA H	1884.6 22751
2800 89	2800 89	rs1280 9185	12	12108 1295	C	A	2.74E-1 1	0.0917 363	0.17840 1	0.0267 863	GCST90200673_build GRCh38.tsv.gz	tI3iA H	44.357 70944
2801 09	2801 09	rs7145 4677	12	12111 4221	T	C	2.11E-1 1	0.0179 481	0.38542 8	0.0575 403	GCST90200673_build GRCh38.tsv.gz	tI3iA H	44.868 57524
2802 23	2802 23	rs7278 7511	2	32591 022	C	G	1.19E-1 1	0.0341 314	-0.2769 05	0.0408 325	GCST90200674_build GRCh38.tsv.gz	lQkC8 3	45.988 54337
2802 33	2802 33	rs5622 5736	3	19624 2315	A	G	1.06E-1 0	0.1370 54	0.13861 1	0.0214 654	GCST90200674_build GRCh38.tsv.gz	lQkC8 3	41.698 21092
2802 96	2802 96	rs1002 0631	4	68488 145	A	G	6.85E-2 5	0.2385 82	-0.1786 64	0.0173 416	GCST90200674_build GRCh38.tsv.gz	lQkC8 3	106.14 40799
2805 06	2805 06	rs1489 82377	7	99477 415	C	T	5.00E-3 07	0.0325 487	-1.5035 8	0.0382 62	GCST90200674_build GRCh38.tsv.gz	lQkC8 3	1544.2 50483
2808 08	2808 08	rs1172 09214	7	10039 6354	A	G	1.07E-1 8	0.0075 8595	-0.7522 9	0.0852 24	GCST90200674_build GRCh38.tsv.gz	lQkC8 3	77.919 60634
2808 65	2808 65	rs6212 8827	19	47862 311	T	C	9.48E-1 1	0.1581 98	-0.1313 02	0.0202 782	GCST90200674_build GRCh38.tsv.gz	lQkC8 3	41.926 0433
2813 50	2813 50	rs1168 9392	2	73394 898	C	T	5.00E-3 07	0.2408 88	0.71113 1	0.0166 356	GCST90200675_build GRCh38.tsv.gz	pb1On u	1827.3 52297
2820 09	2820 09	rs7860 6233	2	73838 471	A	T	1.76E-0 8	0.0698 457	-0.1758 88	0.0312 201	GCST90200675_build GRCh38.tsv.gz	pb1On u	31.739 77485
2821 45	2821 45	rs4590 59	3	81452 44	C	G	2.14E-0 8	0.9670 99	0.24537 2	0.0438 112	GCST90200675_build GRCh38.tsv.gz	pb1On u	31.367 48566
2821	2821	rs7108	11	67647	G	A	5.19E-4	0.8282	0.29997	0.0208	GCST90200675_build	pb1On	207.35

61	61	760		176			7	86		317	GRCh38.tsv.gz	u	10414
2822 30	2822 30	rs1189 8850	2	72972 490	A	C	6.40E-1 7	0.4392 06	-0.1272 74	0.0152 285	GCST90200676_build GRCh38.tsv.gz	uoenu Z	69.849 79432
2825 94	2825 94	rs6737 049	2	73279 583	A	G	2.59E-2 7	0.1455 27	-0.2288 1	0.0211 352	GCST90200676_build GRCh38.tsv.gz	uoenu Z	117.20 26087
2826 32	2826 32	rs7573 275	2	73325 414	A	G	5.00E-3 07	0.2840 59	0.66866 1	0.0150 662	GCST90200676_build GRCh38.tsv.gz	uoenu Z	1969.7 20162
2837 18	2837 18	rs1151 38061	2	74481 629	T	C	1.21E-0 8	0.0197 256	0.30786 8	0.0540 215	GCST90200676_build GRCh38.tsv.gz	uoenu Z	32.478 48949
2837 60	2837 60	rs1495 741	8	18415 371	A	G	8.82E-2 3	0.7739 57	-0.1753 6	0.0178 49	GCST90200676_build GRCh38.tsv.gz	uoenu Z	96.523 55183
2842 35	2842 35	rs1019 0219	2	73431 203	T	C	1.00E-3 07	0.2285 58	0.62458 5	0.0162 342	GCST90200677_build GRCh38.tsv.gz	0I7eD p	1480.2 03122
2851 30	2851 30	rs2328 895	6	25801 855	T	C	3.32E-2 3	0.5555 29	0.14756 6	0.0148 719	GCST90200677_build GRCh38.tsv.gz	0I7eD p	98.455 43546
2854 30	2854 30	rs7108 760	11	67647 176	G	A	7.52E-4 1	0.8251 9	0.26151 1	0.0195 394	GCST90200677_build GRCh38.tsv.gz	0I7eD p	179.12 55247
2857 65	2857 65	rs7688 51	2	73151 113	A	G	1.46E-3 7	0.3710 25	0.20399 9	0.0159 266	GCST90200678_build GRCh38.tsv.gz	wS81 XC	164.06 27291
2871 15	2871 15	rs1020 3740	2	73824 233	G	A	1.00E-3 07	0.6445 18	-0.5792 51	0.0150 576	GCST90200678_build GRCh38.tsv.gz	wS81 XC	1479.8 64909
2873 20	2873 20	rs8012 505	14	10410 4717	G	C	1.43E-3 0	0.1312 48	0.26410 5	0.0229 798	GCST90200678_build GRCh38.tsv.gz	wS81 XC	132.08 72071
2873 72	2873 72	rs1189 8850	2	72972 490	A	C	4.13E-1 3	0.4402 36	-0.1119 87	0.0154 439	GCST90200679_build GRCh38.tsv.gz	ZW0 MG0	52.580 08204

2878 24	2878 24	rs1341 7094	2	73277 974	T	C	3.20E-3 1	0.1369 85	-0.2568 41	0.0221 003	GCST90200679_build GRCh38.tsv.gz	ZW0 MG0	135.06 1748
2878 83	2878 83	rs7573 275	2	73325 414	A	G	5.00E-3 07	0.2833 54	0.73467 9	0.0150 018	GCST90200679_build GRCh38.tsv.gz	ZW0 MG0	2398.3 27625
2890 36	2890 36	rs1171 617	10	59707 424	T	G	1.75E-1 6	0.7696 46	0.15243 3	0.0185 038	GCST90200679_build GRCh38.tsv.gz	ZW0 MG0	67.863 48255
2890 40	2890 40	rs1156 8438	14	22813 127	A	G	3.98E-0 8	0.0198 451	0.29982 4	0.0545 966	GCST90200679_build GRCh38.tsv.gz	ZW0 MG0	30.157 93438
2890 56	2890 56	rs2453 583	17	19538 723	T	A	1.08E-1 1	0.3930 38	0.10741 3	0.0158 065	GCST90200679_build GRCh38.tsv.gz	ZW0 MG0	46.178 75942
2891 15	2891 15	rs7836 592	8	18157 388	T	C	7.51E-1 2	0.4847 54	-0.1119 2	0.0163 442	GCST90200680_build GRCh38.tsv.gz	fiTQE f	46.890 84585
2895 16	2895 16	rs9717 70	8	18360 305	C	T	3.48E-1 7	0.9254 58	-0.2625 81	0.0311 507	GCST90200680_build GRCh38.tsv.gz	fiTQE f	71.054 39979
2896 58	2896 58	rs1115 784	8	18397 900	G	A	5.00E-3 07	0.2954 97	0.62625 5	0.0162 373	GCST90200680_build GRCh38.tsv.gz	fiTQE f	1487.5 60997
2897 87	2897 87	rs1254 5528	8	18414 438	T	G	4.42E-2 3	0.3904 69	-0.1642 42	0.0166 001	GCST90200680_build GRCh38.tsv.gz	fiTQE f	97.891 96386
2899 97	2899 97	rs1248 7905	3	12480 2188	C	T	1.77E-0 8	0.2070 44	-0.1015 75	0.0180 312	GCST90200681_build GRCh38.tsv.gz	L1XZI 9	31.733 96957
2900 11	2900 11	rs4766 578	12	11146 6567	A	T	3.65E-0 8	0.5018 8	-0.0801 171	0.0145 484	GCST90200681_build GRCh38.tsv.gz	L1XZI 9	30.326 33828
2900 13	2900 13	rs7792 4615	16	20381 010	A	G	1.46E-0 9	0.1928 75	-0.1129 18	0.0186 673	GCST90200681_build GRCh38.tsv.gz	L1XZI 9	36.590 07845
2901	2901	rs1154	17	75131	A	G	5.00E-3	0.0266	-1.6944	0.0415	GCST90200681_build	L1XZI	1663.8

24	24	1956		253			07	784	2	4	GRCh38.tsv.gz	9	30777
2906 50	2906 50	rs4698 390	4	15492 131	T	C	5.00E-3 07	0.1359 9	0.82469 1	0.0194 14	GCST90200682_build GRCh38.tsv.gz	QxIj3I	1804.4 81606
2913 28	2913 28	rs4283 655	4	15737 865	G	A	4.74E-1 9	0.9424 13	0.27916 6	0.0313 034	GCST90200682_build GRCh38.tsv.gz	QxIj3I	79.532 02242
2915 95	2915 95	rs7338 1355	8	14412 6114	T	G	1.91E-0 8	0.0830 857	0.14709 4	0.0261 726	GCST90200682_build GRCh38.tsv.gz	QxIj3I	31.586 1127
2915 98	2915 98	rs1189 8850	2	72972 490	A	C	4.23E-1 0	0.4350 54	-0.1026 35	0.0164 339	GCST90200683_build GRCh38.tsv.gz	LqZy CJ	39.004 049
2920 42	2920 42	rs1341 7094	2	73277 974	T	C	5.32E-2 6	0.1329 24	-0.2491 81	0.0236 289	GCST90200683_build GRCh38.tsv.gz	LqZy CJ	111.20 97438
2920 82	2920 82	rs7573 275	2	73325 414	A	G	5.00E-3 07	0.3046 14	0.72353 4	0.0157 002	GCST90200683_build GRCh38.tsv.gz	LqZy CJ	2123.7 70181
2977 41	2977 41	rs1227 5064	11	49131 045	T	G	3.86E-4 4	0.1355 43	-0.3156 59	0.0226 516	GCST90200684_build GRCh38.tsv.gz	aewzV G	194.19 52419
2984 69	2984 69	rs3517 6971	11	49324 761	A	G	1.00E-3 07	0.6084 21	0.57179 9	0.0148 658	GCST90200684_build GRCh38.tsv.gz	aewzV G	1479.4 83792
3105 98	3105 98	rs1089 6560	11	56982 861	G	A	4.22E-1 2	0.1358 26	-0.1614 97	0.0233 049	GCST90200684_build GRCh38.tsv.gz	aewzV G	48.021 35729
3109 81	3109 81	rs7732 3386	11	57201 040	A	G	2.64E-0 8	0.1248 21	0.13363 3	0.0240 182	GCST90200684_build GRCh38.tsv.gz	aewzV G	30.956 12008
3110 88	3110 88	rs3517 9427	1	95205 332	A	G	2.32E-0 8	0.0840 112	-0.1517 69	0.0271 674	GCST90200685_build GRCh38.tsv.gz	iJOH0 m	31.208 29129
3112 80	3112 80	rs2238 001	11	61757 035	C	T	2.82E-1 0	0.1302 42	0.14314	0.0226 905	GCST90200685_build GRCh38.tsv.gz	iJOH0 m	39.795 49342

3113 08	3113 08	rs1745 28	11	61776 027	C	T	5.00E-3 07	0.3672 66	-0.6200 17	0.0145 281	GCST90200685_build GRCh38.tsv.gz	iJOH0 m	1821.3 33827
3116 29	3116 29	rs2668 899	11	61954 167	G	A	1.14E-1 2	0.2996 95	-0.1181 97	0.0166 186	GCST90200685_build GRCh38.tsv.gz	iJOH0 m	50.585 26599
3118 25	3118 25	rs1292 8099	16	15056 648	A	C	1.08E-1 3	0.2907 74	0.12419 3	0.0167 142	GCST90200685_build GRCh38.tsv.gz	iJOH0 m	55.210 67374
3118 32	3118 32	rs5854 2926	19	19268 740	T	C	1.61E-0 9	0.0756 583	-0.1752 61	0.0290 529	GCST90200685_build GRCh38.tsv.gz	iJOH0 m	36.390 79909
3118 76	3118 76	rs6759 896	2	23330 2326	A	G	6.58E-0 9	0.5639 1	-0.0887 542	0.0152 991	GCST90200686_build GRCh38.tsv.gz	fqpPS v	33.654 72614
3124 72	3124 72	rs8878 29	2	23375 9924	T	C	5.00E-3 07	0.3226 74	0.59746 1	0.0149 484	GCST90200686_build GRCh38.tsv.gz	fqpPS v	1597.4 58932
3125 78	3125 78	rs1871 395	12	21199 381	G	A	1.06E-1 0	0.1564 13	0.13468 9	0.0208 57	GCST90200686_build GRCh38.tsv.gz	fqpPS v	41.702 3544
3126 28	3126 28	rs4533 344	17	47238 86	T	C	3.04E-0 8	0.1120 13	-0.1360 03	0.0245 522	GCST90200686_build GRCh38.tsv.gz	fqpPS v	30.684 29506
3126 58	3126 58	rs6705 993	2	23330 2980	A	G	1.08E-1 0	0.5734 02	-0.0976 526	0.0151 291	GCST90200687_build GRCh38.tsv.gz	2SVds q	41.662 12665
3130 00	3130 00	rs2741 044	2	23367 0722	A	G	5.00E-3 07	0.2947 43	0.59306 6	0.0152 056	GCST90200687_build GRCh38.tsv.gz	2SVds q	1521.2 44183
3134 42	3134 42	rs1871 395	12	21199 381	G	A	2.01E-2 6	0.1567 07	0.21798 9	0.0204 943	GCST90200687_build GRCh38.tsv.gz	2SVds q	113.13 65627
3135 25	3135 25	rs7279 4638	2	31561 978	C	T	5.51E-1 1	0.0175 45	-0.3296 83	0.0502 842	GCST90200688_build GRCh38.tsv.gz	2799L 2	42.986 2952
3135	3135	rs9282	2	31580	T	C	3.09E-2	0.0330	-0.3433	0.0372	GCST90200688_build	2799L	84.931

30	30	858		756			0	396	61	578	GRCh38.tsv.gz	2	25002
3135 90	3135 90	rs5670 45699	9	85878 798	C	A	7.79E-0 9	0.0326 305	0.21497 5	0.0372 388	GCST90200688_build GRCh38.tsv.gz	2799L 2	33.326 10513
3136 36	3136 36	rs1771 3514	11	63035 630	T	C	5.00E-3 07	0.0603 989	1.00892	0.0255 536	GCST90200688_build GRCh38.tsv.gz	2799L 2	1558.8 67769
3141 72	3141 72	rs5405 82	11	63312 298	C	T	1.50E-2 6	0.5910 58	-0.1430 33	0.0134 13	GCST90200688_build GRCh38.tsv.gz	2799L 2	113.71 57569
3144 46	3144 46	rs2121 00	19	47873 738	C	T	4.90E-2 1	0.8373 21	-0.1697 72	0.0180 39	GCST90200688_build GRCh38.tsv.gz	2799L 2	88.574 19473
3147 39	3147 39	rs4917 820	10	98348 779	T	C	5.00E-3 07	0.6270 34	0.66575 1	0.0144 899	GCST90200689_build GRCh38.tsv.gz	jEi59b	2111.0 22579
3152 49	3152 49	rs1151 7049	10	98449 905	T	G	3.15E-2 7	0.0413 183	0.41468 1	0.0383 67	GCST90200689_build GRCh38.tsv.gz	jEi59b	116.81 87595
3153 37	3153 37	rs1118 9713	10	98605 856	T	C	6.69E-1 6	0.0329 544	-0.3469 19	0.0429 563	GCST90200689_build GRCh38.tsv.gz	jEi59b	65.223 25042
3155 48	3155 48	rs1512 71070	10	99383 692	T	C	1.42E-1 0	0.0158 232	-0.3945 71	0.0615 163	GCST90200689_build GRCh38.tsv.gz	jEi59b	41.140 53287
3158 59	3158 59	rs1016 4318	19	32968 392	G	T	1.22E-1 9	0.6721 21	0.14853 8	0.0163 816	GCST90200689_build GRCh38.tsv.gz	jEi59b	82.217 16729
3158 71	3158 71	rs1138 64403	1	86763 822	C	A	3.14E-0 8	0.0428 401	0.21653 7	0.0391 327	GCST90200690_build GRCh38.tsv.gz	EOQ6 uh	30.618 54888
3159 01	3159 01	rs7284 8112	2	73023 382	T	G	2.68E-1 2	0.0373 134	0.29252 1	0.0418 267	GCST90200690_build GRCh38.tsv.gz	EOQ6 uh	48.911 03985
3159 15	3159 15	rs9711 746	2	73052 341	A	T	2.15E-0 9	0.0393 648	0.24197 8	0.0404 251	GCST90200690_build GRCh38.tsv.gz	EOQ6 uh	35.830 22703

3164 01	3164 01	rs1302 2149	2	73414 387	A	T	1.00E-3 07	0.6242 7	-0.5740 51	0.0149 242	GCST90200690_build GRCh38.tsv.gz	EOQ6 uh	1479.5 13168
3168 15	3168 15	rs6214 9807	2	73620 531	T	C	1.26E-1 1	0.0521 993	-0.2386 77	0.0352 405	GCST90200690_build GRCh38.tsv.gz	EOQ6 uh	45.870 87427
3173 54	3173 54	rs6233 1274	5	11938 12	C	G	3.00E-0 8	0.2609 28	0.10058 5	0.0181 516	GCST90200690_build GRCh38.tsv.gz	EOQ6 uh	30.706 9453
3173 55	3173 55	rs1780 966	6	25859 205	C	T	5.00E-0 8	0.2501 98	0.09965 51	0.0182 806	GCST90200690_build GRCh38.tsv.gz	EOQ6 uh	29.717 90341
3173 64	3173 64	rs7108 760	11	67647 176	G	A	2.63E-1 1	0.8257 22	0.13938 2	0.0209 091	GCST90200690_build GRCh38.tsv.gz	EOQ6 uh	44.436 7926
3177 60	3177 60	rs6546 815	2	73278 777	T	A	1.24E-2 7	0.1442 59	0.23514 9	0.0215 86	GCST90200691_build GRCh38.tsv.gz	GPcT Dp	118.67 0269
3177 84	3177 84	rs7573 275	2	73325 414	A	G	5.00E-3 07	0.2845 02	-0.6836 63	0.0152 423	GCST90200691_build GRCh38.tsv.gz	GPcT Dp	2011.7 92304
3190 67	3190 67	rs1745 33	11	61781 553	A	G	5.00E-3 07	0.3357 14	-0.6137 94	0.0150 029	GCST90200692_build GRCh38.tsv.gz	E4Yzi b	1673.7 66412
3195 28	3195 28	rs1292 8099	16	15056 648	A	C	2.08E-1 3	0.2908 18	0.12397 4	0.0168 824	GCST90200692_build GRCh38.tsv.gz	E4Yzi b	53.925 33551
3195 37	3195 37	rs1859 79634	10	99643 566	C	T	3.92E-2 0	0.0543 439	-0.3037 96	0.0330 569	GCST90200693_build GRCh38.tsv.gz	MIrP1 X	84.457 81753
3196 16	3196 16	rs1469 31915	10	10002 7707	T	C	2.03E-0 8	0.0148 207	0.35340 3	0.0630 027	GCST90200693_build GRCh38.tsv.gz	MIrP1 X	31.464 59459
3207 42	3207 42	rs1104 5655	12	21018 282	G	A	4.69E-8 2	0.2016 89	-0.3549 13	0.0184 969	GCST90200693_build GRCh38.tsv.gz	MIrP1 X	368.16 78974
3212	3212	rs6031	12	21173	G	A	5.00E-3	0.1233	0.84576	0.0209	GCST90200693_build	MIrP1	1622.5

70	70	8946		794			07	71	2	965	GRCh38.tsv.gz	X	66572
3221 52	3221 52	rs3785 912	17	50679 576	T	C	5.47E-1 9	0.3492 22	-0.1420 35	0.0159 55	GCST90200693_build GRCh38.tsv.gz	MIrP1 X	79.249 61009
3222 37	3222 37	rs6704 070	1	20584 277	T	C	6.00E-1 6	0.4911 94	0.12332 4	0.0152 451	GCST90200694_build GRCh38.tsv.gz	21jZB i	65.438 69806
3226 30	3226 30	rs2836 5521	9	12893 7292	G	A	2.58E-2 5	0.0639 354	-0.3276 33	0.0315 15	GCST90200694_build GRCh38.tsv.gz	21jZB i	108.07 88348
3227 10	3227 10	rs2287 363	9	12900 5389	C	A	1.00E-3 07	0.4292 23	0.54628 1	0.0142 031	GCST90200694_build GRCh38.tsv.gz	21jZB i	1479.3 32852
3229 94	3229 94	rs1745 6278	9	12921 4917	C	T	1.46E-0 8	0.0069 4444	0.52094 2	0.0919 465	GCST90200694_build GRCh38.tsv.gz	21jZB i	32.100 2446
3233 83	3233 83	rs5729 4583	9	12892 2557	G	A	5.00E-3 07	0.3972 07	0.68677 7	0.0143 253	GCST90200695_build GRCh38.tsv.gz	4MFN u2	2298.3 91639
3240 16	3240 16	rs4917 820	10	98348 779	T	C	5.00E-3 07	0.6275 41	0.61669	0.0146 796	GCST90200696_build GRCh38.tsv.gz	XnIA A5	1764.8 40123
3244 82	3244 82	rs1151 7049	10	98449 905	T	G	4.89E-2 6	0.0413 017	0.40355 9	0.0382 391	GCST90200696_build GRCh38.tsv.gz	XnIA A5	111.37 78295
3245 67	3245 67	rs1118 9713	10	98605 856	T	C	1.83E-1 4	0.0328 476	-0.3285 02	0.0428 745	GCST90200696_build GRCh38.tsv.gz	XnIA A5	58.705 37942
3248 02	3248 02	rs1512 71070	10	99383 692	T	C	9.37E-1 0	0.0158 884	-0.3744 32	0.0611 835	GCST90200696_build GRCh38.tsv.gz	XnIA A5	37.452 19544
3250 68	3250 68	rs7609 407	2	73273 000	G	A	3.23E-0 9	0.1484 91	-0.1311 11	0.0221 496	GCST90200697_build GRCh38.tsv.gz	jSIVm Y	35.038 57895
3256 12	3256 12	rs1017 8409	2	73628 380	T	G	2.40E-3 03	0.2328 5	0.64035 9	0.0170 879	GCST90200697_build GRCh38.tsv.gz	jSIVm Y	1404.3 31534

3261 13	3261 13	rs1078 6400	10	98167 102	G	A	4.79E-1 8	0.3197 96	-0.1457 85	0.0168 376	GCST90200697_build GRCh38.tsv.gz	jSIVm Y	74.966 16704
3263 44	3263 44	rs1088 3082	10	98366 538	T	C	5.00E-3 07	0.6004 77	0.91681 4	0.0125 819	GCST90200697_build GRCh38.tsv.gz	jSIVm Y	5309.7 00376
3267 70	3267 70	rs1925 647	10	98490 429	C	A	1.04E-1 1	0.2725 81	0.12130 5	0.0178 373	GCST90200697_build GRCh38.tsv.gz	jSIVm Y	46.248 66181
3267 80	3267 80	rs1138 51727	10	98597 020	A	T	4.01E-2 0	0.0452 815	-0.3495 16	0.0380 414	GCST90200697_build GRCh38.tsv.gz	jSIVm Y	84.415 29452
3270 09	3270 09	rs6584 281	10	99526 723	G	A	1.10E-1 0	0.5092 02	-0.1011 89	0.0156 823	GCST90200697_build GRCh38.tsv.gz	jSIVm Y	41.633 89982
3270 46	3270 46	rs1189 8850	2	72972 490	A	C	2.03E-1 3	0.4384 82	-0.1159 36	0.0157 804	GCST90200698_build GRCh38.tsv.gz	HeoG 7b	53.975 98914
3274 46	3274 46	rs1341 7094	2	73277 974	T	C	2.88E-2 3	0.1351 57	-0.2259 36	0.0227 377	GCST90200698_build GRCh38.tsv.gz	HeoG 7b	98.736 51791
3274 88	3274 88	rs5896 2779	2	73328 673	C	T	1.00E-3 07	0.3091 81	0.60116 7	0.0156 522	GCST90200698_build GRCh38.tsv.gz	HeoG 7b	1475.1 61225
3287 66	3287 66	rs1088 3082	10	98366 538	T	C	5.00E-3 07	0.5956 51	0.85026 6	0.0132 246	GCST90200698_build GRCh38.tsv.gz	HeoG 7b	4133.7 53125
3290 96	3290 96	rs6187 3921	10	98439 231	T	G	4.61E-0 9	0.3050 77	0.10184 3	0.0173 775	GCST90200698_build GRCh38.tsv.gz	HeoG 7b	34.346 91801
3292 00	3292 00	rs1138 51727	10	98597 020	A	T	8.26E-1 5	0.0456 354	-0.2942 97	0.0379 073	GCST90200698_build GRCh38.tsv.gz	HeoG 7b	60.273 43815
3293 94	3293 94	rs1193 3242	4	68267 260	A	G	7.29E-0 9	0.3068 05	-0.0973 593	0.0168 32	GCST90200699_build GRCh38.tsv.gz	wuAD Ri	33.456 72607
3295	3295	rs9559	4	68463	G	C	5.00E-3	0.3962	-0.6148	0.0147	GCST90200699_build	wuAD	1749.1

39	39	09		987			07	31	61	017	GRCh38.tsv.gz	Ri	1668
3298 05	3298 05	rs1454 244	4	68637 993	T	A	1.50E-1 3	0.6713 48	0.1236	0.0167 312	GCST90200699_build GRCh38.tsv.gz	wuAD Ri	54.573 6197
3307 06	3307 06	rs4762 697	12	21162 039	T	A	1.42E-2 1	0.7152 12	0.16213 8	0.0169 946	GCST90200699_build GRCh38.tsv.gz	wuAD Ri	91.022 28402
3307 48	3307 48	rs4149 056	12	21178 615	C	T	8.40E-7 7	0.1568 79	0.37933 6	0.0204 512	GCST90200699_build GRCh38.tsv.gz	wuAD Ri	344.04 12596
3313 58	3313 58	rs2328 895	6	25801 855	T	C	1.71E-2 7	0.5553 91	-0.1638 92	0.0150 858	GCST90200700_build GRCh38.tsv.gz	iX1S mZ	118.02 6307
3316 17	3316 17	rs6034 24	10	10031 5722	A	G	3.90E-2 2	0.1751 79	-0.1913 26	0.0197 781	GCST90200700_build GRCh38.tsv.gz	iX1S mZ	93.579 09634
3321 13	3321 13	rs2242 610	14	73252 171	G	A	2.53E-1 0	0.3518 66	-0.1006 6	0.0159 149	GCST90200700_build GRCh38.tsv.gz	iX1S mZ	40.004 23998
3326 42	3326 42	rs5823 1493	14	73565 418	T	C	5.00E-3 07	0.4139 62	-0.6551 52	0.0139 857	GCST90200700_build GRCh38.tsv.gz	iX1S mZ	2194.3 99653
3326 97	3326 97	rs2841 0246	14	73579 515	C	T	4.15E-1 5	0.3888 26	0.12092 7	0.0154 038	GCST90200700_build GRCh38.tsv.gz	iX1S mZ	61.629 80809
3332 04	3332 04	rs6705 993	2	23330 2980	A	G	1.23E-1 1	0.5738 69	-0.1015 5	0.0149 861	GCST90200701_build GRCh38.tsv.gz	7GcW hz	45.917 96186
3336 57	3336 57	rs2889 9170	2	23369 5584	A	C	5.00E-3 07	0.3087 16	0.57942 1	0.0148 296	GCST90200701_build GRCh38.tsv.gz	7GcW hz	1526.6 15223
3339 51	3339 51	rs6705 993	2	23330 2980	A	G	6.16E-1 1	0.5737 38	-0.0979 45	0.0149 766	GCST90200702_build GRCh38.tsv.gz	uTEM a9	42.769 88473
3344 21	3344 21	rs1786 3787	2	23370 2448	G	T	5.00E-3 07	0.3111 11	0.57500 3	0.0148 422	GCST90200702_build GRCh38.tsv.gz	uTEM a9	1500.8 72023

3346 97	3346 97	rs6759 896	2	23330 2326	A	G	4.22E-1 0	0.5641 1	-0.0936 373	0.0149 921	GCST90200703_build GRCh38.tsv.gz	P3gWl x	39.009 7192
3353 07	3353 07	rs8878 29	2	23375 9924	T	C	5.00E-3 07	0.3240 97	0.59538 5	0.0145 449	GCST90200703_build GRCh38.tsv.gz	P3gWl x	1675.6 15227
3354 00	3354 00	rs6798 1690	12	21190 952	G	A	1.52E-0 8	0.1318 49	0.12495 4	0.0220 777	GCST90200703_build GRCh38.tsv.gz	P3gWl x	32.032 63544
3354 69	3354 69	rs3489 1595	2	23334 4951	C	A	9.26E-1 5	0.4095 77	-0.1173 5	0.0151 439	GCST90200704_build GRCh38.tsv.gz	EnoU Br	60.046 918
3358 34	3358 34	rs2741 044	2	23367 0722	A	G	5.00E-3 07	0.2928 2	0.64112 7	0.0149 975	GCST90200704_build GRCh38.tsv.gz	EnoU Br	1827.4 70573
3362 56	3362 56	rs6798 1690	12	21190 952	G	A	1.79E-1 3	0.1314 76	0.16335 8	0.0221 853	GCST90200704_build GRCh38.tsv.gz	EnoU Br	54.218 83775
3363 60	3363 60	rs1208 0335	1	21928 6645	C	T	2.00E-1 5	0.1113 58	0.19079 6	0.0240 265	GCST90200705_build GRCh38.tsv.gz	950qk J	63.060 51451
3364 31	3364 31	rs2033 26	12	11976 5917	C	T	3.20E-1 4	0.7741 1	0.1369	0.0180 369	GCST90200705_build GRCh38.tsv.gz	950qk J	57.608 04025
3365 85	3365 85	rs1486 62934	12	12045 0959	C	T	9.83E-2 7	0.1207 77	-0.2487 34	0.0232 391	GCST90200705_build GRCh38.tsv.gz	950qk J	114.55 96554
3366 55	3366 55	rs3473 7694	12	12060 7251	T	C	5.00E-3 07	0.1713 1	0.74342 7	0.0186 286	GCST90200705_build GRCh38.tsv.gz	950qk J	1592.6 34887
3368 14	3368 14	rs5416 19	12	12065 9184	G	A	1.54E-8 1	0.2795 23	0.32404 5	0.0169 429	GCST90200705_build GRCh38.tsv.gz	950qk J	365.79 28012
3383 25	3383 25	rs7853 5550	12	12166 9083	T	C	3.24E-0 9	0.0155 13	0.36177 3	0.0611 222	GCST90200705_build GRCh38.tsv.gz	950qk J	35.032 75947
3383	3383	rs1470	15	76193	A	G	1.51E-0	0.0220	0.29066	0.0513	GCST90200705_build	950qk	32.044

27	27	23777		480			8	859	5	468	GRCh38.tsv.gz	J	88475
3383	3383	rs7281	16	89075	T	C	5.09E-1	0.0430	0.32449	0.0375	GCST90200705_build	950qk	74.845
46	46	7412		082			8	811	8	085	GRCh38.tsv.gz	J	32103
3383	3383	rs8182	16	89114	T	C	1.88E-1	0.1377	-0.1414	0.0221	GCST90200705_build	950qk	40.587
76	76	228		287			0	14	27	992	GRCh38.tsv.gz	J	28586
3386	3386	rs6759	2	23330	A	G	1.12E-1	0.5642	-0.0941	0.0145	GCST90200706_build	S8lN	41.596
56	56	896		2326			0	23	297	948	GRCh38.tsv.gz	mA	52521
3393	3393	rs8878	2	23375	T	C	5.00E-3	0.3234	0.58601	0.0141	GCST90200706_build	S8lN	1715.9
13	13	29		9924			07	4	2	468	GRCh38.tsv.gz	mA	18242
3394	3394	rs1871	12	21199	G	A	2.73E-1	0.1563	0.15705	0.0198	GCST90200706_build	S8lN	62.455
14	14	395		381			5	72	5	732	GRCh38.tsv.gz	mA	10285
3395	3395	rs4646	1	75751	A	G	1.25E-0	0.3081	0.09080	0.0159	GCST90200707_build	Oblt7n	32.403
10	10	961		484			8	59	53	521	GRCh38.tsv.gz		10799
3396	3396	rs1047	2	21067	A	C	5.00E-3	0.3081	0.57447	0.0149	GCST90200707_build	Oblt7n	1484.1
55	55	891		5783			07	22	5	118	GRCh38.tsv.gz		648
3405	3405	rs1992	3	12619	C	T	2.51E-0	0.4247	0.08493	0.0152	GCST90200707_build	Oblt7n	31.054
30	30	855		0826			8	84	93	422	GRCh38.tsv.gz		32139
3405	3405	rs1324	7	56023	G	C	4.87E-0	0.7539	0.09457	0.0173	GCST90200707_build	Oblt7n	29.768
32	32	1866		185			8	09	22	335	GRCh38.tsv.gz		32883
3405	3405	rs2297	9	65405	C	T	1.25E-1	0.2911	-0.1202	0.0162	GCST90200707_build	Oblt7n	54.927
39	39	442		40			3	26	26	22	GRCh38.tsv.gz		26846
3409	3409	rs1016	2	73650	A	G	7.17E-1	0.2253	-0.1261	0.0184	GCST90200708_build	wl64x	46.981
25	25	8931		092			2	42	65	067	GRCh38.tsv.gz	Q	39586
3411	3411	rs3737	5	35039	T	C	1.42E-1	0.9018	0.16650	0.0259	GCST90200708_build	wl64x	41.139
05	05	0		381			0	3	3	592	GRCh38.tsv.gz	Q	73756

3411 16	3411 16	rs6621 38	6	16014 3444	G	C	2.48E-0 9	0.1746 14	-0.1218 75	0.0204 404	GCST90200708_build GRCh38.tsv.gz	wl64x Q	35.550 88994
3413 18	3413 18	rs1125 3048	10	52191 96	G	A	9.77E-1 6	0.1752 96	0.16402 7	0.0204 275	GCST90200708_build GRCh38.tsv.gz	wl64x Q	64.476 32049
3415 89	3415 89	rs4917 820	10	98348 779	T	C	5.00E-3 07	0.6288 3	0.60414 9	0.0148 988	GCST90200708_build GRCh38.tsv.gz	wl64x Q	1644.3 16979
3420 81	3420 81	rs1151 7049	10	98449 905	T	G	7.90E-2 4	0.0413 911	0.38797 1	0.0385 471	GCST90200708_build GRCh38.tsv.gz	wl64x Q	101.30 13207
3421 69	3421 69	rs1118 9713	10	98605 856	T	C	2.06E-1 3	0.0331 255	-0.3164 63	0.0430 867	GCST90200708_build GRCh38.tsv.gz	wl64x Q	53.946 02084
3423 88	3423 88	rs1016 4318	19	32968 392	G	T	1.55E-1 3	0.6729 36	0.12188 5	0.0165 096	GCST90200708_build GRCh38.tsv.gz	wl64x Q	54.503 88016
3423 91	3423 91	rs1575 72	5	13229 0419	G	C	2.66E-0 8	0.7139 06	0.09597 73	0.0172 536	GCST90200709_build GRCh38.tsv.gz	MGY P36	30.944 0822
3424 32	3424 32	rs1177 442	6	25808 841	G	A	3.99E-1 1	0.5556 98	-0.1028 16	0.0155 677	GCST90200709_build GRCh38.tsv.gz	MGY P36	43.618 67812
3425 87	3425 87	rs1178 11161	6	16013 3109	T	C	5.98E-1 0	0.0136 263	-0.4124 52	0.0666 214	GCST90200709_build GRCh38.tsv.gz	MGY P36	38.328 2789
3426 61	3426 61	rs5202 66	6	16020 7244	C	T	5.00E-3 07	0.9046 97	0.97314 3	0.0245 306	GCST90200709_build GRCh38.tsv.gz	MGY P36	1573.7 54498
3435 49	3435 49	rs1171 615	10	59709 332	T	C	5.68E-5 2	0.7699 76	-0.2815 61	0.0185 617	GCST90200709_build GRCh38.tsv.gz	MGY P36	230.09 62282
3435 86	3435 86	rs7659 6883	1	75619 841	C	T	1.94E-0 8	0.0355 158	-0.2305 07	0.0410 357	GCST90200710_build GRCh38.tsv.gz	8zmDt 0	31.553 28242
3437	3437	rs1683	1	15195	G	A	4.51E-4	0.3168	0.2386	0.0162	GCST90200710_build	8zmDt	216.79

09	09	3670		0037			9	48		047	GRCh38.tsv.gz	0	98054
3443	3443	rs3738	2	21000	C	T	5.00E-3	0.3584	0.58636	0.0145	GCST90200710_build	8zmDt	1614.6
41	41	934		9522			07	3	9	924	GRCh38.tsv.gz	0	87758
3448	3448	rs1119	2	21061	G	A	5.22E-0	0.0167		0.0595	GCST90200710_build	8zmDt	34.104
60	60	73496		2653			9	343	0.34781	572	GRCh38.tsv.gz	0	80614
3448	3448	rs7142	2	21065	T	C	2.05E-0	0.0901	-0.1592	0.0265	GCST90200710_build	8zmDt	35.923
63	63	2705		1780			9	549	6	717	GRCh38.tsv.gz	0	1773
3449	3449	rs6231	4	68328	T	C	5.54E-1	0.2624	-0.1137	0.0173	GCST90200711_build	VdM3	42.977
26	26	6045		036			1	56	32	486	GRCh38.tsv.gz	D9	03847
3450	3450	rs2603	4	68474	G	A	5.00E-3	0.3984	-0.5785	0.0144	GCST90200711_build	VdM3	1595.7
99	99	187		782			07	01	84	839	GRCh38.tsv.gz	D9	38796
3453	3453	rs1387	4	68654	A	G	1.95E-2	0.0135	-0.7120	0.0656	GCST90200711_build	VdM3	117.76
61	61	62595		157			7	251	47	138	GRCh38.tsv.gz	D9	79027
3455	3455	rs2331	4	68978	G	A	4.10E-1	0.2224	0.13998	0.0185	GCST90200711_build	VdM3	57.118
58	58	568		869			4	99	5	223	GRCh38.tsv.gz	D9	02407
3466	3466	rs2762	6	25794	G	A	6.67E-1	0.5546	-0.3342	0.0148	GCST90200711_build	VdM3	505.30
66	66	353		203			12	57	82	709	GRCh38.tsv.gz	D9	25354
3477	3477	rs3811	1	24787	T	C	5.86E-0	0.3493		0.0172	GCST90200713_build	tdk67J	33.880
75	75	444		6149			9	22	0.1005	66	GRCh38.tsv.gz		40946
3477	3477	rs1120	16	48127	C	T	3.68E-0		-0.1616	0.0293	GCST90200716_build	sPCc	30.311
77	77	36394		86			8	0.1452	06	531	GRCh38.tsv.gz	W2	47105
3477	3477	rs7266	4	86455	T	C	2.36E-0	0.1233	-0.1755	0.0314	GCST90200717_build	RO0V	31.169
78	78	3992		369			8	13	96	52	GRCh38.tsv.gz	np	70581
3477	3477	rs7545	13	67171	G	A	5.37E-0	0.0425	0.22332	0.0382	GCST90200718_build	uEfY	34.050
88	88	9113		782			9	222	5	717	GRCh38.tsv.gz	mv	16164

3481 25	3481 25	rs1221 3779	6	14976 7816	C	T	3.81E-2 3	0.3595 97	0.16932 5	0.0170 883	GCST90200722_build GRCh38.tsv.gz	G5axF C	98.184 84275
3486 71	3486 71	rs9688 867	6	14977 0776	G	A	1.41E-1 8	0.3597 23	0.15440 1	0.0175 517	GCST90200723_build GRCh38.tsv.gz	ezPei w	77.385 90096
3489 21	3489 21	rs7804 178	7	48082 596	C	A	1.10E-0 9	0.4318 44	-0.1038 3	0.0170 377	GCST90200723_build GRCh38.tsv.gz	ezPei w	37.138 45
3489 39	3489 39	rs1166 7953	19	53711 836	A	T	1.40E-0 8	0.5644 19	0.09975 3	0.0175 844	GCST90200723_build GRCh38.tsv.gz	ezPei w	32.180 799
3489 71	3489 71	rs1318 05	22	50525 724	C	T	3.05E-5 6	0.7730 51	0.31945	0.0202 167	GCST90200723_build GRCh38.tsv.gz	ezPei w	249.68 08602
3490 60	3490 60	rs1047 891	2	21067 5783	A	C	1.02E-0 9	0.3130 5	-0.1355 05	0.0221 91	GCST90200725_build GRCh38.tsv.gz	djbmg 6	37.286 95291
3491 22	3491 22	rs4725 950	7	15082 4227	T	C	2.42E-2 4	0.3398 04	0.16439	0.0161 473	GCST90200726_build GRCh38.tsv.gz	fRoiG A	103.64 56221
3492 15	3492 15	rs4725 969	7	15086 1427	T	C	7.45E-1 3	0.3325 59	-0.1180 88	0.0164 674	GCST90200726_build GRCh38.tsv.gz	fRoiG A	51.423 48016
3497 31	3497 31	rs4921 913	8	18414 867	T	C	3.37E-2 19	0.7765 93	-0.5490 75	0.0173 742	GCST90200726_build GRCh38.tsv.gz	fRoiG A	998.74 29058
3499 90	3499 90	rs4838 735	10	13338 2797	A	C	1.17E-2 6	0.714	0.18188 1	0.0170 181	GCST90200726_build GRCh38.tsv.gz	fRoiG A	114.22 27269
3500 51	3500 51	rs1483 81953	22	50123 655	G	A	6.03E-0 9	0.0188 76	-0.3275 42	0.0563 188	GCST90200726_build GRCh38.tsv.gz	fRoiG A	33.824 17463
3500 60	3500 60	rs5292 67527	15	58752 261	G	A	4.63E-0 8	0.0061 6979	-0.5373 06	0.0983 162	GCST90200729_build GRCh38.tsv.gz	qaxN9 M	29.867 11071
3500	3500	rs1846	12	65305	T	C	3.94E-0	0.0024	-1.1463	0.2086	GCST90200731_build	4CCJl	30.177

62	62	61503		170			8	0175		68	GRCh38.tsv.gz	h	61251
350200	350200	rs2608900	6	131522043	A	T	4.43E-13	0.218046	0.13504	0.0186471	GCST90200735_build GRCh38.tsv.gz	Aoq1 MY	52.444 7789
350286	350286	rs17788484	6	131573218	T	C	3.65E-31	0.0193313	-0.638151	0.0549643	GCST90200735_build GRCh38.tsv.gz	Aoq1 MY	134.79 86384
350355	350355	rs17157859	10	45493961	C	T	2.65E-08	0.0545576	-0.185952	0.0334255	GCST90200735_build GRCh38.tsv.gz	Aoq1 MY	30.948 94738
350403	350403	rs2182168	10	98388596	G	C	3.21E-08	0.352905	0.0879106	0.0158989	GCST90200735_build GRCh38.tsv.gz	Aoq1 MY	30.573 72345
350419	350419	rs791210	12	120749754	C	T	8.79E-10	0.651716	-0.0986996	0.016101	GCST90200735_build GRCh38.tsv.gz	Aoq1 MY	37.577 25788
350497	350497	rs1799918	19	12891586	C	G	3.47E-12	0.365488	-0.109459	0.0157333	GCST90200735_build GRCh38.tsv.gz	Aoq1 MY	48.401 99971
350533	350533	rs1354034	3	56815721	C	T	2.47E-10	0.623362	-0.134587	0.0212655	GCST90200738_build GRCh38.tsv.gz	2KHg NL	40.054 8425
350544	350544	rs2540644	22	18973294	C	T	1.68E-17	0.0939738	-0.220548	0.0259036	GCST90200739_build GRCh38.tsv.gz	KphU hY	72.491 31823
350678	350678	rs174564	11	61820833	G	A	2.81E-178	0.345621	-0.441216	0.0154979	GCST90200740_build GRCh38.tsv.gz	HkW K6	810.50 70514
350891	350891	rs12928099	16	15056648	A	C	6.16E-09	0.290632	0.0984964	0.0169457	GCST90200740_build GRCh38.tsv.gz	HkW K6	33.784 82611
350896	350896	rs1354034	3	56815721	C	T	1.02E-19	0.608645	0.137277	0.0151076	GCST90200742_build GRCh38.tsv.gz	wkKp Kr	82.566 63859
350984	350984	rs2246012	6	131577068	C	T	1.45E-16	0.159638	0.170614	0.0206533	GCST90200743_build GRCh38.tsv.gz	wCw HDL	68.241 79207

3510 12	3510 12	rs5633 5308	8	17561 952	A	G	3.24E-1 1	0.0254 123	-0.3243 71	0.0488 857	GCST90200743_build GRCh38.tsv.gz	wCw HDL	44.027 12867
3510 27	3510 27	rs1615 006	9	13045 2448	A	G	3.79E-1 0	0.6793 98	0.10283 3	0.0164 202	GCST90200743_build GRCh38.tsv.gz	wCw HDL	39.220 04852
3510 34	3510 34	rs7096 654	10	98374 279	T	C	8.84E-1 0	0.5923 96	-0.0960 709	0.0156 746	GCST90200743_build GRCh38.tsv.gz	wCw HDL	37.565 63935
3510 87	3510 87	rs6235 4638	5	36638 487	A	G	4.38E-0 8	0.0312 194	0.23477 5	0.0428 842	GCST90200744_build GRCh38.tsv.gz	pAdo Al	29.971 541
3510 89	3510 89	rs1354 034	3	56815 721	C	T	7.62E-1 7	0.6076 64	0.12752 4	0.0152 962	GCST90200748_build GRCh38.tsv.gz	89wPp q	69.505 11182
3511 03	3511 03	rs2271 101	4	17743 8565	G	A	5.96E-0 9	0.4723 68	-0.0876 644	0.0150 678	GCST90200748_build GRCh38.tsv.gz	89wPp q	33.849 07736
3511 65	3511 65	rs1745 64	11	61820 833	G	A	4.84E-5 9	0.3456 79	-0.2549 12	0.0157 329	GCST90200749_build GRCh38.tsv.gz	FvBkS k	262.52 03631
3513 26	3513 26	rs1354 034	3	56815 721	C	T	2.55E-2 0	0.6085 92	0.14334 7	0.0155 2	GCST90200750_build GRCh38.tsv.gz	DOgh sr	85.308 79016
3513 38	3513 38	rs1313 3517	4	17744 0833	C	T	4.96E-0 8	0.3402 62	-0.0872 374	0.0159 992	GCST90200750_build GRCh38.tsv.gz	DOgh sr	29.730 95724
3513 39	3513 39	rs6235 4638	5	36638 487	A	G	3.17E-0 8	0.0319 501	-0.2395 14	0.0432 969	GCST90200750_build GRCh38.tsv.gz	DOgh sr	30.601 88666
3513 58	3513 58	rs2282 377	14	10410 5483	G	C	9.18E-3 9	0.1301 6	-0.2898 48	0.0222 584	GCST90200750_build GRCh38.tsv.gz	DOgh sr	169.57 14487
3514 06	3514 06	rs1354 034	3	56815 721	C	T	1.88E-2 1	0.6091 44	0.14665 9	0.0154 194	GCST90200753_build GRCh38.tsv.gz	pxUW ge	90.465 39615
3514	3514	rs1354	3	56815	C	T	6.22E-1	0.6105	0.12981	0.0160	GCST90200754_build	z7IcA	65.365

22	22	034		721			6	75	1	56	GRCh38.tsv.gz	x	45252
3514 39	3514 39	rs5893 2608	11	26560 2	G	A	1.73E-0 8	0.2417 82	0.10252 4	0.0181 866	GCST90200754_build GRCh38.tsv.gz	z7IcA x	31.779 57274
3514 49	3514 49	rs1047 891	2	21067 5783	A	C	4.81E-8 1	0.3070 08	0.31018 6	0.0162 688	GCST90200756_build GRCh38.tsv.gz	zhLkB 7	363.52 42142
3520 02	3520 02	rs1047 891	2	21067 5783	A	C	6.78E-1 95	0.3047 78	0.45942	0.0154 264	GCST90200757_build GRCh38.tsv.gz	4Z6YI Y	886.93 26008
3526 75	3526 75	rs6626 02	1	11972 4280	G	C	9.64E-1 8	0.6736 98	-0.1411 62	0.0164 56	GCST90200758_build GRCh38.tsv.gz	pVmL Gi	73.584 61947
3527 85	3527 85	rs1047 891	2	21067 5783	A	C	1.58E-1 79	0.3065 88	0.45384 8	0.0158 854	GCST90200758_build GRCh38.tsv.gz	pVmL Gi	816.25 25329
3534 94	3534 94	rs1992 855	3	12619 0826	C	T	3.45E-1 5	0.4235 07	0.12321 7	0.0156 499	GCST90200758_build GRCh38.tsv.gz	pVmL Gi	61.989 49919
3535 52	3535 52	rs5471 35094	8	18356 025	G	T	4.46E-0 8	0.0495 724	-0.1956 26	0.0357 522	GCST90200759_build GRCh38.tsv.gz	T8EB Sa	29.939 71125
3537 41	3537 41	rs3213 737	12	95986 028	A	G	1.59E-7 4	0.5674 8	-0.2819 44	0.0154 369	GCST90200759_build GRCh38.tsv.gz	T8EB Sa	333.58 42459
3538 28	3538 28	rs4710 080	6	16668 8754	T	C	1.22E-0 8	0.1120 18	0.13844	0.0243 021	GCST90200760_build GRCh38.tsv.gz	CcyUt g	32.451 55964
3538 33	3538 33	rs1116 1609	1	85397 053	T	G	1.73E-0 8	0.5660 98	0.08809 75	0.0156 275	GCST90200761_build GRCh38.tsv.gz	YLkT 2x	31.779 58002
3538 70	3538 70	rs7580 046	2	21049 0648	A	G	2.11E-0 9	0.5271 59	0.09219 57	0.0153 932	GCST90200761_build GRCh38.tsv.gz	YLkT 2x	35.872 65394
3539 06	3539 06	rs3736 9	5	35037 010	T	C	1.33E-1 1	0.0825 538	-0.1881 03	0.0278 055	GCST90200761_build GRCh38.tsv.gz	YLkT 2x	45.764 63744

3539 20	3539 20	rs1090 1047	9	13044 8288	C	T	2.68E-1 3	0.4168 43	0.11736 8	0.0160 564	GCST90200761_build GRCh38.tsv.gz	YLkT 2x	53.432 19932
3540 21	3540 21	rs5842 3714	1	18313 5750	C	A	2.30E-1 4	0.0131 707	-0.4869 01	0.0637 928	GCST90200763_build GRCh38.tsv.gz	Tv9q Ol	58.255 64347
3540 81	3540 81	rs5325 45	1	20588 679	T	C	1.17E-1 6	0.3336 21	0.13369 8	0.0161 346	GCST90200764_build GRCh38.tsv.gz	cpBg1 O	68.664 68233
3541 05	3541 05	rs1405 21	22	50539 595	A	C	1.05E-1 4	0.6859 24	0.12661 7	0.0163 741	GCST90200764_build GRCh38.tsv.gz	cpBg1 O	59.795 5909
3541 14	3541 14	rs1256 335	1	21563 893	A	G	9.52E-0 9	0.7848 37	-0.1079 67	0.0188 124	GCST90200766_build GRCh38.tsv.gz	kyFml B	32.937 72957
3541 18	3541 18	rs6673 1853	1	20589 745	A	G	7.38E-1 0	0.3174 47	0.09982 69	0.0162 117	GCST90200768_build GRCh38.tsv.gz	T6FFc g	37.917 35658
3541 62	3541 62	rs1318 05	22	50525 724	C	T	1.29E-5 7	0.7710 87	0.28522 9	0.0178 276	GCST90200768_build GRCh38.tsv.gz	T6FFc g	255.97 73839
3544 68	3544 68	rs1260 326	2	27508 073	C	T	5.25E-4 9	0.5883	-0.2233 97	0.0151 827	GCST90200769_build GRCh38.tsv.gz	GtAuh w	216.49 93774
3547 15	3547 15	rs1045 7236	6	11122 8992	A	G	1.84E-2 4	0.1508 35	-0.2217 08	0.0217 209	GCST90200770_build GRCh38.tsv.gz	jlntvs	104.18 54558
3550 30	3550 30	rs2885 4495	12	10286 0510	G	T	1.08E-1 0	0.5982 58	-0.1032 04	0.0159 861	GCST90200770_build GRCh38.tsv.gz	jlntvs	41.678 10932
3550 53	3550 53	rs1508 51429	16	71591 928	C	G	2.05E-1 8	0.0151 367	-0.5541 76	0.0633 036	GCST90200770_build GRCh38.tsv.gz	jlntvs	76.637 02021
3551 00	3551 00	rs1777 451	1	10803 5560	A	G	2.36E-1 0	0.6053 67	0.10024 1	0.0158 207	GCST90200772_build GRCh38.tsv.gz	KktB Kv	40.145 73286
3551	3551	rs2186	17	67013	G	T	3.61E-0	0.4428	-0.0951	0.0161	GCST90200772_build	KktB	34.821

05	05	71		89			9	05	987	328	GRCh38.tsv.gz	Kv	10398
3551 35	3551 35	rs7625 23	22	19193 077	G	A	6.60E-1 0	0.6233 88	0.09722 32	0.0157 438	GCST90200772_build GRCh38.tsv.gz	KktB Kv	38.134 73163
3551 87	3551 87	rs5619 31	1	11971 1883	G	A	2.36E-1 3	0.5802 84	0.11386	0.0155 407	GCST90200773_build GRCh38.tsv.gz	zFaV6 o	53.678 60307
3551 95	3551 95	rs1047 891	2	21067 5783	A	C	5.17E-1 7	0.3092 27	0.13851 3	0.0165 234	GCST90200773_build GRCh38.tsv.gz	zFaV6 o	70.271 98774
3552 56	3552 56	rs6245 7261	7	56012 733	G	C	6.95E-1 4	0.5720 96	0.11632	0.0155 324	GCST90200773_build GRCh38.tsv.gz	zFaV6 o	56.083 05393
3553 36	3553 36	rs5325 45	1	20588 679	T	C	1.42E-1 4	0.3346 78	-0.1189 5	0.0154 587	GCST90200774_build GRCh38.tsv.gz	n58rR 7	59.208 34946
3553 67	3553 67	rs7459 020	7	48088 999	A	G	9.08E-1 2	0.5785 25	-0.1003 72	0.0147 165	GCST90200774_build GRCh38.tsv.gz	n58rR 7	46.517 47001
3553 95	3553 95	rs1317 85	22	50541 642	A	G	2.00E-1 1	0.6848 31	-0.1059 63	0.0158 008	GCST90200774_build GRCh38.tsv.gz	n58rR 7	44.972 8426
3554 26	3554 26	rs5619 31	1	11971 1883	G	A	6.12E-1 1	0.5804 65	0.10171 6	0.0155 511	GCST90200775_build GRCh38.tsv.gz	CQG Hb6	42.781 53058
3554 37	3554 37	rs7800 93	2	27519 736	C	T	2.08E-1 0	0.5969 49	0.09876 04	0.0155 401	GCST90200775_build GRCh38.tsv.gz	CQG Hb6	40.388 53144
3554 39	3554 39	rs1047 891	2	21067 5783	A	C	3.62E-1 4	0.3088 31	0.12522 5	0.0165 337	GCST90200775_build GRCh38.tsv.gz	CQG Hb6	57.364 33645
3554 44	3554 44	rs5924 3420	2	13582 6968	T	A	4.75E-0 8	0.1575 1	-0.1093 1	0.0200 189	GCST90200776_build GRCh38.tsv.gz	3T21 w0	29.815 31268
3554 46	3554 46	rs6235 4638	5	36638 487	A	G	1.42E-1 0	0.0320 654	-0.2682 3	0.0418 242	GCST90200776_build GRCh38.tsv.gz	3T21 w0	41.130 06671

3554 52	3554 52	rs7275 4971	15	84955 881	C	T	1.06E-1 0	0.0580 683	0.21624 4	0.0334 868	GCST90200777_build GRCh38.tsv.gz	hFDN YV	41.700 45904
3554 78	3554 78	rs1440 581	4	88305 270	C	T	4.31E-1 4	0.5309 9	-0.1173 87	0.0155 455	GCST90200778_build GRCh38.tsv.gz	Az4Y 98	57.020 44696
3555 75	3555 75	rs5842 3714	1	18313 5750	C	A	2.26E-1 4	0.0134 54	-0.4890 54	0.0640 541	GCST90200779_build GRCh38.tsv.gz	pJ6V mF	58.293 45064
3556 50	3556 50	rs7800 94	2	27518 370	C	T	6.96E-2 1	0.5964 45	0.14743	0.0157 268	GCST90200782_build GRCh38.tsv.gz	av5Il8	87.880 19328
3556 93	3556 93	rs8030 3896	19	35782 308	C	A	4.97E-0 8	0.0502 937	-0.1927 58	0.0353 531	GCST90200782_build GRCh38.tsv.gz	av5Il8	29.728 28253
3557 87	3557 87	rs2235 193	1	17113 9697	T	C	2.05E-2 9	0.2472 3	-0.2020 79	0.0179 454	GCST90200783_build GRCh38.tsv.gz	DgvB NI	126.80 49134
3558 56	3558 56	rs1260 326	2	27508 073	C	T	3.42E-1 7	0.5857 32	0.13269 5	0.0157 382	GCST90200783_build GRCh38.tsv.gz	DgvB NI	71.088 44223
3559 11	3559 11	rs6025 3740	2	13581 4282	T	G	3.96E-0 8	0.1577 02	-0.1110 43	0.0202 168	GCST90200784_build GRCh38.tsv.gz	HGDn OS	30.168 76578
3559 14	3559 14	rs6235 4638	5	36638 487	A	G	3.86E-0 9	0.0320 568	-0.2493 92	0.0423 424	GCST90200784_build GRCh38.tsv.gz	HGDn OS	34.690 78242
3559 74	3559 74	rs3935 209	8	14405 8338	G	T	3.59E-1 09	0.0850 128	0.59851 7	0.0269 626	GCST90200785_build GRCh38.tsv.gz	sm0D ce	492.75 31885
3561 79	3561 79	rs2657 910	12	56497 865	A	G	1.34E-0 8	0.1419 68	0.12703 9	0.0223 613	GCST90200785_build GRCh38.tsv.gz	sm0D ce	32.276 02452
3561 82	3561 82	rs1169 77794	16	80605 499	G	T	8.67E-0 9	0.0021 9272	0.92674 6	0.1610 37	GCST90200786_build GRCh38.tsv.gz	rnWlb A	33.118 45723
3561	3561	rs715	2	21067	C	T	4.01E-0	0.3070	0.09784	0.0166	GCST90200787_build	5vCbF	34.617

84	84			8331			9	19	14	294	GRCh38.tsv.gz	q	21752
3562 01	3562 01	rs2839 3117	7	97866 354	T	C	6.07E-1 2	0.7388 2	-0.1199 47	0.0174 394	GCST90200787_build GRCh38.tsv.gz	5vCbF q	47.305 94282
3562 16	3562 16	rs7104 825	11	62259 361	T	C	1.36E-1 8	0.1179 47	0.20619 3	0.0234 296	GCST90200787_build GRCh38.tsv.gz	5vCbF q	77.449 40514
3563 34	3563 34	rs2933 243	12	56466 793	A	G	1.37E-4 3	0.1949 99	-0.2632 1	0.0190 115	GCST90200787_build GRCh38.tsv.gz	5vCbF q	191.67 78823
3565 52	3565 52	rs2296 487	14	10352 9868	C	T	1.22E-1 2	0.2720 15	0.12111 3	0.0170 514	GCST90200787_build GRCh38.tsv.gz	5vCbF q	50.450 03117
3568 62	3568 62	rs2282 377	14	10410 5483	G	C	1.11E-2 32	0.1296 97	-0.6949 39	0.0213 372	GCST90200787_build GRCh38.tsv.gz	5vCbF q	1060.7 63369
3569 25	3569 25	rs1177 63903	14	10422 0756	T	C	2.07E-0 8	0.0180 303	-0.3215 35	0.0573 537	GCST90200787_build GRCh38.tsv.gz	5vCbF q	31.429 22177
3571 49	3571 49	rs3935 209	8	14405 8338	G	T	8.31E-1 98	0.0862 257	-0.7629 08	0.0254 256	GCST90200788_build GRCh38.tsv.gz	ONvF Id	900.33 0406
3574 31	3574 31	rs7220 915	17	66960 46	C	T	6.38E-1 0	0.1682 06	-0.1274 43	0.0206 194	GCST90200788_build GRCh38.tsv.gz	ONvF Id	38.201 45681
3574 38	3574 38	rs7614 9982	17	10808 360	A	C	1.46E-0 8	0.0806 452	0.17162 9	0.0302 893	GCST90200790_build GRCh38.tsv.gz	oA8ly G	32.107 23234
3574 39	3574 39	rs1047 891	2	21067 5783	A	C	9.47E-4 0	0.3096 83	0.19841 6	0.0150 381	GCST90200791_build GRCh38.tsv.gz	lQH4c l	174.08 74418
3576 09	3576 09	rs1171 614	10	59709 780	C	T	1.14E-1 4	0.7711 9	-0.1312 19	0.0169 924	GCST90200791_build GRCh38.tsv.gz	lQH4c l	59.632 63526
3577 34	3577 34	rs1346 267	15	45398 791	C	T	3.48E-1 4	0.3639 76	0.11078 6	0.0146 172	GCST90200791_build GRCh38.tsv.gz	lQH4c l	57.443 56514

3577 48	3577 48	rs1221 0538	6	11043 8805	G	A	1.35E-1 4	0.2381 92	0.13822 6	0.0179 483	GCST90200792_build GRCh38.tsv.gz	iVeB AY	59.310 6715
3577 71	3577 71	rs1171 616	10	59708 831	T	G	6.07E-1 7	0.7704 36	0.15661 1	0.0187 249	GCST90200792_build GRCh38.tsv.gz	iVeB AY	69.952 86581
3577 96	3577 96	rs5774 3625	12	21214 699	A	G	7.70E-1 7	0.1652 19	-0.1857 8	0.0222 872	GCST90200793_build GRCh38.tsv.gz	QbtiO Z	69.484 33355
3578 49	3578 49	rs5597 1546	13	10306 5958	T	C	1.71E-2 0	0.0483 504	-0.3635 78	0.0391 833	GCST90200793_build GRCh38.tsv.gz	QbtiO Z	86.098 02198
3579 41	3579 41	rs2121 00	19	47873 738	C	T	5.62E-1 9	0.8364 42	-0.2031 58	0.0228 284	GCST90200793_build GRCh38.tsv.gz	QbtiO Z	79.198 4916
3579 81	3579 81	rs1428 52294	3	12065 8018	G	A	4.33E-0 8	0.0496 426	0.20343	0.0371 444	GCST90200794_build GRCh38.tsv.gz	YINZ Rj	29.994 61578
3581 11	3581 11	rs1745 64	11	61820 833	G	A	4.04E-2 11	0.3347 36	0.49980 9	0.0161 18	GCST90200794_build GRCh38.tsv.gz	YINZ Rj	961.58 09291
3583 29	3583 29	rs9641 84	11	11677 8201	C	G	1.88E-0 8	0.8695 37	-0.1334 53	0.0237 338	GCST90200794_build GRCh38.tsv.gz	YINZ Rj	31.617 10675
3583 31	3583 31	rs1292 8099	16	15056 648	A	C	4.53E-0 9	0.2904 69	-0.1031 86	0.0175 973	GCST90200794_build GRCh38.tsv.gz	YINZ Rj	34.383 45218
3583 33	3583 33	rs7299 9033	19	19255 823	T	C	2.65E-0 8	0.0623 349	0.18598	0.0334 327	GCST90200794_build GRCh38.tsv.gz	YINZ Rj	30.944 93567
3583 34	3583 34	rs1065 853	19	44909 976	T	G	2.19E-0 8	0.0840 784	-0.1610 56	0.0287 772	GCST90200794_build GRCh38.tsv.gz	YINZ Rj	31.322 52375
3584 37	3584 37	rs1745 64	11	61820 833	G	A	9.40E-1 78	0.3366 02	0.46074 7	0.0162 081	GCST90200795_build GRCh38.tsv.gz	Yp4vS T	808.09 20184
3586	3586	rs1292	16	15056	A	C	1.91E-0	0.2897	-0.1056	0.0175	GCST90200795_build	Yp4vS	36.061

55	55	8099		648			9	2	11	868	GRCh38.tsv.gz	T	57246
3586 69	3586 69	rs6249 2368	7	15084 0547	A	G	1.02E-0 9	0.3006 17	0.10899 6	0.0178 509	GCST90200796_build GRCh38.tsv.gz	ftg4v m	37.282 14458
3586 76	3586 76	rs4838 735	10	13338 2797	A	C	9.92E-1 3	0.7143 86	0.13039 6	0.0182 841	GCST90200796_build GRCh38.tsv.gz	ftg4v m	50.860 58636
3586 90	3586 90	rs1402 83535	22	50168 985	T	G	2.79E-1 6	0.0184 497	-0.4945 26	0.0604 415	GCST90200796_build GRCh38.tsv.gz	ftg4v m	66.943 40399
3586 98	3586 98	rs3811 444	1	24787 6149	T	C	1.79E-0 8	0.3493 89	0.09571 15	0.0169 975	GCST90200797_build GRCh38.tsv.gz	q7l2Ql	31.707 2185
3589 91	3589 91	rs1495 741	8	18415 371	A	G	3.90E-7 5	0.7732 51	0.34682 6	0.0189 099	GCST90200797_build GRCh38.tsv.gz	q7l2Ql	336.39 13578
3590 57	3590 57	rs3582 36	4	22813 574	C	T	9.46E-1 1	0.8499 09	0.15619 4	0.0241 214	GCST90200798_build GRCh38.tsv.gz	iS3J0 D	41.929 88515
3590 72	3590 72	rs3558 3283	8	18396 999	C	G	1.38E-0 9	0.1548 16	0.14037 3	0.0231 726	GCST90200798_build GRCh38.tsv.gz	iS3J0 D	36.695 90757
3590 99	3590 99	rs3811 444	1	24787 6149	T	C	4.12E-1 0	0.3492 11	0.10712 1	0.0171 408	GCST90200800_build GRCh38.tsv.gz	raqgY w	39.055 93699
3591 00	3591 00	rs1047 891	2	21067 5783	A	C	8.93E-1 0	0.3100 04	-0.0975 934	0.0159 272	GCST90200801_build GRCh38.tsv.gz	kK7Jq d	37.545 85768
3591 13	3591 13	rs9471 975	6	42951 484	C	T	1.15E-0 9	0.5802 73	0.09033 49	0.0148 411	GCST90200801_build GRCh38.tsv.gz	kK7Jq d	37.049 21013
3591 55	3591 55	rs9322 188	6	14958 8355	T	C	3.40E-1 3	0.3068 99	-0.1147 51	0.0157 678	GCST90200801_build GRCh38.tsv.gz	kK7Jq d	52.962 77749
3595 45	3595 45	rs6621 38	6	16014 3444	G	C	7.16E-1 1	0.1753 65	-0.1259 1	0.0193 196	GCST90200801_build GRCh38.tsv.gz	kK7Jq d	42.474 10019

3595 53	3595 53	rs1260 326	2	27508 073	C	T	4.01E-1 0	0.5872 05	0.09829 38	0.0157 181	GCST90200802_build GRCh38.tsv.gz	CeOF GW	39.106 78873
3595 58	3595 58	rs9792 562	9	18307 172	C	T	3.66E-0 8	0.4516 76	-0.0865 692	0.0157 206	GCST90200802_build GRCh38.tsv.gz	CeOF GW	30.324 1456
3595 59	3595 59	rs3811 444	1	24787 6149	T	C	1.33E-0 9	0.3495 25	0.10174 3	0.0167 794	GCST90200803_build GRCh38.tsv.gz	wkcD Dn	36.766 83311
3595 60	3595 60	rs3811 444	1	24787 6149	T	C	1.49E-0 9	0.3496 7	0.10457 2	0.0172 967	GCST90200804_build GRCh38.tsv.gz	VBOv 0U	36.551 4258
3595 62	3595 62	rs3811 444	1	24787 6149	T	C	5.74E-1 0	0.3498 5	0.10623 7	0.0171 421	GCST90200805_build GRCh38.tsv.gz	93Gdy A	38.408 16405
3595 89	3595 89	rs1171 617	10	59707 424	T	G	5.87E-2 0	0.7688 79	-0.1809 31	0.0197 809	GCST90200805_build GRCh38.tsv.gz	93Gdy A	83.663 08451
3597 47	3597 47	rs2008 38	5	13237 4707	C	A	4.87E-1 3	0.5225 37	0.11837 9	0.0163 759	GCST90200806_build GRCh38.tsv.gz	rT9SI G	52.256 33879
3598 00	3598 00	rs1221 0538	6	11043 8805	G	A	1.78E-1 7	0.2416 19	-0.1608 14	0.0189 024	GCST90200806_build GRCh38.tsv.gz	rT9SI G	72.379 20533
3600 01	3600 01	rs2739 13	5	13232 5463	C	T	3.36E-3 2	0.6212 33	-0.1866 68	0.0158 025	GCST90200807_build GRCh38.tsv.gz	pyQJk y	139.53 66046
3602 02	3602 02	rs1221 0538	6	11043 8805	G	A	6.08E-3 1	0.2406 72	-0.2058 76	0.0177 99	GCST90200807_build GRCh38.tsv.gz	pyQJk y	133.78 89475
3602 27	3602 27	rs1171 615	10	59709 332	T	C	1.12E-1 2	0.7710 49	0.1335	0.0187 625	GCST90200807_build GRCh38.tsv.gz	pyQJk y	50.626 875
3602 29	3602 29	rs3811 444	1	24787 6149	T	C	2.28E-0 9	0.3493 07	0.10282 8	0.0172 056	GCST90200808_build GRCh38.tsv.gz	OkNB B3	35.717 67108
3602	3602	rs4843	16	87844	A	C	1.66E-1	0.2655	-0.1365	0.0171	GCST90200810_build	MoB7	63.432

78	78	270		466			5	98	58	459	GRCh38.tsv.gz	Y2	77665
3603 13	3603 13	rs6124 830	20	46608 139	C	T	1.14E-1 8	0.1910 77	0.17195 9	0.0194 958	GCST90200810_build GRCh38.tsv.gz	MoB7 Y2	77.797 86877
3603 23	3603 23	rs1138 67701	16	64529 200	G	C	2.08E-0 8	0.0136 095	-0.3897 55	0.0695 339	GCST90200811_build GRCh38.tsv.gz	7litba	31.418 84482
3603 24	3603 24	rs7614 9982	17	10808 360	A	C	9.60E-0 9	0.0805 337	0.17396 9	0.0303 202	GCST90200811_build GRCh38.tsv.gz	7litba	32.921 4997
3603 25	3603 25	rs2426 643	20	56717 423	G	A	4.15E-0 8	0.4782 18	0.08865 31	0.0161 648	GCST90200811_build GRCh38.tsv.gz	7litba	30.077 87719
3603 27	3603 27	rs6235 4638	5	36638 487	A	G	5.04E-1 0	0.0320 544	-0.2653 76	0.0426 79	GCST90200812_build GRCh38.tsv.gz	HvkR pQ	38.662 93482
3603 45	3603 45	rs1964 459	2	13600 7504	G	C	1.59E-0 8	0.1483 37	0.11846 9	0.0209 639	GCST90200813_build GRCh38.tsv.gz	CKxM A4	31.934 87984
3603 47	3603 47	rs6235 4638	5	36638 487	A	G	4.59E-0 9	0.0316 169	0.25016	0.0426 79	GCST90200813_build GRCh38.tsv.gz	CKxM A4	34.356 36962
3603 51	3603 51	rs6124 830	20	46608 139	C	T	4.66E-1 1	0.1911 15	0.13012 1	0.0197 714	GCST90200814_build GRCh38.tsv.gz	ZxXg ne	43.313 16695
3603 60	3603 60	rs1354 034	3	56815 721	C	T	4.91E-2 5	0.6091 55	-0.1569 1	0.0151 829	GCST90200816_build GRCh38.tsv.gz	W5D Ac8	106.80 50485
3603 79	3603 79	rs7112 236	11	26631 555	A	G	1.34E-0 8	0.7716 85	-0.0999 695	0.0175 993	GCST90200816_build GRCh38.tsv.gz	W5D Ac8	32.265 93475
3603 80	3603 80	rs7480 2261	17	78739 730	A	G	4.32E-0 8	0.0234 151	-0.3761 04	0.0686 687	GCST90200818_build GRCh38.tsv.gz	iwuOy d	29.998 41117
3603 82	3603 82	rs1047 891	2	21067 5783	A	C	1.26E-2 9	0.3123 9	-0.2501 51	0.0221 31	GCST90200821_build GRCh38.tsv.gz	9nsU6 v	127.76 22085

3604 87	3604 87	rs1164 02366	5	17736 3806	A	G	1.27E-0 9	0.0252 111	-0.2924 58	0.0481 717	GCST90200825_build GRCh38.tsv.gz	vIF42 H	36.858 959
3606 04	3606 04	rs1047 891	2	21067 5783	A	C	2.30E-2 40	0.3083 92	0.52140 7	0.0157 488	GCST90200826_build GRCh38.tsv.gz	rA9pb U	1096.1 21709
3614 17	3614 17	rs5593 3544	9	65340 80	T	C	1.69E-1 0	0.2478 07	-0.1140 08	0.0178 502	GCST90200826_build GRCh38.tsv.gz	rA9pb U	40.792 89065
3616 20	3616 20	rs4148 324	2	23376 4076	G	T	4.70E-4 3	0.3246 51	-0.2336 27	0.0169 838	GCST90200828_build GRCh38.tsv.gz	5PMR JI	189.22 40487
3618 02	3618 02	rs8878 29	2	23375 9924	T	C	1.45E-3 5	0.3190 18	0.21159 1	0.0169 995	GCST90200829_build GRCh38.tsv.gz	qiPJkt	154.92 52075
3618 21	3618 21	rs7614 9982	17	10808 360	A	C	2.87E-0 9	0.0804 645	0.17846 5	0.0300 516	GCST90200829_build GRCh38.tsv.gz	qiPJkt	35.267 19454
3618 34	3618 34	rs6177 8392	1	21575 445	A	G	4.90E-1 4	0.0677 431	0.21012 4	0.0278 879	GCST90200836_build GRCh38.tsv.gz	7jzafO	56.770 10458
3618 38	3618 38	rs6235 4638	5	36638 487	A	G	1.50E-0 8	0.0313 989	0.23288 6	0.0411 382	GCST90200838_build GRCh38.tsv.gz	rYo7t 4	32.047 65028
3618 39	3618 39	rs2706 762	2	70261 338	T	C	4.00E-0 9	0.1388 65	0.20190 5	0.0343 131	GCST90200840_build GRCh38.tsv.gz	d5rNR k	34.623 76059
3618 40	3618 40	rs5381 34402	2	21970 8868	T	C	2.97E-0 8	0.0019 8063	-1.2904 7	0.2328 08	GCST90200841_build GRCh38.tsv.gz	SWiSl g	30.725 57547
3618 85	3618 85	rs3397 2313	5	13937 9813	T	C	8.72E-1 3	0.0306 009	0.32228 7	0.0450 792	GCST90200842_build GRCh38.tsv.gz	kWKz rI	51.113 21224
3620 17	3620 17	rs2706 762	2	70261 338	T	C	2.87E-2 3	0.1413 2	0.24751 8	0.0249 084	GCST90200843_build GRCh38.tsv.gz	FNf4 Wb	98.746 54554
3620	3620	rs1354	3	56815	C	T	5.09E-2	0.6092	0.14635	0.0148	GCST90200844_build	awE8f	97.612

69	69	034		721			3	48	2	131	GRCh38.tsv.gz	j	49512
3621 24	3621 24	rs1086 0932	12	10286 1843	A	G	5.54E-1 0	0.2449 52	0.10786 5	0.0173 894	GCST90200846_build GRCh38.tsv.gz	PeHD vZ	38.476 17583
3621 45	3621 45	rs1213 2412	1	21493 549	G	A	5.40E-0 9	0.4002 51	0.08780 98	0.0150 502	GCST90200847_build GRCh38.tsv.gz	Bfhjaz	34.040 93133
3621 63	3621 63	rs4036 67	6	11158 9401	C	T	1.27E-0 8	0.1641 88	-0.1118 74	0.0196 636	GCST90200847_build GRCh38.tsv.gz	Bfhjaz	32.369 22269
3621 69	3621 69	rs1047 891	2	21067 5783	A	C	1.16E-7 1	0.3100 6	-0.2946 17	0.0164 582	GCST90200851_build GRCh38.tsv.gz	sxeL4 R	320.44 31075
3624 77	3624 77	rs4502 705	4	77083 515	A	G	2.29E-0 8	0.6373 14	0.08912 51	0.0159 475	GCST90200854_build GRCh38.tsv.gz	Uqruf R	31.233 0818
3625 70	3625 70	rs2246 012	6	13157 7068	C	T	2.42E-1 7	0.1602 1	0.17292 5	0.0204 12	GCST90200854_build GRCh38.tsv.gz	Uqruf R	71.770 24841
3626 26	3626 26	rs2182 168	10	98388 596	G	C	9.66E-1 6	0.3528 77	0.12629 4	0.0157 255	GCST90200854_build GRCh38.tsv.gz	Uqruf R	64.499 52422
3627 59	3627 59	rs1771 2208	1	21397 7102	A	T	4.09E-0 8	0.0298 005	-0.2453 97	0.0447 25	GCST90200855_build GRCh38.tsv.gz	hxjgG w	30.104 94234
3627 62	3627 62	rs1260 326	2	27508 073	C	T	1.38E-1 1	0.5880 85	-0.1040 84	0.0153 971	GCST90200855_build GRCh38.tsv.gz	hxjgG w	45.697 25228
3627 76	3627 76	rs1047 891	2	21067 5783	A	C	2.67E-0 9	0.3087 66	0.09758 68	0.0163 99	GCST90200855_build GRCh38.tsv.gz	hxjgG w	35.411 75269
3627 78	3627 78	rs1860 371	12	46791 488	C	G	1.39E-0 8	0.1246 49	0.12978 5	0.0228 689	GCST90200855_build GRCh38.tsv.gz	hxjgG w	32.207 60654
3627 84	3627 84	rs1213 2412	1	21493 549	G	A	1.01E-1 1	0.4000 75	0.10644 4	0.0156 417	GCST90200856_build GRCh38.tsv.gz	BmY8 V1	46.309 96667

3627 94	3627 94	rs2657 879	12	56471 554	G	A	7.92E-2 7	0.1951 62	0.20198 2	0.0188 36	GCST90200856_build GRCh38.tsv.gz	BmY8 V1	114.98 6796
3628 26	3628 26	rs1354 034	3	56815 721	C	T	1.68E-1 2	0.6091 32	-0.1071 46	0.0151 794	GCST90200857_build GRCh38.tsv.gz	BCksF w	49.824 47304
3628 27	3628 27	rs1046 6932	12	11639 7262	A	G	3.34E-0 8	0.1450 49	0.11669 3	0.0211 305	GCST90200857_build GRCh38.tsv.gz	BCksF w	30.497 9089
3629 35	3629 35	rs1045 7236	6	11122 8992	A	G	2.23E-1 8	0.1505 69	-0.1878 12	0.0214 766	GCST90200858_build GRCh38.tsv.gz	s4cCu n	76.474 31894
3632 10	3632 10	rs1508 51429	16	71591 928	C	G	2.46E-1 0	0.0151 589	-0.3958 62	0.0625 439	GCST90200858_build GRCh38.tsv.gz	s4cCu n	40.060 62417
3632 29	3632 29	rs2282 377	14	10410 5483	G	C	1.03E-2 4	0.1302 1	-0.2315 59	0.0225 607	GCST90200859_build GRCh38.tsv.gz	6FtYP t	105.34 60339
3632 69	3632 69	rs1047 891	2	21067 5783	A	C	1.62E-0 9	0.3094 25	-0.1008 59	0.0167 198	GCST90200860_build GRCh38.tsv.gz	6pdk1 U	36.388 75186
3632 71	3632 71	rs1266 9623	7	56071 486	C	G	3.19E-0 8	0.7029 64	-0.0931 5	0.0168 432	GCST90200860_build GRCh38.tsv.gz	6pdk1 U	30.585 56498
3632 76	3632 76	rs1213 2412	1	21493 549	G	A	2.02E-0 8	0.4003 61	-0.0882 164	0.0157 239	GCST90200861_build GRCh38.tsv.gz	93Jnr5	31.475 89699
3632 80	3632 80	rs5761 00058	13	68037 618	T	C	3.94E-0 8	0.0063 937	-0.5289 69	0.0962 894	GCST90200862_build GRCh38.tsv.gz	PPDrh E	30.178 90523
3633 85	3633 85	rs5619 31	1	11971 1883	G	A	2.94E-2 6	0.5819 33	-0.1662 32	0.0156 802	GCST90200863_build GRCh38.tsv.gz	nGuq BP	112.38 95842
3634 00	3634 00	rs1047 891	2	21067 5783	A	C	5.20E-2 8	0.3103 89	-0.1826 14	0.0166 433	GCST90200863_build GRCh38.tsv.gz	nGuq BP	120.38 96788
3635	3635	rs6951	7	56008	C	T	4.55E-1	0.7554	-0.1510	0.0179	GCST90200863_build	nGuq	70.524

38	38	810		905			7	76	77	899	GRCh38.tsv.gz	BP	3685
3636 06	3636 06	rs1402 97016	2	19227 8829	T	C	1.68E-0 8	0.0010 884	1.2724	0.2255 25	GCST90200864_build GRCh38.tsv.gz	ekEmt r	31.831 56109
3636 07	3636 07	rs4654 748	1	21459 575	T	C	1.47E-0 8	0.4838 46	0.08571 82	0.0151 308	GCST90200866_build GRCh38.tsv.gz	R9x70 x	32.093 88587
3636 20	3636 20	rs7292 3302	11	62431 582	T	C	6.74E-0 9	0.1377 61	0.12768 4	0.0220 246	GCST90200866_build GRCh38.tsv.gz	R9x70 x	33.609 10129
3637 22	3637 22	rs2282 377	14	10410 5483	G	C	3.62E-1 42	0.1299 12	-0.5495 38	0.0216 474	GCST90200866_build GRCh38.tsv.gz	R9x70 x	644.44 22028
3637 76	3637 76	rs1134 18909	14	94314 305	T	A	1.83E-0 9	0.0029 2732	-0.9193 24	0.1529 1	GCST90200873_build GRCh38.tsv.gz	w3D8 CS	36.146 43073
3638 24	3638 24	rs2583 41	16	89624 734	C	T	5.85E-2 7	0.5943 63	-0.1653 96	0.0153 841	GCST90200874_build GRCh38.tsv.gz	4G52u J	115.58 61547
3641 16	3641 16	rs1126 464	16	89637 957	C	G	4.59E-1 5	0.2224 71	0.14471 3	0.0184 64	GCST90200875_build GRCh38.tsv.gz	FvG21 p	61.427 59478
3642 46	3642 46	rs6235 4638	5	36638 487	A	G	6.15E-0 9	0.0316 085	0.24037 5	0.0413 539	GCST90200877_build GRCh38.tsv.gz	KQIV UQ	33.786 69007
3642 50	3642 50	rs1354 034	3	56815 721	C	T	2.58E-2 5	0.6097 41	0.15742 2	0.0151 422	GCST90200881_build GRCh38.tsv.gz	46zVu V	108.08 18812
3642 94	3642 94	rs2777 823	4	12906 9588	C	T	6.58E-1 2	0.6647 09	0.10644 5	0.0155 021	GCST90200881_build GRCh38.tsv.gz	46zVu V	47.148 67196
3643 51	3643 51	rs2076 007	6	16729 4271	T	C	5.25E-2 7	0.1093 49	-0.2510 63	0.0233 303	GCST90200881_build GRCh38.tsv.gz	46zVu V	115.80 43255
3643 82	3643 82	rs4665 972	2	27375 230	C	T	9.71E-3 5	0.5923 95	-0.1897 49	0.0154 338	GCST90200882_build GRCh38.tsv.gz	tKJhH x	151.15 17763

3645 97	3645 97	rs1354 034	3	56815 721	C	T	1.55E-1 7	0.6076 79	0.13257	0.0155 541	GCST90200882_build GRCh38.tsv.gz	tKJhH x	72.644 16547
3646 24	3646 24	rs4251 689	8	14451 5746	T	C	1.18E-0 8	0.4710 13	0.08705 15	0.0152 662	GCST90200882_build GRCh38.tsv.gz	tKJhH x	32.515 51391
3647 85	3647 85	rs1260 326	2	27508 073	C	T	1.63E-3 6	0.5867 55	0.19831 7	0.0157 142	GCST90200884_build GRCh38.tsv.gz	mxq1J 7	159.27 04972
3649 93	3649 93	rs5306 86	4	12911 8729	G	A	1.09E-2 1	0.6115 9	0.15043 5	0.0157 231	GCST90200884_build GRCh38.tsv.gz	mxq1J 7	91.542 21731
3650 86	3650 86	rs2076 007	6	16729 4271	T	C	7.78E-3 5	0.1092 38	-0.3010 51	0.0244 513	GCST90200884_build GRCh38.tsv.gz	mxq1J 7	151.59 1985
3651 10	3651 10	rs2997 922	9	12881 8465	T	C	6.22E-1 2	0.7082 87	0.11204 6	0.0162 986	GCST90200885_build GRCh38.tsv.gz	wpp7g K	47.259 82522
3651 42	3651 42	rs1473 206	16	58737 529	A	G	1.63E-0 9	0.5291 59	-0.0886 834	0.0147 046	GCST90200885_build GRCh38.tsv.gz	wpp7g K	36.372 92606
3651 93	3651 93	rs1084 0627	12	12186 9674	G	A	1.00E-1 5	0.8781 41	0.18914 7	0.0235 642	GCST90200886_build GRCh38.tsv.gz	U3ak No	64.430 79865
3652 61	3652 61	rs9989 237	14	94328 865	T	C	1.73E-1 1	0.2061 01	-0.1234 28	0.0183 487	GCST90200887_build GRCh38.tsv.gz	Z8qC En	45.249 81246
3652 91	3652 91	rs1154 510	12	12185 7429	C	T	3.38E-1 0	0.8785 7	0.15101 6	0.0240 458	GCST90200888_build GRCh38.tsv.gz	yVSW Pn	39.442 77521
3653 35	3653 35	rs8076 69	22	19167 009	C	T	8.16E-0 9	0.6117 2	-0.0939 196	0.0162 913	GCST90200888_build GRCh38.tsv.gz	yVSW Pn	33.235 40583
3653 38	3653 38	rs4731 512	7	12873 3480	A	G	3.95E-0 8	0.0565 515	-0.1912 06	0.0348 087	GCST90200890_build GRCh38.tsv.gz	7kmh VB	30.173 62054
3653	3653	rs1686	1	17110	T	G	5.08E-0	0.4173	0.08697	0.0148	GCST90200892_build	QqsEd	34.158

41	41	4042		9864			9	03	97	823	GRCh38.tsv.gz	O	25695
3654 02	3654 02	rs1982 203	4	13809 8202	T	C	5.03E-1 1	0.3269 88	-0.1019 12	0.0155 118	GCST90200892_build GRCh38.tsv.gz	QqsEd O	43.164 45443
3654 49	3654 49	rs1366 463	5	11571 3487	T	C	2.77E-0 8	0.5311 69	-0.0805 733	0.0145 036	GCST90200892_build GRCh38.tsv.gz	QqsEd O	30.862 46959
3654 50	3654 50	rs7304 8024	3	25507 759	A	G	4.18E-0 8	0.0656 597	-0.1669 4	0.0304 467	GCST90200895_build GRCh38.tsv.gz	DwQ D4m	30.063 55693
3655 27	3655 27	rs1595 693	4	13812 2498	C	T	8.33E-1 4	0.3262 26	-0.1205 62	0.0161 502	GCST90200895_build GRCh38.tsv.gz	DwQ D4m	55.726 92481
3655 73	3655 73	rs1366 463	5	11571 3487	T	C	1.81E-1 0	0.5297 72	-0.0965 77	0.0151 462	GCST90200895_build GRCh38.tsv.gz	DwQ D4m	40.657 4416
3655 86	3655 86	rs1126 464	16	89637 957	C	G	3.64E-0 8	0.2227 66	0.10189 3	0.0185 001	GCST90200895_build GRCh38.tsv.gz	DwQ D4m	30.334 75883
3655 87	3655 87	rs1854 27948	1	10884 6898	A	G	1.80E-0 9	0.0020 364	1.06142	0.1764 58	GCST90200897_build GRCh38.tsv.gz	0zi4d8	36.181 93825
3656 32	3656 32	rs7580 046	2	21049 0648	A	G	1.35E-1 0	0.5274 18	0.09654 44	0.0150 335	GCST90200898_build GRCh38.tsv.gz	1Osny o	41.241 45434
3656 43	3656 43	rs1778 8484	6	13157 3218	T	C	1.07E-1 0	0.0192 683	-0.3608 82	0.0558 898	GCST90200899_build GRCh38.tsv.gz	SLMA rG	41.693 20978
3658 03	3658 03	rs7555 577	1	62568 692	C	A	7.31E-1 2	0.6647 86	-0.1117	0.0163 033	GCST90200900_build GRCh38.tsv.gz	wc6L3 c	46.941 32087
3659 22	3659 22	rs4665 972	2	27375 230	C	T	2.75E-0 8	0.5891 73	0.08825 82	0.0158 83	GCST90200900_build GRCh38.tsv.gz	wc6L3 c	30.877 70829
3659 23	3659 23	rs3208 305	8	19966 137	T	A	4.90E-0 9	0.2895 63	0.09958 01	0.0170 209	GCST90200900_build GRCh38.tsv.gz	wc6L3 c	34.227 88591

3659 87	3659 87	rs9641 84	11	11677 8201	C	G	2.49E-2 7	0.8679 39	0.24661 7	0.0227 724	GCST90200900_build GRCh38.tsv.gz	wc6L3 c	117.28 12034
3660 22	3660 22	rs1168 43064	19	83644 39	A	G	2.76E-1 1	0.0214 178	0.35214 6	0.0528 833	GCST90200900_build GRCh38.tsv.gz	wc6L3 c	44.341 30017
3660 28	3660 28	rs5900 7384	19	44893 408	T	G	3.92E-1 2	0.2047 73	-0.1327 9	0.0191 343	GCST90200900_build GRCh38.tsv.gz	wc6L3 c	48.162 11875
3660 45	3660 45	rs1274 0648	1	21434 287	T	C	2.03E-0 8	0.1779 27	-0.1160 52	0.0206 893	GCST90200901_build GRCh38.tsv.gz	6fCm4 6	31.463 98053
3660 48	3660 48	rs1778 8484	6	13157 3218	T	C	1.55E-1 0	0.0192 284	0.35013 7	0.0547 086	GCST90200901_build GRCh38.tsv.gz	6fCm4 6	40.960 45858
3660 63	3660 63	rs1651 059	5	31674 119	G	A	4.32E-0 9	0.0867 996	-0.1660 64	0.0282 832	GCST90200902_build GRCh38.tsv.gz	Jq4Yf 3	34.474 17644
3661 33	3661 33	rs1745 64	11	61820 833	G	A	2.01E-7 7	0.3366 09	0.30960 9	0.0166 232	GCST90200902_build GRCh38.tsv.gz	Jq4Yf 3	346.89 48826
3662 73	3662 73	rs1721 6588	19	19553 268	T	C	1.26E-0 9	0.0780 759	0.18211	0.0299 914	GCST90200902_build GRCh38.tsv.gz	Jq4Yf 3	36.870 0826
3663 16	3663 16	rs4388 11	19	44913 484	T	C	4.86E-2 1	0.2254 81	-0.1787 94	0.0189 961	GCST90200902_build GRCh38.tsv.gz	Jq4Yf 3	88.588 4263
3663 67	3663 67	rs2845 6	11	61822 009	G	A	2.96E-7 0	0.3016 05	0.30322	0.0171 121	GCST90200904_build GRCh38.tsv.gz	IpgA5 t	313.98 51206
3665 04	3665 04	rs1721 6525	19	19551 411	T	C	5.76E-1 1	0.0775 341	0.19690 9	0.0300 635	GCST90200904_build GRCh38.tsv.gz	IpgA5 t	42.899 48252
3665 49	3665 49	rs4830 82	19	44912 921	T	G	9.54E-2 1	0.2264 61	-0.1777 55	0.0190 295	GCST90200904_build GRCh38.tsv.gz	IpgA5 t	87.254 71346
3665	3665	rs7275	15	84961	C	T	3.61E-0	0.0578	0.20067	0.0340	GCST90200906_build	tLcYz	34.824

75	75	4978		789			9	199	7	059	GRCh38.tsv.gz	z	64141
3666 07	3666 07	rs1317 94	22	50533 323	C	A	1.42E-2 1	0.7793 16	-0.1812 84	0.0190 013	GCST90200906_build GRCh38.tsv.gz	tLcYz z	91.023 24641
3667 13	3667 13	rs2845 6	11	61822 009	G	A	1.86E-6 1	0.3010 8	0.28467 1	0.0172 101	GCST90200907_build GRCh38.tsv.gz	KGeh Fh	273.60 22511
3668 38	3668 38	rs9641 84	11	11677 8201	C	G	5.03E-0 9	0.8685 63	0.13873	0.0237 306	GCST90200907_build GRCh38.tsv.gz	KGeh Fh	34.176 16554
3668 51	3668 51	rs5854 2926	19	19268 740	T	C	2.26E-1 3	0.0735 603	0.22703 3	0.0309 628	GCST90200907_build GRCh38.tsv.gz	KGeh Fh	53.764 73639
3669 09	3669 09	rs4830 82	19	44912 921	T	G	3.15E-2 1	0.2263 11	-0.1806 49	0.0191 006	GCST90200907_build GRCh38.tsv.gz	KGeh Fh	89.449 3325
3669 52	3669 52	rs1022 75	11	61790 331	C	T	5.85E-7 9	0.3400 13	0.31188 5	0.0165 777	GCST90200908_build GRCh38.tsv.gz	Bre0Io	353.94 87833
3671 07	3671 07	rs5854 2926	19	19268 740	T	C	2.81E-1 1	0.0737 887	0.20503 4	0.0308 024	GCST90200908_build GRCh38.tsv.gz	Bre0Io	44.308 05195
3671 62	3671 62	rs4830 82	19	44912 921	T	G	6.23E-2 2	0.2254 21	-0.1827 33	0.0189 84	GCST90200908_build GRCh38.tsv.gz	Bre0Io	92.652 79354
3672 06	3672 06	rs1405 22	22	50532 837	C	T	1.12E-2 4	0.6654 47	0.17161 6	0.0167 348	GCST90200909_build GRCh38.tsv.gz	Dzm7 qr	105.16 57922
3672 74	3672 74	rs1168 041	1	62494 579	C	T	1.05E-0 8	0.6681 29	-0.0963 528	0.0168 391	GCST90200910_build GRCh38.tsv.gz	Vp3W D5	32.740 92367
3672 77	3672 77	rs2523 454	6	31400 088	A	G	2.98E-0 8	0.3022 7	0.09379 94	0.0169 234	GCST90200910_build GRCh38.tsv.gz	Vp3W D5	30.720 25962
3672 82	3672 82	rs2119 690	8	20002 028	A	G	1.07E-0 9	0.2908 92	0.10458	0.0171 495	GCST90200910_build GRCh38.tsv.gz	Vp3W D5	37.187 27453

3672 85	3672 85	rs1745 33	11	61781 553	A	G	9.84E-0 9	0.3401 59	-0.0949 128	0.0165 54	GCST90200910_build GRCh38.tsv.gz	Vp3W D5	32.873 32773
3673 68	3673 68	rs9641 84	11	11677 8201	C	G	1.30E-3 1	0.8678 82	0.26792 6	0.0229 033	GCST90200910_build GRCh38.tsv.gz	Vp3W D5	136.84 64694
3674 28	3674 28	rs1168 43064	19	83644 39	A	G	1.28E-0 8	0.0211 965	0.30577 1	0.0537 449	GCST90200910_build GRCh38.tsv.gz	Vp3W D5	32.368 16422
3674 37	3674 37	rs4830 82	19	44912 921	T	G	2.14E-1 0	0.2252 26	-0.1186 93	0.0186 883	GCST90200910_build GRCh38.tsv.gz	Vp3W D5	40.337 65243
3674 48	3674 48	rs1221 2085	6	11109 4633	C	A	1.41E-0 8	0.1510 82	-0.1207 97	0.0212 987	GCST90200912_build GRCh38.tsv.gz	q7zxo y	32.166 67007
3674 72	3674 72	rs2454 663	11	57590 610	C	T	6.04E-0 9	0.7673 97	-0.1060 97	0.0182 433	GCST90200912_build GRCh38.tsv.gz	q7zxo y	33.822 00957
3674 83	3674 83	rs1508 51429	16	71591 928	C	G	1.06E-0 9	0.0150 978	-0.3768 57	0.0617 744	GCST90200912_build GRCh38.tsv.gz	q7zxo y	37.216 54915
3674 88	3674 88	rs1260 326	2	27508 073	C	T	4.35E-0 8	0.5870 02	0.08643 31	0.0157 837	GCST90200914_build GRCh38.tsv.gz	3gyvb H	29.987 65763
3675 02	3675 02	rs3693 61	6	11121 8558	G	A	5.22E-1 0	0.5873 54	-0.0989 479	0.0159 278	GCST90200914_build GRCh38.tsv.gz	3gyvb H	38.592 38116
3675 16	3675 16	rs1508 51429	16	71591 928	C	G	1.99E-0 9	0.0147 401	0.38387 7	0.0639 965	GCST90200914_build GRCh38.tsv.gz	3gyvb H	35.980 87649
3675 18	3675 18	rs1564 374	12	57616 380	G	A	3.17E-0 8	0.5632 78	0.08782 04	0.0158 752	GCST90200916_build GRCh38.tsv.gz	txuO3 n	30.602 18322
3675 50	3675 50	rs1001 4755	4	88302 352	G	A	7.09E-1 5	0.5320 96	-0.1214 4	0.0156 035	GCST90200917_build GRCh38.tsv.gz	ESR5 Or	60.573 05342
3675	3675	rs1710	14	63765	A	G	2.80E-2	0.1636	0.19141	0.0207	GCST90200918_build	4Ah9	85.127

91	91	1394		668			0	67	1	459	GRCh38.tsv.gz	NC	37155
3677 22	3677 22	rs1065 853	19	44909 976	T	G	1.51E-1 0	0.0837 326	-0.1781 44	0.0278 154	GCST90200918_build GRCh38.tsv.gz	4Ah9 NC	41.017 74491
3678 53	3678 53	rs1260 326	2	27508 073	C	T	1.75E-3 1	0.5859 51	0.15901 3	0.0136 222	GCST90200920_build GRCh38.tsv.gz	GvrxD H	136.26 07446
3679 39	3679 39	rs7800 94	2	27518 370	C	T	4.04E-0 9	0.5959 15	0.09243 38	0.0157 131	GCST90200921_build GRCh38.tsv.gz	geLiJF	34.604 92132
3679 44	3679 44	rs5515 76876	19	15370 491	T	C	5.11E-0 9	0.0007 4001	1.67067	0.2859 06	GCST90200922_build GRCh38.tsv.gz	FPJwh 1	34.145 60477
3679 52	3679 52	rs2464 190	12	12097 7587	C	T	1.25E-0 9	0.4171 26	-0.0962 605	0.0158 493	GCST90200926_build GRCh38.tsv.gz	i9yxl m	36.887 23092
3679 67	3679 67	rs7160 525	14	63765 502	A	G	2.71E-2 7	0.1632 97	0.22438 5	0.0207 342	GCST90200926_build GRCh38.tsv.gz	i9yxl m	117.11 51491
3681 13	3681 13	rs1466 448	19	82246 35	A	C	4.53E-1 7	0.8074 75	0.16336 9	0.0194 528	GCST90200926_build GRCh38.tsv.gz	i9yxl m	70.530 19068
3681 35	3681 35	rs1065 853	19	44909 976	T	G	1.18E-0 8	0.0839 371	-0.1587 47	0.0278 368	GCST90200926_build GRCh38.tsv.gz	i9yxl m	32.521 63978
3681 79	3681 79	rs1782 1649	22	46654 490	A	G	1.29E-1 1	0.2840 35	-0.1148 34	0.0169 636	GCST90200926_build GRCh38.tsv.gz	i9yxl m	45.825 26014
3682 10	3682 10	rs8008 068	14	63766 999	G	A	1.40E-0 9	0.1666 46	-0.1254 59	0.0207 198	GCST90200928_build GRCh38.tsv.gz	jR5Q6 P	36.663 38211
3682 46	3682 46	rs1466 448	19	82246 35	A	C	1.23E-4 2	0.8098 79	-0.2668 55	0.0194 981	GCST90200928_build GRCh38.tsv.gz	jR5Q6 P	187.31 22161
3682 90	3682 90	rs3645 85	20	12982 070	G	A	2.06E-1 7	0.6154 03	0.13533	0.0159 392	GCST90200928_build GRCh38.tsv.gz	jR5Q6 P	72.086 69648

3683 06	3683 06	rs1171 616	10	59708 831	T	G	3.74E-1 3	0.7708 84	-0.1186 96	0.0163 384	GCST90200929_build GRCh38.tsv.gz	lowIH u	52.778 02308
3683 09	3683 09	rs7241 147	18	61632 432	C	G	2.92E-0 8	0.9318 01	-0.1521 41	0.0274 311	GCST90200929_build GRCh38.tsv.gz	lowIH u	30.761 39924
3683 24	3683 24	rs4192 91	5	13229 7662	C	T	4.27E-1 2	0.6281 72	0.09702 4	0.0140 049	GCST90200932_build GRCh38.tsv.gz	LrQH 8d	47.995 25752
3684 61	3684 61	rs1221 0538	6	11043 8805	G	A	7.15E-1 0	0.2377 91	0.09669 57	0.0156 905	GCST90200932_build GRCh38.tsv.gz	LrQH 8d	37.978 7579
3684 63	3684 63	rs1513 04595	4	18547 1787	A	C	3.37E-0 8	0.0117 454	-0.3868 68	0.0700 722	GCST90200933_build GRCh38.tsv.gz	3Rdn6 N	30.481 3439
3684 75	3684 75	rs6124 830	20	46608 139	C	T	8.01E-1 1	0.1910 54	0.12618	0.0194 11	GCST90200933_build GRCh38.tsv.gz	3Rdn6 N	42.255 69284
3684 81	3684 81	rs2540 640	22	18972 067	C	G	3.95E-3 9	0.0936 048	-0.3363 81	0.0257 05	GCST90200933_build GRCh38.tsv.gz	3Rdn6 N	171.24 88636
3685 13	3685 13	rs1343 3658	22	19028 734	G	C	8.33E-0 9	0.1778 7	0.11511 1	0.0199 788	GCST90200933_build GRCh38.tsv.gz	3Rdn6 N	33.196 6955
3685 33	3685 33	rs1450 25874	13	10038 1667	A	G	1.42E-1 3	0.0110 213	-0.5281 78	0.0714 334	GCST90200934_build GRCh38.tsv.gz	eLID6 3	54.671 12015
3687 32	3687 32	rs4705 857	5	13240 1338	T	C	2.46E-1 0	0.3124 77	-0.1023 28	0.0161 661	GCST90200935_build GRCh38.tsv.gz	uy9xw b	40.066 22726
3687 44	3687 44	rs6621 38	6	16014 3444	G	C	1.12E-1 9	0.1742 47	0.17962 5	0.0197 9	GCST90200935_build GRCh38.tsv.gz	uy9xw b	82.383 82916
3687 65	3687 65	rs1450 25874	13	10038 1667	A	G	3.10E-1 9	0.0109 176	-0.6493 82	0.0724 353	GCST90200935_build GRCh38.tsv.gz	uy9xw b	80.371 11002
3688	3688	rs2518	22	18987	C	A	3.73E-2	0.1018	-0.2591	0.0250	GCST90200936_build	GzZd	107.34

01	01	804		991			5	94	62	135	GRCh38.tsv.gz	K0	79405
3688 06	3688 06	rs3761 097	19	35800 075	T	C	2.98E-1 0	0.0546 336	-0.2134 97	0.0338 893	GCST90200937_build GRCh38.tsv.gz	ZcG70 K	39.687 92167
3688 12	3688 12	rs6124 830	20	46608 139	C	T	2.61E-1 4	0.1910 77	0.14902 4	0.0195 659	GCST90200938_build GRCh38.tsv.gz	bxqgh e	58.011 32345
3688 27	3688 27	rs2518 814	22	18973 132	T	C	6.61E-2 1	0.0923 229	0.24714 1	0.0263 48	GCST90200939_build GRCh38.tsv.gz	TP50 Rr	87.982 09311
3688 66	3688 66	rs2406 753	12	87360 805	G	A	8.07E-0 9	0.9234 45	-0.1659 04	0.0287 679	GCST90200941_build GRCh38.tsv.gz	WWD 2bK	33.258 09683
3689 02	3689 02	rs6124 830	20	46608 139	C	T	1.08E-1 7	0.1911 39	0.16615 4	0.0193 995	GCST90200944_build GRCh38.tsv.gz	DkU8I K	73.356 82543
3689 14	3689 14	rs6235 4638	5	36638 487	A	G	9.70E-1 0	0.0322 244	-0.2592 14	0.0423 946	GCST90200946_build GRCh38.tsv.gz	xIF2e h	37.384 8656
3689 26	3689 26	rs7304 5704	1	18299 6504	T	C	1.57E-1 0	0.0125 523	-0.5880 73	0.0919 035	GCST90200949_build GRCh38.tsv.gz	k5xHjj	40.944 76457
3689 92	3689 92	rs1260 326	2	27508 073	C	T	2.27E-1 0	0.5863 38	0.09996 86	0.0157 638	GCST90200951_build GRCh38.tsv.gz	t9lglw	40.216 60335
3689 96	3689 96	rs7940 5811	13	31551 799	A	G	4.73E-0 8	0.0238 037	0.27584 9	0.0505 125	GCST90200951_build GRCh38.tsv.gz	t9lglw	29.822 57235
3692 30	3692 30	rs1260 326	2	27508 073	C	T	4.87E-7 5	0.5881 56	-0.2833 36	0.0154 584	GCST90200953_build GRCh38.tsv.gz	Uziu w i	335.94 98374
3695 99	3695 99	rs5599 0066	15	84955 430	C	T	4.74E-1 4	0.0599 528	-0.2541 05	0.0337 06	GCST90200954_build GRCh38.tsv.gz	nunpH a	56.834 49278
3696 26	3696 26	rs2076 007	6	16729 4271	T	C	3.04E-1 1	0.1078 8	-0.1714 49	0.0258 033	GCST90200956_build GRCh38.tsv.gz	ojNRp 4	44.148 85141

3696 48	3696 48	rs7275 4978	15	84961 789	C	T	2.73E-1 4	0.0589 626	-0.2618 86	0.0344 111	GCST90200956_build GRCh38.tsv.gz	ojNRp 4	57.919 85332
3696 72	3696 72	rs1478 24896	1	18295 9122	C	A	2.90E-1 5	0.0121 768	0.56262 1	0.0712 611	GCST90200957_build GRCh38.tsv.gz	A9xnF O	62.334 26354
3701 51	3701 51	rs1709 422	4	12914 3723	A	C	1.35E-3 5	0.6667 95	0.20726	0.0166 438	GCST90200957_build GRCh38.tsv.gz	A9xnF O	155.06 93658
3702 45	3702 45	rs2076 007	6	16729 4271	T	C	2.43E-5 4	0.1088 18	-0.3834 65	0.0247 031	GCST90200957_build GRCh38.tsv.gz	A9xnF O	240.96 19941
3702 73	3702 73	rs1697 421	1	21496 799	T	C	1.16E-1 4	0.5072 74	0.11361 5	0.0147 169	GCST90200959_build GRCh38.tsv.gz	fuOoK 7	59.598 95814
3702 94	3702 94	rs2275 370	1	21573 927	G	A	2.74E-1 0	0.7784 42	0.11258 7	0.0178 353	GCST90200959_build GRCh38.tsv.gz	fuOoK 7	39.848 83751
3703 01	3703 01	rs7829 3932	4	18421 7948	T	C	2.94E-0 9	0.0204 194	0.32119 3	0.0541 169	GCST90200960_build GRCh38.tsv.gz	q5uy4 x	35.226 24263
3703 03	3703 03	rs7578 7092	22	24093 236	A	T	9.42E-1 0	0.0364 647	-0.2473 14	0.0404 183	GCST90200960_build GRCh38.tsv.gz	q5uy4 x	37.440 47218
3703 06	3703 06	rs1906 73833	9	11050 8340	C	T	1.42E-0 9	0.0018 669	-1.4505 3	0.2396 15	GCST90200961_build GRCh38.tsv.gz	nCPbb e	36.645 90298
3703 09	3703 09	rs3935 209	8	14405 8338	G	T	9.79E-1 1	0.0830 773	0.24175 3	0.0373 642	GCST90200964_build GRCh38.tsv.gz	1GN9 Dv	41.863 19475
3704 20	3704 20	rs6235 4638	5	36638 487	A	G	1.78E-1 0	0.0321 056	-0.2721 11	0.0426 584	GCST90200965_build GRCh38.tsv.gz	iYgb5 v	40.689 56737
3704 24	3704 24	rs5591 6375	8	14405 8080	T	C	3.80E-2 8	0.0787 185	0.30067 2	0.0273 327	GCST90200965_build GRCh38.tsv.gz	iYgb5 v	121.00 99004
3708	3708	rs4529	4	99954	A	C	8.59E-4	0.7464	-0.2168	0.0158	GCST90200967_build	4Zx3li	188.02

27	27	048		88			3	62	57	15	GRCh38.tsv.gz		19266
3713 49	3713 49	rs3935 209	8	14405 8338	G	T	1.18E-1 45	0.0838 922	0.66862 2	0.0260 169	GCST90200968_build GRCh38.tsv.gz	XsQO s1	660.46 56406
3715 83	3715 83	rs2638 314	12	56472 550	A	T	2.51E-0 9	0.1948 27	0.11318 7	0.0189 88	GCST90200968_build GRCh38.tsv.gz	XsQO s1	35.533 22716
3715 84	3715 84	rs1022 7729	7	25466 138	C	T	3.63E-0 8	0.1659 5	0.10694 2	0.0194 162	GCST90200971_build GRCh38.tsv.gz	Txm6 C2	30.336 68555
3715 88	3715 88	rs6235 4638	5	36638 487	A	G	3.36E-0 9	0.0314 338	0.25675 4	0.0434 236	GCST90200973_build GRCh38.tsv.gz	craaZ3	34.960 9146
3715 97	3715 97	rs2518 814	22	18973 132	T	C	1.44E-2 0	0.0927 459	0.24013 7	0.0258 275	GCST90200973_build GRCh38.tsv.gz	craaZ3	86.447 69562
3716 32	3716 32	rs3697 05747	22	18972 632	A	G	1.83E-6 0	0.0939 494	-0.4041 08	0.0246 368	GCST90200974_build GRCh38.tsv.gz	w2CD AM	269.04 58518
3716 76	3716 76	rs1343 3658	22	19028 734	G	C	1.39E-0 9	0.1778 09	0.11687	0.0192 954	GCST90200974_build GRCh38.tsv.gz	w2CD AM	36.685 84408
3717 04	3717 04	rs1745 66	11	61824 890	G	A	5.34E-0 9	0.3448 77	-0.0967 688	0.0165 803	GCST90200975_build GRCh38.tsv.gz	wguC Bh	34.063 23906
3717 22	3717 22	rs8744 32	4	99189 82	A	T	9.79E-1 3	0.2304 96	0.12394 7	0.0173 756	GCST90200976_build GRCh38.tsv.gz	rSxzG u	50.885 30931
3718 90	3718 90	rs1745 67	11	61825 533	G	A	1.22E-2 3	0.3455 79	-0.1669 31	0.0166 567	GCST90200977_build GRCh38.tsv.gz	uuR3T s	100.43 75389
3719 88	3719 88	rs5611 3850	19	40847 202	C	T	3.01E-1 1	0.5738 37	0.10554 3	0.0158 81	GCST90200977_build GRCh38.tsv.gz	uuR3T s	44.167 53661
3719 94	3719 94	rs4410 790	7	17244 953	C	T	8.07E-1 4	0.6267 52	-0.1216 01	0.0162 802	GCST90200978_build GRCh38.tsv.gz	ULBy LS	55.789 80214

3720 06	3720 06	rs2472 297	15	74735 539	T	C	3.40E-2 3	0.2506 36	-0.1785 12	0.0179 948	GCST90200978_build GRCh38.tsv.gz	ULBy LS	98.410 35155
3720 76	3720 76	rs5611 3850	19	40847 202	C	T	8.79E-3 5	0.5748 32	0.19285	0.0156 759	GCST90200978_build GRCh38.tsv.gz	ULBy LS	151.34 71746
3722 53	3722 53	rs1745 64	11	61820 833	G	A	6.94E-1 58	0.3464 33	-0.4136 49	0.0154 511	GCST90200979_build GRCh38.tsv.gz	5lQ4B s	716.71 27838
3724 89	3724 89	rs6498 541	16	15046 800	G	A	1.28E-0 9	0.3071 3	-0.1010 35	0.0166 436	GCST90200979_build GRCh38.tsv.gz	5lQ4B s	36.850 98936
3725 01	3725 01	rs5670 2468	1	21503 847	C	T	4.05E-0 9	0.3133 94	-0.0962 962	0.0163 715	GCST90200980_build GRCh38.tsv.gz	wACri 4	34.597 23202
3725 08	3725 08	rs1254 8231	8	58302 521	C	A	3.02E-0 8	0.5406 48	-0.0871 459	0.0157 289	GCST90200981_build GRCh38.tsv.gz	M9sR Dk	30.697 09062
3725 21	3725 21	rs5611 3850	19	40847 202	C	T	1.61E-1 2	0.5754 31	-0.1112 05	0.0157 406	GCST90200982_build GRCh38.tsv.gz	zZjw md	49.912 12535
3725 66	3725 66	rs2845 6	11	61822 009	G	A	1.31E-5 8	0.3012 37	0.27546 3	0.0170 658	GCST90200983_build GRCh38.tsv.gz	yu3Z6 U	260.53 93004
3726 88	3726 88	rs1721 6525	19	19551 411	T	C	1.08E-0 9	0.0779 937	0.18181 2	0.0298 218	GCST90200983_build GRCh38.tsv.gz	yu3Z6 U	37.168 70088
3727 31	3727 31	rs5117	19	44915 533	C	T	7.13E-2 0	0.2241 99	-0.1733 94	0.0190 009	GCST90200983_build GRCh38.tsv.gz	yu3Z6 U	83.275 98651
3727 51	3727 51	rs7801 08	2	27462 090	C	T	1.45E-0 8	0.4333 12	0.08844 17	0.0156 067	GCST90200985_build GRCh38.tsv.gz	V2oGI V	32.113 82225
3727 72	3727 72	rs1324 7874	7	73596 112	T	C	7.58E-0 9	0.1893 23	0.11389 5	0.0197 135	GCST90200985_build GRCh38.tsv.gz	V2oGI V	33.379 65498
3727	3727	rs2119	8	20002	A	G	1.18E-0	0.2912	0.09644	0.0169	GCST90200985_build	V2oGI	32.526

84	84	690		028			8	06	91	114	GRCh38.tsv.gz	V	49261
3727 89	3727 89	rs4129 1902	10	11027 9090	G	A	6.38E-0 9	0.0839 925	-0.1598 54	0.0275 306	GCST90200985_build GRCh38.tsv.gz	V2oGI V	33.714 4177
3727 90	3727 90	rs1745 33	11	61781 553	A	G	8.79E-0 9	0.3396 98	-0.0938 819	0.0163 202	GCST90200985_build GRCh38.tsv.gz	V2oGI V	33.091 22065
3728 54	3728 54	rs9641 84	11	11677 8201	C	G	1.11E-2 2	0.8676 93	0.22162 3	0.0226 104	GCST90200985_build GRCh38.tsv.gz	V2oGI V	96.075 61382
3728 87	3728 87	rs7309 088	12	10370 0355	T	C	1.48E-0 8	0.5141 65	0.08758 92	0.0154 645	GCST90200985_build GRCh38.tsv.gz	V2oGI V	32.079 63022
3728 88	3728 88	rs1168 43064	19	83644 39	A	G	2.14E-0 9	0.0215 101	0.31383 6	0.0524 224	GCST90200985_build GRCh38.tsv.gz	V2oGI V	35.840 3069
3729 08	3729 08	rs4830 82	19	44912 921	T	G	2.78E-1 2	0.2251 63	-0.1285 49	0.0183 94	GCST90200985_build GRCh38.tsv.gz	V2oGI V	48.841 05549
3729 65	3729 65	rs1745 64	11	61820 833	G	A	1.74E-6 7	0.3369 34	0.28792 2	0.0165 881	GCST90200986_build GRCh38.tsv.gz	6I0Ma d	301.27 03633
3731 07	3731 07	rs1065 853	19	44909 976	T	G	2.40E-1 9	0.0847 513	-0.2550 46	0.0283 596	GCST90200986_build GRCh38.tsv.gz	6I0Ma d	80.879 19711
3731 24	3731 24	rs1168 041	1	62494 579	C	T	4.17E-0 8	0.6681 49	-0.0977 144	0.0178 193	GCST90200987_build GRCh38.tsv.gz	xf1VF F	30.070 1684
3731 74	3731 74	rs9641 84	11	11677 8201	C	G	3.17E-2 0	0.8691 88	0.22482 3	0.0244 025	GCST90200987_build GRCh38.tsv.gz	xf1VF F	84.881 45871
3732 08	3732 08	rs5900 7384	19	44893 408	T	G	7.17E-1 1	0.2035 79	-0.1329 59	0.0204 015	GCST90200987_build GRCh38.tsv.gz	xf1VF F	42.472 83797
3732 57	3732 57	rs2845 6	11	61822 009	G	A	1.61E-4 8	0.3011 33	0.26820 7	0.0183 228	GCST90200988_build GRCh38.tsv.gz	0Qbf2 W	214.26 76145

3733 84	3733 84	rs4830 82	19	44912 921	T	G	6.54E-1 6	0.2256 83	-0.1633 02	0.0202 138	GCST90200988_build GRCh38.tsv.gz	0Qbf2 W	65.266 01232
3733 98	3733 98	rs1974 562	7	97873 425	C	T	2.47E-0 8	0.7386 48	-0.0991 104	0.0177 772	GCST90200989_build GRCh38.tsv.gz	85nQn K	31.082 19931
3734 50	3734 50	rs2463 822	11	62335 948	C	T	4.13E-1 4	0.8763 69	-0.1752 31	0.0231 887	GCST90200989_build GRCh38.tsv.gz	85nQn K	57.104 33452
3737 40	3737 40	rs1116 88512	14	10384 3837	A	G	1.27E-1 0	0.1261 62	0.14909 9	0.0231 842	GCST90200989_build GRCh38.tsv.gz	85nQn K	41.358 54312
3738 37	3738 37	rs8012 505	14	10410 4717	G	C	1.54E-1 65	0.1303 1	-0.6013 81	0.0219 313	GCST90200989_build GRCh38.tsv.gz	85nQn K	751.91 82995
3739 28	3739 28	rs1745 60	11	61814 292	C	T	2.35E-5 9	0.3005 55	0.29564 9	0.0181 972	GCST90200990_build GRCh38.tsv.gz	ZiZUn p	263.96 33869
3740 70	3740 70	rs4830 82	19	44912 921	T	G	6.24E-1 7	0.2247 01	-0.1676 86	0.0200 567	GCST90200990_build GRCh38.tsv.gz	ZiZUn p	69.899 59399
3740 83	3740 83	rs1260 326	2	27508 073	C	T	3.16E-0 8	0.5870 97	0.08598 73	0.0155 434	GCST90200991_build GRCh38.tsv.gz	O0tM DP	30.603 88615
3740 92	3740 92	rs7800 93	2	27519 736	C	T	3.63E-1 1	0.5977 67	-0.1038 93	0.0156 98	GCST90200992_build GRCh38.tsv.gz	pJSfh1	43.800 9898
3741 23	3741 23	rs2463 820	11	62344 818	T	A	1.69E-0 8	0.8780 26	-0.1332 26	0.0236 159	GCST90200992_build GRCh38.tsv.gz	pJSfh1	31.825 04125
3741 41	3741 41	rs2021 965	14	10353 0911	A	C	6.15E-0 9	0.7277 2	-0.1002 29	0.0172 435	GCST90200992_build GRCh38.tsv.gz	pJSfh1	33.785 93576
3742 54	3742 54	rs2282 377	14	10410 5483	G	C	1.73E-1 04	0.1299 28	-0.4833 98	0.0222 685	GCST90200992_build GRCh38.tsv.gz	pJSfh1	471.22 44002
3743	3743	rs2693	15	52403	C	T	3.35E-0	0.1100	0.13844	0.0250	GCST90200992_build	pJSfh1	30.493

04	04	467		871			8	6		703	GRCh38.tsv.gz		27844
3743 08	3743 08	rs7800 93	2	27519 736	C	T	2.94E-0 9	0.5969 8	0.09365 49	0.0157 802	GCST90200994_build GRCh38.tsv.gz	rcjE0S	35.223 78346
3743 20	3743 20	rs2657 879	12	56471 554	G	A	3.86E-2 3	0.1961 39	-0.1913 36	0.0193 119	GCST90200994_build GRCh38.tsv.gz	rcjE0S	98.161 99432
3743 47	3743 47	rs7614 9982	17	10808 360	A	C	1.10E-0 8	0.0806 139	0.17273 4	0.0302 29	GCST90200996_build GRCh38.tsv.gz	wH5t3 A	32.651 87303
3743 48	3743 48	rs1047 891	2	21067 5783	A	C	4.30E-0 8	0.3096 49	-0.0901 629	0.0164 584	GCST90200997_build GRCh38.tsv.gz	9UjpS v	30.011 00351
3743 80	3743 80	rs2657 879	12	56471 554	G	A	8.76E-4 8	0.1950 19	0.27371 6	0.0188 481	GCST90200997_build GRCh38.tsv.gz	9UjpS v	210.89 44811
3745 53	3745 53	rs5323 03	1	11972 2821	G	A	1.12E-2 5	0.6709 68	0.17072 2	0.0162 978	GCST90201000_build GRCh38.tsv.gz	GhCL VD	109.72 88965
3745 71	3745 71	rs1047 891	2	21067 5783	A	C	2.72E-8 9	0.3082 68	0.32341 4	0.0161 423	GCST90201000_build GRCh38.tsv.gz	GhCL VD	401.40 87203
3751 43	3751 43	rs1324 1866	7	56023 185	G	C	8.67E-2 5	0.7532 11	0.18125 6	0.0176 318	GCST90201000_build GRCh38.tsv.gz	GhCL VD	105.67 9678
3752 70	3752 70	rs7441 0978	14	10034 6169	C	A	1.93E-1 0	0.4863 74	0.09855 54	0.0154 787	GCST90201000_build GRCh38.tsv.gz	GhCL VD	40.540 75979
3752 92	3752 92	rs5619 31	1	11971 1883	G	A	6.09E-1 1	0.5800 03	0.10444 1	0.0159 661	GCST90201001_build GRCh38.tsv.gz	eiw26 d	42.790 20359
3752 97	3752 97	rs7800 93	2	27519 736	C	T	1.03E-1 0	0.5970 83	0.10293 8	0.0159 3	GCST90201001_build GRCh38.tsv.gz	eiw26 d	41.756 09725
3753 06	3753 06	rs7925 9434	18	40961 735	G	T	1.27E-0 8	0.0279 43	-0.2685 23	0.0471 897	GCST90201001_build GRCh38.tsv.gz	eiw26 d	32.379 38147

3753 09	3753 09	rs7160 525	14	63765 502	A	G	8.97E-1 1	0.1648 83	-0.1335 54	0.0205 994	GCST90201004_build GRCh38.tsv.gz	tJ2mH u	42.034 38116
3753 25	3753 25	rs1296 1923	18	57635 037	A	G	4.45E-1 1	0.3672 35	0.10862 5	0.0164 874	GCST90201004_build GRCh38.tsv.gz	tJ2mH u	43.406 5461
3753 44	3753 44	rs1466 448	19	82246 35	A	C	8.32E-1 8	0.8095 38	-0.1664 84	0.0193 697	GCST90201004_build GRCh38.tsv.gz	tJ2mH u	73.875 29275
3753 70	3753 70	rs3645 85	20	12982 070	G	A	2.35E-1 0	0.6147 91	0.10008 1	0.0157 951	GCST90201004_build GRCh38.tsv.gz	tJ2mH u	40.147 50054
3753 83	3753 83	rs7661 312	4	88279 855	G	T	4.00E-1 1	0.4846 91	-0.1018 26	0.0154 186	GCST90201006_build GRCh38.tsv.gz	hjFqw 9	43.614 15715
3754 14	3754 14	rs9641 84	11	11677 8201	C	G	1.16E-0 8	0.8685 45	0.12968 2	0.0227 318	GCST90201007_build GRCh38.tsv.gz	ypIfSS	32.545 55985
3754 17	3754 17	rs1065 853	19	44909 976	T	G	1.33E-0 8	0.0834 876	-0.1574 86	0.0277 134	GCST90201007_build GRCh38.tsv.gz	ypIfSS	32.292 69454
3754 20	3754 20	rs1260 326	2	27508 073	C	T	1.17E-1 3	0.5867 57	0.11778 7	0.0158 749	GCST90201008_build GRCh38.tsv.gz	jrGlpE	55.051 95227
3754 74	3754 74	rs1260 326	2	27508 073	C	T	3.36E-1 6	0.5867 58	0.12882 9	0.0157 884	GCST90201009_build GRCh38.tsv.gz	oc1ru8	66.581 10981
3755 44	3755 44	rs7661 312	4	88279 855	G	T	6.85E-1 4	0.4843 28	-0.1148 88	0.0153 375	GCST90201010_build GRCh38.tsv.gz	EglL3 b	56.109 98943
3755 92	3755 92	rs5531 90659	2	12689 1544	A	G	4.46E-0 8	0.0009 13186	1.39097	0.2542 19	GCST90201011_build GRCh38.tsv.gz	Cuwb Le	29.937 77463
3755 96	3755 96	rs7817 7403	1	10747 2612	C	A	4.59E-0 9	0.0192 331	0.32181 7	0.0549 034	GCST90201012_build GRCh38.tsv.gz	RSWy LM	34.357 33618
3758	3758	rs1121	2	31492	G	A	7.00E-1	0.0133	-0.5377	0.0644	GCST90201013_build	iqbAU	69.673

46	46	15240		465			7	846	6	252	GRCh38.tsv.gz	1	14895
3759 92	3759 92	rs7279 4638	2	31561 978	C	T	6.17E-5 8	0.0183 291	-0.8695 86	0.0541 959	GCST90201013_build GRCh38.tsv.gz	iqbAU 1	257.44 95949
3760 12	3760 12	rs9282 858	2	31580 756	T	C	1.06E-8 4	0.0344 369	-0.7806 02	0.0400 267	GCST90201013_build GRCh38.tsv.gz	iqbAU 1	380.32 92675
3760 87	3760 87	rs5583 4920	2	31626 839	T	C	3.82E-1 6	0.1051 48	-0.1977 62	0.0242 828	GCST90201013_build GRCh38.tsv.gz	iqbAU 1	66.326 66566
3770 01	3770 01	rs1508 86780	2	32605 036	A	C	2.25E-0 8	0.0487 282	0.19305 4	0.0345 244	GCST90201013_build GRCh38.tsv.gz	iqbAU 1	31.268 37628
3773 01	3773 01	rs3857 868	7	13811 3018	A	T	2.24E-0 8	0.7841 45	-0.1020 94	0.0182 549	GCST90201013_build GRCh38.tsv.gz	iqbAU 1	31.278 18347
3773 30	3773 30	rs8027 6717	11	63064 092	T	C	1.37E-2 6	0.0588 391	0.33306	0.0312 07	GCST90201013_build GRCh38.tsv.gz	iqbAU 1	113.90 45083
3776 09	3776 09	rs7246 440	19	12395 059	G	A	8.05E-0 9	0.7557 47	0.10082 1	0.0174 813	GCST90201013_build GRCh38.tsv.gz	iqbAU 1	33.262 47412
3776 38	3776 38	rs2121 00	19	47873 738	C	T	2.84E-1 1	0.8377 93	-0.1344 46	0.0202 028	GCST90201013_build GRCh38.tsv.gz	iqbAU 1	44.286 63088
3776 61	3776 61	rs9282 858	2	31580 756	T	C	1.63E-0 9	0.0325 695	0.23913 4	0.0396 488	GCST90201014_build GRCh38.tsv.gz	M3az Lv	36.376 63827
3779 26	3779 26	rs1139 39203	11	63115 255	A	T	2.00E-1 96	0.0619 628	-0.8206 36	0.0274 466	GCST90201014_build GRCh38.tsv.gz	M3az Lv	893.97 22204
3781 76	3781 76	rs5405 82	11	63312 298	C	T	2.28E-1 6	0.5902 79	0.11632 4	0.0141 745	GCST90201014_build GRCh38.tsv.gz	M3az Lv	67.347 76052
3784 38	3784 38	rs2121 00	19	47873 738	C	T	1.41E-1 3	0.8362 46	0.14037 5	0.0189 813	GCST90201014_build GRCh38.tsv.gz	M3az Lv	54.692 48193

3784 93	3784 93	rs7279 0679	2	31431 289	A	G	2.08E-0 8	0.0167 092	0.31438 7	0.0560 897	GCST90201015_build GRCh38.tsv.gz	QTDd YH	31.416 87071
3784 98	3784 98	rs9282 858	2	31580 756	T	C	3.08E-1 4	0.0329 852	0.30870 6	0.0406 463	GCST90201015_build GRCh38.tsv.gz	QTDd YH	57.683 03523
3788 63	3788 63	rs8878 29	2	23375 9924	T	C	1.26E-1 10	0.3208 98	0.33693 7	0.0150 767	GCST90201015_build GRCh38.tsv.gz	QTDd YH	499.44 17262
3789 23	3789 23	rs3467 0419	7	99533 211	T	G	3.83E-0 9	0.0320 219	0.24103 3	0.0409 138	GCST90201015_build GRCh38.tsv.gz	QTDd YH	34.706 70439
3790 83	3790 83	rs3772 04392	11	63075 350	T	C	2.87E-2 58	0.0620 317	-0.9579 67	0.0279 053	GCST90201015_build GRCh38.tsv.gz	QTDd YH	1178.4 94896
3794 54	3794 54	rs5405 82	11	63312 298	C	T	1.16E-1 9	0.5904 7	0.13268 1	0.0146 243	GCST90201015_build GRCh38.tsv.gz	QTDd YH	82.312 78521
3796 04	3796 04	rs4149 056	12	21178 615	C	T	4.77E-0 9	0.1558 81	0.11600 3	0.0198 127	GCST90201015_build GRCh38.tsv.gz	QTDd YH	34.280 81311
3796 63	3796 63	rs2121 00	19	47873 738	C	T	1.97E-1 3	0.8362 58	0.14433 6	0.0196 356	GCST90201015_build GRCh38.tsv.gz	QTDd YH	54.033 23603
3797 28	3797 28	rs6353 04	2	31642 836	T	C	2.42E-1 2	0.2946 3	0.11985 7	0.0171 034	GCST90201016_build GRCh38.tsv.gz	H1Cr Oj	49.109 0916
3797 58	3797 58	rs7278 7520	2	32626 815	G	C	1.37E-0 9	0.0344 04	-0.2643 03	0.0436 181	GCST90201016_build GRCh38.tsv.gz	H1Cr Oj	36.717 2966
3800 78	3800 78	rs8878 29	2	23375 9924	T	C	1.54E-9 5	0.3194 81	0.34447 1	0.0166 097	GCST90201016_build GRCh38.tsv.gz	H1Cr Oj	430.11 21935
3801 11	3801 11	rs1489 82377	7	99477 415	C	T	9.85E-1 4	0.0321 531	0.33312	0.0447 565	GCST90201016_build GRCh38.tsv.gz	H1Cr Oj	55.397 37443
3803	3803	rs1429	11	63108	A	G	2.31E-1	0.0606	-0.7453	0.0319	GCST90201016_build	H1Cr	544.18

35	35	16825		204			20	572	68	519	GRCh38.tsv.gz	Oj	6935
3805 91	3805 91	rs5405 82	11	63312 298	C	T	5.96E-1 0	0.5916 12	0.09950 9	0.0160 719	GCST90201016_build GRCh38.tsv.gz	H1Cr Oj	38.334 54216
3807 05	3807 05	rs1173 51628	6	16635 3253	G	A	4.41E-1 2	0.0305 711	0.30118 5	0.0435 026	GCST90201017_build GRCh38.tsv.gz	79FkY M	47.933 18082
3811 07	3811 07	rs8878 29	2	23375 9924	T	C	2.16E-1 71	0.3227 52	0.43805 8	0.0156 968	GCST90201018_build GRCh38.tsv.gz	dpagS S	778.82 69704
3811 80	3811 80	rs7279 4638	2	31561 978	C	T	2.11E-1 0	0.0185 404	-0.3605 93	0.0567 562	GCST90201019_build GRCh38.tsv.gz	pLAb Kc	40.365 27937
3812 05	3812 05	rs7278 7520	2	32626 815	G	C	3.58E-1 1	0.0340 894	-0.2841 07	0.0429 134	GCST90201019_build GRCh38.tsv.gz	pLAb Kc	43.830 66088
3812 10	3812 10	rs1489 82377	7	99477 415	C	T	1.37E-0 9	0.0324 786	0.26547 6	0.0438 191	GCST90201019_build GRCh38.tsv.gz	pLAb Kc	36.704 86441
3814 39	3814 39	rs1139 39203	11	63115 255	A	T	3.10E-9 8	0.0605 484	-0.6631 41	0.0315 248	GCST90201019_build GRCh38.tsv.gz	pLAb Kc	442.49 36877
3818 75	3818 75	rs6249 4003	8	18167 861	A	G	3.12E-1 0	0.2047 99	0.12655 8	0.0201 114	GCST90201020_build GRCh38.tsv.gz	fwh13 I	39.599 94642
3819 62	3819 62	rs1177 7998	8	18218 488	C	G	7.38E-6 6	0.1160 64	-0.4291 93	0.0250 395	GCST90201020_build GRCh38.tsv.gz	fwh13 I	293.80 14639
3824 94	3824 94	rs1326 6992	8	18382 187	C	T	5.00E-3 07	0.1798 83	-0.8012 24	0.0189 145	GCST90201020_build GRCh38.tsv.gz	fwh13 I	1794.3 95489
3830 85	3830 85	rs7321 3631	8	18637 561	C	T	4.37E-0 9	0.0443 115	0.23158 5	0.0394 558	GCST90201020_build GRCh38.tsv.gz	fwh13 I	34.450 78685
3831 40	3831 40	rs5611 3850	19	40847 202	C	T	1.07E-2 3	0.5761 93	-0.1624 91	0.0161 93	GCST90201020_build GRCh38.tsv.gz	fwh13 I	100.69 40922

Appendix 5

	id.exposure	id.outcome	outcome	exposure	method	nsnp	b	se	pval	lo_ci	up_ci	or	or_lci95	or_uci95
1	ebi-a-GCST90027654	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	id:ebi-a-GCST90027654	MR Egger	6	-0.28 82035 87	0.263 1105 95	0.334 8813 22	-0.80 39003 53	0.227 49317 8	0.749 6089 66	0.447 5798 36	1.255 4488 76
2	ebi-a-GCST90027654	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	id:ebi-a-GCST90027654	Weighted median	6	-0.17 39890 23	0.096 0632 23	0.070 1110 05	-0.36 22729 41	0.014 29489 5	0.840 3061 22	0.696 0923 5	1.014 3975 55
3	ebi-a-GCST90027654	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	id:ebi-a-GCST90027654	Inverse variance weighted	6	-0.22 30239 62	0.075 5184 17	0.003 1445 8	-0.37 10400 59	-0.07 50078 65	0.800 0956 77	0.690 0163	0.927 7361 9
4	ebi-a-GCST90027654	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	id:ebi-a-GCST90027654	Simple mode	6	-0.35 59908 68	0.159 5953 84	0.076 1092 01	-0.66 87978 19	-0.04 31839 16	0.700 4790 17	0.512 3241 14	0.957 7352 31
5	ebi-a-GCST90027654	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	id:ebi-a-GCST90027654	Weighted mode	6	-0.13 65914 37	0.140 0790 89	0.374 2930 69	-0.41 11464 5	0.137 96357 7	0.872 3265 54	0.662 8898 44	1.147 9337 38
6	ebi-a-GCST90027663	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	id:ebi-a-GCST9002766	MR Egger	5	0.402 12235 8	0.576 2011 57	0.535 4765 9	-0.72 72319 1	1.531 47662 5	1.494 9942 45	0.483 2448 06	4.625 0011 74

				3										
7	ebi-a-GC ST90027 663	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002766 3	Weighted median	5	0.121 49828 2	0.104 9123 5	0.246 8259 94	-0.08 41299 24	0.327 12648 8	1.129 1874 26	0.919 3118 08	1.386 9769 01
8	ebi-a-GC ST90027 663	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002766 3	Inverse variance weighted	5	0.171 44181 3	0.083 5763 4	0.040 2357 99	0.007 63218 7	0.335 25143 8	1.187 0150 71	1.007 6613 86	1.398 2919 25
9	ebi-a-GC ST90027 663	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002766 3	Simple mode	5	0.086 20657 2	0.157 9345 34	0.614 1918 5	-0.22 33451 14	0.395 75825 8	1.090 0314 75	0.799 8387 66	1.485 5101 64
10	ebi-a-GC ST90027 663	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002766 3	Weighted mode	5	0.056 82907 4	0.148 0960 13	0.720 7020 24	-0.23 34391 12	0.347 09726	1.058 4748 74	0.791 8058 06	1.414 9543 37
11	ebi-a-GC ST90027 682	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002768 2	MR Egger	9	-0.33 09146 05	0.223 1644 09	0.181 6832 33	-0.76 83168 46	0.106 48763 7	0.718 2665 03	0.463 7930 47	1.112 3641 74
12	ebi-a-GC ST90027 682	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002768 2	Weighted median	9	-0.20 01584 59	0.078 0599 43	0.010 3424 8	-0.35 31559 47	-0.04 71609 71	0.818 6010 28	0.702 4676 37	0.953 9338 29

13	ebi-a-GC ST90027 682	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002768 2	Inverse variance weighted	9	-0.13 71404 84	0.055 7559 3	0.013 9069 71	-0.24 64221 07	-0.02 78588 61	0.871 8477 37	0.781 5922 4	0.972 5256 18
14	ebi-a-GC ST90027 682	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002768 2	Simple mode	9	-0.23 00055 76	0.118 5836 33	0.088 4000 06	-0.46 24294 97	0.002 41834 4	0.794 5291 72	0.629 7518 05	1.002 4212 71
15	ebi-a-GC ST90027 682	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002768 2	Weighted mode	9	-0.22 83956 04	0.125 7816 39	0.106 9356 89	-0.47 49276 16	0.018 13640 8	0.795 8093 72	0.621 9300 73	1.018 3018 72
16	ebi-a-GC ST90027 690	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 0	MR Egger	5	0.772 97382	0.633 3388 81	0.309 4665 13	-0.46 83703 86	2.014 31802 6	2.166 1985 69	0.626 0216 11	7.495 6138 23
17	ebi-a-GC ST90027 690	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 0	Weighted median	5	0.114 23379 1	0.093 1022 64	0.219 8334 35	-0.06 82466 45	0.296 71422 8	1.121 0141 78	0.934 0300 71	1.345 4307 59
18	ebi-a-GC ST90027 690	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 0	Inverse variance weighted	5	0.149 79443 9	0.073 8671 41	0.042 5714 72	0.005 01484 3	0.294 57403 6	1.161 5954 4	1.005 0274 38	1.342 5543 57
19	ebi-a-GC ST90027	ebi-a-G CST004	Inflammatory bowel disease	 id:ebi-a-GC	Simple mode	5	0.118 10464	0.120 3208	0.381 8816	-0.11 77241	0.353 93344	1.125 3618	0.888 9412	1.424 6603

	690	131	id:ebi-a-GCST004131	ST9002769 0			7	13	22	46		71	37	58
20	ebi-a-GC ST90027 690	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 0	Weighted mode	5	0.119 19833 5	0.113 0118 05	0.351 0370 39	-0.10 23048 03	0.340 70147 4	1.126 5933 39	0.902 7543 47	1.405 9334 7
21	ebi-a-GC ST90027 696	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 6	MR Egger	7	-0.15 26910 81	0.253 8555	0.573 7436 12	-0.65 02478 6	0.344 86569 9	0.858 3948 56	0.521 9163 98	1.411 8003
22	ebi-a-GC ST90027 696	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 6	Weighted median	7	-0.08 92396 85	0.055 3992 01	0.107 2128 84	-0.19 78221 2	0.019 34274 9	0.914 6263 25	0.820 5157 94	1.019 5310 32
23	ebi-a-GC ST90027 696	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 6	Inverse variance weighted	7	-0.10 78583 21	0.041 4570 56	0.009 2766 22	-0.18 91141 51	-0.02 66024 92	0.897 7547 8	0.827 6920 2	0.973 7482 37
24	ebi-a-GC ST90027 696	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 6	Simple mode	7	-0.06 34985 97	0.078 4230 74	0.449 0279 06	-0.21 72078 22	0.090 21062 7	0.938 4754 36	0.804 7627 05	1.094 4047 71
25	ebi-a-GC ST90027 696	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002769 6	Weighted mode	7	-0.06 27329 53	0.077 0441 5	0.446 6077 12	-0.21 37394 87	0.088 27358 2	0.939 1942 49	0.807 5587 37	1.092 2869 11

26	ebi-a-GC ST90027 737	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002773 7	MR Egger	5	0.401 66815 7	0.576 2982 22	0.535 9695 47	-0.72 78763 59	1.531 21267 3	1.494 3153 73	0.482 9334 79	4.623 7805 59
27	ebi-a-GC ST90027 737	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002773 7	Weighted median	5	0.121 44874 1	0.104 6969 12	0.246 0475 52	-0.08 37572 07	0.326 65468 9	1.129 1314 86	0.919 6545 14	1.386 3226 82
28	ebi-a-GC ST90027 737	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002773 7	Inverse variance weighted	5	0.171 42231 8	0.083 5789 71	0.040 2647 94	0.007 60753 4	0.335 23710 2	1.186 9919 31	1.007 6365 45	1.398 2718 79
29	ebi-a-GC ST90027 737	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002773 7	Simple mode	5	0.086 20569 2	0.145 8166 93	0.586 1827 87	-0.19 95950 27	0.372 00641 1	1.090 0305 16	0.819 0623 84	1.450 6422 81
30	ebi-a-GC ST90027 737	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002773 7	Weighted mode	5	0.056 82782 2	0.148 2681 99	0.721 0131 85	-0.23 37778 49	0.347 43349 3	1.058 4735 49	0.791 5376 38	1.415 4301 71
31	ebi-a-GC ST90027 740	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002774 0	MR Egger	6	-0.28 81603 82	0.263 1045 75	0.334 9354 93	-0.80 38453 49	0.227 52458 6	0.749 6413 54	0.447 6044 55	1.255 4883 06
32	ebi-a-GC ST90027	ebi-a-G CST004	Inflammatory bowel disease	 id:ebi-a-GC	Weighted median	6	-0.17 39767	0.095 8782	0.069 5918	-0.36 18981	0.013 94469	0.840 3164	0.696 3532	1.014 0423

	740	131	id:ebi-a-GCST004131	ST9002774 0			28	77	08	51	5	53	87	75
33	ebi-a-GC ST90027 740	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002774 0	Inverse variance weighted	6	-0.22 30303 03	0.075 5225 97	0.003 1453 9	-0.37 10545 94	-0.07 50060 12	0.800 0906 04	0.690 0062 7	0.927 7379 09
34	ebi-a-GC ST90027 740	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002774 0	Simple mode	6	-0.35 59642 27	0.158 8170 76	0.075 0875 71	-0.66 72456 97	-0.04 46827 58	0.700 4976 78	0.513 1199 21	0.956 3008 13
35	ebi-a-GC ST90027 740	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002774 0	Weighted mode	6	-0.13 65720 12	0.140 1399 61	0.374 5463 06	-0.41 12463 35	0.138 10231 2	0.872 3434 99	0.662 8236 35	1.148 0930 08
36	ebi-a-GC ST90027 750	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002775 0	MR Egger	7	-0.15 77595 32	0.249 4981 4	0.554 9675 36	-0.64 67758 86	0.331 25682 2	0.854 0551 3	0.523 7316 28	1.392 7174 26
37	ebi-a-GC ST90027 750	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002775 0	Weighted median	7	-0.13 71912 04	0.084 8019 72	0.105 7093 32	-0.30 34030 69	0.029 02066 1	0.871 8035 18	0.738 3014 5	1.029 4458 64
38	ebi-a-GC ST90027 750	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002775 0	Inverse variance weighted	7	-0.19 54006 59	0.063 5773 88	0.002 1161 32	-0.32 00123 39	-0.07 07889 79	0.822 5050 48	0.726 1400 77	0.931 6584 7

39	ebi-a-GC ST90027 750	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002775 0	Simple mode	7	-0.09 57453 6	0.133 9366 63	0.501 5524 97	-0.35 82612 2	0.166 7705	0.908 6953 77	0.698 8904 87	1.181 4830 84
40	ebi-a-GC ST90027 750	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002775 0	Weighted mode	7	-0.09 57453 6	0.123 6987 54	0.468 3105 09	-0.33 81949 17	0.146 70419 8	0.908 6953 77	0.713 0562 88	1.158 0113 7
41	ebi-a-GC ST90027 764	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002776 4	MR Egger	7	-0.14 19685 34	0.246 8015 6	0.590 0495 28	-0.62 56995 93	0.341 76252 4	0.867 6485 57	0.534 8870 94	1.407 4260 28
42	ebi-a-GC ST90027 764	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002776 4	Weighted median	7	-0.08 90734 62	0.056 5704 02	0.115 3581 68	-0.19 99514 5	0.021 80452 7	0.914 7783 7	0.818 7705 04	1.022 0439 82
43	ebi-a-GC ST90027 764	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002776 4	Inverse variance weighted	7	-0.10 75830 11	0.041 4088 53	0.009 3749 95	-0.18 87443 63	-0.02 64216 6	0.898 0019 75	0.827 9981 47	0.973 9243 38
44	ebi-a-GC ST90027 764	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002776 4	Simple mode	7	-0.06 32521 67	0.076 3542 68	0.439 1441 94	-0.21 29065 33	0.086 40219 9	0.938 7067 33	0.808 2316 77	1.090 2447 35
45	ebi-a-GC ST90027	ebi-a-G CST004	Inflammatory bowel disease	 id:ebi-a-GC	Weighted mode	7	-0.06 24847	0.078 2094	0.454 7786	-0.21 57752	0.090 80566	0.939 4273	0.805 9164	1.095 0561

	764	131	id:ebi-a-GCST004131	ST9002776 4			72	08	84	1	7	69	43	79
46	ebi-a-GC ST90027 805	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002780 5	MR Egger	6	-0.11 92224 44	0.318 1529 43	0.726 8802 34	-0.74 28022 12	0.504 35732 4	0.887 6103 35	0.475 7788 12	1.655 9209 58
47	ebi-a-GC ST90027 805	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002780 5	Weighted median	6	-0.12 03826 69	0.055 1384 23	0.029 0151 26	-0.22 84539 77	-0.01 23113 6	0.886 5811 05	0.795 7629 19	0.987 7641 15
48	ebi-a-GC ST90027 805	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002780 5	Inverse variance weighted	6	-0.10 78715 45	0.050 4881 55	0.032 6328 72	-0.20 68283 29	-0.00 89147 61	0.897 7429 09	0.813 1592 34	0.991 1248 57
49	ebi-a-GC ST90027 805	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002780 5	Simple mode	6	-0.13 14725 04	0.087 7035 98	0.194 1391 92	-0.30 33715 56	0.040 42654 8	0.876 8033 83	0.738 3247 16	1.041 2548 24
50	ebi-a-GC ST90027 805	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002780 5	Weighted mode	6	-0.12 73687	0.092 6403 23	0.227 5845 81	-0.30 89437 33	0.054 20633 2	0.880 4090 06	0.734 2220 82	1.055 7024 05
51	ebi-a-GC ST90027 820	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 0	MR Egger	8	0.359 32888 1	0.173 9140 77	0.084 3380 38	0.018 45729 1	0.700 20047 1	1.432 3678 03	1.018 6286 79	2.014 1564 48

52	ebi-a-GC ST90027 820	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 0	Weighted median	8	0.071 51928 6	0.072 2343 85	0.322 1251	-0.07 00601 09	0.213 09868 2	1.074 1388 67	0.932 3377 76	1.237 5067 64
53	ebi-a-GC ST90027 820	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 0	Inverse variance weighted	8	0.128 41435 2	0.055 8295 3	0.021 4416 92	0.018 98847 4	0.237 84023	1.137 0240 33	1.019 1699 02	1.268 5065 08
54	ebi-a-GC ST90027 820	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 0	Simple mode	8	0.048 17123 7	0.106 2956 38	0.664 1315 23	-0.16 01682 13	0.256 51068 7	1.049 3503 28	0.852 0004 59	1.292 4125 78
55	ebi-a-GC ST90027 820	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 0	Weighted mode	8	0.048 17123 7	0.095 4419 91	0.629 2545 95	-0.13 88950 65	0.235 23754	1.049 3503 28	0.870 3193 5	1.265 2092 7
56	ebi-a-GC ST90027 821	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 1	MR Egger	10	0.155 43281 1	0.198 2761 76	0.455 6677 05	-0.23 31884 93	0.544 05411 6	1.168 1634 46	0.792 0042 72	1.722 9778 74
57	ebi-a-GC ST90027 821	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 1	Weighted median	10	0.137 18237 4	0.051 6092 26	0.007 8583 07	0.036 02829	0.238 33645 7	1.147 0373 19	1.036 6851 74	1.269 1361 3
58	ebi-a-GC ST90027	ebi-a-G CST004	Inflammatory bowel disease	 id:ebi-a-GC	Inverse variance	10	0.101 25159	0.040 0008	0.011 3660	0.022 85000	0.179 65317	1.106 5550	1.023 1130	1.196 8022

	821	131	id:ebi-a-GCST004131	ST9002782 1	weighted		2	09	49	7	7	07	68	13
59	ebi-a-GC ST90027 821	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 1	Simple mode	10	0.169 00526 3	0.089 5548 57	0.091 7499 86	-0.00 65222 56	0.344 53278 2	1.184 1263 71	0.993 4989 68	1.411 3303 67
60	ebi-a-GC ST90027 821	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002782 1	Weighted mode	10	0.165 79593 3	0.076 4205 67	0.058 1589 49	0.016 01162 3	0.315 58024 4	1.180 3322 11	1.016 1404 96	1.371 0546 26
61	ebi-a-GC ST90027 837	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002783 7	MR Egger	6	0.221 75769 2	0.417 7781 04	0.623 6589 48	-0.59 70873 91	1.040 60277 6	1.248 2688 76	0.550 4124 4	2.830 9229 13
62	ebi-a-GC ST90027 837	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002783 7	Weighted median	6	0.169 83944 8	0.101 5396 44	0.094 3978 43	-0.02 91782 54	0.368 85715	1.185 1145 63	0.971 2433 21	1.446 0810 17
63	ebi-a-GC ST90027 837	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002783 7	Inverse variance weighted	6	0.234 93240 6	0.078 8977 99	0.002 9043 89	0.080 29272 1	0.389 57209 2	1.264 8232 72	1.083 6042 15	1.476 3489 17
64	ebi-a-GC ST90027 837	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002783 7	Simple mode	6	0.172 79219	0.146 6278 59	0.291 6443 17	-0.11 45984 13	0.460 18279 4	1.188 6190 73	0.891 7241 76	1.584 3635 71

65	ebi-a-GC ST90027 837	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002783 7	Weighted mode	6	0.148 55282 4	0.135 4430 62	0.322 7243 72	-0.11 69155 78	0.414 02122 6	1.160 1540 8	0.889 6602 97	1.512 8892 4
66	ebi-a-GC ST90027 848	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002784 8	MR Egger	9	-0.15 05954 53	0.090 0307 22	0.138 3019 12	-0.32 70556 69	0.025 86476 3	0.860 1956 18	0.721 0436 02	1.026 2021 58
67	ebi-a-GC ST90027 848	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002784 8	Weighted median	9	-0.05 87951 42	0.038 0950 81	0.122 7388 8	-0.13 34615	0.015 87121 6	0.942 8999 1	0.875 0611 58	1.015 9978 33
68	ebi-a-GC ST90027 848	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002784 8	Inverse variance weighted	9	-0.06 94629 32	0.029 1553 26	0.017 1949 41	-0.12 66073 71	-0.01 23184 94	0.932 8947 13	0.881 0795 42	0.987 7570 68
69	ebi-a-GC ST90027 848	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002784 8	Simple mode	9	-0.04 47467 88	0.059 9357 74	0.476 6825 9	-0.16 22209 04	0.072 72732 8	0.956 2395 83	0.850 2533 59	1.075 4372 55
70	ebi-a-GC ST90027 848	ebi-a-G CST004 131	Inflammatory bowel disease id:ebi-a-GCST004131	 id:ebi-a-GC ST9002784 8	Weighted mode	9	-0.03 92985 22	0.058 0710 58	0.517 6612 07	-0.15 31177 96	0.074 52075 2	0.961 4636 48	0.858 0286 44	1.077 3677 01

Appendix 6

	id.e xpo sure	id.outco me	outcome	exposure	method	ns np	b	se	pval	lo_ci	up_c i	or	or_l ci95	or_u ci95
1	J03 5yd	ebi-a-G CST900 27658	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a) id:ebi-a-GCST90027658	exposure	MR Egger	96	0.06 723 240 1	0.04 416 954	0.13 133 004 4	-0.01 9339 897	0.15 380 47	1.06 954 401 3	0.98 084 591 9	1.16 626 309 3
2	J03 5yd	ebi-a-G CST900 27658	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a) id:ebi-a-GCST90027658	exposure	Weighted median	96	0.05 360 143 4	0.02 745 478 9	0.05 089 633 1	-0.00 0209 952	0.10 741 282 1	1.05 506 400 6	0.99 979 007	1.11 339 379 2
3	J03 5yd	ebi-a-G CST900 27658	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a) id:ebi-a-GCST90027658	exposure	Inverse variance weighted	96	0.05 170 020 2	0.01 687 595 3	0.00 218 733	0.01 8623 335	0.08 477 706 9	1.05 305 999	1.01 879 783 1	1.08 847 438 5
4	J03 5yd	ebi-a-G CST900 27658	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a) id:ebi-a-GCST90027658	exposure	Simple mode	96	0.07 647 449	0.05 748 915 7	0.18 662 319 4	-0.03 6204 257	0.18 915 323 7	1.07 947 465 3	0.96 444 327 9	1.20 822 608 3
5	J03 5yd	ebi-a-G CST900 27658	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a) id:ebi-a-GCST90027658	exposure	Weighted mode	96	0.05 626 214 5	0.03 848 314 4	0.14 704 289 7	-0.01 9164 818	0.13 168 910 8	1.05 787 496 4	0.98 101 766	1.14 075 361 3
6	J03 5yd	ebi-a-G CST900	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia	exposure	MR Egger	96	0.10 168	0.05 248	0.05 571	-0.00 1191	0.20 455	1.10 703	0.99 880	1.22 698

		27672	les.f_Clostridiales_noname) id:ebi-a-GCST90027672				408 3	755	089 6	515	968 1	368 5	919 4	468 1
7	J03 5yd	ebi-a-G CST900 27672	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Clostridiales_noname) id:ebi-a-GCST90027672	exposure	Weighted median	96	0.03 882 681 3	0.03 137 928 1	0.21 596 118 9	-0.02 2676 577	0.10 033 020 3	1.03 959 042 5	0.97 757 860 4	1.10 553 590 9
8	J03 5yd	ebi-a-G CST900 27672	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Clostridiales_noname) id:ebi-a-GCST90027672	exposure	Inverse variance weighted	96	0.04 184 051 6	0.02 011 490 9	0.03 751 866 7	0.00 2415 295	0.08 126 573 7	1.04 272 816 7	1.00 241 821 4	1.08 465 909 3
9	J03 5yd	ebi-a-G CST900 27672	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Clostridiales_noname) id:ebi-a-GCST90027672	exposure	Simple mode	96	0.02 154 851	0.07 988 956 5	0.78 795 398 6	-0.13 5035 037	0.17 813 205 7	1.02 178 235 6	0.87 368 53	1.19 498 311 7
10	J03 5yd	ebi-a-G CST900 27672	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Clostridiales_noname) id:ebi-a-GCST90027672	exposure	Weighted mode	96	0.04 746 814 1	0.05 752 983 8	0.41 137 921 5	-0.06 5290 341	0.16 022 662 3	1.04 861 279 3	0.93 679 543 4	1.17 377 684 5
11	J03 5yd	ebi-a-G CST900 27675	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae) id:ebi-a-GCST90027675	exposure	MR Egger	96	0.04 004 424 5	0.04 471 548 5	0.37 278 913 5	-0.04 7598 105	0.12 768 659 6	1.04 085 682 6	0.95 351 692 4	1.13 619 685 8
12	J03 5yd	ebi-a-G CST900 27675	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae) id:ebi-a-GCST90027675	exposure	Weighted median	96	0.02 989 219 4	0.02 624 147 2	0.25 465 296 5	-0.02 1541 09	0.08 132 547 8	1.03 034 345 1	0.97 868 926 2	1.08 472 389 3

13	J03 5yd	ebi-a-G CST900 27675	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae) id:ebi-a-GCST90027675	exposure	Inverse variance weighted	96	0.05 607 744 8	0.01 710 539 2	0.00 104 416 1	0.02 2550 88	0.08 960 401 6	1.05 767 959 6	1.02 280 707 4	1.09 374 109 4
14	J03 5yd	ebi-a-G CST900 27675	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae) id:ebi-a-GCST90027675	exposure	Simple mode	96	0.07 350 171 7	0.06 787 672 4	0.28 160 666 6	-0.05 9536 662	0.20 654 009 5	1.07 627 038 4	0.94 220 099	1.22 941 702 7
15	J03 5yd	ebi-a-G CST900 27675	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae) id:ebi-a-GCST90027675	exposure	Weighted mode	96	0.02 505 965 3	0.04 109 281 9	0.54 343 003 9	-0.05 5482 273	0.10 560 157 8	1.02 537 628 5	0.94 602 879 4	1.11 137 899 1
16	J03 5yd	ebi-a-G CST900 27679	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Negativicutes.o_Selen omonadales.f_Veillonellaceae) id:ebi-a-GCST90027679	exposure	MR Egger	96	0.02 098 430 3	0.05 064 190 3	0.67 954 985	-0.07 8273 828	0.12 024 243 4	1.02 120 602 2	0.92 471 118	1.12 777 022 8
17	J03 5yd	ebi-a-G CST900 27679	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Negativicutes.o_Selen omonadales.f_Veillonellaceae) id:ebi-a-GCST90027679	exposure	Weighted median	96	0.03 293 267 8	0.03 129 065 4	0.29 258 098 4	-0.02 8397 004	0.09 426 236	1.03 348 096 1	0.97 200 240 2	1.09 884 800 2
18	J03 5yd	ebi-a-G CST900 27679	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Negativicutes.o_Selen omonadales.f_Veillonellaceae) id:ebi-a-GCST90027679	exposure	Inverse variance weighted	96	0.04 922 222 6	0.01 927 818 4	0.01 067 196 6	0.01 1436 985	0.08 700 746 8	1.05 045 376 3	1.01 150 263 7	1.09 090 482 6
19	J03 5yd	ebi-a-G CST900	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Negativicutes.o_Selen	exposure	Simple mode	96	0.04 778	0.06 554	0.46 775	-0.08 0684	0.17 626	1.04 894	0.92 248	1.19 275

		27679	omonadales.f_Veillonellaceae) id:ebi-a-GCST90027679				865 6	758 5	360 5	611	192 4	894 3	458 7	042 8
20	J03 5yd	ebi-a-G CST900 27679	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Negativicutes.o_Selen omonadales.f_Veillonellaceae) id:ebi-a-GCST90027679	exposure	Weighted mode	96	0.05 129 373 7	0.04 611 657 1	0.26 883 200 2	-0.03 9094 743	0.14 168 221 7	1.05 263 204 5	0.96 165 959 5	1.15 221 043 7
21	J03 5yd	ebi-a-G CST900 27683	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae) id:ebi-a-GCST90027683	exposure	MR Egger	96	0.06 720 674 5	0.04 416 856 9	0.13 146 712 9	-0.01 9363 651	0.15 377 714 1	1.06 951 657 2	0.98 082 262	1.16 623 095 2
22	J03 5yd	ebi-a-G CST900 27683	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae) id:ebi-a-GCST90027683	exposure	Weighted median	96	0.05 362 387 3	0.02 727 857 7	0.04 932 321 1	0.00 0157 863	0.10 708 988 3	1.05 508 768 1	1.00 015 787 6	1.11 303 429 3
23	J03 5yd	ebi-a-G CST900 27683	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae) id:ebi-a-GCST90027683	exposure	Inverse variance weighted	96	0.05 170 748 8	0.01 687 553 3	0.00 218 361 9	0.01 8631 443	0.08 478 353 2	1.05 306 766 2	1.01 880 609 1	1.08 848 142
24	J03 5yd	ebi-a-G CST900 27683	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae) id:ebi-a-GCST90027683	exposure	Simple mode	96	0.07 655 891 8	0.05 471 655 5	0.16 501 231 2	-0.03 0685 53	0.18 380 336 7	1.07 956 579 4	0.96 978 049 2	1.20 177 949
25	J03 5yd	ebi-a-G CST900 27683	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae) id:ebi-a-GCST90027683	exposure	Weighted mode	96	0.05 634 942 8	0.03 665 527 4	0.12 754 880 1	-0.01 5494 908	0.12 819 376 4	1.05 796 730 3	0.98 462 452	1.13 677 324 8

26	J03 5yd	ebi-a-G CST900 27689	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia) id:ebi-a-GCST90027689	exposure	MR Egger	96	0.08 862 608 5	0.06 092 563 1	0.14 909 455 7	-0.03 0788 151	0.20 804 032 1	1.09 267 201 4	0.96 968 097 7	1.23 126 281 5
27	J03 5yd	ebi-a-G CST900 27689	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia) id:ebi-a-GCST90027689	exposure	Weighted median	96	0.07 328 330 9	0.03 984 024 2	0.06 585 206 7	-0.00 4803 566	0.15 137 018 4	1.07 603 534 5	0.99 520 795 3	1.16 342 726 1
28	J03 5yd	ebi-a-G CST900 27689	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia) id:ebi-a-GCST90027689	exposure	Inverse variance weighted	96	0.04 741 995 2	0.02 339 302 6	0.04 265 240 9	0.00 1569 621	0.09 327 028 2	1.04 856 226 2	1.00 157 085 4	1.09 775 84
29	J03 5yd	ebi-a-G CST900 27689	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia) id:ebi-a-GCST90027689	exposure	Simple mode	96	0.06 273 950 5	0.09 072 633 4	0.49 092 236 7	-0.11 5084 111	0.24 056 312	1.06 474 944 1	0.89 129 117 4	1.27 196 521 8
30	J03 5yd	ebi-a-G CST900 27689	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia) id:ebi-a-GCST90027689	exposure	Weighted mode	96	0.06 631 617 9	0.06 132 397 1	0.28 225 355 4	-0.05 3878 805	0.18 651 116 3	1.06 856 452 1	0.94 754 693 8	1.20 503 807 3
31	J03 5yd	ebi-a-G CST900 27691	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Eggerthell a) id:ebi-a-GCST90027691	exposure	MR Egger	96	0.16 761 279 8	0.07 909 104 8	0.03 670 606 3	0.01 2594 344	0.32 263 125 2	1.18 247 866 4	1.01 267 398 7	1.38 075 610 5
32	J03 5yd	ebi-a-G CST900	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_	exposure	Weighted median	96	0.04 527	0.04 530	0.31 766	-0.04 3523	0.13 406	1.04 631	0.95 740	1.14 346

		27691	Coriobacteriales.f_Coriobacteriaceae.g_Eggerthella) id:ebi-a-GCST90027691				036 3	321 7	159 2	942	466 8	070 5	963 1	676 3
33	J03 5yd	ebi-a-G CST900 27691	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_Coriobacteriales.f_Coriobacteriaceae.g_Eggerthella) id:ebi-a-GCST90027691	exposure	Inverse variance weighted	96	0.06 745 594 7	0.03 053 535 9	0.02 716 703 8	0.00 7606 642	0.12 730 525 1	1.06 978 313 1	1.00 763 564 6	1.13 576 365 8
34	J03 5yd	ebi-a-G CST900 27691	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_Coriobacteriales.f_Coriobacteriaceae.g_Eggerthella) id:ebi-a-GCST90027691	exposure	Simple mode	96	0.02 467 135 7	0.11 196 242 3	0.82 606 839 4	-0.19 4774 992	0.24 411 770 6	1.02 497 821 3	0.82 301 982 4	1.27 649 457 2
35	J03 5yd	ebi-a-G CST900 27691	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_Coriobacteriales.f_Coriobacteriaceae.g_Eggerthella) id:ebi-a-GCST90027691	exposure	Weighted mode	96	0.03 976 140 9	0.08 016 612 7	0.62 104 868 2	-0.11 7364 2	0.19 688 701 8	1.04 056 247 5	0.88 926 126 5	1.21 760 646 5
36	J03 5yd	ebi-a-G CST900 27714	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridiales.f_Oscillospiraceae.g_Oscillibacter) id:ebi-a-GCST90027714	exposure	MR Egger	96	0.04 029 955	0.04 474 454 8	0.37 007 174 3	-0.04 7399 764	0.12 799 886 4	1.04 112 259 6	0.95 370 606 4	1.13 655 171 2
37	J03 5yd	ebi-a-G CST900 27714	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridiales.f_Oscillospiraceae.g_Oscillibacter) id:ebi-a-GCST90027714	exposure	Weighted median	96	0.02 939 206	0.02 522 423 3	0.24 392 548 3	-0.02 0047 438	0.07 883 155 7	1.02 982 826 9	0.98 015 217 6	1.08 202 204 8
38	J03 5yd	ebi-a-G CST900 27714	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridiales.f_Oscillospiraceae.g_Oscillibacter) id:ebi-a-GCST90027714	exposure	Inverse variance weighted	96	0.05 589 047 2	0.01 711 574 1	0.00 109 293 1	0.02 2343 62	0.08 943 732 4	1.05 748 185 4	1.02 259 510 9	1.09 355 879 1

39	J03 5yd	ebi-a-G CST900 27714	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae.g_Oscillibacter) id:ebi-a-GCST90027714	exposure	Simple mode	96	0.07 328 192 5	0.06 398 437 6	0.25 495 798 6	-0.05 2127 452	0.19 869 130 1	1.07 603 385 5	0.94 920 788	1.21 980 535 6
40	J03 5yd	ebi-a-G CST900 27714	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae.g_Oscillibacter) id:ebi-a-GCST90027714	exposure	Weighted mode	96	0.02 481 184 4	0.03 846 619 7	0.52 046 258	-0.05 0581 903	0.10 020 559 1	1.02 512 221 9	0.95 067 606 2	1.10 539 815 4
41	J03 5yd	ebi-a-G CST900 27730	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila) id:ebi-a-GCST90027730	exposure	MR Egger	96	0.05 291 149 2	0.04 253 062 8	0.21 656 355 6	-0.03 0448 538	0.13 627 152 2	1.05 433 632 4	0.97 001 034 9	1.14 599 301 4
42	J03 5yd	ebi-a-G CST900 27730	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila) id:ebi-a-GCST90027730	exposure	Weighted median	96	0.06 743 568 9	0.02 655 441 9	0.01 110 021 8	0.01 5389 028	0.11 948 235	1.06 976 146	1.01 550 804 9	1.12 691 335 3
43	J03 5yd	ebi-a-G CST900 27730	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila) id:ebi-a-GCST90027730	exposure	Inverse variance weighted	96	0.05 446 425 9	0.01 632 662 2	0.00 085 018 5	0.02 2464 08	0.08 646 443 9	1.05 597 473 4	1.02 271 829 7	1.09 031 259 5
44	J03 5yd	ebi-a-G CST900 27730	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila) id:ebi-a-GCST90027730	exposure	Simple mode	96	0.05 315 135 1	0.05 708 275 9	0.35 414 762 2	-0.05 8730 856	0.16 503 355 8	1.05 458 924 6	0.94 296 052 7	1.17 943 269 7
45	J03 5yd	ebi-a-G CST900	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri	exposure	Weighted mode	96	0.06 420	0.04 001	0.11 186	-0.01 4212	0.14 262	1.06 631	0.98 588	1.15 330

		27730	a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_Bilophila) id:ebi-a-GCST90027730				856 3	079 7	141 4	599	972 5	477	792 3	268 4
46	J03 5yd	ebi-a-G CST900 27744	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales) id:ebi-a-GCST90027744	exposure	MR Egger	96	0.06 722 004 5	0.04 416 921	0.13 139 723 2	-0.01 9351 606	0.15 379 169 6	1.06 953 079 7	0.98 083 443 5	1.16 624 792 7
47	J03 5yd	ebi-a-G CST900 27744	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales) id:ebi-a-GCST90027744	exposure	Weighted median	96	0.05 358 291 2	0.02 756 090 7	0.05 187 572 5	-0.00 0436 465	0.10 760 229	1.05 504 446 4	0.99 956 363	1.11 360 476 6
48	J03 5yd	ebi-a-G CST900 27744	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales) id:ebi-a-GCST90027744	exposure	Inverse variance weighted	96	0.05 169 524 1	0.01 687 582 8	0.00 218 931 4	0.01 8618 618	0.08 477 186 3	1.05 305 476 5	1.01 879 302 5	1.08 846 871 8
49	J03 5yd	ebi-a-G CST900 27744	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales) id:ebi-a-GCST90027744	exposure	Simple mode	96	0.07 659 106 2	0.05 322 427 7	0.15 343 017 9	-0.02 7728 52	0.18 091 064 5	1.07 960 049 7	0.97 265 238 7	1.19 830 81
50	J03 5yd	ebi-a-G CST900 27744	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales) id:ebi-a-GCST90027744	exposure	Weighted mode	96	0.05 637 485 8	0.03 807 550 4	0.14 202 030 3	-0.01 8253 13	0.13 100 284 5	1.05 799 420 7	0.98 191 244 9	1.13 997 102 5
51	J03 5yd	ebi-a-G CST900 27758	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia.s_Adlercreutzia_equolifaciens)	exposure	MR Egger	96	0.09 036 024 1	0.06 095 439 2	0.14 157 243 2	-0.02 9110 368	0.20 983 084 9	1.09 456 852 1	0.97 130 925 7	1.23 346 94

			id:ebi-a-GCST90027758											
52	J03 5yd	ebi-a-G CST900 27758	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia.s_Adlercreutzia_equolifaciens) id:ebi-a-GCST90027758	exposure	Weighted median	96	0.06 755 160 6	0.03 923 203 6	0.08 509 704 4	-0.00 9343 185	0.14 444 639 7	1.06 988 547 1	0.99 070 032 7	1.15 539 976 1
53	J03 5yd	ebi-a-G CST900 27758	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia.s_Adlercreutzia_equolifaciens) id:ebi-a-GCST90027758	exposure	Inverse variance weighted	96	0.04 755 652 6	0.02 340 926	0.04 220 164	0.00 1674 376	0.09 343 867 6	1.04 870 547 9	1.00 167 577 9	1.09 794 327 1
54	J03 5yd	ebi-a-G CST900 27758	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia.s_Adlercreutzia_equolifaciens) id:ebi-a-GCST90027758	exposure	Simple mode	96	0.07 229 032 6	0.08 716 323 1	0.40 897 575 6	-0.09 8549 606	0.24 313 025 8	1.07 496 739	0.90 615 074 1	1.27 523 472 3
55	J03 5yd	ebi-a-G CST900 27758	Gut microbiota abundance (k_Bacteria.p_Actinobacteria.c_Actinobacteria.o_ Coriobacteriales.f_Coriobacteriaceae.g_Adlercreut zia.s_Adlercreutzia_equolifaciens) id:ebi-a-GCST90027758	exposure	Weighted mode	96	0.07 229 032 6	0.06 018 356 5	0.23 267 379 3	-0.04 5669 462	0.19 025 011 4	1.07 496 739	0.95 535 769 2	1.20 955 208 5
56	J03 5yd	ebi-a-G CST900 27768	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Porphyromonadaceae.g_Parabacteroid es.s_Parabacteroides_johnsonii) id:ebi-a-GCST90027768	exposure	MR Egger	96	0.15 847 929 2	0.09 373 659 1	0.09 420 993 8	-0.02 5244 426	0.34 220 300 9	1.17 172 766	0.97 507 155	1.40 804 611 5

57	J03 5yd	ebi-a-G CST900 27768	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Porphyromonadaceae.g_Parabacteroides.s.s_Parabacteroides_johnsonii) id:ebi-a-GCST90027768	exposure	Weighted median	96	0.09 712 946 8	0.05 604 259 9	0.08 307 143 2	-0.01 2714 027	0.20 697 296 3	1.10 200 303 8	0.98 736 645 5	1.22 994 931 7
58	J03 5yd	ebi-a-G CST900 27768	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Porphyromonadaceae.g_Parabacteroides.s.s_Parabacteroides_johnsonii) id:ebi-a-GCST90027768	exposure	Inverse variance weighted	96	0.08 393 501 4	0.03 575 696 1	0.01 890 619 2	0.01 3851 369	0.15 401 865 8	1.08 755 821 5	1.01 394 774 4	1.16 651 265 1
59	J03 5yd	ebi-a-G CST900 27768	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Porphyromonadaceae.g_Parabacteroides.s.s_Parabacteroides_johnsonii) id:ebi-a-GCST90027768	exposure	Simple mode	96	0.09 947 810 9	0.12 642 778 1	0.43 333 555 4	-0.14 8320 341	0.34 727 656	1.10 459 429	0.86 215 488 7	1.41 520 806 1
60	J03 5yd	ebi-a-G CST900 27768	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Porphyromonadaceae.g_Parabacteroides.s.s_Parabacteroides_johnsonii) id:ebi-a-GCST90027768	exposure	Weighted mode	96	0.15 064 701 1	0.09 146 650 8	0.10 285 838 1	-0.02 8627 344	0.32 992 136 6	1.16 258 620 6	0.97 177 853 6	1.39 085 875 5
61	J03 5yd	ebi-a-G CST900 27781	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Rikenellaceae.g_Alistipes.s_Alistipes_ sp_AP11) id:ebi-a-GCST90027781	exposure	MR Egger	96	0.14 888 74	0.06 936 857 9	0.03 442 204 8	0.01 2924 986	0.28 484 981 4	1.16 054 230 5	1.01 300 887 5	1.32 956 233 1
62	J03 5yd	ebi-a-G CST900	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact	exposure	Weighted median	96	0.10 937	0.04 236	0.00 982	0.02 6341	0.19 240	1.11 557	1.02 669	1.21 215

		27781	eroidales.f_Rikenellaceae.g_Alistipes.s_Alistipes_sp_AP11) id:ebi-a-GCST90027781				173	232	819	575	188	696	158	756
								4	4		4	6	1	6
63	J03 5yd	ebi-a-G CST900 27781	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Rikenellaceae.g_Alistipes.s_Alistipes_ sp_AP11) id:ebi-a-GCST90027781	exposure	Inverse variance weighted	96	0.07 168 296 7	0.02 646 227 6	0.00 675 120 2	0.01 9816 905	0.12 354 902 8	1.07 431 469 7	1.02 001 456 3	1.13 150 547 9
64	J03 5yd	ebi-a-G CST900 27781	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Rikenellaceae.g_Alistipes.s_Alistipes_ sp_AP11) id:ebi-a-GCST90027781	exposure	Simple mode	96	0.08 726 384 8	0.09 614 204 7	0.36 635 699 6	-0.10 1174 564	0.27 570 226	1.09 118 454 9	0.90 377 525 3	1.31 745 554 6
65	J03 5yd	ebi-a-G CST900 27781	Gut microbiota abundance (k_Bacteria.p_Bacteroidetes.c_Bacteroidia.o_Bact eroidales.f_Rikenellaceae.g_Alistipes.s_Alistipes_ sp_AP11) id:ebi-a-GCST90027781	exposure	Weighted mode	96	0.11 568 812	0.06 431 796 8	0.07 524 330 4	-0.01 0375 096	0.24 175 133 7	1.12 264 568 7	0.98 967 854	1.27 347 748 6
66	J03 5yd	ebi-a-G CST900 27796	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae.g_Oscillibacter.s_Oscillibac ter_unclassified) id:ebi-a-GCST90027796	exposure	MR Egger	96	0.04 031 857 8	0.04 500 337	0.37 259 403	-0.04 7888 027	0.12 852 518 3	1.04 114 240 6	0.95 324 051 8	1.13 715 005 8
67	J03 5yd	ebi-a-G CST900 27796	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae.g_Oscillibacter.s_Oscillibac ter_unclassified) id:ebi-a-GCST90027796	exposure	Weighted median	96	0.03 598 935 1	0.02 667 336 1	0.17 725 285 1	-0.01 6290 437	0.08 826 913 9	1.03 664 480 7	0.98 384 153 4	1.09 228 205 8
68	J03 5yd	ebi-a-G CST900 27796	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae.g_Oscillibacter.s_Oscillibac ter_unclassified) id:ebi-a-GCST90027796	exposure	Inverse variance weighted	96	0.05 615 755 5	0.01 721 501 2	0.00 110 579 6	0.02 2416 132	0.08 989 897 8	1.05 776 432 6	1.02 266 926 1	1.09 406 375 4

69	J03 5yd	ebi-a-G CST900 27796	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae.g_Oscillibacter.s_Oscillibac ter_unclassified) id:ebi-a-GCST90027796	exposure	Simple mode	96	0.05 107 485 2	0.06 953 791 4	0.46 445 970 4	-0.08 5219 459	0.18 736 916 3	1.05 240 166 5	0.91 831 073 1	1.20 607 244
70	J03 5yd	ebi-a-G CST900 27796	Gut microbiota abundance (k_Bacteria.p_Firmicutes.c_Clostridia.o_Clostridia les.f_Oscillospiraceae.g_Oscillibacter.s_Oscillibac ter_unclassified) id:ebi-a-GCST90027796	exposure	Weighted mode	96	0.01 619 063 9	0.04 228 269 6	0.70 263 892 8	-0.06 6683 446	0.09 906 472 3	1.01 632 241 7	0.93 549 128 8	1.10 413 776 1
71	J03 5yd	ebi-a-G CST900 27813	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila.s_Bilophila_unclassified) id:ebi-a-GCST90027813	exposure	MR Egger	96	0.05 051 299 5	0.04 252 326 7	0.23 786 929 6	-0.03 2832 609	0.13 385 859 9	1.05 181 053 1	0.96 770 053	1.14 323 115 4
72	J03 5yd	ebi-a-G CST900 27813	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila.s_Bilophila_unclassified) id:ebi-a-GCST90027813	exposure	Weighted median	96	0.06 240 335 1	0.02 749 382 9	0.02 322 444 8	0.00 8515 447	0.11 629 125 5	1.06 439 158 2	1.00 855 180 7	1.12 332 299 8
73	J03 5yd	ebi-a-G CST900 27813	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila.s_Bilophila_unclassified) id:ebi-a-GCST90027813	exposure	Inverse variance weighted	96	0.05 480 465 2	0.01 632 614 3	0.00 078 831 7	0.02 2805 412	0.08 680 389 3	1.05 633 424 2	1.02 306 744 3	1.09 068 276 9
74	J03 5yd	ebi-a-G CST900 27813	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila.s_Bilophila_unclassified) id:ebi-a-GCST90027813	exposure	Simple mode	96	0.03 229 606	0.05 730 150	0.57 434 329	-0.08 0014 884	0.14 460 701	1.03 282 324	0.92 310 260	1.15 558 534

			Bilophila.s_Bilophila_unclassified) id:ebi-a-GCST90027813				3	3	8			1	7	7
75	J03 5yd	ebi-a-G CST900 27813	Gut microbiota abundance (k_Bacteria.p_Proteobacteria.c_Deltaproteobacteri a.o_Desulfovibrionales.f_Desulfovibrionaceae.g_ Bilophila.s_Bilophila_unclassified) id:ebi-a-GCST90027813	exposure	Weighted mode	96	0.05 671 333	0.03 771 650 9	0.13 598 260 5	-0.01 7211 028	0.13 063 768 8	1.05 835 236 9	0.98 293 623 6	1.13 955 483 2

Appendix 7

	id.e xpo sure	id.outc ome	outcome	exposure	exposure	method	n s n p	b	se	pval	lo_ci	up_c i	or	or_l ci95	or_u ci95
1	21j ZBi	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200694 _buildGRCh38.t sv.gz	2'-o-methylcytidine levels	MR Egger	4	0.07 6654 615	0.04 170 856 8	0.20 747 462 4	-0.00 5094 179	0.15 8403 409	1.07 9669 111	0.99 4918 775	1.17 1638 749
2	21j ZBi	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200694 _buildGRCh38.t sv.gz	2'-o-methylcytidine levels	Weighted median	4	0.06 9426 185	0.02 145 427 1	0.00 121 214 1	0.02 7375 814	0.11 1476 556	1.07 1892 937	1.02 7753 974	1.11 7927 535
3	21j ZBi	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200694 _buildGRCh38.t sv.gz	2'-o-methylcytidine levels	Inverse variance weighted	4	0.07 0936 722	0.02 152 029 4	0.00 097 977 4	0.02 8756 946	0.11 3116 497	1.07 3513 294	1.02 9174 42	1.11 9762 375
4	21j ZBi	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200694 _buildGRCh38.t sv.gz	2'-o-methylcytidine levels	Simple mode	4	0.06 8758 053	0.03 941 995 2	0.17 946 481 9	-0.00 8505 053	0.14 6021 158	1.07 1177 009	0.99 1531 013	1.15 7220 672
5	21j ZBi	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200694 _buildGRCh38.t sv.gz	2'-o-methylcytidine levels	Weighted mode	4	0.06 9145 126	0.02 224 324 4	0.05 293 965 1	0.02 5548 367	0.11 2741 885	1.07 1591 714	1.02 5877 524	1.11 9342 977
6	3pZ	ebi-a-	Inflammatory bowel	GCST90200073	1-linoleoyl-2-arachido	MR Egger	5	-0.14	0.08	0.17	-0.30	0.01	0.86	0.73	1.01

	fFR	GCST 004131	disease id:ebi-a-GCST004131	_buildGRCh38.t sv.gz	noyl-GPC (18:2/20:4n6) levels			3816 183	132 171	513 335 2	3206 735	5574 37	6046 928	8446 418	5696 282
7	3pZ fFR	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200073 _buildGRCh38.t sv.gz	1-linoleoyl-2-arachido noyl-GPC (18:2/20:4n6) levels	Weighted median	5	-0.14 1907 501	0.03 887 590 3	0.00 026 196 6	-0.21 8104 271	-0.06 5710 731	0.86 7701 514	0.80 4041 599	0.93 6401 697
8	3pZ fFR	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200073 _buildGRCh38.t sv.gz	1-linoleoyl-2-arachido noyl-GPC (18:2/20:4n6) levels	Inverse variance weighted	5	-0.13 0379 209	0.03 519 297 3	0.00 021 164 6	-0.19 9357 436	-0.06 1400 981	0.87 7762 513	0.81 9257 009	0.94 0446 063
9	3pZ fFR	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200073 _buildGRCh38.t sv.gz	1-linoleoyl-2-arachido noyl-GPC (18:2/20:4n6) levels	Simple mode	5	-0.06 9624 243	0.07 999 406	0.43 321 583 1	-0.22 6412 601	0.08 7164 114	0.93 2744 239	0.79 7389 031	1.09 1075 726
1 0	3pZ fFR	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200073 _buildGRCh38.t sv.gz	1-linoleoyl-2-arachido noyl-GPC (18:2/20:4n6) levels	Weighted mode	5	-0.14 8049 504	0.04 080 242 8	0.02 219 036 8	-0.22 8022 262	-0.06 8076 745	0.86 2388 423	0.79 6106 536	0.93 4188 777
1 1	8zm Dt0	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200710 _buildGRCh38.t sv.gz	X-13431 levels	MR Egger	5	0.02 9703 709	0.05 973 145 2	0.65 314 833 8	-0.08 7369 937	0.14 6777 356	1.03 0149 265	0.91 6338 045	1.15 8096 091
1 2	8zm Dt0	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200710 _buildGRCh38.t sv.gz	X-13431 levels	Weighted median	5	0.05 9924 782	0.02 052 059	0.00 349 777	0.01 9704 411	0.10 0145 152	1.06 1756 68	1.01 9899 825	1.10 5331 348

									7	6					
1 3	8zm Dt0	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200710 _buildGRCh38.t sv.gz	X-13431 levels	Inverse variance weighted	5	0.06 6880 847	0.02 454 507 4	0.00 643 370 3	0.01 8772 503	0.11 4989 192	1.06 9168 076	1.01 8949 814	1.12 1861 312
1 4	8zm Dt0	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200710 _buildGRCh38.t sv.gz	X-13431 levels	Simple mode	5	0.05 2597 428	0.04 542 986 8	0.31 137 969 7	-0.03 6445 113	0.14 1639 969	1.05 4005 247	0.96 4211 016	1.15 2161 76
1 5	8zm Dt0	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200710 _buildGRCh38.t sv.gz	X-13431 levels	Weighted mode	5	0.06 0280 119	0.02 091 558 1	0.04 491 959 3	0.01 9285 58	0.10 1274 658	1.06 2134 028	1.01 9472 748	1.10 6580 531
1 6	H63 vaQ	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199788 _buildGRCh38.t sv.gz	1-arachidonoyl-gpc (20:4n6) levels	MR Egger	5	-0.05 9662 846	0.05 108 001	0.32 717 924 9	-0.15 9779 666	0.04 0453 974	0.94 2082 107	0.85 2331 566	1.04 1283 382
1 7	H63 vaQ	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199788 _buildGRCh38.t sv.gz	1-arachidonoyl-gpc (20:4n6) levels	Weighted median	5	-0.09 6619 279	0.02 331 511	3.41 E-05	-0.14 2316 895	-0.05 0921 662	0.90 7901 598	0.86 7346 355	0.95 0353 116
1 8	H63 vaQ	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199788 _buildGRCh38.t sv.gz	1-arachidonoyl-gpc (20:4n6) levels	Inverse variance weighted	5	-0.11 0501 567	0.03 648 384	0.00 245 542 5	-0.18 2009 893	-0.03 8993 24	0.89 5384 927	0.83 3593 093	0.96 1757 21
1	H63	ebi-a-	Inflammatory bowel	GCST90199788	1-arachidonoyl-gpc	Simple mode	5	-0.10	0.06	0.18	-0.23	0.02	0.89	0.78	1.02

9	vaQ	GCST004131	disease id:ebi-a-GCST004131	_buildGRCh38.t sv.gz	(20:4n6) levels			7761 919	681 698 2	208 527 3	8723 203	3199 365	7841 33	7632 867	3470 563
20	H63 vaQ	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199788 _buildGRCh38.t sv.gz	1-arachidonoyl-gpc (20:4n6) levels	Weighted mode	5	-0.09 4791 638	0.02 132 589 6	0.01 129 104 1	-0.13 6590 393	-0.05 2992 882	0.90 9562 433	0.87 2327 464	0.94 8386 763
21	HLJ lhG	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200118 _buildGRCh38.t sv.gz	Glycosyl ceramide (d18:2/24:1, d18:1/24:2) levels	MR Egger	4	-0.19 7455 453	0.13 598 524 4	0.28 362 478 2	-0.46 3986 531	0.06 9075 625	0.82 0816 705	0.62 8772 023	1.07 1517 24
22	HLJ lhG	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200118 _buildGRCh38.t sv.gz	Glycosyl ceramide (d18:2/24:1, d18:1/24:2) levels	Weighted median	4	-0.17 8053 827	0.04 979 425 8	0.00 034 917 1	-0.27 5650 573	-0.08 0457 081	0.83 6897 375	0.75 9078 127	0.92 2694 504
23	HLJ lhG	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200118 _buildGRCh38.t sv.gz	Glycosyl ceramide (d18:2/24:1, d18:1/24:2) levels	Inverse variance weighted	4	-0.14 1371 677	0.05 833 571 8	0.01 537 533 4	-0.25 5709 684	-0.02 7033 671	0.86 8166 574	0.77 4366 747	0.97 3328 468
24	HLJ lhG	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200118 _buildGRCh38.t sv.gz	Glycosyl ceramide (d18:2/24:1, d18:1/24:2) levels	Simple mode	4	-0.18 3878 307	0.07 711 996	0.09 723 843 1	-0.33 5033 428	-0.03 2723 186	0.83 2037 051	0.71 5314 174	0.96 7806 425
25	HLJ lhG	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200118 _buildGRCh38.t sv.gz	Glycosyl ceramide (d18:2/24:1, d18:1/24:2) levels	Weighted mode	4	-0.18 1842 493	0.05 623 277	0.04 807 875	-0.29 2058 737	-0.07 1626 249	0.83 3732 649	0.74 6724 674	0.93 0878 748

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2 6	iJO H0 m	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200685 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-gpc (18:0/20:4) levels	MR Egger	6	-0.07 1236 038	0.03 089 675 9	0.08 242 85	-0.13 1793 686	-0.01 0678 389	0.93 1242 058	0.87 6521 815	0.98 9378 423	
2 7	iJO H0 m	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200685 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-gpc (18:0/20:4) levels	Weighted median	6	-0.08 2236 648	0.02 033 939 7	5.27 E-05	-0.12 2101 866	-0.04 2371 43	0.92 1053 967	0.88 5058 206	0.95 8513 694	
2 8	iJO H0 m	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200685 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-gpc (18:0/20:4) levels	Inverse variance weighted	6	-0.08 5631 136	0.01 965 784 8	1.32 E-05	-0.12 4160 518	-0.04 7101 754	0.91 7932 761	0.88 3238 054	0.95 3990 32	
2 9	iJO H0 m	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200685 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-gpc (18:0/20:4) levels	Simple mode	6	-0.07 6709 383	0.05 226 245 7	0.20 209 176 3	-0.17 9143 798	0.02 5725 032	0.92 6158 972	0.83 5985 678	1.02 6058 777	
3 0	iJO H0 m	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200685 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-gpc (18:0/20:4) levels	Weighted mode	6	-0.08 1186 464	0.02 076 129 8	0.01 128 963 1	-0.12 1878 609	-0.04 0494 32	0.92 2021 751	0.88 5255 824	0.96 0314 619	
3 1	iqb AU 1	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90201013 _buildGRCh38.t sv.gz	Androsterone glucuronide to etiocholanolone glucuronide ratio	MR Egger	8	-0.01 7944 152	0.04 258 491 6	0.68 816 072 8	-0.10 1410 588	0.06 5522 283	0.98 2215 885	0.90 3561 965	1.06 7716 529	

3 2	iqb AU 1	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90201013 _buildGRCh38.t sv.gz	Androsterone glucuronide to etiocholanolone glucuronide ratio	Weighted median	8	-0.04 8954 188	0.03 533 413 3	0.16 591 046 9	-0.11 8209 088	0.02 0300 712	0.95 2224 752	0.88 8510 257	1.02 0508 173
3 3	iqb AU 1	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90201013 _buildGRCh38.t sv.gz	Androsterone glucuronide to etiocholanolone glucuronide ratio	Inverse variance weighted	8	-0.08 0680 22	0.02 817 142 7	0.00 418 456 8	-0.13 5896 217	-0.02 5464 223	0.92 2488 638	0.87 2933 223	0.97 4857 256
3 4	iqb AU 1	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90201013 _buildGRCh38.t sv.gz	Androsterone glucuronide to etiocholanolone glucuronide ratio	Simple mode	8	-0.19 3628 808	0.06 083 631 6	0.01 543 076 7	-0.31 2867 988	-0.07 4389 629	0.82 3963 696	0.73 1346 453	0.92 8309 927
3 5	iqb AU 1	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90201013 _buildGRCh38.t sv.gz	Androsterone glucuronide to etiocholanolone glucuronide ratio	Weighted mode	8	-0.04 2912 306	0.03 611 088 1	0.27 344 526 2	-0.11 3689 632	0.02 7865 021	0.95 7995 397	0.89 2534 927	1.02 8256 882
3 6	Jq4 Yf3	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200902 _buildGRCh38.t sv.gz	Phosphate to linoleoyl-arachidonoyl -glycerol (18:2 to 20:4) [2] ratio	MR Egger	4	0.32 4462 747	0.12 817 565 8	0.12 699 962	0.07 3238 458	0.57 5687 037	1.38 3287 272	1.07 5987 084	1.77 8351 9
3 7	Jq4 Yf3	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200902 _buildGRCh38.t sv.gz	Phosphate to linoleoyl-arachidonoyl -glycerol (18:2 to 20:4) [2] ratio	Weighted median	4	0.13 3928 843	0.03 797 327 5	0.00 042 041 8	0.05 9501 223	0.20 8356 462	1.14 3311 462	1.06 1307 059	1.23 1652 129
3 8	Jq4 Yf3	ebi-a- GCST	Inflammatory bowel disease	GCST90200902 _buildGRCh38.t	Phosphate to linoleoyl-arachidonoyl	Inverse variance	4	0.14 0185	0.03 494	6.02 E-05	0.07 1698	0.20 8672	1.15 0486	1.07 4330	1.23 2041

		004131	id:ebi-a-GCST004131	sv.gz	-glycerol (18:2 to 20:4) [2] ratio	weighted		147	236 6		111	184	789	966	049
3 9	Jq4 Yf3	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200902 _buildGRCh38.t sv.gz	Phosphate to linoleoyl-arachidonoyl -glycerol (18:2 to 20:4) [2] ratio	Simple mode	4	0.06 3672 127	0.07 050 588 7	0.43 305 143 8	-0.07 4519 411	0.20 1863 664	1.06 5742 913	0.92 8189 457	1.22 3681 166
4 0	Jq4 Yf3	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200902 _buildGRCh38.t sv.gz	Phosphate to linoleoyl-arachidonoyl -glycerol (18:2 to 20:4) [2] ratio	Weighted mode	4	0.17 4868 519	0.04 231 525 9	0.02 570 952 6	0.09 1930 612	0.25 7806 426	1.19 1089 601	1.09 6288 751	1.29 4088 293
4 1	kK OR Jc	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199752 _buildGRCh38.t sv.gz	Epiandrosterone sulfate levels	MR Egger	5	-0.02 7537 207	0.02 738 234 6	0.38 867 029 6	-0.08 1206 605	0.02 6132 191	0.97 2838 486	0.92 2003 181	1.02 6476 631
4 2	kK OR Jc	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199752 _buildGRCh38.t sv.gz	Epiandrosterone sulfate levels	Weighted median	5	-0.04 2478 808	0.02 299 330 9	0.06 468 308 1	-0.08 7545 694	0.00 2588 077	0.95 8410 776	0.91 6177 007	1.00 2591 429
4 3	kK OR Jc	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199752 _buildGRCh38.t sv.gz	Epiandrosterone sulfate levels	Inverse variance weighted	5	-0.04 4813 876	0.02 246 074 8	0.04 602 013 8	-0.08 8836 941	-0.00 0790 811	0.95 6175 433	0.91 4994 759	0.99 9209 502
4 4	kK OR Jc	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199752 _buildGRCh38.t sv.gz	Epiandrosterone sulfate levels	Simple mode	5	-0.04 3820 93	0.06 101 829 1	0.51 236 96	-0.16 3416 78	0.07 5774 92	0.95 7125 335	0.84 9237 17	1.07 8719 748

4 5	kK OR Jc	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199752 _buildGRCh38.t sv.gz	Epiandrosterone sulfate levels	Weighted mode	5	-0.04 1196 399	0.02 378 81	0.15 834 755 8	-0.08 7821 075	0.00 5428 277	0.95 9640 639	0.91 5924 744	1.00 5443 037
4 6	lfDr S6	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199791 _buildGRCh38.t sv.gz	1-arachidonoyl-GPE (20:4n6) levels	MR Egger	4	-0.12 3993 681	0.06 052 223 1	0.17 703 072 3	-0.24 2617 253	-0.00 5370 108	0.88 3385 423	0.78 4571 748	0.99 4644 285
4 7	lfDr S6	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199791 _buildGRCh38.t sv.gz	1-arachidonoyl-GPE (20:4n6) levels	Weighted median	4	-0.11 6313 763	0.02 941 214 9	7.67 E-05	-0.17 3961 575	-0.05 8665 951	0.89 0195 869	0.84 0329 186	0.94 3021 732
4 8	lfDr S6	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199791 _buildGRCh38.t sv.gz	1-arachidonoyl-GPE (20:4n6) levels	Inverse variance weighted	4	-0.11 8698 119	0.02 873 393 4	3.61 E-05	-0.17 5016 629	-0.06 2379 609	0.88 8075 853	0.83 9443 061	0.93 9526 167
4 9	lfDr S6	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199791 _buildGRCh38.t sv.gz	1-arachidonoyl-GPE (20:4n6) levels	Simple mode	4	-0.08 6636 219	0.04 480 607 7	0.14 864 336 8	-0.17 4456 13	0.00 1183 691	0.91 7010 626	0.83 9913 7	1.00 1184 392
5 0	lfDr S6	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199791 _buildGRCh38.t sv.gz	1-arachidonoyl-GPE (20:4n6) levels	Weighted mode	4	-0.12 5392 242	0.03 189 698 7	0.02 930 745 3	-0.18 7910 336	-0.06 2874 147	0.88 2150 818	0.82 8689 007	0.93 9061 65
5 1	LTz ljX	ebi-a- GCST	Inflammatory bowel disease	GCST90200014 _buildGRCh38.t	3beta-hydroxy-5-chole stenoate levels	MR Egger	4	-0.09 3364	0.08 456	0.38 462	-0.25 9107	0.07 2378	0.91 0861	0.77 1739	1.07 5061

		004131	id:ebi-a-GCST004131	sv.gz				904	278 5	062 9	963	155	062	699	807
5 2	LTz ljX	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200014 _buildGRCh38.t sv.gz	3beta-hydroxy-5-chole stenoate levels	Weighted median	4	-0.09 4274 808	0.03 645 987 9	0.00 971 776 2	-0.16 5736 17	-0.02 2813 445	0.91 0032 644	0.84 7269 74	0.97 7444 814
5 3	LTz ljX	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200014 _buildGRCh38.t sv.gz	3beta-hydroxy-5-chole stenoate levels	Inverse variance weighted	4	-0.07 8715 129	0.03 476 428 5	0.02 355 857 1	-0.14 6853 128	-0.01 0577 131	0.92 4303 194	0.86 3420 781	0.98 9478 61
5 4	LTz ljX	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200014 _buildGRCh38.t sv.gz	3beta-hydroxy-5-chole stenoate levels	Simple mode	4	-0.07 7067 429	0.05 815 499 8	0.27 699 085 3	-0.19 1051 226	0.03 6916 368	0.92 5827 424	0.82 6090 27	1.03 7606 24
5 5	LTz ljX	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200014 _buildGRCh38.t sv.gz	3beta-hydroxy-5-chole stenoate levels	Weighted mode	4	-0.09 7546 383	0.04 137 126 7	0.09 959 572 2	-0.17 8634 067	-0.01 6458 7	0.90 7060 268	0.83 6411 914	0.98 3676 004
5 6	mH uvO h	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199846 _buildGRCh38.t sv.gz	Glycosyl-N-stearoyl-s phingosine (d18:1/18:0) levels	MR Egger	5	-0.40 7962 166	0.12 407 963	0.04 615 056 5	-0.65 1158 241	-0.16 4766 092	0.66 5004 038	0.52 1441 472	0.84 8092 057
5 7	mH uvO h	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199846 _buildGRCh38.t sv.gz	Glycosyl-N-stearoyl-s phingosine (d18:1/18:0) levels	Weighted median	5	-0.15 1135 451	0.05 992 198	0.01 166 220 8	-0.26 8582 531	-0.03 3688 371	0.85 9731 239	0.76 4462 328	0.96 6872 763

58	mH uvO h	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199846 _buildGRCh38.t sv.gz	Glycosyl-N-stearoyl-s phingosine (d18:1/18:0) levels	Inverse variance weighted	5	-0.13 3466 791	0.05 736 165 8	0.01 997 806 2	-0.24 5895 642	-0.02 1037 941	0.87 5056 528	0.78 2003 829	0.97 9181 813
59	mH uvO h	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199846 _buildGRCh38.t sv.gz	Glycosyl-N-stearoyl-s phingosine (d18:1/18:0) levels	Simple mode	5	-0.15 2046 647	0.10 135 072 5	0.20 795 015	-0.35 0694 067	0.04 6600 773	0.85 8948 212	0.70 4199 158	1.04 7703 654
60	mH uvO h	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199846 _buildGRCh38.t sv.gz	Glycosyl-N-stearoyl-s phingosine (d18:1/18:0) levels	Weighted mode	5	-0.18 8277 871	0.06 476 413 3	0.04 380 377 3	-0.31 5215 572	-0.06 1340 171	0.82 8384 491	0.72 9631 569	0.94 0503 253
61	mp 1m 0B	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199649 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-GPI (18:0/20:4) levels	MR Egger	6	-0.15 9629 31	0.08 086 390 1	0.11 961 357 1	-0.31 8122 555	-0.00 1136 065	0.85 2459 729	0.72 7513 622	0.99 8864 58
62	mp 1m 0B	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199649 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-GPI (18:0/20:4) levels	Weighted median	6	-0.15 3955 052	0.04 192 927 8	0.00 024 086 8	-0.23 6136 437	-0.07 1773 668	0.85 7310 554	0.78 9672 926	0.93 0741 529
63	mp 1m 0B	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199649 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-GPI (18:0/20:4) levels	Inverse variance weighted	6	-0.15 5477 968	0.03 454 711 2	6.78 E-06	-0.22 3190 308	-0.08 7765 628	0.85 6005 936	0.79 9962 596	0.91 5975 531
64	mp 1m	ebi-a- GCST	Inflammatory bowel disease	GCST90199649 _buildGRCh38.t	1-stearoyl-2-arachidon oyl-GPI (18:0/20:4)	Simple mode	6	-0.10 7645	0.06 449	0.15 598	-0.23 4059	0.01 8767	0.89 7945	0.79 1314	1.01 8944

	0B	004131	id:ebi-a-GCST004131	sv.gz	levels			957	655 9	417 1	213	298	451	959	51
6 5	mp 1m 0B	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90199649 _buildGRCh38.t sv.gz	1-stearoyl-2-arachidon oyl-GPI (18:0/20:4) levels	Weighted mode	6	-0.16 2269 759	0.05 041 896 5	0.02 350 681 1	-0.26 1090 93	-0.06 3448 587	0.85 0211 822	0.77 0210 881	0.93 8522 37
6 6	N0n gcN	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200603 _buildGRCh38.t sv.gz	X-23641 levels	MR Egger	6	0.45 9055 028	0.22 121 791 1	0.10 660 946 1	0.02 5467 922	0.89 2642 134	1.58 2577 787	1.02 5795 001	2.44 1572 097
6 7	N0n gcN	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200603 _buildGRCh38.t sv.gz	X-23641 levels	Weighted median	6	0.11 7219 476	0.05 707 490 2	0.03 999 667 6	0.00 5352 669	0.22 9086 283	1.12 4366 174	1.00 5367 02	1.25 7450 531
6 8	N0n gcN	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200603 _buildGRCh38.t sv.gz	X-23641 levels	Inverse variance weighted	6	0.11 4121 994	0.05 461 558 6	0.03 665 825	0.00 7075 444	0.22 1168 543	1.12 0888 858	1.00 7100 534	1.24 7533 676
6 9	N0n gcN	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200603 _buildGRCh38.t sv.gz	X-23641 levels	Simple mode	6	0.00 8358 582	0.09 840 212	0.93 560 295 5	-0.18 4509 573	0.20 1226 738	1.00 8393 613	0.83 1511 98	1.22 2902 019
7 0	N0n gcN	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200603 _buildGRCh38.t sv.gz	X-23641 levels	Weighted mode	6	0.13 2480 691	0.07 962 594 3	0.15 703 954 6	-0.02 3586 158	0.28 8547 54	1.14 1656 971	0.97 6689 821	1.33 4487 79

7 1	N5q MB 5	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200594 _buildGRCh38.t sv.gz	X-21467 levels	MR Egger	5	-0.03 9387 732	0.05 638 078	0.53 508 672	-0.14 9894 061	0.07 1118 596	0.96 1377 88	0.86 0799 164	1.07 3708 556
7 2	N5q MB 5	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200594 _buildGRCh38.t sv.gz	X-21467 levels	Weighted median	5	-0.05 1123 156	0.03 273 049 5	0.11 830 150 6	-0.11 5274 926	0.01 3028 615	0.95 0161 646	0.89 1121 118	1.01 3113 857
7 3	N5q MB 5	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200594 _buildGRCh38.t sv.gz	X-21467 levels	Inverse variance weighted	5	-0.06 4087 635	0.02 753 303 6	0.01 992 999 1	-0.11 8052 385	-0.01 0122 886	0.93 7922 801	0.88 8649 499	0.98 9928 178
7 4	N5q MB 5	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200594 _buildGRCh38.t sv.gz	X-21467 levels	Simple mode	5	-0.05 3907 565	0.04 425 826	0.29 014 679 2	-0.14 0653 755	0.03 2838 626	0.94 7519 687	0.86 8790 074	1.03 3383 764
7 5	N5q MB 5	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200594 _buildGRCh38.t sv.gz	X-21467 levels	Weighted mode	5	-0.04 9568 662	0.03 714 518 7	0.25 295 227 7	-0.12 2373 229	0.02 3235 905	0.95 1639 814	0.88 4818 067	1.02 3507 962
7 6	Obl t7n	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200707 _buildGRCh38.t sv.gz	Glycine levels	MR Egger	4	-0.07 8743 677	0.04 165 958	0.19 930 641 3	-0.16 0396 454	0.00 2909 1	0.92 4276 807	0.85 1806 02	1.00 2913 335
7 7	Obl t7n	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200707 _buildGRCh38.t sv.gz	Glycine levels	Weighted median	4	-0.06 1824 157	0.02 284 856	0.00 681 354	-0.10 6607 34	-0.01 7040 974	0.94 0048 173	0.89 8878 557	0.98 3103 402

									3	3					
7 8	Obl t7n	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200707 _buildGRCh38.t sv.gz	Glycine levels	Inverse variance weighted	4	-0.05 5425 656	0.02 697 529 3	0.03 990 970 6	-0.10 8297 231	-0.00 2554 081	0.94 6082 356	0.89 7360 833	0.99 7449 178
7 9	Obl t7n	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200707 _buildGRCh38.t sv.gz	Glycine levels	Simple mode	4	-0.08 5634 283	0.04 589 391 3	0.15 889 480 1	-0.17 5586 352	0.00 4317 787	0.91 7929 873	0.83 8964 947	1.00 4327 122
8 0	Obl t7n	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200707 _buildGRCh38.t sv.gz	Glycine levels	Weighted mode	4	-0.06 1744 699	0.02 405 473 5	0.08 272 000 6	-0.10 8891 981	-0.01 4597 418	0.94 0122 87	0.89 6827 287	0.98 5508 608
8 1	Oi8 h9v	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200470 _buildGRCh38.t sv.gz	X-11470 levels	MR Egger	6	-0.11 6149 749	0.04 676 805 3	0.06 795 376 5	-0.20 7815 133	-0.02 4484 364	0.89 0341 886	0.81 2357 201	0.97 5812 946
8 2	Oi8 h9v	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200470 _buildGRCh38.t sv.gz	X-11470 levels	Weighted median	6	-0.09 9619 439	0.04 298 173 6	0.02 046 478 3	-0.18 3863 641	-0.01 5375 237	0.90 5181 829	0.83 2049 254	0.98 4742 358
8 3	Oi8 h9v	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200470 _buildGRCh38.t sv.gz	X-11470 levels	Inverse variance weighted	6	-0.10 8584 509	0.03 242 726 9	0.00 081 234	-0.17 2141 957	-0.04 5027 061	0.89 7103 078	0.84 1859 657	0.95 5971 612

8 4	Oi8 h9v	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200470 _buildGRCh38.t sv.gz	X-11470 levels	Simple mode	6	-0.05 4788 177	0.06 111 063 4	0.41 104 775 6	-0.17 4565 019	0.06 4988 665	0.94 6685 657	0.83 9822 248	1.06 7146 929
8 5	Oi8 h9v	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200470 _buildGRCh38.t sv.gz	X-11470 levels	Weighted mode	6	-0.09 5835 736	0.05 148 168 1	0.12 172 802 2	-0.19 6739 831	0.00 5068 359	0.90 8613 256	0.82 1404 309	1.00 5081 225
8 6	t8gz 2j	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200109 _buildGRCh38.t sv.gz	Linoleoyl-arachidonoy l-glycerol (18:2/20:4) [2] levels	MR Egger	4	-0.30 8139 77	0.12 113 447	0.12 598 876 3	-0.54 5563 331	-0.07 0716 21	0.73 4812 606	0.57 9515 233	0.93 1726 269
8 7	t8gz 2j	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200109 _buildGRCh38.t sv.gz	Linoleoyl-arachidonoy l-glycerol (18:2/20:4) [2] levels	Weighted median	4	-0.13 1351 105	0.03 579 919 9	0.00 024 339 9	-0.20 1517 535	-0.06 1184 675	0.87 6909 833	0.81 7489 243	0.94 0649 51
8 8	t8gz 2j	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200109 _buildGRCh38.t sv.gz	Linoleoyl-arachidonoy l-glycerol (18:2/20:4) [2] levels	Inverse variance weighted	4	-0.13 0151 602	0.03 322 389	8.95 E-05	-0.19 5270 426	-0.06 5032 777	0.87 7962 32	0.82 2612 172	0.93 7036 75
8 9	t8gz 2j	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200109 _buildGRCh38.t sv.gz	Linoleoyl-arachidonoy l-glycerol (18:2/20:4) [2] levels	Simple mode	4	-0.04 0128 632	0.07 988 856	0.65 000 358 8	-0.19 6710 209	0.11 6452 945	0.96 0665 859	0.82 1428 641	1.12 3504 643
9 0	t8gz 2j	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200109 _buildGRCh38.t sv.gz	Linoleoyl-arachidonoy l-glycerol (18:2/20:4) [2] levels	Weighted mode	4	-0.16 5702 971	0.03 752 920	0.02 156 187	-0.23 9260 217	-0.09 2145 724	0.84 7297 869	0.78 7210 01	0.91 1972 244

									8	6					
9 1	uix qXb	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200502 _buildGRCh38.t sv.gz	X-12707 levels	MR Egger	5	-0.36 8291 759	0.29 151 849 4	0.29 571 543 4	-0.93 9668 007	0.20 3084 489	0.69 1915 28	0.39 0757 543	1.22 5175 978
9 2	uix qXb	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200502 _buildGRCh38.t sv.gz	X-12707 levels	Weighted median	5	-0.31 3903 79	0.08 888 147 9	0.00 041 287 9	-0.48 8111 489	-0.13 9696 092	0.73 0589 315	0.61 3784 439	0.86 9622 481
9 3	uix qXb	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200502 _buildGRCh38.t sv.gz	X-12707 levels	Inverse variance weighted	5	-0.30 4040 217	0.07 820 900 2	0.00 010 126 7	-0.45 7329 862	-0.15 0750 573	0.73 7831 192	0.63 2971 512	0.86 0062 195
9 4	uix qXb	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200502 _buildGRCh38.t sv.gz	X-12707 levels	Simple mode	5	-0.33 4581 438	0.13 088 267 7	0.06 288 097 1	-0.59 1111 486	-0.07 8051 391	0.71 5637 562	0.55 3711 5	0.92 4916 893
9 5	uix qXb	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200502 _buildGRCh38.t sv.gz	X-12707 levels	Weighted mode	5	-0.31 0873 207	0.11 657 942	0.05 600 262 4	-0.53 9368 871	-0.08 2377 544	0.73 2806 785	0.58 3116 158	0.92 0924 203
9 6	wW Sfq V	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200258 _buildGRCh38.t sv.gz	2-hydroxy-4-(methylthio)butanoic acid levels	MR Egger	4	0.06 6839 2	0.07 694 019 5	0.47 658 841 4	-0.08 3963 582	0.21 7641 982	1.06 9123 549	0.91 9464 741	1.24 3141 921

97	wW Sfq V	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200258 _buildGRCh38.t sv.gz	2-hydroxy-4-(methylth io)butanoic acid levels	Weighted median	4	0.07 6064 033	0.02 648 678 5	0.00 408 176 1	0.02 4149 935	0.12 7978 131	1.07 9031 665	1.02 4443 906	1.13 6528 147
98	wW Sfq V	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200258 _buildGRCh38.t sv.gz	2-hydroxy-4-(methylth io)butanoic acid levels	Inverse variance weighted	4	0.07 6670 223	0.03 206 844 3	0.01 681 029 6	0.01 3816 074	0.13 9524 371	1.07 9685 962	1.01 3911 958	1.14 9726 825
99	wW Sfq V	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200258 _buildGRCh38.t sv.gz	2-hydroxy-4-(methylth io)butanoic acid levels	Simple mode	4	0.07 3803 131	0.04 691 764 8	0.21 376 597 1	-0.01 8155 459	0.16 5761 721	1.07 6594 836	0.98 2008 358	1.18 0291 829
100	wW Sfq V	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200258 _buildGRCh38.t sv.gz	2-hydroxy-4-(methylth io)butanoic acid levels	Weighted mode	4	0.07 3803 131	0.02 852 377	0.08 125 504 1	0.01 7896 542	0.12 9709 721	1.07 6594 836	1.01 8057 644	1.13 8497 853
101	Xm Wto H	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200153 _buildGRCh38.t sv.gz	(N(1) + N(8))-acetylspermidin e levels	MR Egger	6	-0.11 0585 212	0.06 769 924 9	0.17 770 650 9	-0.24 3275 74	0.02 2105 317	0.89 5310 036	0.78 4055 288	1.02 2351 45
102	Xm Wto H	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200153 _buildGRCh38.t sv.gz	(N(1) + N(8))-acetylspermidin e levels	Weighted median	6	-0.07 1403 312	0.03 611 233 7	0.04 801 277 4	-0.14 2183 494	-0.00 0623 131	0.93 1086 298	0.86 7462 068	0.99 9377 063
103	Xm Wto	ebi-a- GCST	Inflammatory bowel disease	GCST90200153 _buildGRCh38.t	(N(1) + N(8))-acetylspermidin	Inverse variance	6	-0.06 1091	0.03 108	0.04 935	-0.12 2011	-0.00 0170	0.94 0737	0.88 5137	0.99 9829

3	H	004131	id:ebi-a-GCST004131	sv.gz	e levels	weighted		47	188	626 2	954	986	186	787	028
1 0 4	Xm Wto H	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200153 _buildGRCh38.t sv.gz	(N(1) + N(8))-acetylspermidin e levels	Simple mode	6	-0.08 9222 433	0.04 654 802 3	0.11 339 555 4	-0.18 0456 557	0.00 2011 692	0.91 4642 105	0.83 4888 95	1.00 2013 717
1 0 5	Xm Wto H	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200153 _buildGRCh38.t sv.gz	(N(1) + N(8))-acetylspermidin e levels	Weighted mode	6	-0.07 5553 307	0.03 848 554 9	0.10 685 492 4	-0.15 0984 982	-0.00 0121 631	0.92 7230 302	0.85 9860 612	0.99 9878 376
1 0 6	YIN ZRj	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200794 _buildGRCh38.t sv.gz	Oleoyl-linoleoyl-glyce rol (18:1 to 18:2) [2] to linoleoyl-arachidonoyl -glycerol (18:2 to 20:4) [1] ratio	MR Egger	4	0.10 4484 604	0.06 566 353 7	0.25 254 472 3	-0.02 4215 929	0.23 3185 137	1.11 0138 302	0.97 6074 924	1.26 2615 215
1 0 7	YIN ZRj	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200794 _buildGRCh38.t sv.gz	Oleoyl-linoleoyl-glyce rol (18:1 to 18:2) [2] to linoleoyl-arachidonoyl -glycerol (18:2 to 20:4) [1] ratio	Weighted median	4	0.10 6070 94	0.02 662 412 8	6.78 E-05	0.05 3887 649	0.15 8254 232	1.11 1900 752	1.05 5366 024	1.17 1463 981
1 0 8	YIN ZRj	ebi-a- GCST 004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200794 _buildGRCh38.t sv.gz	Oleoyl-linoleoyl-glyce rol (18:1 to 18:2) [2] to linoleoyl-arachidonoyl	Inverse variance weighted	4	0.10 1279 436	0.02 881 660 5	0.00 044 038 3	0.04 4798 89	0.15 7759 981	1.10 6585 818	1.04 5817 514	1.17 0885 127

					-glycerol (18:2 to 20:4) [1] ratio										
109	YIN ZRj	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200794_buildGRCh38.tsv.gz	Oleoyl-linoleoyl-glycerol (18:1 to 18:2) [2] to linoleoyl-arachidonoyl-glycerol (18:2 to 20:4) [1] ratio	Simple mode	4	0.106555719	0.059425474	0.170857284	-0.009918211	0.223029648	1.112439908	0.990130812	1.249857629
110	YIN ZRj	ebi-a-GCST004131	Inflammatory bowel disease id:ebi-a-GCST004131	GCST90200794_buildGRCh38.tsv.gz	Oleoyl-linoleoyl-glycerol (18:1 to 18:2) [2] to linoleoyl-arachidonoyl-glycerol (18:2 to 20:4) [1] ratio	Weighted mode	4	0.108228822	0.028256218	0.031354842	0.052846635	0.16361101	1.114302694	1.054267945	1.17775609

Appendix 8

	id.exposure	id.outcome	outcome	exposure	method	Q	Q_df	Q_pval
1	ebi-a-GCST900278 20	GCST90199791_build GRCh38	GCST90199791_build GRCh38	 id:ebi-a-GCST90027 820	MR Egger	5.532956 967	7	0.595211 67
2	ebi-a-GCST900278 20	GCST90199791_build GRCh38	GCST90199791_build GRCh38	 id:ebi-a-GCST90027 820	Inverse variance weighted	5.560393 144	8	0.696340 148
1	ebi-a-GCST900276 90	GCST90200707_build GRCh38	GCST90200707_build GRCh38	 id:ebi-a-GCST90027 690	MR Egger	5.875550 865	6	0.437274 517
2	ebi-a-GCST900276 90	GCST90200707_build GRCh38	GCST90200707_build GRCh38	 id:ebi-a-GCST90027 690	Inverse variance weighted	5.884108 155	7	0.553344 903
1	ebi-a-GCST900278 48	GCST90200118_build GRCh38	GCST90200118_build GRCh38	 id:ebi-a-GCST90027 848	MR Egger	0.971766 537	7	0.995271 214
2	ebi-a-GCST900278 48	GCST90200118_build GRCh38	GCST90200118_build GRCh38	 id:ebi-a-GCST90027 848	Inverse variance weighted	3.168233 38	8	0.923360 429
1	ebi-a-GCST900276 63	GCST90200109_build GRCh38	GCST90200109_build GRCh38	 id:ebi-a-GCST90027 663	MR Egger	6.828831 342	6	0.336967 395
2	ebi-a-GCST900276 63	GCST90200109_build GRCh38	GCST90200109_build GRCh38	 id:ebi-a-GCST90027	Inverse variance weighted	7.521020 145	7	0.376715 091

				663				
1	ebi-a-GCST900277 37	GCST90200109_build GRCh38	GCST90200109_build GRCh38	 id:ebi-a-GCST90027 737	MR Egger	6.827273 316	6	0.337116 796
2	ebi-a-GCST900277 37	GCST90200109_build GRCh38	GCST90200109_build GRCh38	 id:ebi-a-GCST90027 737	Inverse variance weighted	7.520838 803	7	0.376732 503
1	ebi-a-GCST900276 96	GCST90199752_build GRCh38	GCST90199752_build GRCh38	 id:ebi-a-GCST90027 696	MR Egger	2.780142 082	5	0.733836 402
2	ebi-a-GCST900276 96	GCST90199752_build GRCh38	GCST90199752_build GRCh38	 id:ebi-a-GCST90027 696	Inverse variance weighted	2.858152 417	6	0.826428 082
1	ebi-a-GCST900277 64	GCST90199752_build GRCh38	GCST90199752_build GRCh38	 id:ebi-a-GCST90027 764	MR Egger	2.782990 396	5	0.733399 08
2	ebi-a-GCST900277 64	GCST90199752_build GRCh38	GCST90199752_build GRCh38	 id:ebi-a-GCST90027 764	Inverse variance weighted	2.873257 57	6	0.824578 015