

Sample		ID	size	case	control		
PBC		ebi-a-GCST90061440	24510	8021	16489		
Stroke	(1) any stroke = AS	MEGASTROKE.1.AS.	44669 6	4058 5	406111		
	(2) any ischemic stroke = AIS	MEGASTROKE.2.AIS.	44032 8	3421 7	406111		
	(3) large artery stroke = LAS	MEGASTROKE.3.LAS.	41048 4	4373	406111		
	(4) cardioembolic stroke = CES	MEGASTROKE.4.CES.	41330 4	7193	406111		
	(5) small vessel stroke = SVS	MEGASTROKE.5.SVS	41149 7	5386	406111		
immune cell	Treg	ebi-a-GCST90001505	3437				

PBCIV

ch r. ex po su re	po s. ex po su re	be ta. ex po su re	se .e xp os ur e	pv al. ex po su re	sam ples ize. exp osu re	id.e xpo sur e	S N P	effe ct_a llele .exp osur e	oth er_ allel e.ex pos ure	ea f.e xp os ur e	exposure	mr _ke ep. exp osu re	pval _ori gin. exp osu re	data _so urce .exp osur e	R 2	F
1	67 82 01 94	- 0. 43 93 62	0. 0 2 6 1 4 3 4	6. 61 E- 63	245 10	ebi- a- GCS T90 061 440	rs 6 6 7 9 3 5 6	T	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 1 1 3 9 2	2 8 2. 4 1 3 3 5
1	11 70 65 08 3	- 0. 20 80 37	0. 0 3 7 4 6 6 6	2. 81 E- 08	245 10	ebi- a- GCS T90 061 440	rs 1 0 8 0 2 1 9 1	A	T	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 2 5 6	3 0. 8 2 8 8 4
1	15 76 70 29 0	- 0. 12 21 96	0. 0 2 1 6	1. 59 E- 08	245 10	ebi- a- GCS T90	rs 9 4 5 6	G	C	N A	Primary biliary cholangitis id:ebi- a-	TR UE	rep orte d	igd	0. 0 0 1 3	3 1. 9 3

			2 2 7			061 440	3 5				GCST9006 1440				0 1	4 4
1	19 77 80 96 6	0. 21 78 95	0. 0 2 5 4 0 4 2	9. 75 E- 18	245 10	ebi- a- GCS T90 061 440	rs 1 2 1 2 3 1 6 9	A	T	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 2 9 9 3	7 3. 5 6 1 0 7
1	20 10 15 78 3	- 0. 13 75 35	0. 0 2 3 4 7 7 4	4. 68 E- 09	245 10	ebi- a- GCS T90 061 440	rs 3 9 1 3 8 9 3	G	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 3 9 8	3 4. 3 1 5 5 5
1	25 23 72 3	0. 13 41 67	0. 0 2 2 6 1 6	2. 99 E- 09	245 10	ebi- a- GCS T90 061 440	rs 8 6 7 4 3 6	T	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 4 3 4	3 5. 1 9 0 4 1
2	13 53 41 20 0	- 0. 13 93 05	0. 0 2 3 0 6 4 6	1. 54 E- 09	245 10	ebi- a- GCS T90 061 440	rs 8 5 9 7 6 7	G	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 4 8 6	3 6. 4 7 5 9 1
2	25 51 43 33	0. 13 66 69	0. 0 2 2 0 0 0 9	5. 23 E- 10	245 10	ebi- a- GCS T90 061 440	rs 3 4 6 5 5 3 0 0	T	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 5 7 2	3 8. 5 8 5 4 6
2	19 15 43	0. 28	0. 0 2	2. 40	245 10	ebi- a- GCS	rs 3 7	C	T	N A	Primary biliary cholangitis	TR UE	rep orte d	igd	0. 0 0	9 4. 5

	96 2	95 03	9 7 7 1 9	E- 22		T90 061 440	7 1 3 1 7				id:ebi- a- GCST9006 1440				3 8 4 3	4 9 1 4
3	16 94 84 51	0. 13 91 28	0. 0 2 2 6 6 1 7	8. 29 E- 10	245 10	ebi- a- GCS T90 061 440	rs 2 1 9 7 0 1 7	G	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 5 3 5	3 7. 6 8 8 4 8
3	15 97 33 52 7	- 0. 35 30 93	0. 0 2 2 4 3 9 6	1. 96 E- 55	245 10	ebi- a- GCS T90 061 440	rs 5 8 9 4 4 6	T	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 1 0 0 0 1	2 4 7. 5 7 8 3
3	25 38 35 87	0. 16 30 94	0. 0 2 1 5 3 6 5	3. 65 E- 14	245 10	ebi- a- GCS T90 061 440	rs 6 5 5 0 9 6 5	A	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 2 3 3 4	5 7. 3 4 4 3
3	11 92 19 93 4	- 0. 29 90 09	0. 0 2 8 9 3 9 3	5. 54 E- 25	245 10	ebi- a- GCS T90 061 440	rs 2 2 9 3 3 7 0	A	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 4 3 3 7	1 0 6. 7 4 7 3
4	10 35 40 78 0	0. 21 64 21	0. 0 2 2 0 8 9 8	1. 56 E- 22	245 10	ebi- a- GCS T90 061 440	rs 7 6 7 4 6 4 0	T	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 3 9 0 1	9 5. 9 7 9 7 9

5	35 88 11 30	- 0. 22 36 62	0. 0 2 5 1 5 5 3	6. 15 E- 19	245 10	ebi- a- GCS T90 061 440	rs 3 5 4 6 7 8 0 1	GT	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 3 2 1 5	7 9. 0 4 7 8 3
5	15 87 59 90 0	- 0. 14 42 33	0. 0 2 1 6 1 4 2	2. 50 E- 11	245 10	ebi- a- GCS T90 061 440	rs 2 5 4 6 8 9 0	G	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 8 1 4	4. 5 2 6 1 1 9
6	29 30 39 01	0. 15 90 67	0. 0 2 8 9 2 7 5	3. 82 E- 08	245 10	ebi- a- GCS T90 061 440	rs 3 5 1 2 7 0 6 5	T	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 2 3 2	3 0. 2 3 4 5 1
6	31 02 08 21	0. 18 01 74	0. 0 2 1 9 1 2 3	2. 00 E- 16	245 10	ebi- a- GCS T90 061 440	rs 3 1 3 1 7 8 9	G	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 2 7 5 1	6 7. 6 0 4 0 7
6	32 65 75 78	0. 47 04 54	0. 0 2 1 6 5 5 6	3. 68 E- 10 4	245 10	ebi- a- GCS T90 061 440	rs 7 7 7 4 4 3 4	C	T	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 1 8 8 9 2	4 7 1. 9 0 9 2
6	33 04 92 11	0. 41 05 49	0. 0 2 2 4	1. 50 E- 74	245 10	ebi- a- GCS T90	rs 9 2 8 9	T	C	N A	Primary biliary cholangitis id:ebi- a-	TR UE	rep orte d	igd	0. 0 1 3 4	3 3. 8 3

			6 9			061 440	7 6				GCST9006 1440				3 8	1 3
6	13 79 73 06 8	0. 16 11 59	0. 0 2 5 4 2 1 6	2. 31 E- 10	245 10	ebi- a- GCS T90 061 440	rs 2 3 2 7 8 3 2	G	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 6 3 7	4 0. 1 8 5 3 7
7	20 37 88 01	0. 12 85 38	0. 0 2 3 4 3 1 3	4. 12 E- 08	245 10	ebi- a- GCS T90 061 440	rs 7 8 0 5 2 1 8	A	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 2 2 6	3 0. 0 9 0 8 8
7	12 86 17 46 6	0. 42 02	0. 0 3 1 3 4 5 2	8. 57 E- 41	245 10	ebi- a- GCS T90 061 440	rs 1 2 5 3 1 7 1 1	G	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 7 2 7 9	1 7 9. 6 9 4 4
7	37 38 24 65	0. 25 32 64	0. 0 3 5 0 1 2	4. 70 E- 13	245 10	ebi- a- GCS T90 061 440	rs 6 0 6 0 0 0 3	G	T	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 2 1 3	5 2. 3 2 1 1 9
9	10 07 41 91 2	- 0. 14 91 72	0. 0 2 6 7 8 5 7	2. 56 E- 08	245 10	ebi- a- GCS T90 061 440	rs 1 1 3 9 0 0 0 3	GA	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 2 6 4	3 1. 0 1 2 2 4

10	50 02 53 96	- 0. 14 37 72	0. 0 2 2 7 0 5 5	2. 42 E- 10	245 10	ebi- a- GCS T90 061 440	rs 7 0 9 7 3 9 7	A	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 6 3 3	4 0. 0 9 1 3 3 8
11	11 87 40 86 4	0. 36 70 95	0. 0 2 9 7 4 3 2	5. 39 E- 35	245 10	ebi- a- GCS T90 061 440	rs 4 9 3 6 4 4 3	T	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 6 1 7 7	1 5 2. 3 1 6 2
11	64 62 32	0. 12 16 45	0. 0 2 2 6 4 2	4. 66 E- 08	245 10	ebi- a- GCS T90 061 440	rs 7 1 3 0 3 3 9	A	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 2 1 6	2 9. 8 4 9 6 3
11	64 11 04 22	- 0. 14 60 03	0. 0 2 2 7 7 5 8	1. 45 E- 10	245 10	ebi- a- GCS T90 061 440	rs 1 1 6 0 1 8 6 0	T	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 6 7 4	4 1. 0 9 0 4 4
11	11 12 39 36 5	0. 12 83 26	0. 0 2 2 6 8 3	8. 28 E- 09	245 10	ebi- a- GCS T90 061 440	rs 1 2 4 1 9 6 3 4	C	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 3 5 3	3 3. 2 0 6 2 4
12	11 19 07 43 1	- 0. 19 12 53	0. 0 2 1 4	5. 50 E- 19	245 10	ebi- a- GCS T90	rs 3 5 3 5	AC	A	N A	Primary biliary cholangitis id:ebi- a-	TR UE	rep orte d	igd	0. 0 0 3 2	7 9. 2 6 6

			8 0 6			061 440	0 6 5 1				GCST9006 1440				2 4	2 4
12	64 40 00 9	0. 17 97 59	0. 0 2 1 6 9 9	1. 19 E- 16	245 10	ebi- a- GCS T90 061 440	rs 1 8 0 0 6 9 3	C	T	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 2 7 9 2	6 8. 6 2 2 4 8
13	43 05 50 02	0. 15 51 25	0. 0 2 1 5 3 2	5. 83 E- 13	245 10	ebi- a- GCS T90 061 440	rs 9 5 3 3 1 2 2	G	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 2 1 1 3	5 1. 8 9 9 0 5
13	50 81 12 20	- 0. 45 18 84	0. 0 5 0 1 6 9	2. 14 E- 19	245 10	ebi- a- GCS T90 061 440	rs 9 5 9 1 3 2 5	C	T	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 3 2 9 9	8 1. 1 2 3 6 7
14	93 11 47 87	- 0. 19 51 58	0. 0 2 9 3 3 7 8	2. 89 E- 11	245 10	ebi- a- GCS T90 061 440	rs 7 2 6 9 9 8 6 6	A	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 8 0 2	4 4. 2 4 6 8 3
14	68 74 99 27	- 0. 20 30 16	0. 0 2 4 3 6 9 7	8. 31 E- 17	245 10	ebi- a- GCS T90 061 440	rs 3 7 8 4 0 9 9	A	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 2 8 2 4	6 9. 3 9 4 4 5

14	103564807	0.316412	0.0244524	2.73E-38	24510	ebi-a-GCS T90 061 440	rs59643720	C	A	N A	Primary biliary cholangitis id:ebi-a-GCST9006 1440	TR UE	rep orte d	igd	0.067275	174278
16	27403469	0.20264	0.0328117	6.58E-10	24510	ebi-a-GCS T90 061 440	rs1119132	G	A	N A	Primary biliary cholangitis id:ebi-a-GCST9006 1440	TR UE	rep orte d	igd	0.01354	3813796
16	11174365	-0.239954	0.0237919	6.69E-24	24510	ebi-a-GCS T90 061 440	rs9652601	A	G	N A	Primary biliary cholangitis id:ebi-a-GCST9006 1440	TR UE	rep orte d	igd	0.04133	107937
16	11347858	-0.199551	0.0240186	1.01E-16	24510	ebi-a-GCS T90 061 440	rs4780355	C	T	N A	Primary biliary cholangitis id:ebi-a-GCST9006 1440	TR UE	rep orte d	igd	0.0288	69032
16	68036939	0.211743	0.031246	1.23E-11	24510	ebi-a-GCS T90 061 440	rs79577483	G	A	N A	Primary biliary cholangitis id:ebi-a-GCST9006 1440	TR UE	rep orte d	igd	0.0187	4915
16	86019271	-0.273228	0.0268	2.82E-24	24510	ebi-a-GCS T90	rs11111	A	G	N A	Primary biliary cholangitis id:ebi-a-	TR UE	rep orte d	igd	0.042	10345

			6 2			061 440	7 4 3 2				GCST9006 1440				0 3	1 9
17	38 05 13 48	0. 25 96 33	0. 0 2 1 5 2 5 8	1. 75 E- 33	245 10	ebi- a- GCS T90 061 440	rs 8 0 6 7 3 7 8	G	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 5 9	1 4 5. 4 6 7 4
18	67 52 60 26	- 0. 12 77 39	0. 0 2 1 4 9 2 1	2. 79 E- 09	245 10	ebi- a- GCS T90 061 440	rs 1 8 0 8 0 9 4	C	T	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 1 4 3 9	3 5. 3 2 2 7
19	50 92 67 42	- 0. 27 43 19	0. 0 2 3 9 7 4 7	2. 65 E- 30	245 10	ebi- a- GCS T90 061 440	rs 3 7 4 5 5 1 6	G	A	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 5 3 1 3	1 3 0. 9 0 9 1
19	10 47 56 52	- 0. 20 52 45	0. 0 2 4 4 2 9 5	4. 43 E- 17	245 10	ebi- a- GCS T90 061 440	rs 2 3 0 4 2 5 6	A	C	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 2 8 7 2	7 0. 5 7 9 8 2
22	39 74 00 78	- 0. 21 77 63	0. 0 2 1 8 7 2 4	2. 37 E- 23	245 10	ebi- a- GCS T90 061 440	rs 1 3 7 6 8 7	A	G	N A	Primary biliary cholangitis id:ebi- a- GCST9006 1440	TR UE	rep orte d	igd	0. 0 0 4 0 2 8	9 9. 1 1 5 1 1

	SN P	effect_ allele. expos ure	other_ allele. expos ure	eaf. exp osu re	beta .exp osur e	se. exp osu re	pval .exp osur e	ex po su re	mr_k eep.e xposu re	pval_ origin. expos ure	id.e xpo sur e	data_s ource. expos ure	R2	F
2 4	rs4 942 561	T	G	0.7 581	0.06 4	0.0 107	2.05 E-09	ex po su re	TRUE	report ed	pz UIT J	textfile	0. 00 15 02	67 2. 07 13
4 2	rs2 107 595	A	G	0.1 671	0.08 03	0.0 121	3.59 E-11	ex po su re	TRUE	report ed	pz UIT J	textfile	0. 00 17 95	80 3. 19 45
1 1 9	rs1 537 375	T	C	0.4 979	- 0.05 19	0.0 091	1.24 E-08	ex po su re	TRUE	report ed	pz UIT J	textfile	0. 00 13 47	60 2. 41 04
1 7 4	rs4 759 37	A	C	0.1 318	0.07 57	0.0 137	2.92 E-08	ex po su re	TRUE	report ed	pz UIT J	textfile	0. 00 13 11	58 6. 59 32
2 4 9	rs1 124 267 8	T	C	0.2 551	0.06 43	0.0 105	8.71 E-10	ex po su re	TRUE	report ed	pz UIT J	textfile	0. 00 15 71	70 2. 99 69
2 6 8	rs2 634 074	A	T	0.7 885	- 0.08 4	0.0 112	6.56 E-14	ex po su re	TRUE	report ed	pz UIT J	textfile	0. 00 23 53	10 53 .7 41
3 1 8	rs1 158 786 0	C	G	0.3 545	- 0.06 89	0.0 098	2.54 E-12	ex po su re	TRUE	report ed	pz UIT J	textfile	0. 00 21 73	97 2. 60 3
3 2 4	rs1 077 462 4	A	G	0.5 285	- 0.06 54	0.0 094	4.04 E-12	ex po su re	TRUE	report ed	pz UIT J	textfile	0. 00 21 32	95 4. 22 12

AISIV

	SN P	effect_ allele. expos ure	other_ allele. expos ure	eaf. exp osu re	beta .exp osur e	se. exp osu re	pval .exp osur e	ex po su re	mr_k eep.e xposu re	pval_ origin. expos ure	id.e xpo sur e	data_s ource. expos ure	R2	F
2 3	rs4 942 561	T	G	0.7 59	0.06 55	0.0 116	1.77 E-08	ex po	TRUE	report ed	lxB a3 w	textfile	0. 00	70 2.

								su re					15 7	20 47
4 0	rs2 107 595	A	G	0.1 673	0.08 82	0.0 132	2.33 E-11	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 21 67	97 0. 29 58
6 9	rs4 732 38	T	C	0.1 326	0.08 31	0.0 147	1.65 E-08	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 15 89	71 0. 71 51
8 7	rs3 184 504	T	C	0.4 722	0.07 79	0.0 101	1.23 E-14	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 30 25	13 55 .2 71
1 2 8	rs3 431 190 6	T	C	0.5 976	- 0.06 49	0.0 113	1.07 E-08	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 20 26	90 6. 73 16
1 9 9	rs2 758 612	T	C	0.6 453	0.06 53	0.0 111	3.68 E-09	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 19 52	87 3. 65 08
2 0 8	rs1 124 267 8	T	C	0.2 55	0.07 23	0.0 114	2.70 E-10	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 19 86	88 8. 94 84
2 2 2	rs2 634 074	A	T	0.7 877	- 0.09 41	0.0 121	5.91 E-15	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 29 62	13 26 .8 39
2 3 6	rs6 356 34	T	C	0.1 921	0.07 72	0.0 134	9.18 E-09	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 18 5	82 7. 87 32
2 5 3	rs2 066 864	A	G	0.2 452	0.06 34	0.0 115	3.51 E-08	ex po su re	TRUE	report ed	lxB a3 w	textfile	0. 00 14 88	66 5. 60 66

CESIV

	SNP	effect _allele .expos ure	other_ allele. expos ure	eaf. exp osu re	beta .exp osur e	se. exp osu re	pval .exp osur e	ex po su re	mr_k eep.e xposu re	pval_ origin. expos ure	id. exp osu re	data_s ource. expos ure	R2	F
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97	rs6838973	T	C	0.4341	-0.1079	0.0196	3.58E-08	exposure	TRUE	reported	5KWqZ4	textfile	0.00572	2377.723
108	rs2466455	T	C	0.7826	-0.2992	0.0222	2.75E-41	exposure	TRUE	reported	5KWqZ4	textfile	0.030462	12985.39
119	rs12932445	T	C	0.8195	-0.1758	0.0245	6.88E-13	exposure	TRUE	reported	5KWqZ4	textfile	0.009143	3813.735
256	rs146390073	T	C	0.0215	0.6688	0.1195	2.20E-08	exposure	TRUE	reported	5KWqZ4	textfile	0.01882	7927.581

LASIV

	SNP	effect_allele.exposure	other_allele.exposure	eaf.exp osure	beta.exp osure	se.exp osure	pval.exp osure	ex po su re	mr_k eep.e xposu re	pval_o rigin.e xposu re	id.e xpo sur e	data_s ource. expos ure	R2	F
4	rs2107595	A	G	0.1677	0.2358	0.0319	1.44E-13	exposure	TRUE	reported	spy6eP	textfile	0.015521	6471.7
31	rs10820405	A	G	0.1847	-0.1812	0.0331	4.51E-08	exposure	TRUE	reported	spy6eP	textfile	0.009889	4099.593
42	rs476762	A	T	0.133	0.201	0.0353	1.22E-08	exposure	TRUE	reported	spy6eP	textfile	0.009317	3860.579
46	rs7610618	T	C	0.013	0.8449	0.149	1.44E-08	exposure	TRUE	reported	spy6eP	textfile	0.018319	7659.931

SVSIV

	SNP	effect_allele.exposure	other_allele.exposure	eaf.exp osure	beta.exp osure	se.exp osure	pval.exp osure	ex po su re	mr_k eep.e xposu re	pval_ origin. expos ure	id.e xpo sur e	data_s ource. expos ure	R2	F
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3	rs3 581 874 2	T	C	0.8 656	- 0.16 74	0.0 329	3.65 E-07	ex po su re	TRUE	report ed	zT6 Ks Q	textfile	0. 00 65 2	27 00 .6 17
6	rs1 491 639 95	T	C	0.1 256	- 0.19 45	0.0 368	1.22 E-07	ex po su re	TRUE	report ed	zT6 Ks Q	textfile	0. 00 83 09	34 47 .9 21
9	rs7 766 042	T	C	0.8 984	- 0.21 29	0.0 397	7.97 E-08	ex po su re	TRUE	report ed	zT6 Ks Q	textfile	0. 00 82 75	34 33 .3 48
1 3	rs7 657 618 2	A	G	0.9 788	- 0.44 36	0.0 844	1.46 E-07	ex po su re	TRUE	report ed	zT6 Ks Q	textfile	0. 00 81 67	33 88 .1 98
2 9	rs1 244 502 2	A	G	0.3 367	0.13 01	0.0 244	9.26 E-08	ex po su re	TRUE	report ed	zT6 Ks Q	textfile	0. 00 75 6	31 34 .7 15
3 0	rs6 122 685 6	T	C	0.1 971	0.15 95	0.0 315	4.25 E-07	ex po su re	TRUE	report ed	zT6 Ks Q	textfile	0. 00 80 52	33 40 .2 2

Heterogeneity

expo sure	outcome	exposure	method	Q	Q _d f	Q_p val
PBC	AS	Primary biliary cholangitis id:ebi-a-GCST90061440	MR Egger	39.2 250 6	31	0.14 746 4
PBC	AS	Primary biliary cholangitis id:ebi-a-GCST90061440	Inverse variance weighted	41.2 678 7	32	0.12 630 6
PBC	SVS	Primary biliary cholangitis id:ebi-a-GCST90061440	MR Egger	43.4 896 1	31	0.06 749 3
PBC	SVS	Primary biliary cholangitis id:ebi-a-GCST90061440	Inverse variance weighted	44.0 800 8	32	0.07 573
PBC	LAS	Primary biliary cholangitis id:ebi-a-GCST90061440	MR Egger	47.9 268 8	31	0.02 674 4

PBC	LAS	Primary biliary cholangitis id:ebi-a-GCST90061440	Inverse variance weighted	50.4 182	32	0.02 030 9
PBC	CES	Primary biliary cholangitis id:ebi-a-GCST90061440	MR Egger	43.0 256 5	31	0.07 388 1
PBC	CES	Primary biliary cholangitis id:ebi-a-GCST90061440	Inverse variance weighted	44.2 527	32	0.07 327 6
PBC	AIS	Primary biliary cholangitis id:ebi-a-GCST90061440	MR Egger	40.8 179 5	31	0.11 161 1
PBC	AIS	Primary biliary cholangitis id:ebi-a-GCST90061440	Inverse variance weighted	42.4 444 5	32	0.10 257 2
AIS	Primary biliary cholangitis id:ebi-a-GCST90061440	exposure	MR Egger	45.2 204	3	8.31 E-10
AIS	Primary biliary cholangitis id:ebi-a-GCST90061440	exposure	Inverse variance weighted	54.0 181 5	4	5.22 E-11
CES	Primary biliary cholangitis id:ebi-a-GCST90061440	exposure	Inverse variance weighted	0.06 649 5	1	0.79 651 1
LAS	Primary biliary cholangitis id:ebi-a-GCST90061440	exposure	Inverse variance weighted	0.00 023 8	1	0.98 769 7
SVS	Primary biliary cholangitis id:ebi-a-GCST90061440	exposure	MR Egger	3.10 752 4	1	0.07 793 1
SVS	Primary biliary cholangitis id:ebi-a-GCST90061440	exposure	Inverse variance weighted	3.10 830 3	2	0.21 136 9
AS	Primary biliary cholangitis id:ebi-a-GCST90061440	exposure	MR Egger	3.10 752 4	1	0.07 793 1
AS	Primary biliary cholangitis id:ebi-a-GCST90061440	exposure	Inverse variance weighted	3.10 830 3	2	0.21 136 9

exposu re	outco me	exposure	egger_interc ept	se	pval
PBC	AS	Primary biliary cholangitis id:ebi-a-GCST90061440	0.007347	0.0057 82	0.2133 2

PBC	SVS	Primary biliary cholangitis id:ebi-a-GCST90061440	0.009715	0.014974	0.521267
PBC	LAS	Primary biliary cholangitis id:ebi-a-GCST90061440	0.021551	0.016977	0.213738
PBC	CES	Primary biliary cholangitis id:ebi-a-GCST90061440	-0.01175	0.012496	0.354353
PBC	AIS	Primary biliary cholangitis id:ebi-a-GCST90061440	0.00708	0.00637	0.27493