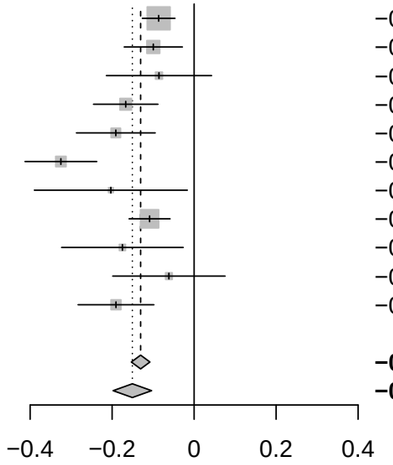
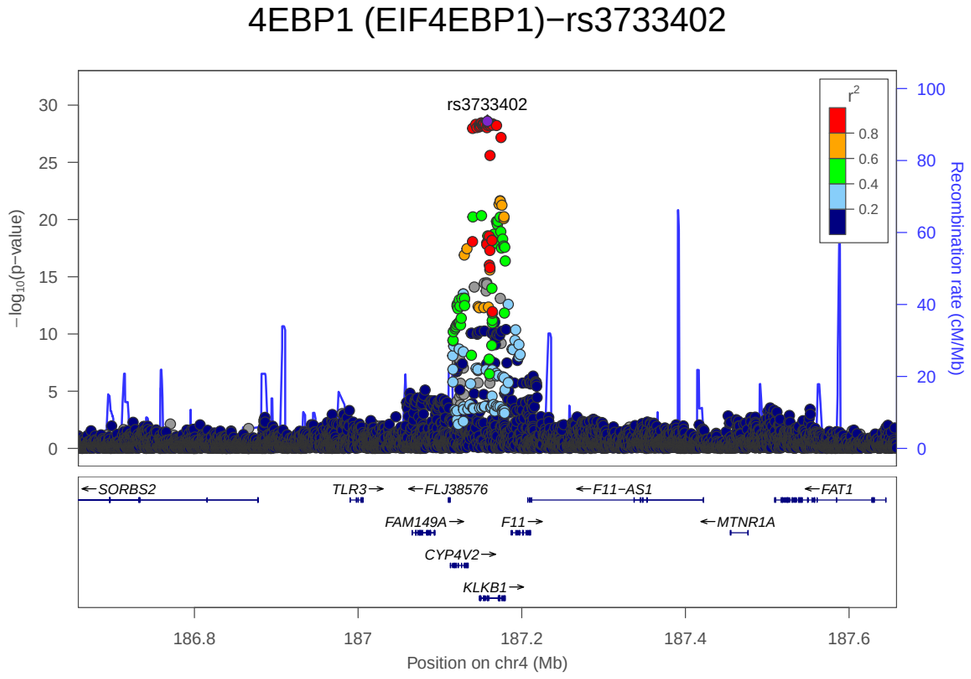
4EBP1 (EIF4EBP1) [chr4:187158034_A_G (rs3733402) (A/G) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.086	0.02	−0.09 [−0.13; −0.05]	32.6%	13.4%
BioFinder (1496)	−0.100	0.04	−0.10 [−0.17; −0.03]	10.3%	11.1%
EGCUT (487)	−0.086	0.07	−0.09 [−0.21; 0.04]	3.1%	7.0%
KORA (1064)	−0.167	0.04	−0.17 [−0.25; −0.09]	8.4%	10.5%
NSPHS (866)	−0.191	0.05	−0.19 [−0.29; −0.09]	5.6%	9.1%
ORCADES (982)	−0.325	0.04	−0.32 [−0.41; −0.24]	6.7%	9.8%
RECOMBINE (448)	−0.203	0.10	−0.20 [−0.39; −0.02]	1.5%	4.4%
STABILITY (2951)	−0.109	0.03	−0.11 [−0.16; −0.06]	20.7%	12.7%
STANLEY (344)	−0.175	0.08	−0.17 [−0.32; −0.03]	2.4%	6.0%
STANLEY (300)	−0.061	0.07	−0.06 [−0.20; 0.08]	2.8%	6.6%
VIS (902)	−0.191	0.05	−0.19 [−0.28; −0.10]	6.1%	9.4%
Common effect model			**−0.13 [−0.15; −0.11]**	**100.0%**	**––**
Random effects model			**−0.15 [−0.20; −0.10]**	**––**	**100.0%**

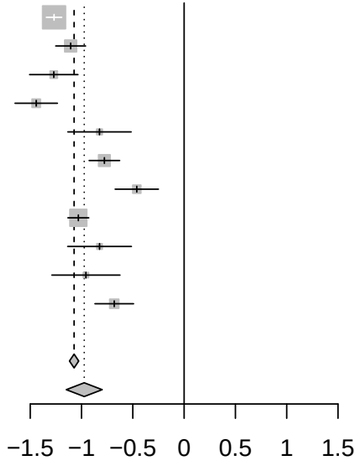


Heterogeneity: I^2 = 68%, τ^2 = 0.0039, p < 0.01

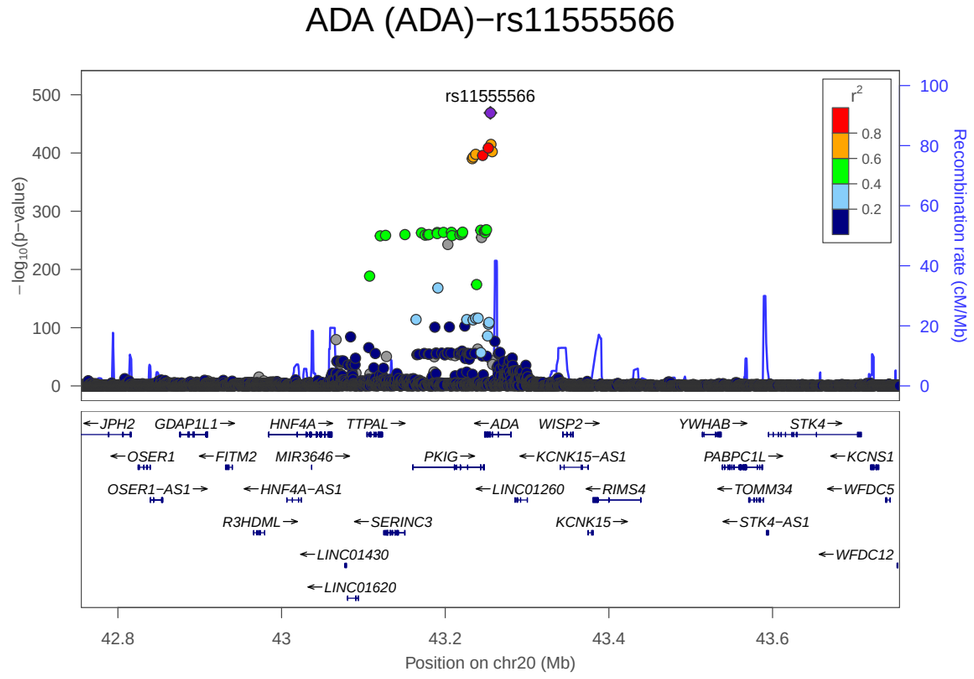


ADA (ADA) [chr20:43255220_C_T (rs11555566) (T/C) N=14712]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−1.267	0.04	−1.27 [−1.34; −1.19]	36.3%	10.3%
BioFinder (1496)	−1.106	0.07	−1.11 [−1.25; −0.96]	9.7%	9.8%
EGCUT (487)	−1.270	0.12	−1.27 [−1.51; −1.03]	3.7%	8.8%
KORA (1064)	−1.442	0.11	−1.44 [−1.65; −1.23]	4.8%	9.2%
NSPHS (866)	−0.825	0.16	−0.82 [−1.13; −0.52]	2.2%	7.9%
ORCADES (982)	−0.777	0.08	−0.78 [−0.93; −0.63]	9.3%	9.8%
RECOMBINE (424)	−0.461	0.11	−0.46 [−0.67; −0.25]	4.6%	9.1%
STABILITY (2951)	−1.031	0.05	−1.03 [−1.13; −0.93]	19.7%	10.2%
STANLEY (344)	−0.824	0.16	−0.82 [−1.13; −0.51]	2.1%	7.9%
STANLEY (300)	−0.957	0.17	−0.96 [−1.29; −0.63]	1.9%	7.6%
VIS (902)	−0.681	0.10	−0.68 [−0.87; −0.49]	5.8%	9.4%
Common effect model			**−1.07 [−1.12; −1.03]**	**100.0%**	**––**
Random effects model			**−0.97 [−1.15; −0.80]**	**––**	**100.0%**

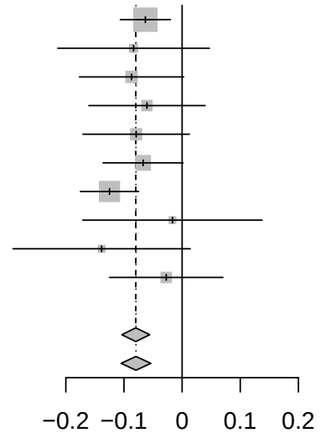


Heterogeneity: I^2 = 91%, τ^2 = 0.0757, p < 0.01

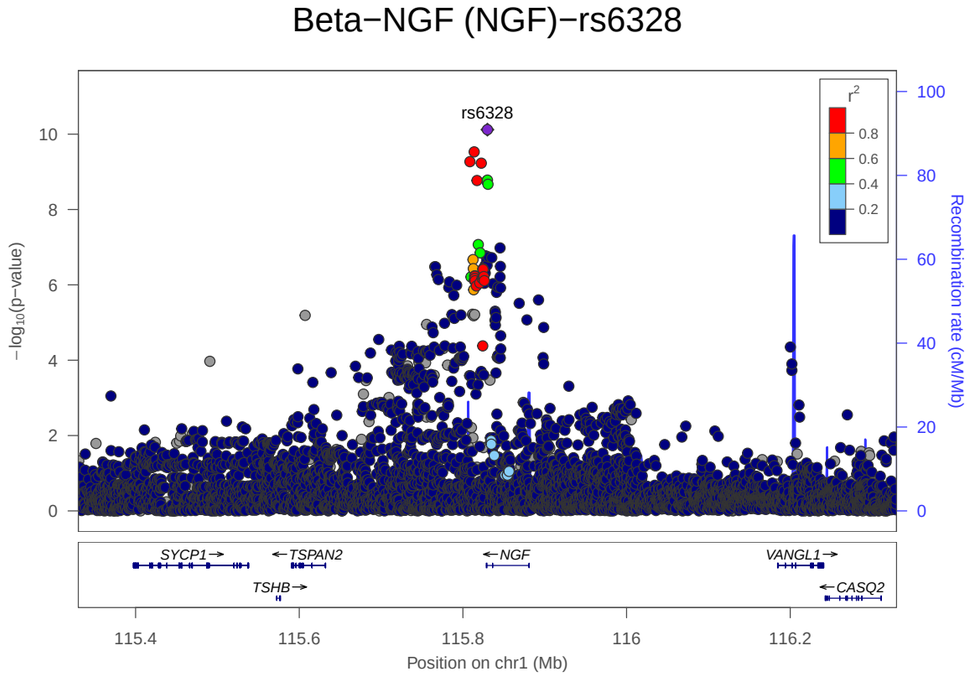


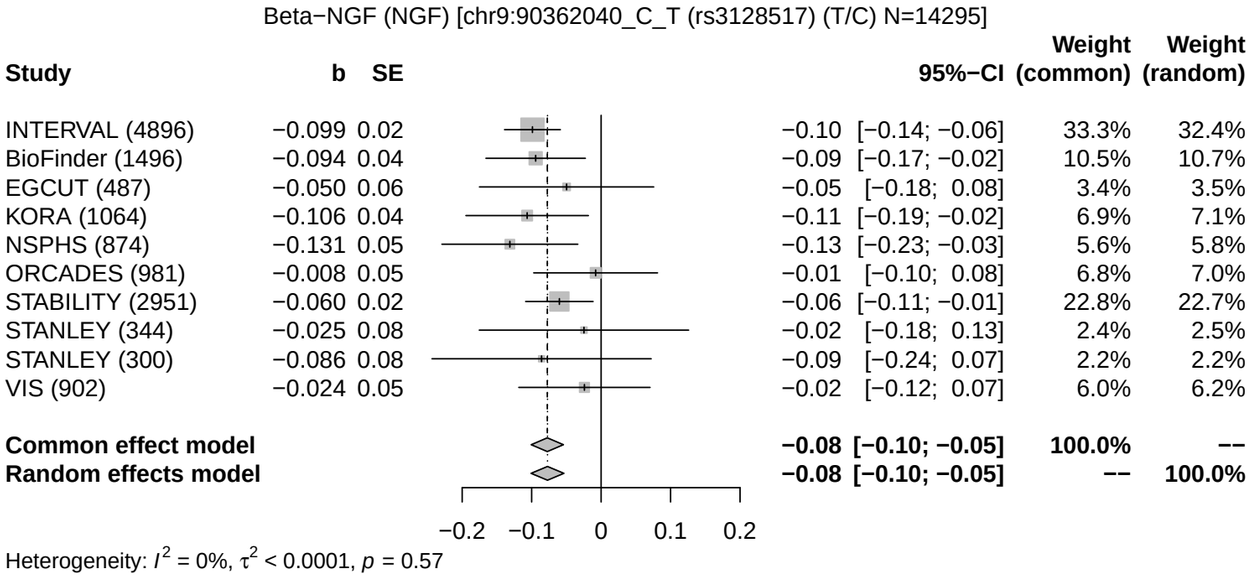
Beta−NGF (NGF) [chr1:115829943_A_C (rs6328) (A/C) N=13224]

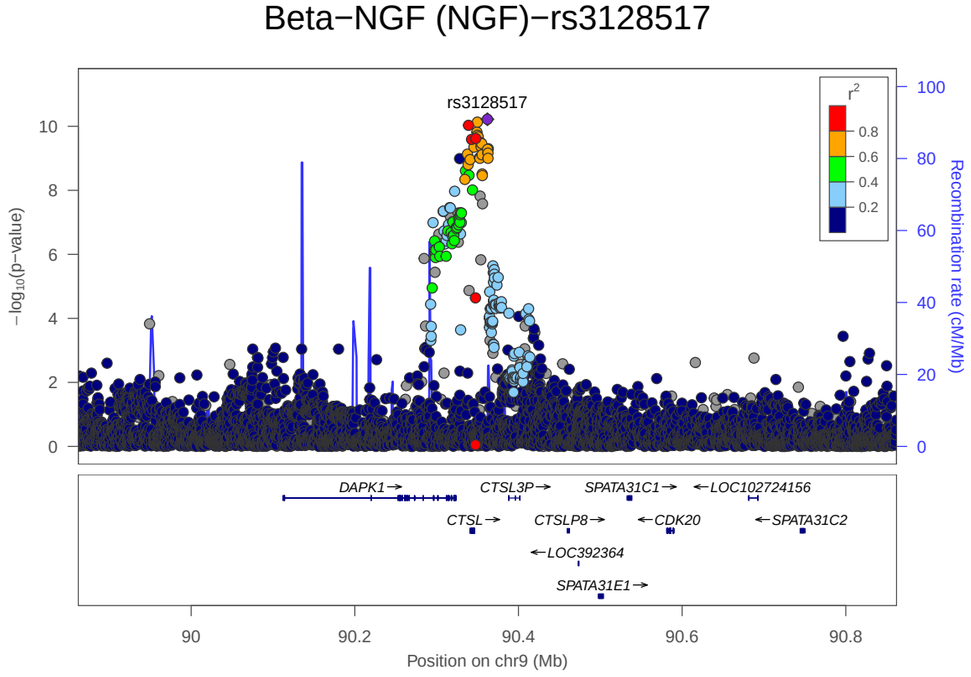
Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.063	0.02	−0.06 [−0.11; −0.02]	30.8%	28.2%
EGCUT (487)	−0.084	0.07	−0.08 [−0.21; 0.05]	3.4%	3.8%
KORA (1064)	−0.087	0.05	−0.09 [−0.18; 0.00]	7.1%	7.7%
NSPHS (874)	−0.061	0.05	−0.06 [−0.16; 0.04]	5.8%	6.3%
ORCADES (981)	−0.079	0.05	−0.08 [−0.17; 0.01]	6.9%	7.4%
RECOMBINE (425)	−0.067	0.04	−0.07 [−0.14; 0.00]	12.1%	12.6%
STABILITY (2951)	−0.125	0.03	−0.12 [−0.17; −0.07]	22.9%	22.1%
STANLEY (344)	−0.017	0.08	−0.02 [−0.17; 0.14]	2.4%	2.7%
STANLEY (300)	−0.138	0.08	−0.14 [−0.29; 0.01]	2.5%	2.8%
VIS (902)	−0.027	0.05	−0.03 [−0.12; 0.07]	6.0%	6.6%
Common effect model			**−0.08 [−0.10; −0.06]**	**100.0%**	**––**
Random effects model			**−0.08 [−0.10; −0.05]**	**––**	**100.0%**



Heterogeneity: I^2 = 0%, τ^2 = 0.0001, p = 0.71

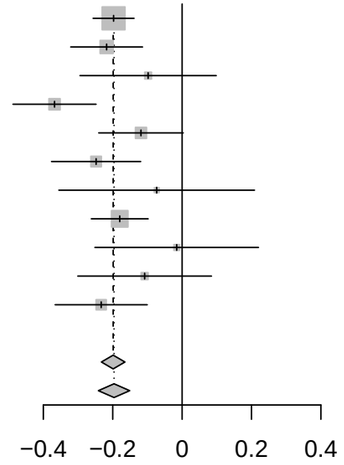



Beta−NGF (NGF) [chr9:90362040_C_T (rs3128517) (T/C) N=14295]
Study
b
SE
95%−CI
Weight (common)
Weight (random)
INTERVAL (4896) −0.099 0.02 −0.10 [−0.14; −0.06] 33.3% 32.4%
BioFinder (1496) −0.094 0.04 −0.09 [−0.17; −0.02] 10.5% 10.7%
EGCUT (487) −0.050 0.06 −0.05 [−0.18; 0.08] 3.4% 3.5%
KORA (1064) −0.106 0.04 −0.11 [−0.19; −0.02] 6.9% 7.1%
NSPHS (874) −0.131 0.05 −0.13 [−0.23; −0.03] 5.6% 5.8%
ORCADES (981) −0.008 0.05 −0.01 [−0.10; 0.08] 6.8% 7.0%
STABILITY (2951) −0.060 0.02 −0.06 [−0.11; −0.01] 22.8% 22.7%
STANLEY (344) −0.025 0.08 −0.02 [−0.18; 0.13] 2.4% 2.5%
STANLEY (300) −0.086 0.08 −0.09 [−0.24; 0.07] 2.2% 2.2%
VIS (902) −0.024 0.05 −0.02 [−0.12; 0.07] 6.0% 6.2%
Common effect model −0.08 [−0.10; −0.05] 100.0% ––
Random effects model −0.08 [−0.10; −0.05] –– 100.0%
−0.2
−0.1
0
0.1
0.2
Heterogeneity: I^2 = 0%, τ^2 < 0.0001, p = 0.57

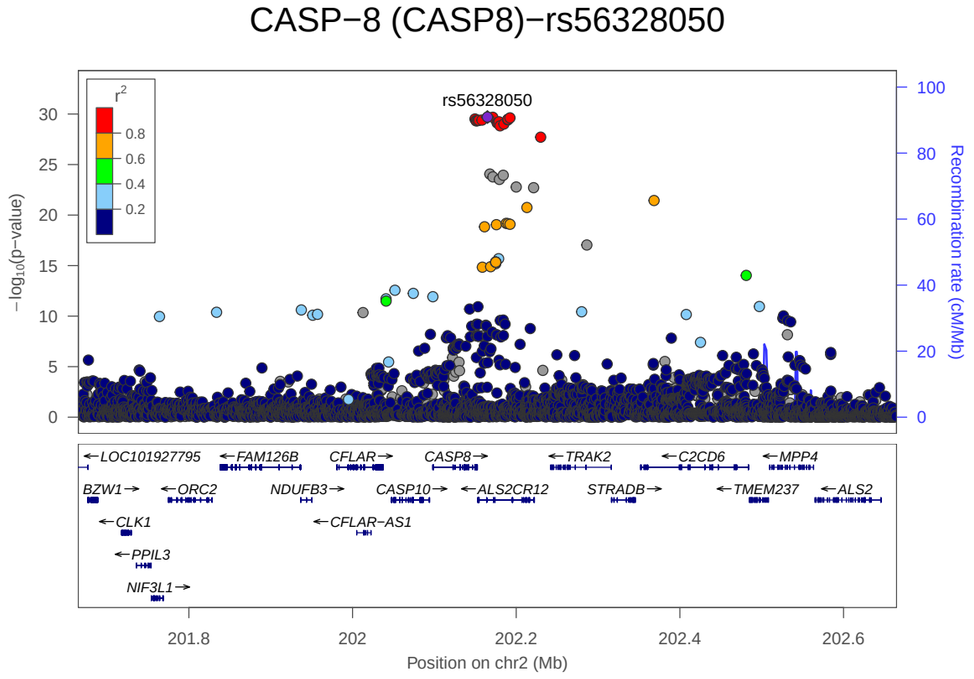

Beta−NGF (NGF)−rs3128517
rs3128517
r²
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
DAPK1
CTSL3P
SPATA31C1
LOC102724156
CTSL
CTSLP8
CDK20
SPATA31C2
LOC392364
SPATA31E1
Position on chr9 (Mb)

CASP−8 (CASP8) [chr2:202164805_C_G (rs56328050) (C/G) N=14743]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.198	0.03	−0.20 [−0.26; −0.14]	33.1%	20.7%
BioFinder (1496)	−0.218	0.05	−0.22 [−0.32; −0.11]	10.8%	11.9%
EGCUT (487)	−0.098	0.10	−0.10 [−0.29; 0.10]	3.0%	4.5%
KORA (1064)	−0.368	0.06	−0.37 [−0.49; −0.25]	8.0%	9.8%
NSPHS (874)	−0.119	0.06	−0.12 [−0.24; 0.00]	7.8%	9.6%
ORCADES (982)	−0.248	0.07	−0.25 [−0.38; −0.12]	7.0%	8.9%
RECOMBINE (447)	−0.073	0.14	−0.07 [−0.36; 0.21]	1.5%	2.4%
STABILITY (2951)	−0.180	0.04	−0.18 [−0.26; −0.10]	17.2%	15.6%
STANLEY (344)	−0.016	0.12	−0.02 [−0.25; 0.22]	2.1%	3.3%
STANLEY (300)	−0.108	0.10	−0.11 [−0.30; 0.08]	3.1%	4.7%
VIS (902)	−0.233	0.07	−0.23 [−0.37; −0.10]	6.6%	8.5%
Common effect model			**−0.20 [−0.23; −0.16]**	**100.0%**	––
Random effects model			**−0.20 [−0.24; −0.15]**	––	**100.0%**

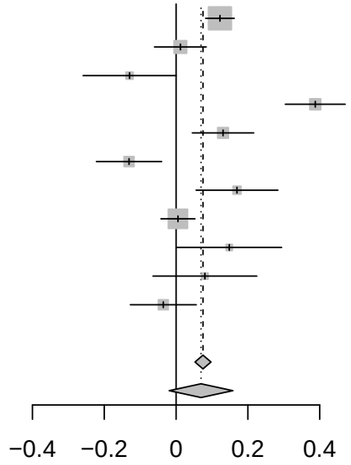


Heterogeneity: I^2 = 35%, τ^2 = 0.0017, p = 0.12

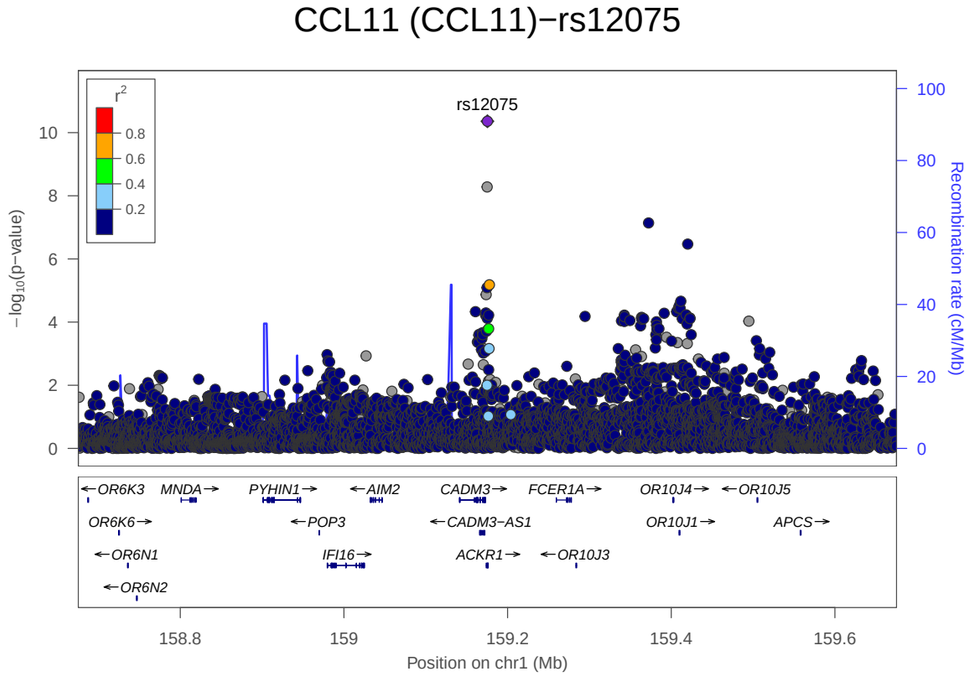


CCL11 (CCL11) [chr1:159175354_A_G (rs12075) (A/G) N=14731]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.122	0.02	0.12 [0.08; 0.16]	31.2%	10.0%
BioFinder (1496)	0.012	0.04	0.01 [−0.06; 0.08]	9.5%	9.6%
EGCUT (487)	−0.130	0.07	−0.13 [−0.26; 0.00]	3.0%	8.4%
KORA (1064)	0.388	0.04	0.39 [0.30; 0.47]	7.1%	9.4%
NSPHS (866)	0.131	0.04	0.13 [0.05; 0.22]	6.8%	9.3%
ORCADES (981)	−0.131	0.05	−0.13 [−0.22; −0.04]	6.0%	9.2%
RECOMBINE (445)	0.170	0.06	0.17 [0.06; 0.28]	3.8%	8.8%
STABILITY (2951)	0.005	0.02	0.01 [−0.04; 0.05]	22.0%	9.9%
STANLEY (344)	0.148	0.07	0.15 [0.00; 0.29]	2.3%	8.0%
STANLEY (300)	0.080	0.07	0.08 [−0.06; 0.22]	2.4%	8.0%
VIS (901)	−0.036	0.05	−0.04 [−0.13; 0.06]	5.9%	9.2%
Common effect model			**0.07 [0.05; 0.10]**	**100.0%**	**––**
Random effects model			**0.07 [−0.02; 0.16]**	**––**	**100.0%**

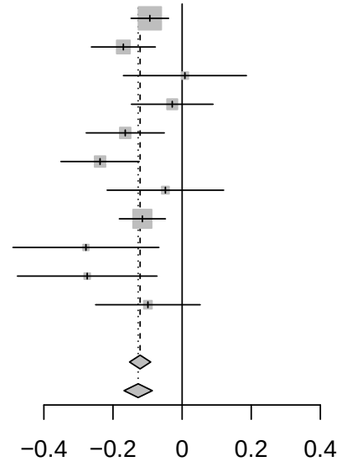


Heterogeneity: I^2 = 91%, τ^2 = 0.0200, p < 0.01

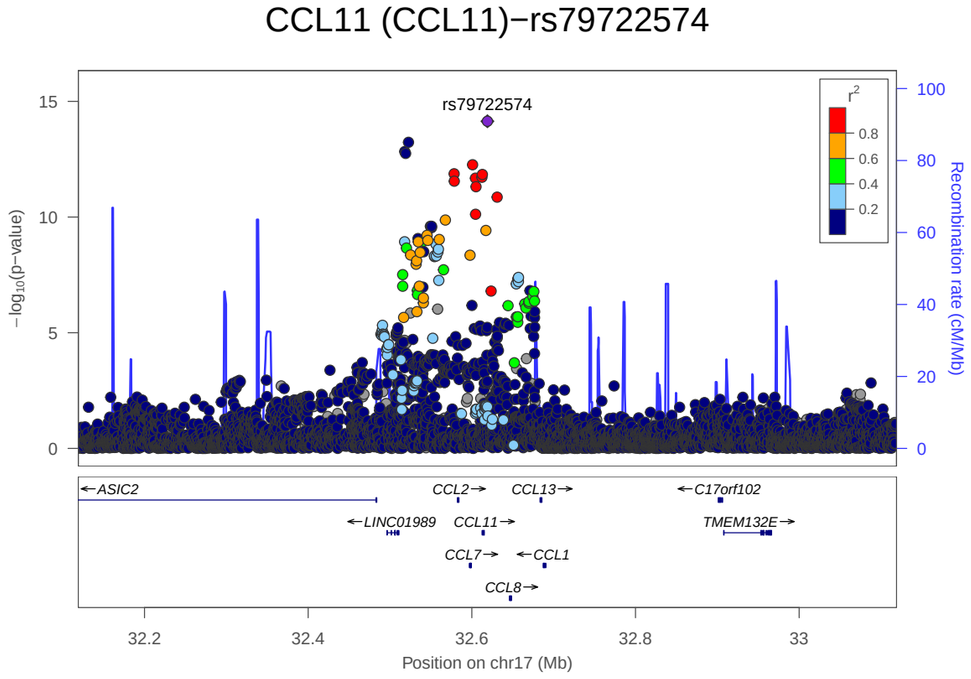


CCL11 (CCL11) [chr17:32619052_C_T (rs79722574) (T/C) N=14720]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.093	0.03	−0.09 [−0.15; −0.04]	31.9%	20.6%
BioFinder (1496)	−0.170	0.05	−0.17 [−0.26; −0.08]	10.9%	12.2%
EGCUT (487)	0.008	0.09	0.01 [−0.17; 0.19]	3.0%	4.5%
KORA (1064)	−0.029	0.06	−0.03 [−0.15; 0.09]	6.7%	8.8%
NSPHS (866)	−0.165	0.06	−0.16 [−0.28; −0.05]	7.3%	9.3%
ORCADES (981)	−0.237	0.06	−0.24 [−0.35; −0.12]	7.3%	9.3%
RECOMBINE (434)	−0.048	0.09	−0.05 [−0.22; 0.12]	3.3%	5.0%
STABILITY (2951)	−0.115	0.03	−0.11 [−0.18; −0.05]	21.1%	17.4%
STANLEY (344)	−0.278	0.11	−0.28 [−0.49; −0.07]	2.1%	3.4%
STANLEY (300)	−0.275	0.10	−0.27 [−0.48; −0.07]	2.3%	3.6%
VIS (901)	−0.099	0.08	−0.10 [−0.25; 0.05]	4.1%	6.0%
Common effect model			**−0.12 [−0.15; −0.09]**	**100.0%**	**––**
Random effects model			**−0.13 [−0.17; −0.09]**	**––**	**100.0%**

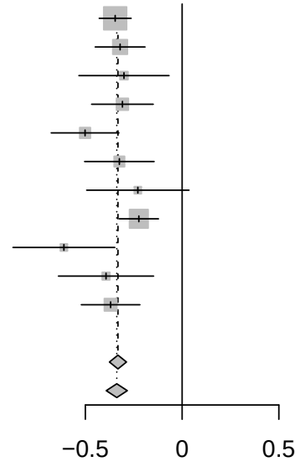


Heterogeneity: I^2 = 38%, τ^2 = 0.0014, p = 0.09

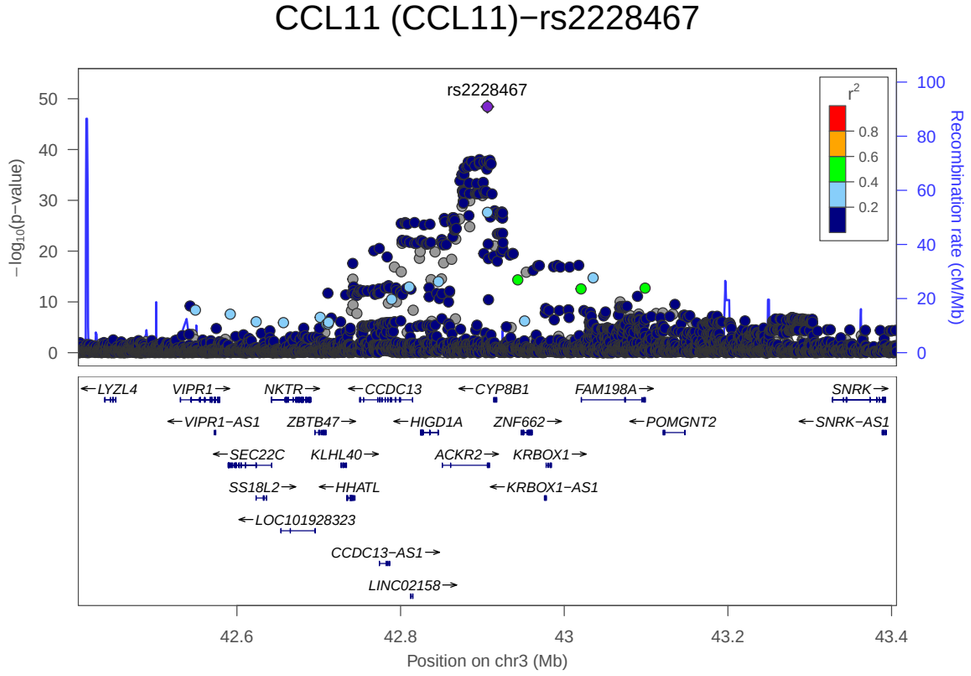


CCL11 (CCL11) [chr3:42906116_C_T (rs2228467) (T/C) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.346	0.04	−0.35 [−0.43; −0.26]	28.5%	20.5%
BioFinder (1496)	−0.320	0.07	−0.32 [−0.45; −0.19]	11.7%	12.2%
EGCUT (487)	−0.300	0.12	−0.30 [−0.53; −0.07]	3.6%	4.8%
KORA (1064)	−0.308	0.08	−0.31 [−0.47; −0.15]	7.7%	9.0%
NSPHS (866)	−0.502	0.09	−0.50 [−0.68; −0.33]	6.3%	7.8%
ORCADES (981)	−0.324	0.09	−0.32 [−0.50; −0.14]	6.0%	7.4%
RECOMBINE (447)	−0.229	0.14	−0.23 [−0.49; 0.04]	2.8%	3.8%
STABILITY (2951)	−0.224	0.05	−0.22 [−0.33; −0.12]	18.9%	16.5%
STANLEY (344)	−0.611	0.13	−0.61 [−0.87; −0.35]	2.8%	3.9%
STANLEY (300)	−0.393	0.13	−0.39 [−0.64; −0.15]	3.2%	4.4%
VIS (901)	−0.370	0.08	−0.37 [−0.52; −0.22]	8.5%	9.7%
Common effect model			**−0.33 [−0.38; −0.29]**	**100.0%**	**––**
Random effects model			**−0.34 [−0.39; −0.28]**	**––**	**100.0%**

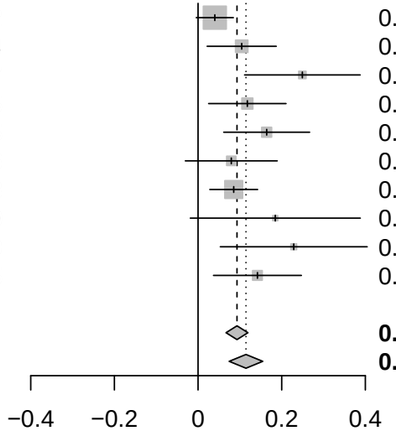


Heterogeneity: I^2 = 27%, τ^2 = 0.0020, p = 0.19

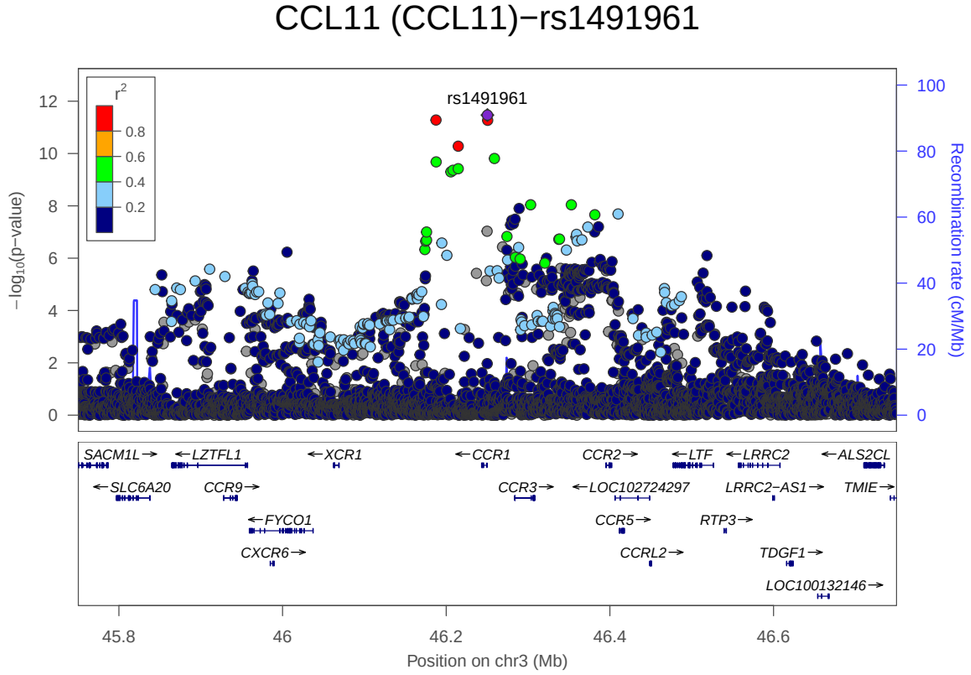


CCL11 (CCL11) [chr3:46250348_C_T (rs1491961) (T/C) N=14286]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.040	0.02	0.04 [−0.00; 0.08]	35.0%	19.1%
BioFinder (1496)	0.104	0.04	0.10 [0.02; 0.19]	10.1%	12.1%
EGCUT (487)	0.249	0.07	0.25 [0.11; 0.39]	3.6%	6.3%
KORA (1064)	0.118	0.05	0.12 [0.03; 0.21]	8.0%	10.7%
NSPHS (866)	0.164	0.05	0.16 [0.06; 0.27]	6.5%	9.5%
ORCADES (981)	0.079	0.06	0.08 [−0.03; 0.19]	5.7%	8.7%
STABILITY (2951)	0.085	0.03	0.09 [0.03; 0.14]	21.0%	16.6%
STANLEY (344)	0.185	0.10	0.18 [−0.02; 0.39]	1.7%	3.4%
STANLEY (300)	0.229	0.09	0.23 [0.05; 0.40]	2.2%	4.3%
VIS (901)	0.142	0.05	0.14 [0.04; 0.25]	6.2%	9.2%
Common effect model			**0.09 [0.07; 0.12]**	**100.0%**	**––**
Random effects model			**0.11 [0.07; 0.15]**	**––**	**100.0%**

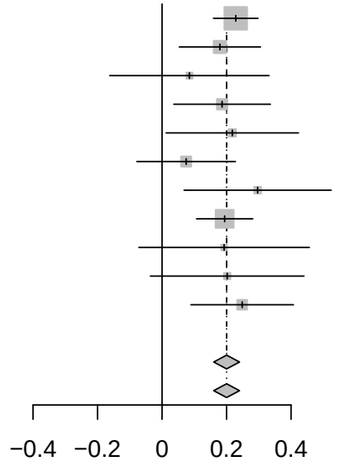


Heterogeneity: I^2 = 46%, τ^2 = 0.0017, p = 0.05

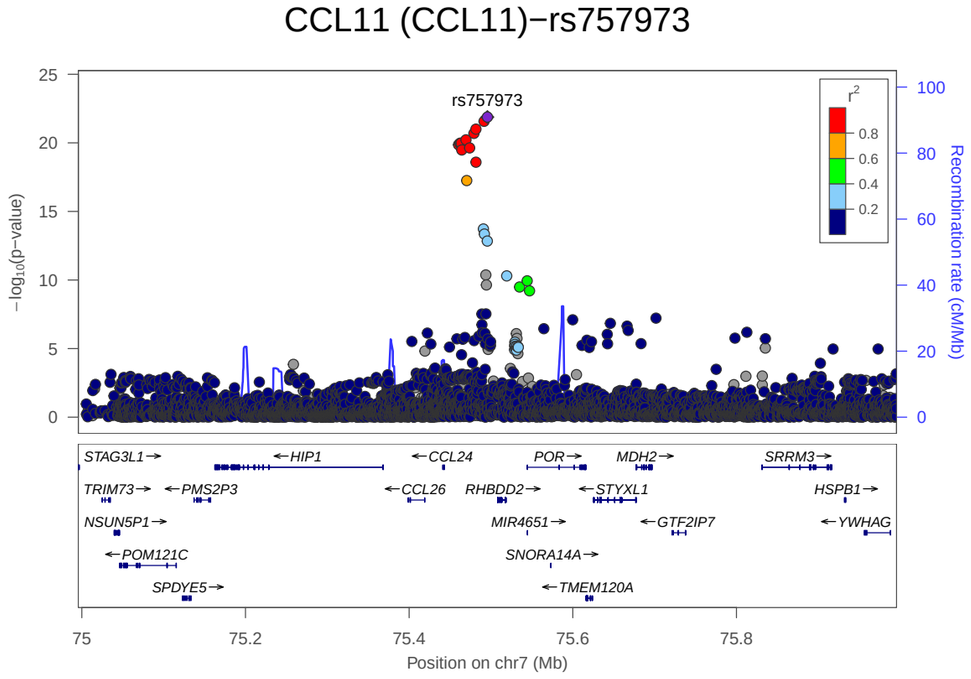


CCL11 (CCL11) [chr7:75495667_A_G (rs757973) (A/G) N=14713]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.229	0.04	0.23 [0.16; 0.30]	33.6%	33.6%
BioFinder (1496)	0.179	0.06	0.18 [0.05; 0.31]	10.1%	10.1%
EGCUT (487)	0.085	0.13	0.08 [−0.16; 0.33]	2.6%	2.6%
KORA (1064)	0.186	0.08	0.19 [0.04; 0.34]	7.2%	7.2%
NSPHS (866)	0.218	0.10	0.22 [0.01; 0.42]	3.8%	3.8%
ORCADES (981)	0.075	0.08	0.07 [−0.08; 0.23]	6.9%	6.9%
RECOMBINE (427)	0.296	0.12	0.30 [0.07; 0.52]	3.1%	3.1%
STABILITY (2951)	0.194	0.04	0.19 [0.11; 0.28]	21.2%	21.2%
STANLEY (344)	0.193	0.14	0.19 [−0.07; 0.46]	2.3%	2.3%
STANLEY (300)	0.202	0.12	0.20 [−0.04; 0.44]	2.8%	2.8%
VIS (901)	0.248	0.08	0.25 [0.09; 0.41]	6.4%	6.4%
Common effect model			**0.20 [0.16; 0.24]**	**100.0%**	**––**
Random effects model			**0.20 [0.16; 0.24]**	**––**	**100.0%**

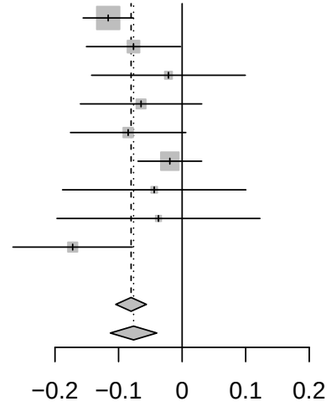


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.87



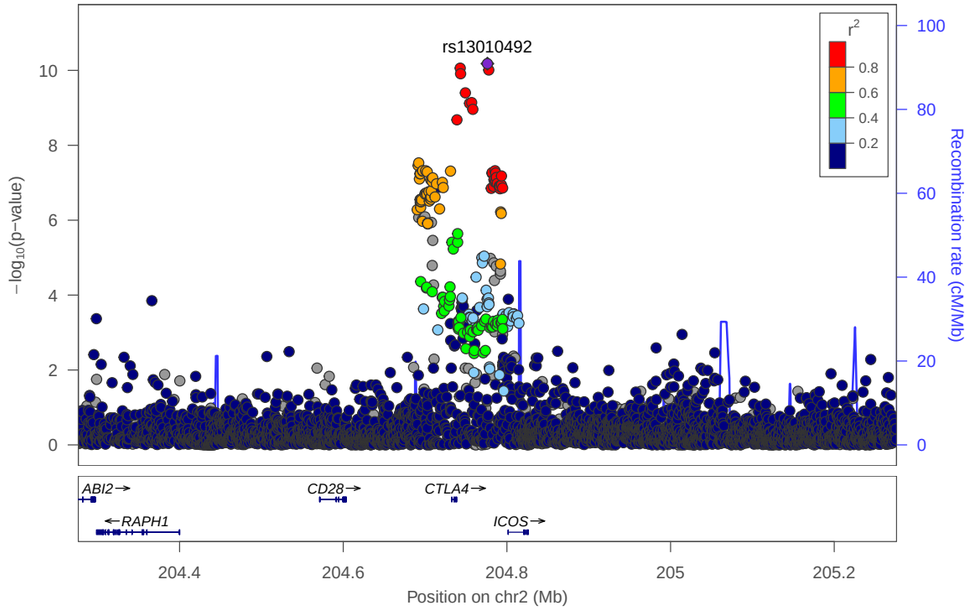
CCL19 (CCL19) [chr2:204776176_C_G (rs13010492) (C/G) N=13422]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.116	0.02	−0.12 [−0.16; −0.08]	37.3%	21.5%
BioFinder (1496)	−0.076	0.04	−0.08 [−0.15; −0.00]	10.6%	13.2%
EGCUT (487)	−0.021	0.06	−0.02 [−0.14; 0.10]	4.0%	6.9%
KORA (1064)	−0.065	0.05	−0.06 [−0.16; 0.03]	6.4%	9.7%
ORCADES (982)	−0.085	0.05	−0.08 [−0.18; 0.01]	7.0%	10.4%
STABILITY (2951)	−0.019	0.03	−0.02 [−0.07; 0.03]	23.1%	18.7%
STANLEY (344)	−0.044	0.07	−0.04 [−0.19; 0.10]	2.8%	5.3%
STANLEY (300)	−0.037	0.08	−0.04 [−0.20; 0.12]	2.3%	4.4%
VIS (902)	−0.172	0.05	−0.17 [−0.27; −0.08]	6.6%	9.9%
Common effect model			**−0.08 [−0.10; −0.06]**	**100.0%**	**––**
Random effects model			**−0.08 [−0.11; −0.04]**	**––**	**100.0%**



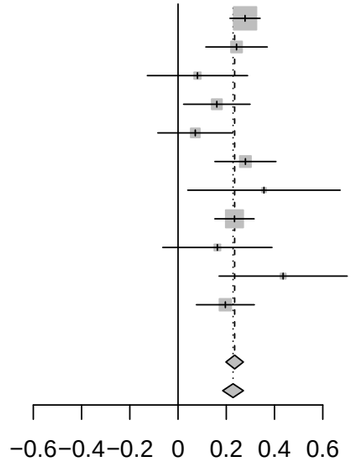
Heterogeneity: I^2 = 43%, τ^2 = 0.0012, p = 0.08

CCL19 (CCL19)−rs13010492

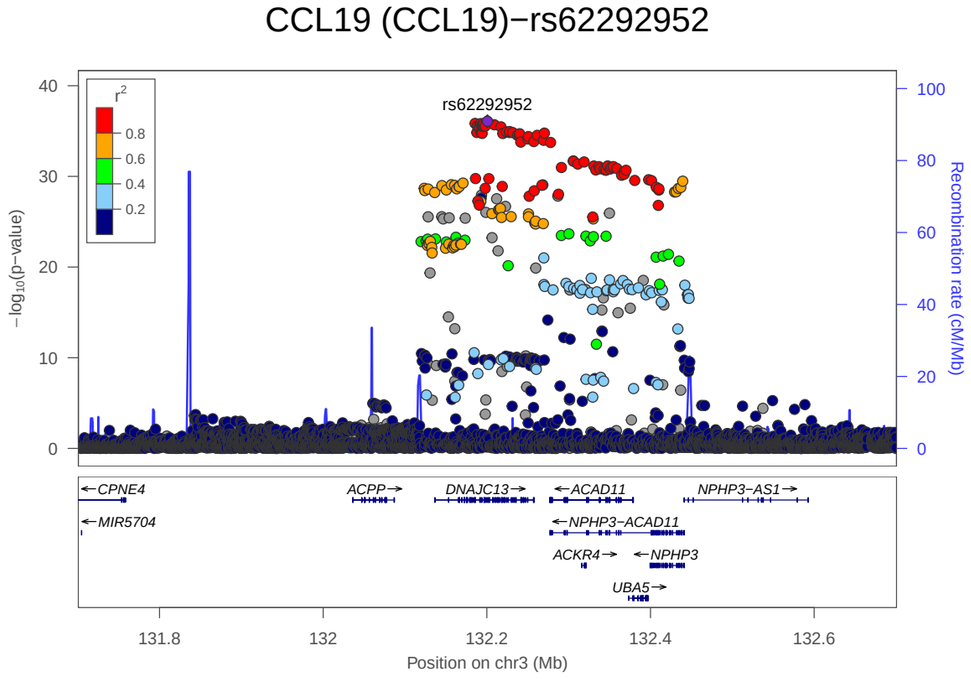


CCL19 (CCL19) [chr3:132200719_G_T (rs62292952) (T/G) N=14728]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.278	0.03	0.28 [0.22; 0.34]	33.6%	25.5%
BioFinder (1496)	0.243	0.07	0.24 [0.12; 0.37]	8.1%	9.4%
EGCUT (487)	0.081	0.11	0.08 [−0.13; 0.29]	3.0%	4.0%
KORA (1064)	0.161	0.07	0.16 [0.02; 0.30]	6.9%	8.3%
NSPHS (866)	0.071	0.08	0.07 [−0.08; 0.23]	5.5%	6.7%
ORCADES (982)	0.279	0.06	0.28 [0.15; 0.41]	8.2%	9.5%
RECOMBINE (440)	0.356	0.16	0.36 [0.04; 0.67]	1.3%	1.8%
STABILITY (2951)	0.234	0.04	0.23 [0.15; 0.32]	19.8%	18.5%
STANLEY (344)	0.163	0.12	0.16 [−0.06; 0.39]	2.6%	3.4%
STANLEY (300)	0.436	0.14	0.44 [0.17; 0.70]	1.9%	2.5%
VIS (902)	0.196	0.06	0.20 [0.08; 0.32]	9.1%	10.4%
Common effect model			**0.23 [0.20; 0.27]**	**100.0%**	––
Random effects model			**0.23 [0.19; 0.27]**	––	**100.0%**

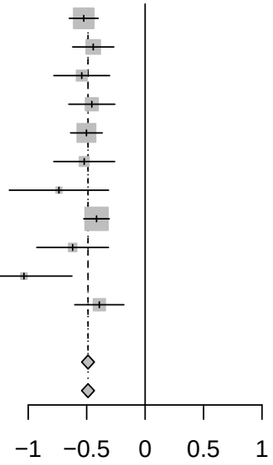


Heterogeneity: I^2 = 25%, τ^2 = 0.0009, p = 0.21



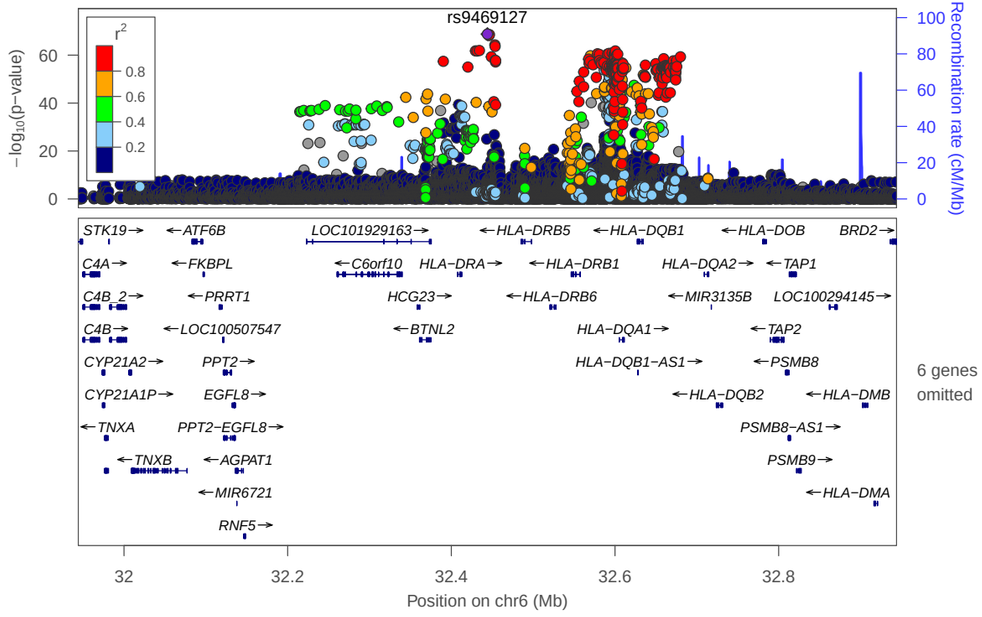
CCL19 (CCL19) [chr6:32444093_C_G (rs9469127) (C/G) N=14735]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.525	0.06	−0.52 [−0.65; −0.40]	19.3%	19.3%
BioFinder (1496)	−0.444	0.09	−0.44 [−0.62; −0.27]	9.5%	9.5%
EGCUT (487)	−0.542	0.12	−0.54 [−0.78; −0.30]	5.2%	5.2%
KORA (1064)	−0.456	0.10	−0.46 [−0.65; −0.26]	7.6%	7.6%
NSPHS (866)	−0.502	0.07	−0.50 [−0.64; −0.37]	16.1%	16.1%
ORCADES (982)	−0.521	0.13	−0.52 [−0.78; −0.26]	4.3%	4.3%
RECOMBINE (447)	−0.737	0.22	−0.74 [−1.16; −0.31]	1.6%	1.6%
STABILITY (2951)	−0.416	0.06	−0.42 [−0.52; −0.31]	24.8%	24.8%
STANLEY (344)	−0.620	0.16	−0.62 [−0.93; −0.31]	3.1%	3.1%
STANLEY (300)	−1.036	0.21	−1.04 [−1.45; −0.63]	1.8%	1.8%
VIS (902)	−0.392	0.11	−0.39 [−0.60; −0.18]	6.7%	6.7%
Common effect model			**−0.49 [−0.54; −0.43]**	**100.0%**	**––**
Random effects model			**−0.49 [−0.54; −0.43]**	**––**	**100.0%**



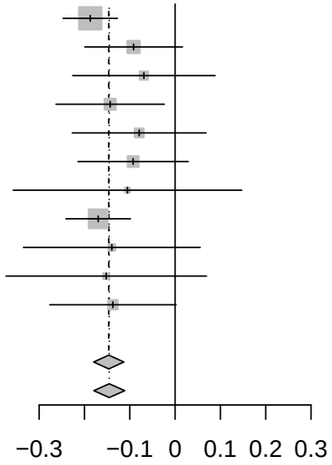
Heterogeneity: I^2 = 19%, τ^2 < 0.0001, p = 0.26

CCL19 (CCL19)−rs9469127

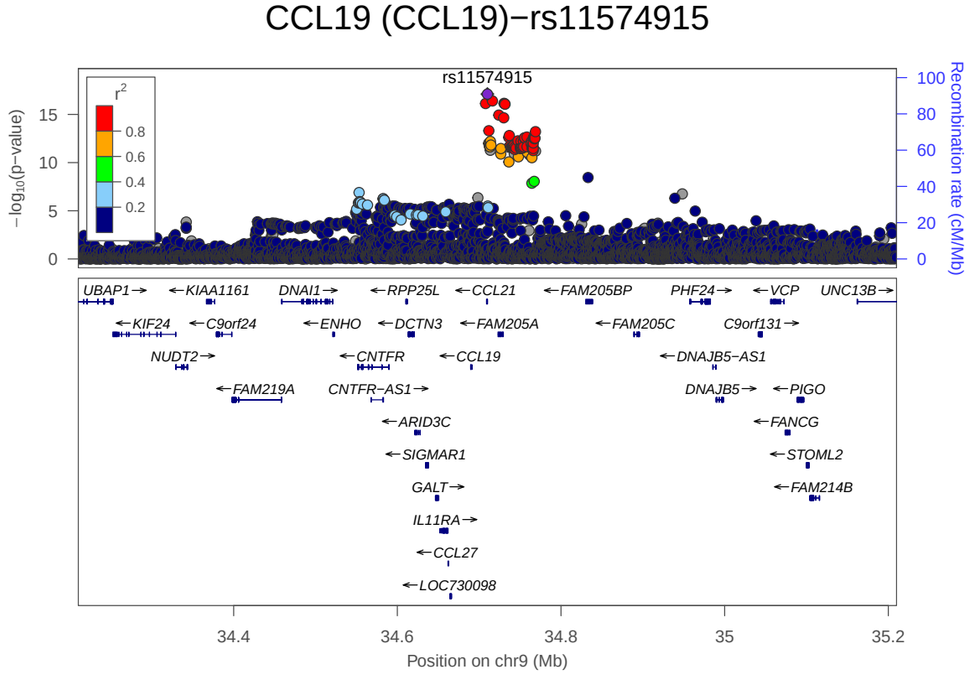


CCL19 (CCL19) [chr9:34710084_A_C (rs11574915) (A/C) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.187	0.03	−0.19 [−0.25; −0.13]	30.9%	29.7%
BioFinder (1496)	−0.092	0.06	−0.09 [−0.20; 0.02]	9.6%	9.8%
EGCUT (487)	−0.069	0.08	−0.07 [−0.23; 0.09]	4.5%	4.7%
KORA (1064)	−0.143	0.06	−0.14 [−0.26; −0.02]	7.8%	8.0%
NSPHS (866)	−0.079	0.08	−0.08 [−0.23; 0.07]	5.1%	5.3%
ORCADES (982)	−0.093	0.06	−0.09 [−0.21; 0.03]	7.5%	7.7%
RECOMBINE (445)	−0.105	0.13	−0.11 [−0.36; 0.15]	1.7%	1.8%
STABILITY (2951)	−0.170	0.04	−0.17 [−0.24; −0.10]	21.9%	21.6%
STANLEY (344)	−0.140	0.10	−0.14 [−0.33; 0.06]	2.9%	3.1%
STANLEY (300)	−0.152	0.11	−0.15 [−0.37; 0.07]	2.3%	2.4%
VIS (902)	−0.137	0.07	−0.14 [−0.28; 0.00]	5.7%	5.9%
Common effect model			**−0.15 [−0.18; −0.11]**	**100.0%**	**––**
Random effects model			**−0.15 [−0.18; −0.11]**	**––**	**100.0%**

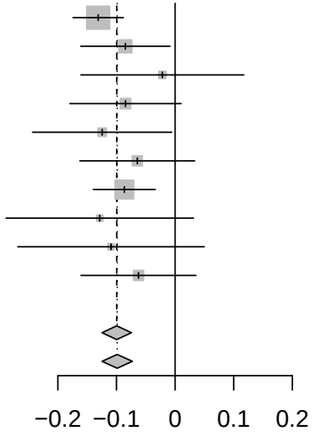


Heterogeneity: I^2 = 0%, τ^2 < 0.0001, p = 0.83



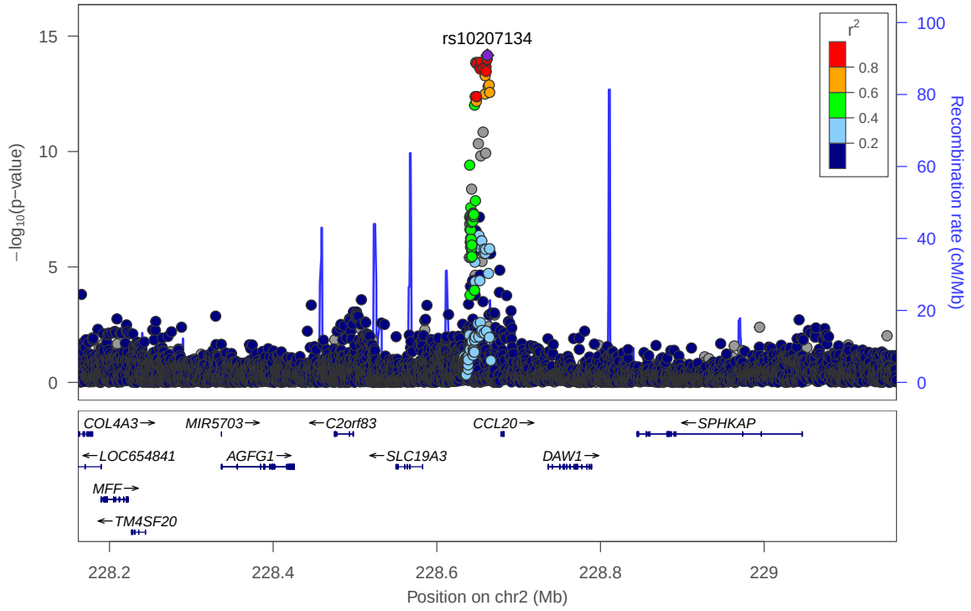
CCL20 (CCL20) [chr2:228661828_C_T (rs10207134) (T/C) N=14288]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.131	0.02	−0.13 [−0.17; −0.09]	34.0%	32.4%
BioFinder (1496)	−0.085	0.04	−0.08 [−0.16; −0.01]	10.8%	11.1%
EGCUT (487)	−0.022	0.07	−0.02 [−0.16; 0.12]	3.3%	3.4%
KORA (1064)	−0.085	0.05	−0.08 [−0.18; 0.01]	7.0%	7.3%
NSPHS (866)	−0.124	0.06	−0.12 [−0.24; −0.01]	4.5%	4.7%
ORCADES (982)	−0.064	0.05	−0.06 [−0.16; 0.03]	6.5%	6.8%
STABILITY (2951)	−0.087	0.03	−0.09 [−0.14; −0.03]	22.5%	22.2%
STANLEY (344)	−0.129	0.08	−0.13 [−0.29; 0.03]	2.5%	2.6%
STANLEY (300)	−0.109	0.08	−0.11 [−0.27; 0.05]	2.5%	2.6%
VIS (902)	−0.062	0.05	−0.06 [−0.16; 0.04]	6.5%	6.8%
Common effect model			**−0.10 [−0.12; −0.07]**	**100.0%**	**––**
Random effects model			**−0.10 [−0.12; −0.07]**	**––**	**100.0%**



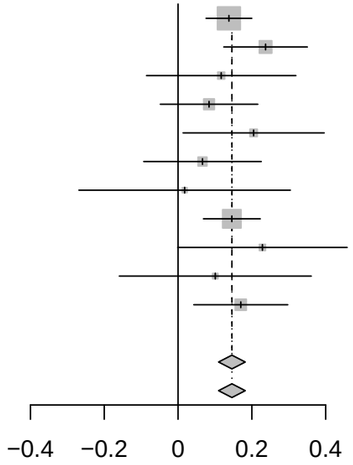
Heterogeneity: I^2 = 0%, τ^2 < 0.0001, p = 0.82

CCL20 (CCL20)−rs10207134

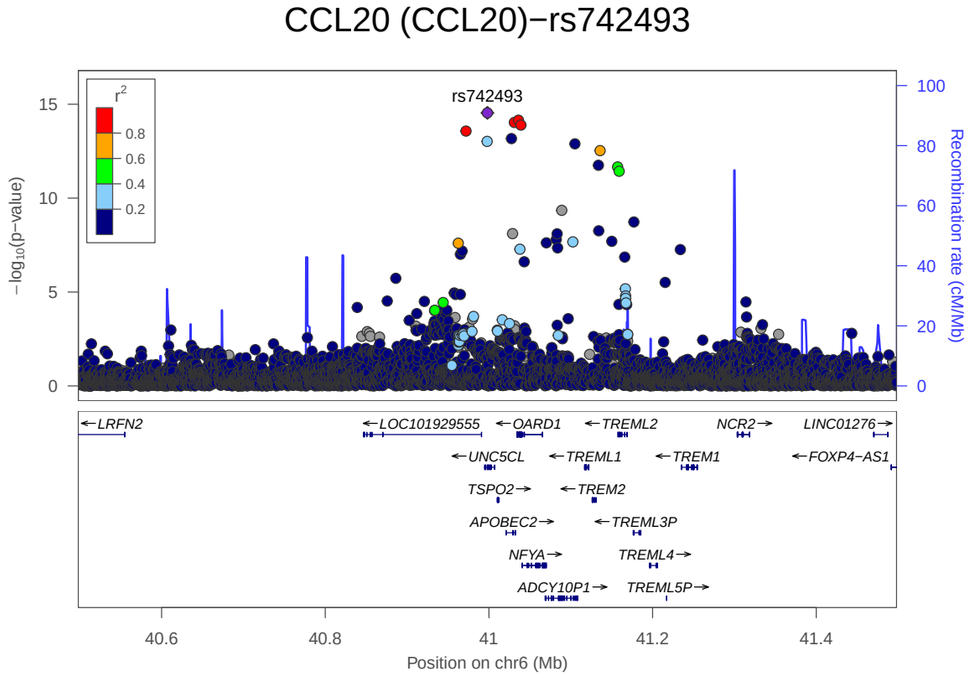


CCL20 (CCL20) [chr6:40998167_C_T (rs742493) (T/C) N=14735]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.138	0.03	0.14 [0.08; 0.20]	34.1%	34.1%
BioFinder (1496)	0.237	0.06	0.24 [0.12; 0.35]	10.2%	10.2%
EGCUT (487)	0.117	0.10	0.12 [−0.09; 0.32]	3.2%	3.2%
KORA (1064)	0.084	0.07	0.08 [−0.05; 0.22]	7.5%	7.5%
NSPHS (866)	0.205	0.10	0.20 [0.01; 0.40]	3.6%	3.6%
ORCADES (982)	0.066	0.08	0.07 [−0.09; 0.23]	5.2%	5.2%
RECOMBINE (447)	0.018	0.15	0.02 [−0.27; 0.30]	1.6%	1.6%
STABILITY (2951)	0.146	0.04	0.15 [0.07; 0.22]	22.1%	22.1%
STANLEY (344)	0.229	0.12	0.23 [−0.00; 0.46]	2.5%	2.5%
STANLEY (300)	0.101	0.13	0.10 [−0.16; 0.36]	1.9%	1.9%
VIS (902)	0.170	0.06	0.17 [0.04; 0.30]	8.1%	8.1%
Common effect model			**0.15 [0.11; 0.18]**	**100.0%**	**––**
Random effects model			**0.15 [0.11; 0.18]**	**––**	**100.0%**

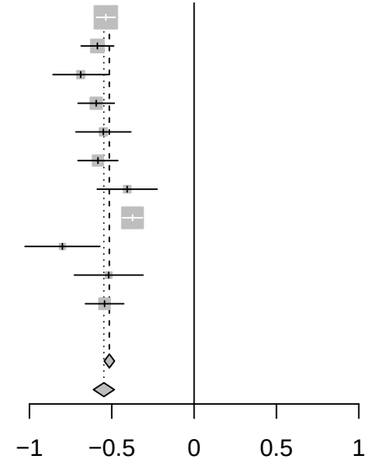


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.79



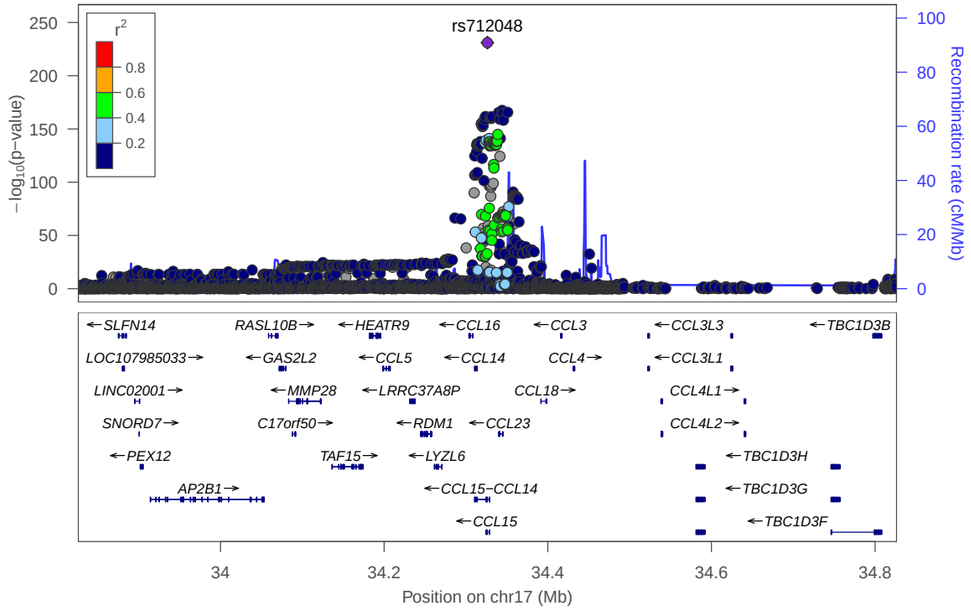
CCL23 (CCL23) [chr17:34326215_A_C (rs712048) (A/C) N=14723]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.536	0.03	−0.54 [−0.59; −0.48]	29.5%	13.4%
BioFinder (1496)	−0.587	0.05	−0.59 [−0.69; −0.49]	9.8%	11.0%
EGCUT (487)	−0.689	0.09	−0.69 [−0.86; −0.52]	3.4%	7.3%
KORA (1064)	−0.595	0.06	−0.59 [−0.70; −0.48]	7.9%	10.4%
NSPHS (866)	−0.551	0.09	−0.55 [−0.72; −0.38]	3.4%	7.4%
ORCADES (982)	−0.584	0.06	−0.58 [−0.71; −0.46]	6.5%	9.7%
RECOMBINE (435)	−0.406	0.09	−0.41 [−0.59; −0.22]	2.9%	6.7%
STABILITY (2951)	−0.374	0.03	−0.37 [−0.44; −0.31]	25.4%	13.2%
STANLEY (344)	−0.800	0.12	−0.80 [−1.03; −0.57]	1.9%	5.1%
STANLEY (300)	−0.519	0.11	−0.52 [−0.73; −0.31]	2.2%	5.7%
VIS (902)	−0.544	0.06	−0.54 [−0.66; −0.43]	7.0%	10.0%
Common effect model			**−0.51 [−0.55; −0.48]**	**100.0%**	**––**
Random effects model			**−0.55 [−0.61; −0.48]**	**––**	**100.0%**



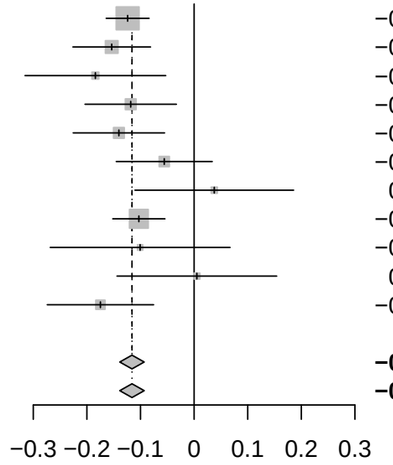
Heterogeneity: I^2 = 74%, τ^2 = 0.0070, p < 0.01

CCL23 (CCL23)−rs712048

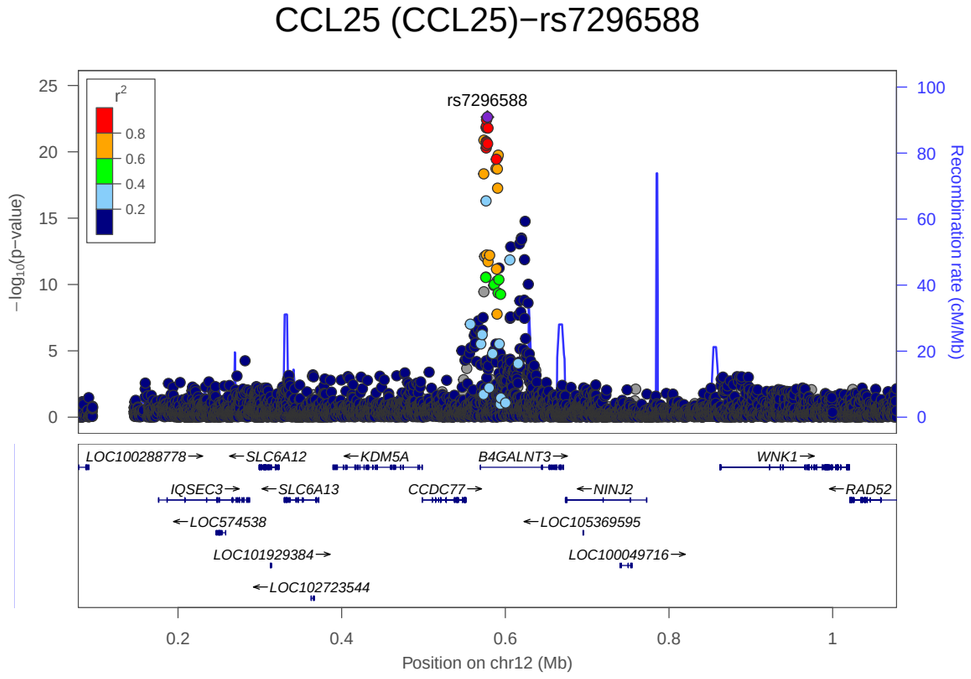


CCL25 (CCL25) [chr12:578100_A_G (rs7296588) (A/G) N=14726]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.124	0.02	−0.12 [−0.16; −0.08]	32.5%	32.4%
BioFinder (1496)	−0.154	0.04	−0.15 [−0.23; −0.08]	9.9%	9.9%
EGCUT (487)	−0.184	0.07	−0.18 [−0.32; −0.05]	3.0%	3.0%
KORA (1064)	−0.118	0.04	−0.12 [−0.20; −0.03]	7.2%	7.2%
NSPHS (866)	−0.140	0.04	−0.14 [−0.23; −0.06]	7.2%	7.2%
ORCADES (982)	−0.056	0.05	−0.06 [−0.15; 0.03]	6.5%	6.5%
RECOMBINE (438)	0.038	0.08	0.04 [−0.11; 0.19]	2.4%	2.4%
STABILITY (2951)	−0.103	0.02	−0.10 [−0.15; −0.05]	21.9%	21.9%
STANLEY (344)	−0.101	0.09	−0.10 [−0.27; 0.07]	1.8%	1.9%
STANLEY (300)	0.005	0.08	0.01 [−0.14; 0.15]	2.3%	2.4%
VIS (902)	−0.175	0.05	−0.17 [−0.27; −0.08]	5.3%	5.3%
Common effect model			**−0.12 [−0.14; −0.09]**	**100.0%**	––
Random effects model			**−0.12 [−0.14; −0.09]**	––	**100.0%**

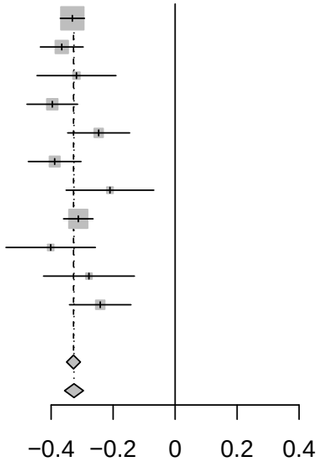


Heterogeneity: I^2 = 21%, τ^2 < 0.0001, p = 0.25

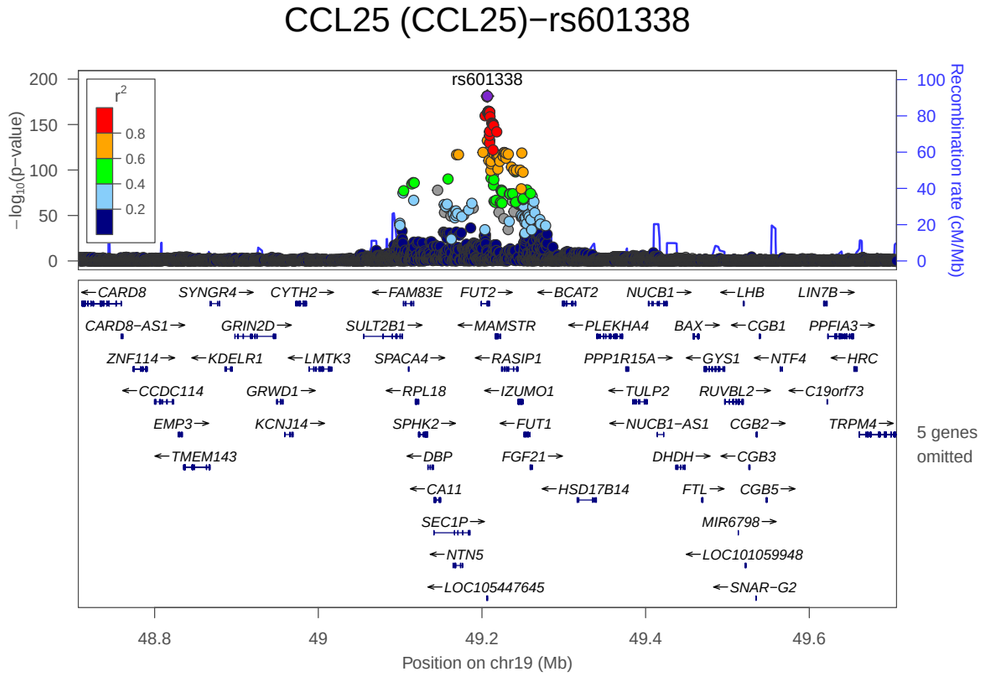


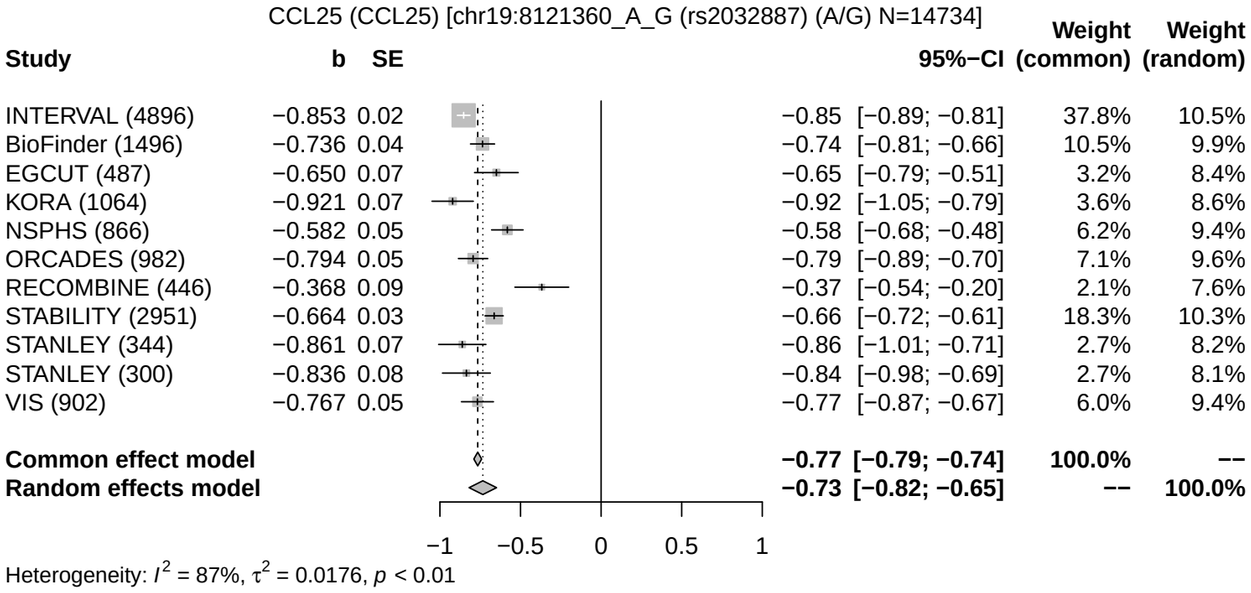
CCL25 (CCL25) [chr19:49206674_A_G (rs601338) (A/G) N=14735]

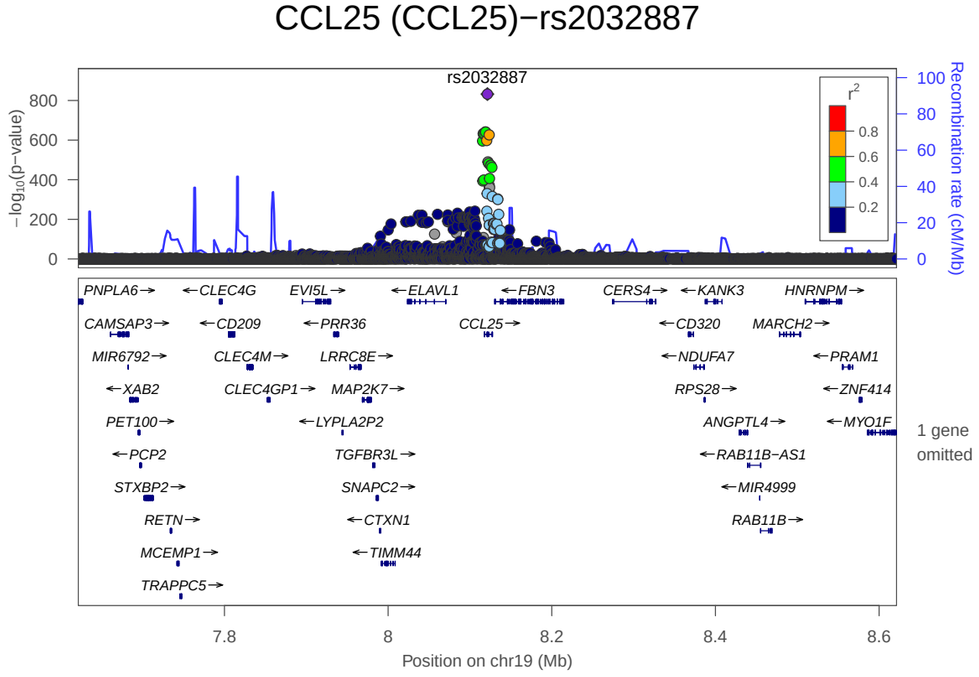
Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.331	0.02	−0.33 [−0.37; −0.29]	32.8%	20.7%
BioFinder (1496)	−0.366	0.04	−0.37 [−0.43; −0.30]	10.4%	12.0%
EGCUT (487)	−0.318	0.07	−0.32 [−0.45; −0.19]	3.1%	4.8%
KORA (1064)	−0.396	0.04	−0.40 [−0.48; −0.31]	7.5%	9.6%
NSPHS (866)	−0.247	0.05	−0.25 [−0.35; −0.15]	5.0%	7.1%
ORCADES (982)	−0.388	0.04	−0.39 [−0.47; −0.30]	6.9%	9.1%
RECOMBINE (447)	−0.210	0.07	−0.21 [−0.35; −0.07]	2.5%	4.0%
STABILITY (2951)	−0.312	0.02	−0.31 [−0.36; −0.26]	22.0%	17.8%
STANLEY (344)	−0.401	0.07	−0.40 [−0.55; −0.26]	2.4%	3.9%
STANLEY (300)	−0.278	0.07	−0.28 [−0.42; −0.13]	2.3%	3.8%
VIS (902)	−0.242	0.05	−0.24 [−0.34; −0.14]	5.1%	7.2%
Common effect model			**−0.33 [−0.35; −0.31]**	**100.0%**	**––**
Random effects model			**−0.33 [−0.36; −0.30]**	**––**	**100.0%**



Heterogeneity: I^2 = 37%, τ^2 = 0.0008, p = 0.11

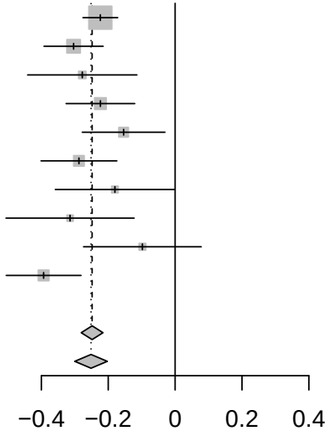



CCL25 (CCL25) [chr19:8121360_A_G (rs2032887) (A/G) N=14734]
Study
b
SE
95%−CI
Weight (common)
Weight (random)
INTERVAL (4896) −0.853 0.02 −0.85 [−0.89; −0.81] 37.8% 10.5%
BioFinder (1496) −0.736 0.04 −0.74 [−0.81; −0.66] 10.5% 9.9%
EGCUT (487) −0.650 0.07 −0.65 [−0.79; −0.51] 3.2% 8.4%
KORA (1064) −0.921 0.07 −0.92 [−1.05; −0.79] 3.6% 8.6%
NSPHS (866) −0.582 0.05 −0.58 [−0.68; −0.48] 6.2% 9.4%
ORCADES (982) −0.794 0.05 −0.79 [−0.89; −0.70] 7.1% 9.6%
RECOMBINE (446) −0.368 0.09 −0.37 [−0.54; −0.20] 2.1% 7.6%
STABILITY (2951) −0.664 0.03 −0.66 [−0.72; −0.61] 18.3% 10.3%
STANLEY (344) −0.861 0.07 −0.86 [−1.01; −0.71] 2.7% 8.2%
STANLEY (300) −0.836 0.08 −0.84 [−0.98; −0.69] 2.7% 8.1%
VIS (902) −0.767 0.05 −0.77 [−0.87; −0.67] 6.0% 9.4%
Common effect model −0.77 [−0.79; −0.74] 100.0% ––
Random effects model −0.73 [−0.82; −0.65] –– 100.0%
−1
−0.5
0
0.5
1
Heterogeneity: I^2 = 87%, τ^2 = 0.0176, p < 0.01


CCL25 (CCL25)−rs2032887
rs2032887
−log10(p−value)
800
600
400
200
0
r2
0.8
0.6
0.4
0.2
Recombination rate (cM/Mb)
100
80
60
40
20
0
PNPLA6→ ←CLEC4G EVI5L→ ←ELAVL1 ←FBN3 CERS4→ ←KANK3 HNRNPM→
CAMSAP3→ ←CD209 ←PRR36 CCL25→ ←CD320 MARCH2→
MIR6792→ CLEC4M→ LRRC8E→ ←NDUFA7 ←PRAM1
←XAB2 CLEC4GP1→ MAP2K7→ RPS28→ ←ZNF414
PET100→ ←LYPLA2P2 ANGPTL4→ ←MYO1F
←PCP2 TGFBR3L→ ←RAB11B−AS1
STXBP2→ SNAPC2→ ←MIR4999
RETN→ ←CTXN1 RAB11B→
MCEMP1→ ←TIMM44
TRAPPC5→
1 gene omitted
7.8
8
8.2
8.4
8.6
Position on chr19 (Mb)

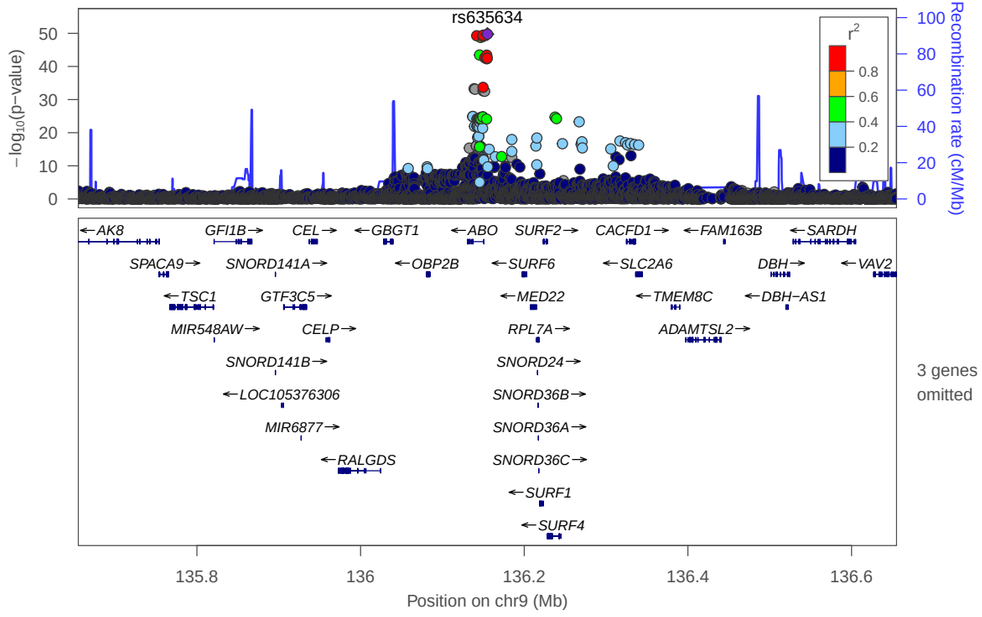
CCL25 (CCL25) [chr9:136155000_C_T (rs635634) (T/C) N=11785]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.224	0.03	−0.22 [−0.28; −0.17]	39.2%	19.7%
BioFinder (1496)	−0.304	0.05	−0.30 [−0.39; −0.22]	13.5%	13.8%
EGCUT (487)	−0.278	0.08	−0.28 [−0.44; −0.11]	4.0%	6.6%
KORA (1064)	−0.223	0.05	−0.22 [−0.33; −0.12]	10.0%	11.9%
NSPHS (866)	−0.154	0.06	−0.15 [−0.28; −0.03]	6.9%	9.6%
ORCADES (982)	−0.288	0.06	−0.29 [−0.40; −0.17]	8.2%	10.7%
RECOMBINE (448)	−0.180	0.09	−0.18 [−0.36; −0.00]	3.3%	5.8%
STANLEY (344)	−0.314	0.10	−0.31 [−0.51; −0.12]	2.9%	5.2%
STANLEY (300)	−0.098	0.09	−0.10 [−0.27; 0.08]	3.4%	5.9%
VIS (902)	−0.393	0.06	−0.39 [−0.51; −0.28]	8.5%	10.9%
Common effect model			**−0.25 [−0.28; −0.22]**	**100.0%**	**––**
Random effects model			**−0.25 [−0.30; −0.20]**	**––**	**100.0%**



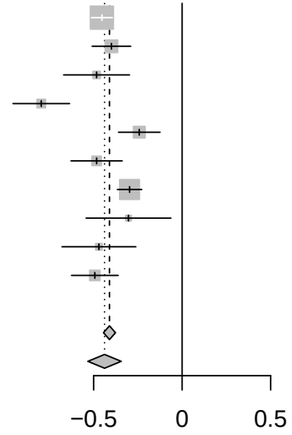
Heterogeneity: I^2 = 43%, τ^2 = 0.0024, p = 0.07

CCL25 (CCL25)−rs635634

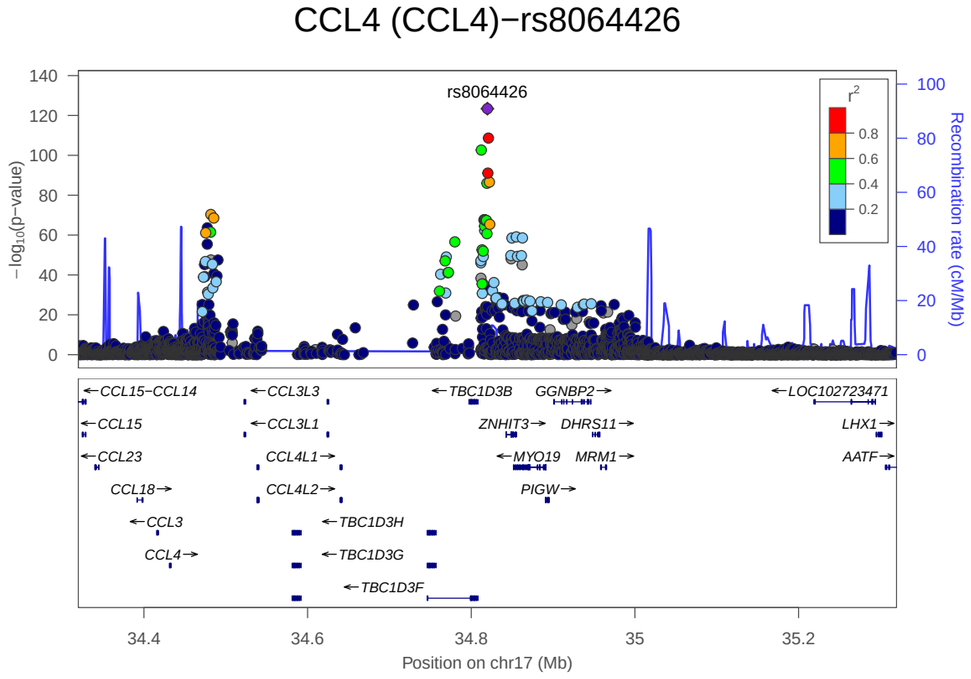


CCL4 (CCL4) [chr17:34819750_A_G (rs8064426) (A/G) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.453	0.03	−0.45 [−0.51; −0.39]	32.9%	12.4%
BioFinder (1496)	−0.399	0.06	−0.40 [−0.51; −0.29]	9.7%	11.1%
EGCUT (487)	−0.483	0.10	−0.48 [−0.67; −0.30]	3.3%	8.6%
KORA (1064)	−0.796	0.08	−0.80 [−0.96; −0.64]	4.5%	9.5%
NSPHS (874)	−0.242	0.06	−0.24 [−0.36; −0.12]	8.4%	10.8%
ORCADES (982)	−0.483	0.07	−0.48 [−0.63; −0.34]	5.5%	10.0%
STABILITY (2951)	−0.297	0.04	−0.30 [−0.37; −0.23]	24.4%	12.2%
STANLEY (344)	−0.303	0.12	−0.30 [−0.54; −0.06]	2.0%	7.1%
STANLEY (300)	−0.470	0.11	−0.47 [−0.68; −0.26]	2.6%	8.0%
VIS (902)	−0.493	0.07	−0.49 [−0.63; −0.36]	6.6%	10.4%
Common effect model			**−0.41 [−0.44; −0.38]**	**100.0%**	**––**
Random effects model			**−0.44 [−0.53; −0.34]**	**––**	**100.0%**

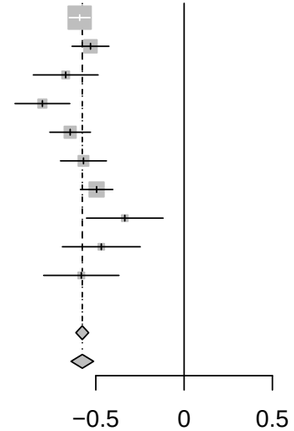


Heterogeneity: I^2 = 81%, τ^2 = 0.0178, p < 0.01

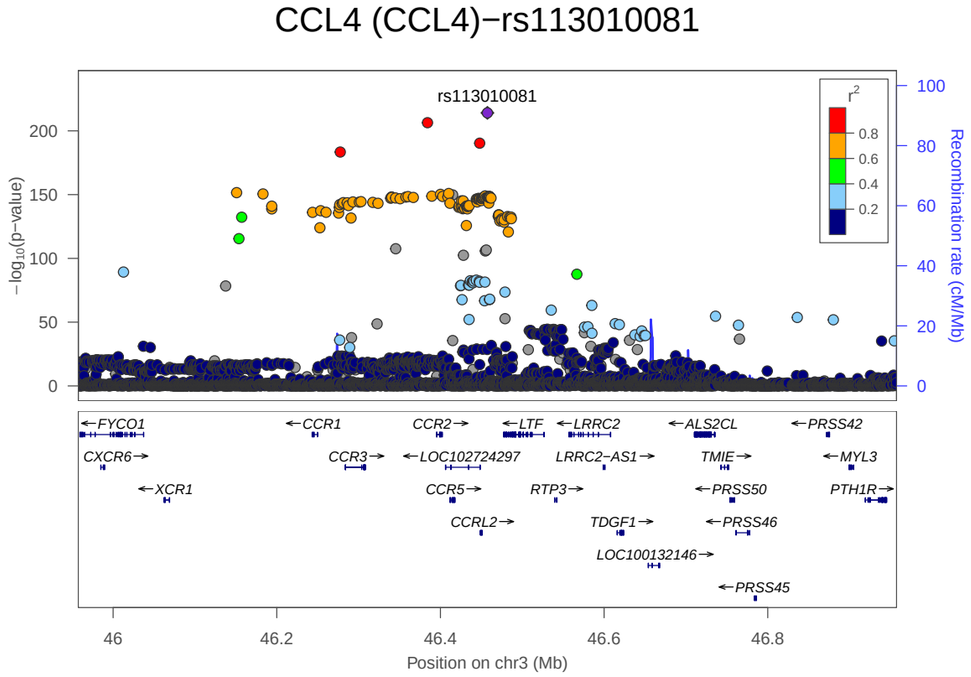


CCL4 (CCL4) [chr3:46457412_C_T (rs113010081) (T/C) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.591	0.03	−0.59 [−0.65; −0.53]	37.3%	16.5%
BioFinder (1496)	−0.530	0.05	−0.53 [−0.63; −0.43]	12.0%	12.7%
EGCUT (487)	−0.670	0.09	−0.67 [−0.85; −0.49]	3.9%	7.4%
KORA (1064)	−0.802	0.08	−0.80 [−0.96; −0.65]	5.4%	9.0%
NSPHS (874)	−0.645	0.06	−0.65 [−0.76; −0.53]	9.8%	11.9%
ORCADES (982)	−0.570	0.07	−0.57 [−0.70; −0.44]	7.7%	10.7%
STABILITY (2951)	−0.496	0.05	−0.50 [−0.59; −0.40]	15.5%	13.8%
STANLEY (344)	−0.336	0.11	−0.34 [−0.55; −0.12]	2.8%	6.0%
STANLEY (300)	−0.469	0.11	−0.47 [−0.69; −0.25]	2.7%	5.8%
VIS (902)	−0.582	0.11	−0.58 [−0.80; −0.37]	2.9%	6.1%
Common effect model			**−0.58 [−0.61; −0.54]**	**100.0%**	**––**
Random effects model			**−0.58 [−0.64; −0.51]**	**––**	**100.0%**

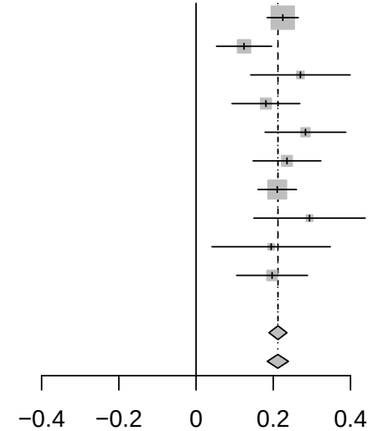


Heterogeneity: I^2 = 55%, τ^2 = 0.0055, p = 0.02

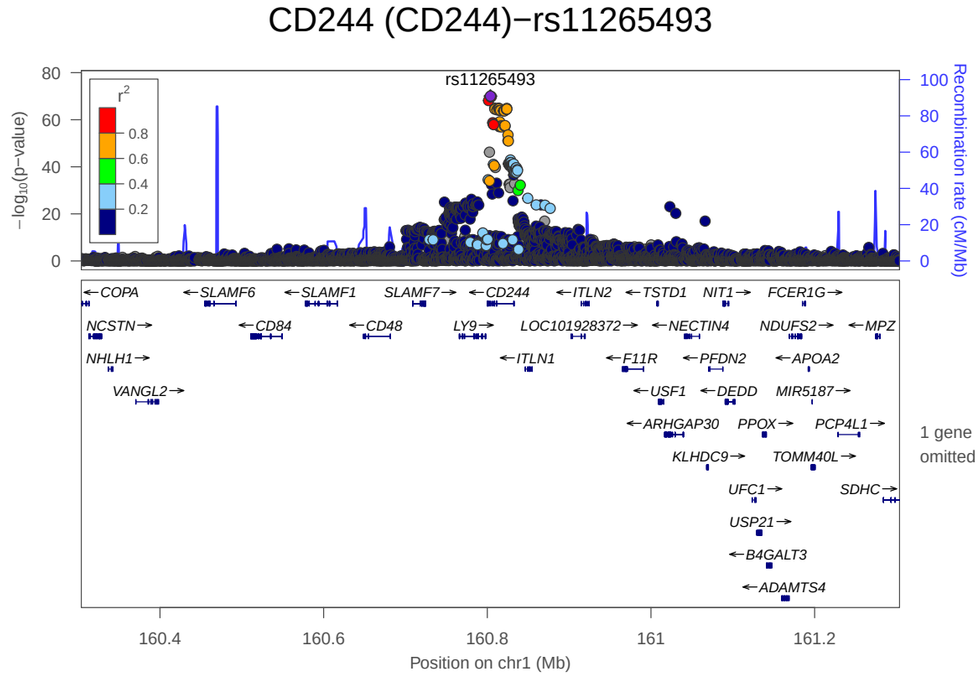


CD244 (CD244) [chr1:160803802_A_G (rs11265493) (A/G) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.225	0.02	0.22 [0.18; 0.27]	33.5%	26.4%
BioFinder (1496)	0.124	0.04	0.12 [0.05; 0.20]	10.7%	11.9%
EGCUT (487)	0.270	0.07	0.27 [0.14; 0.40]	3.3%	4.2%
KORA (1064)	0.181	0.04	0.18 [0.09; 0.27]	7.1%	8.4%
NSPHS (866)	0.283	0.05	0.28 [0.18; 0.39]	5.0%	6.2%
ORCADES (981)	0.236	0.04	0.24 [0.15; 0.32]	7.1%	8.4%
STABILITY (2951)	0.210	0.03	0.21 [0.16; 0.26]	21.9%	20.3%
STANLEY (344)	0.294	0.07	0.29 [0.15; 0.44]	2.6%	3.4%
STANLEY (300)	0.195	0.08	0.19 [0.04; 0.35]	2.3%	3.0%
VIS (902)	0.197	0.05	0.20 [0.10; 0.29]	6.5%	7.8%
Common effect model			**0.21 [0.19; 0.24]**	**100.0%**	**––**
Random effects model			**0.21 [0.18; 0.24]**	**––**	**100.0%**

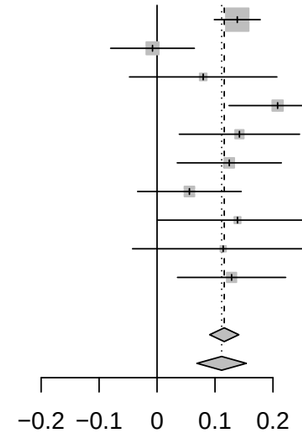


Heterogeneity: I^2 = 17%, τ^2 = 0.0003, p = 0.28



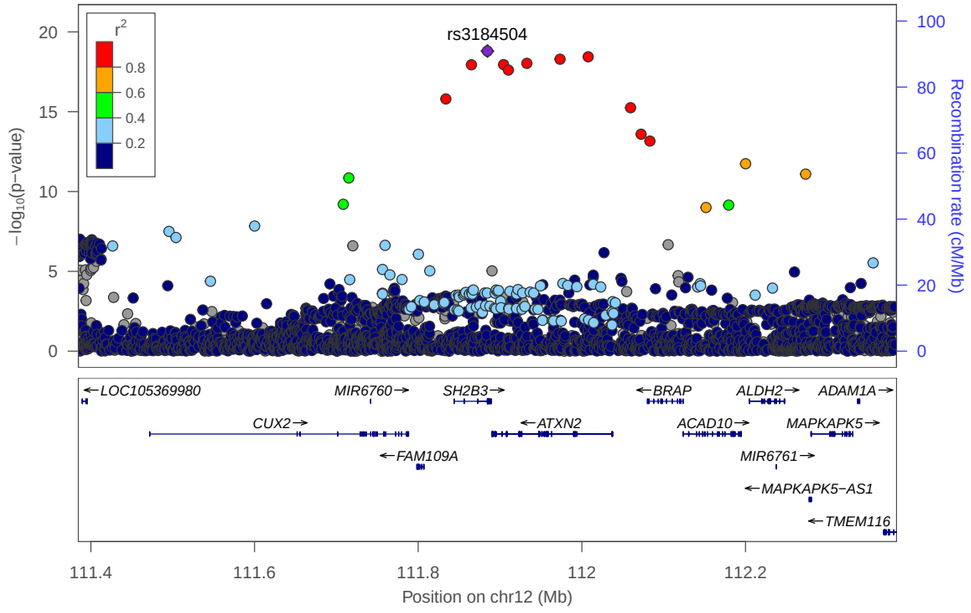
CD244 (CD244) [chr12:111884608_C_T (rs3184504) (T/C) N=11784]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.138	0.02	0.14 [0.10; 0.18]	40.2%	16.9%
BioFinder (1496)	−0.008	0.04	−0.01 [−0.08; 0.06]	12.1%	12.6%
EGCUT (487)	0.080	0.06	0.08 [−0.05; 0.21]	3.9%	7.2%
KORA (1064)	0.208	0.04	0.21 [0.12; 0.29]	9.0%	11.2%
NSPHS (866)	0.142	0.05	0.14 [0.04; 0.25]	5.9%	9.1%
ORCADES (981)	0.125	0.05	0.12 [0.03; 0.21]	7.8%	10.5%
RECOMBINE (448)	0.056	0.05	0.06 [−0.03; 0.15]	7.9%	10.6%
STANLEY (344)	0.139	0.07	0.14 [0.00; 0.28]	3.3%	6.4%
STANLEY (300)	0.114	0.08	0.11 [−0.04; 0.27]	2.6%	5.4%
VIS (902)	0.129	0.05	0.13 [0.04; 0.22]	7.3%	10.1%
Common effect model			**0.12 [0.09; 0.14]**	**100.0%**	**––**
Random effects model			**0.11 [0.07; 0.15]**	**––**	**100.0%**



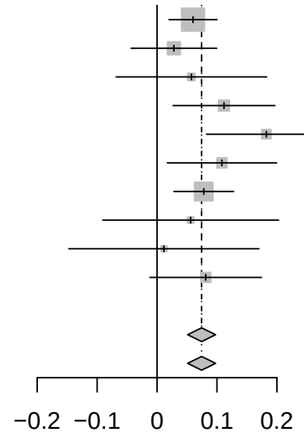
Heterogeneity: I^2 = 54%, τ^2 = 0.0024, p = 0.02

CD244 (CD244)−rs3184504

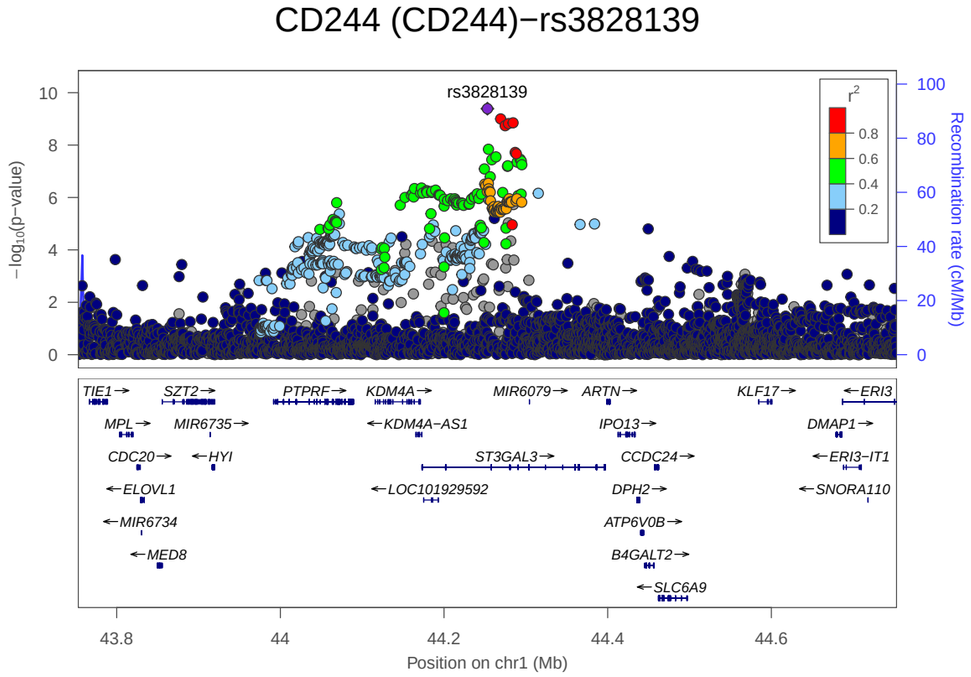


CD244 (CD244) [chr1:44253015_C_T (rs3828139) (T/C) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.060	0.02	0.06 [0.02; 0.10]	33.6%	33.6%
BioFinder (1496)	0.028	0.04	0.03 [−0.04; 0.10]	10.6%	10.6%
EGCUT (487)	0.057	0.06	0.06 [−0.07; 0.18]	3.4%	3.4%
KORA (1064)	0.112	0.04	0.11 [0.03; 0.20]	7.5%	7.5%
NSPHS (866)	0.182	0.05	0.18 [0.08; 0.28]	5.5%	5.5%
ORCADES (981)	0.108	0.05	0.11 [0.02; 0.20]	6.5%	6.5%
STABILITY (2951)	0.078	0.03	0.08 [0.03; 0.13]	21.8%	21.8%
STANLEY (344)	0.056	0.07	0.06 [−0.09; 0.20]	2.5%	2.5%
STANLEY (300)	0.011	0.08	0.01 [−0.15; 0.17]	2.2%	2.2%
VIS (902)	0.081	0.05	0.08 [−0.01; 0.17]	6.3%	6.3%
Common effect model			**0.07 [0.05; 0.10]**	**100.0%**	**––**
Random effects model			**0.07 [0.05; 0.10]**	**––**	**100.0%**

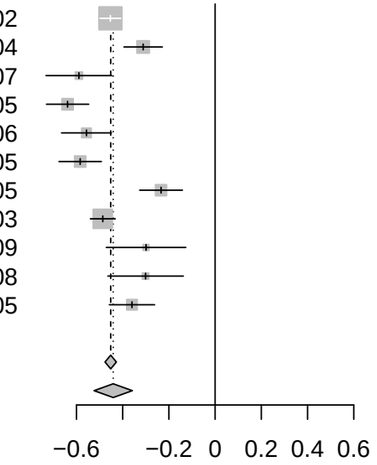


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.47



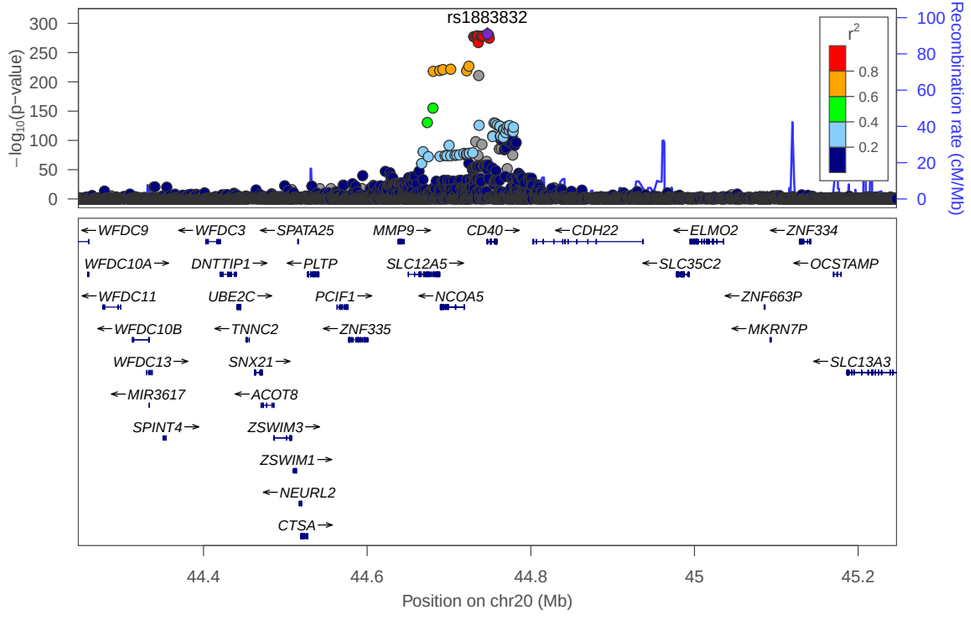
CD40 (CD40) [chr20:44746982_C_T (rs1883832) (T/C) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.453	0.02	−0.45 [−0.50; −0.41]	29.9%	10.4%
BioFinder (1496)	−0.311	0.04	−0.31 [−0.39; −0.23]	8.8%	9.7%
EGCUT (487)	−0.590	0.07	−0.59 [−0.73; −0.45]	3.0%	8.1%
KORA (1064)	−0.639	0.05	−0.64 [−0.73; −0.55]	7.3%	9.5%
NSPHS (866)	−0.557	0.06	−0.56 [−0.66; −0.45]	5.2%	9.1%
ORCADES (982)	−0.584	0.05	−0.58 [−0.68; −0.49]	7.2%	9.5%
RECOMBINE (448)	−0.234	0.05	−0.23 [−0.33; −0.14]	7.1%	9.4%
STABILITY (2951)	−0.486	0.03	−0.49 [−0.54; −0.43]	20.9%	10.2%
STANLEY (344)	−0.299	0.09	−0.30 [−0.47; −0.13]	2.0%	7.3%
STANLEY (300)	−0.301	0.08	−0.30 [−0.46; −0.14]	2.3%	7.6%
VIS (902)	−0.360	0.05	−0.36 [−0.46; −0.26]	6.3%	9.3%
Common effect model			**−0.45 [−0.48; −0.43]**	**100.0%**	**––**
Random effects model			**−0.44 [−0.52; −0.36]**	**––**	**100.0%**



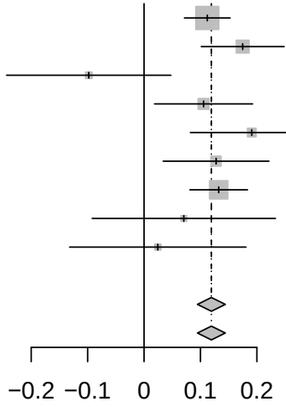
Heterogeneity: I^2 = 87%, τ^2 = 0.0167, p < 0.01

CD40 (CD40)−rs1883832

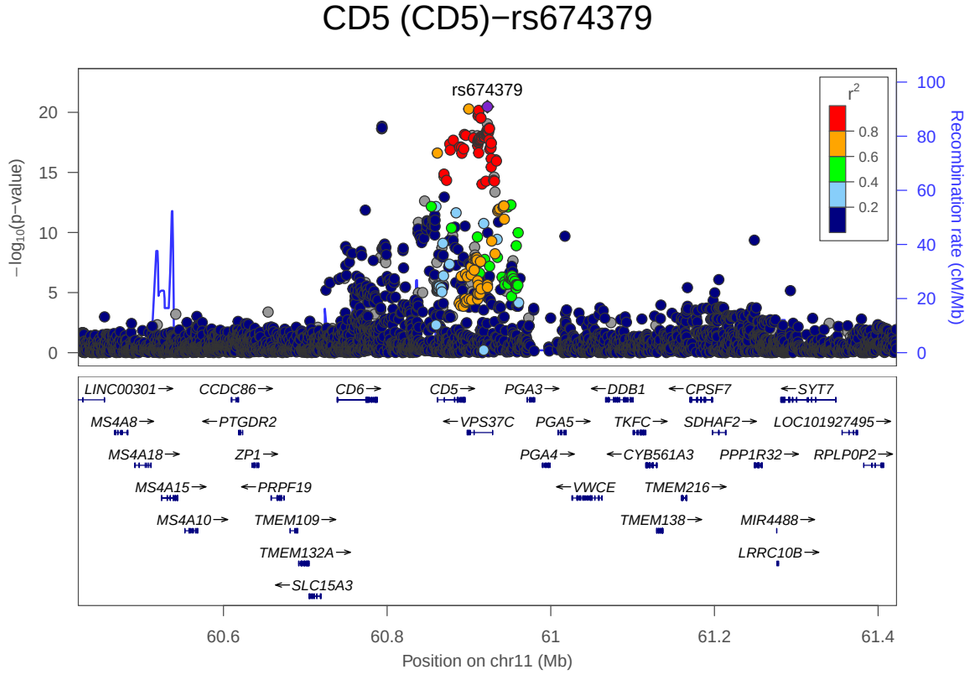


CD5 (CD5) [chr11:60922561_C_G (rs674379) (C/G) N=12835]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.112	0.02	0.11 [0.07; 0.15]	37.2%	37.2%
BioFinder (1496)	0.175	0.04	0.17 [0.10; 0.25]	11.4%	11.4%
EGCUT (487)	−0.098	0.07	−0.10 [−0.24; 0.05]	2.9%	2.9%
KORA (1064)	0.106	0.04	0.11 [0.02; 0.19]	8.1%	8.1%
NSPHS (866)	0.191	0.06	0.19 [0.08; 0.30]	5.2%	5.2%
RECOMBINE (431)	0.128	0.05	0.13 [0.03; 0.22]	7.0%	7.0%
STABILITY (2951)	0.132	0.03	0.13 [0.08; 0.18]	23.4%	23.4%
STANLEY (344)	0.070	0.08	0.07 [−0.09; 0.23]	2.3%	2.3%
STANLEY (300)	0.024	0.08	0.02 [−0.13; 0.18]	2.5%	2.5%
Common effect model			**0.12 [0.09; 0.14]**	**100.0%**	**––**
Random effects model			**0.12 [0.09; 0.14]**	**––**	**100.0%**

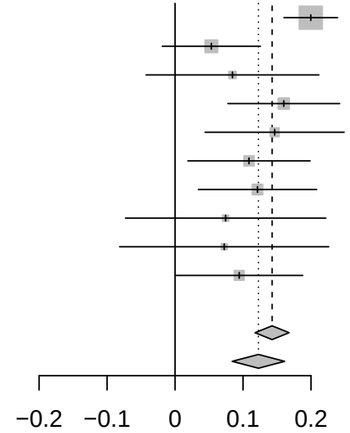


Heterogeneity: I^2 = 45%, τ^2 < 0.0001, p = 0.07



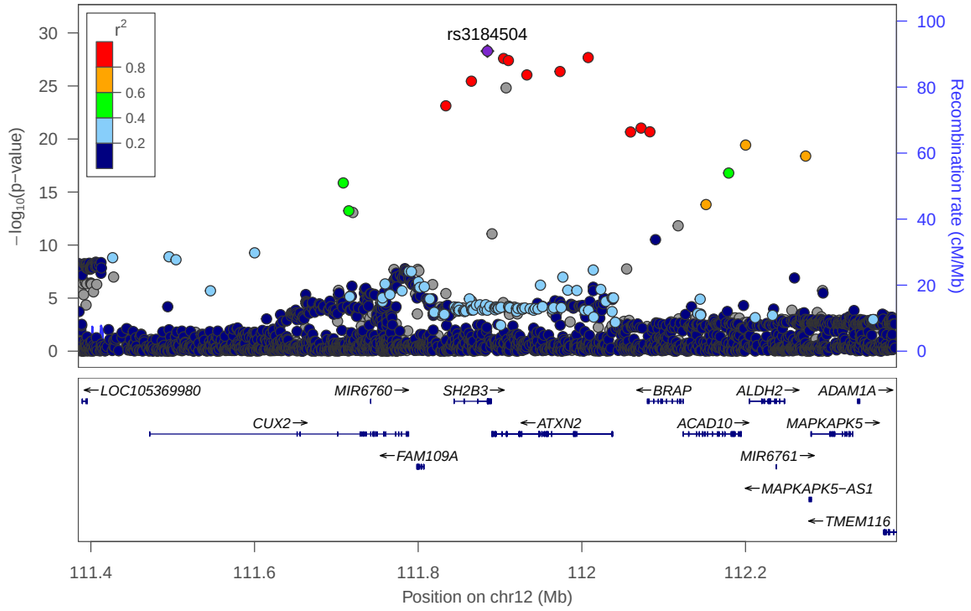
CD5 (CD5) [chr12:111884608_C_T (rs3184504) (T/C) N=11784]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.200	0.02	0.20 [0.16; 0.24]	40.2%	18.9%
BioFinder (1496)	0.053	0.04	0.05 [−0.02; 0.13]	12.0%	12.9%
EGCUT (487)	0.085	0.06	0.08 [−0.04; 0.21]	3.9%	6.6%
KORA (1064)	0.160	0.04	0.16 [0.08; 0.24]	9.3%	11.4%
NSPHS (866)	0.146	0.05	0.15 [0.04; 0.25]	6.0%	8.9%
ORCADES (981)	0.109	0.05	0.11 [0.02; 0.20]	7.7%	10.3%
RECOMBINE (448)	0.121	0.04	0.12 [0.03; 0.21]	8.3%	10.7%
STANLEY (344)	0.074	0.08	0.07 [−0.07; 0.22]	2.9%	5.3%
STANLEY (300)	0.072	0.08	0.07 [−0.08; 0.23]	2.6%	5.0%
VIS (902)	0.094	0.05	0.09 [0.00; 0.19]	7.2%	9.9%
Common effect model			**0.14 [0.12; 0.17]**	**100.0%**	**––**
Random effects model			**0.12 [0.08; 0.16]**	**––**	**100.0%**



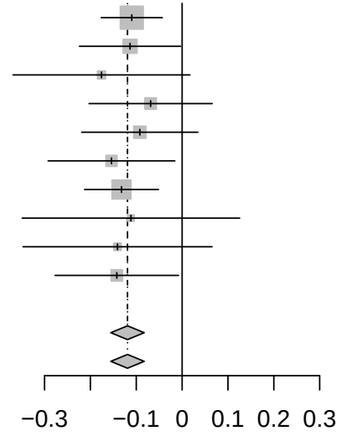
Heterogeneity: I^2 = 51%, τ^2 = 0.0016, p = 0.03

CD5 (CD5)−rs3184504

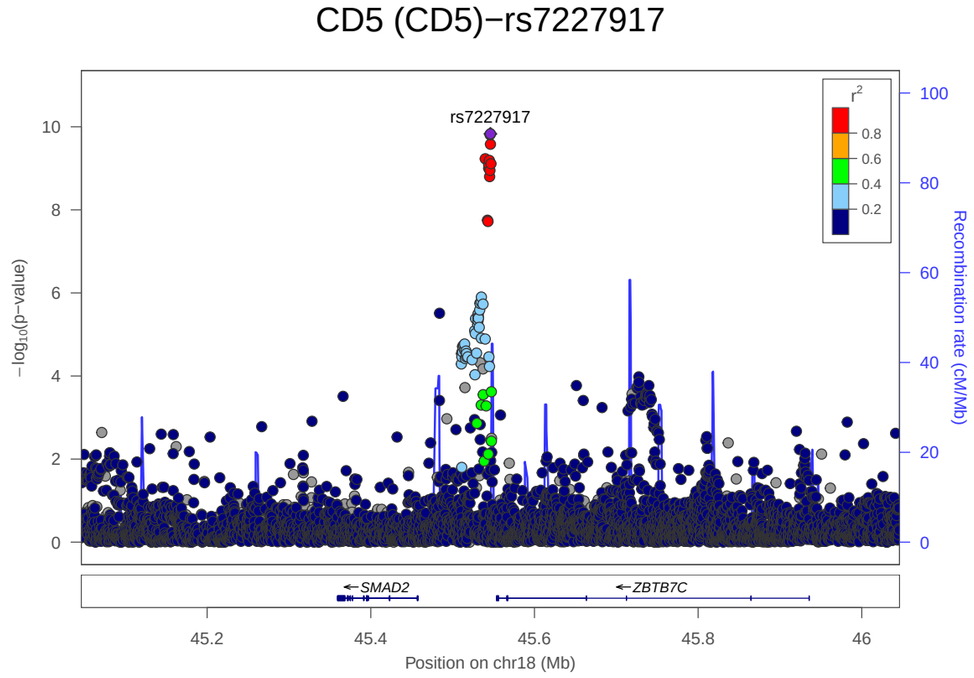


CD5 (CD5) [chr18:45546185_A_G (rs7227917) (A/G) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.110	0.03	−0.11 [−0.18; −0.04]	29.8%	29.8%
BioFinder (1496)	−0.114	0.06	−0.11 [−0.22; −0.00]	10.9%	10.9%
EGCUT (487)	−0.176	0.10	−0.18 [−0.37; 0.02]	3.6%	3.6%
KORA (1064)	−0.069	0.07	−0.07 [−0.20; 0.07]	7.4%	7.4%
NSPHS (866)	−0.092	0.06	−0.09 [−0.22; 0.03]	8.3%	8.3%
ORCADES (981)	−0.154	0.07	−0.15 [−0.29; −0.02]	6.9%	6.9%
STABILITY (2951)	−0.132	0.04	−0.13 [−0.21; −0.05]	20.4%	20.4%
STANLEY (344)	−0.112	0.12	−0.11 [−0.35; 0.13]	2.4%	2.4%
STANLEY (300)	−0.141	0.11	−0.14 [−0.35; 0.07]	3.1%	3.1%
VIS (902)	−0.142	0.07	−0.14 [−0.28; −0.01]	7.3%	7.3%
Common effect model			**−0.12 [−0.16; −0.08]**	**100.0%**	**––**
Random effects model			**−0.12 [−0.16; −0.08]**	**––**	**100.0%**

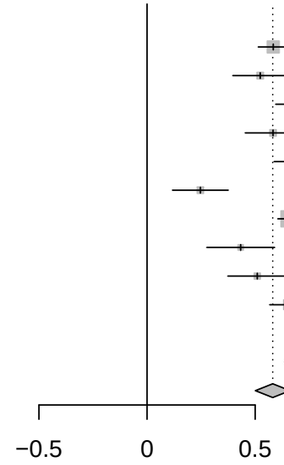


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 1.00

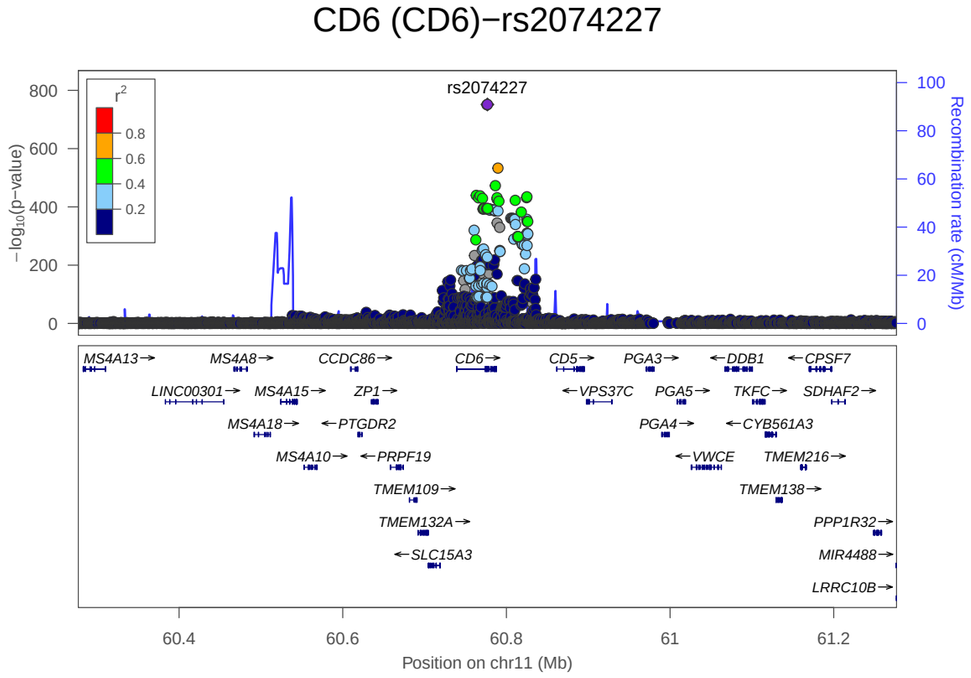


CD6 (CD6) [chr11:60776781_C_T (rs2074227) (T/C) N=14734]

Study	b	SE		95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.746	0.02		0.75 [0.71; 0.78]	37.6%	10.4%
BioFinder (1496)	0.584	0.04		0.58 [0.51; 0.65]	10.1%	9.9%
EGCUT (487)	0.523	0.06		0.52 [0.40; 0.65]	3.0%	8.4%
KORA (1064)	0.677	0.04		0.68 [0.60; 0.76]	7.2%	9.6%
NSPHS (866)	0.583	0.07		0.58 [0.45; 0.71]	2.9%	8.4%
ORCADES (982)	0.670	0.04		0.67 [0.59; 0.75]	7.1%	9.6%
RECOMBINE (447)	0.247	0.07		0.25 [0.12; 0.38]	2.9%	8.4%
STABILITY (2951)	0.657	0.03		0.66 [0.60; 0.71]	18.1%	10.2%
STANLEY (344)	0.433	0.08		0.43 [0.28; 0.59]	2.0%	7.6%
STANLEY (300)	0.510	0.07		0.51 [0.37; 0.65]	2.6%	8.2%
VIS (901)	0.654	0.04		0.65 [0.57; 0.74]	6.5%	9.5%
Common effect model				**0.66 [0.64; 0.68]**	**100.0%**	**––**
Random effects model				**0.58 [0.50; 0.66]**	**––**	**100.0%**

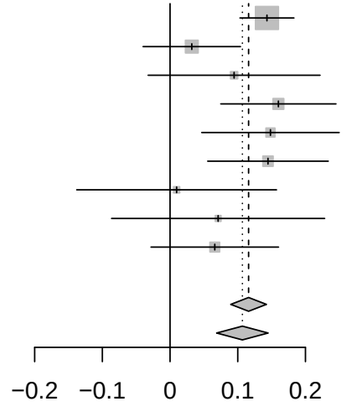


Heterogeneity: I^2 = 88%, τ^2 = 0.0158, p < 0.01



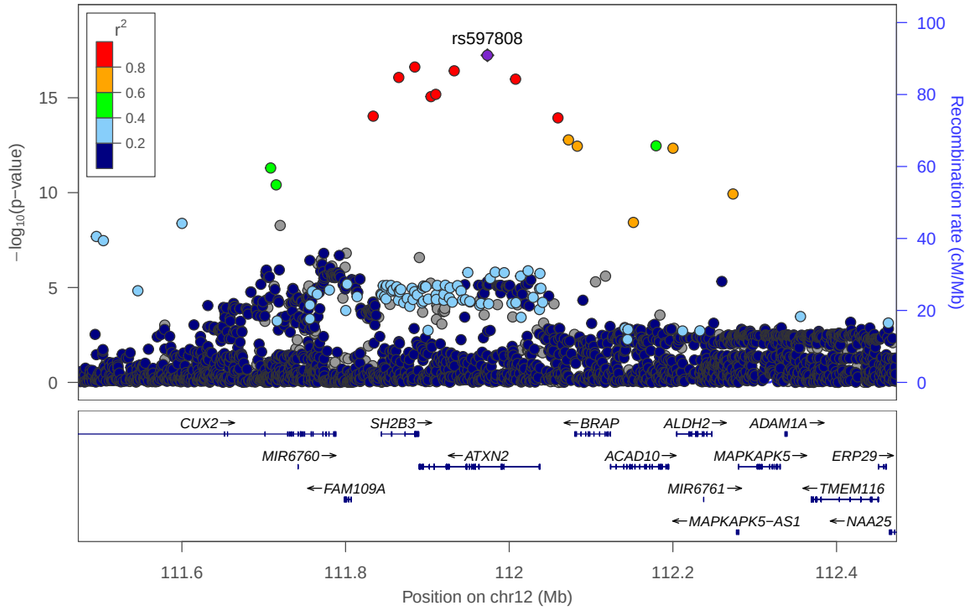
CD6 (CD6) [chr12:111973358_A_G (rs597808) (A/G) N=11336]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.143	0.02	0.14 [0.10; 0.18]	43.5%	23.5%
BioFinder (1496)	0.032	0.04	0.03 [−0.04; 0.10]	13.4%	14.8%
EGCUT (487)	0.095	0.06	0.09 [−0.03; 0.22]	4.3%	7.0%
KORA (1064)	0.160	0.04	0.16 [0.07; 0.25]	9.6%	12.2%
NSPHS (866)	0.148	0.05	0.15 [0.05; 0.25]	6.7%	9.7%
ORCADES (982)	0.145	0.05	0.14 [0.06; 0.23]	8.7%	11.6%
STANLEY (344)	0.010	0.08	0.01 [−0.14; 0.16]	3.2%	5.5%
STANLEY (300)	0.071	0.08	0.07 [−0.09; 0.23]	2.8%	4.9%
VIS (901)	0.066	0.05	0.07 [−0.03; 0.16]	7.8%	10.8%
Common effect model			**0.12 [0.09; 0.14]**	**100.0%**	**––**
Random effects model			**0.11 [0.07; 0.14]**	**––**	**100.0%**



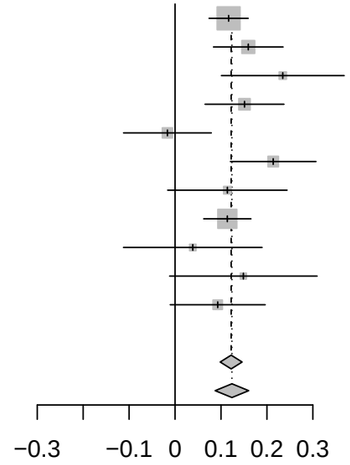
Heterogeneity: I^2 = 35%, τ^2 = 0.0012, p = 0.14

CD6 (CD6)−rs597808

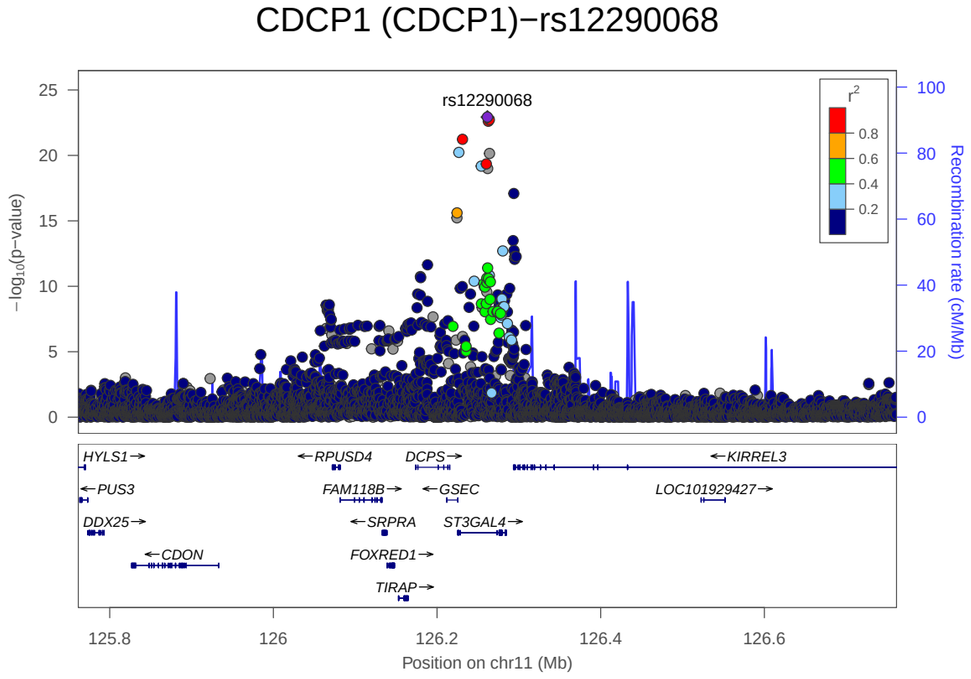


CDCP1 (CDCP1) [chr11:126261564_A_G (rs12290068) (A/G) N=14726]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.117	0.02	0.12 [0.07; 0.16]	31.4%	17.1%
BioFinder (1496)	0.159	0.04	0.16 [0.08; 0.24]	9.9%	11.4%
EGCUT (487)	0.234	0.07	0.23 [0.10; 0.37]	3.2%	5.6%
KORA (1064)	0.151	0.04	0.15 [0.07; 0.24]	7.7%	10.0%
NSPHS (866)	−0.017	0.05	−0.02 [−0.11; 0.08]	6.2%	8.8%
ORCADES (980)	0.214	0.05	0.21 [0.12; 0.31]	6.6%	9.1%
RECOMBINE (440)	0.114	0.07	0.11 [−0.02; 0.24]	3.4%	5.8%
STABILITY (2951)	0.114	0.03	0.11 [0.06; 0.17]	21.5%	15.4%
STANLEY (344)	0.039	0.08	0.04 [−0.11; 0.19]	2.5%	4.6%
STANLEY (300)	0.149	0.08	0.15 [−0.01; 0.31]	2.2%	4.2%
VIS (902)	0.093	0.05	0.09 [−0.01; 0.20]	5.3%	8.0%
Common effect model			**0.12 [0.10; 0.15]**	**100.0%**	**––**
Random effects model			**0.12 [0.09; 0.16]**	**––**	**100.0%**

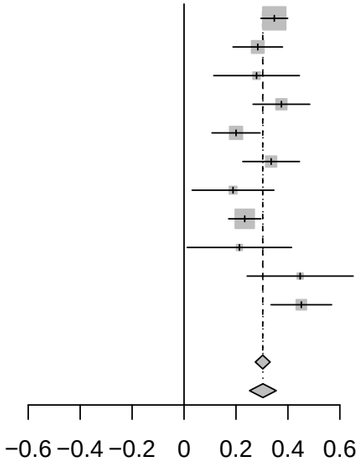


Heterogeneity: I^2 = 43%, τ^2 = 0.0016, p = 0.06

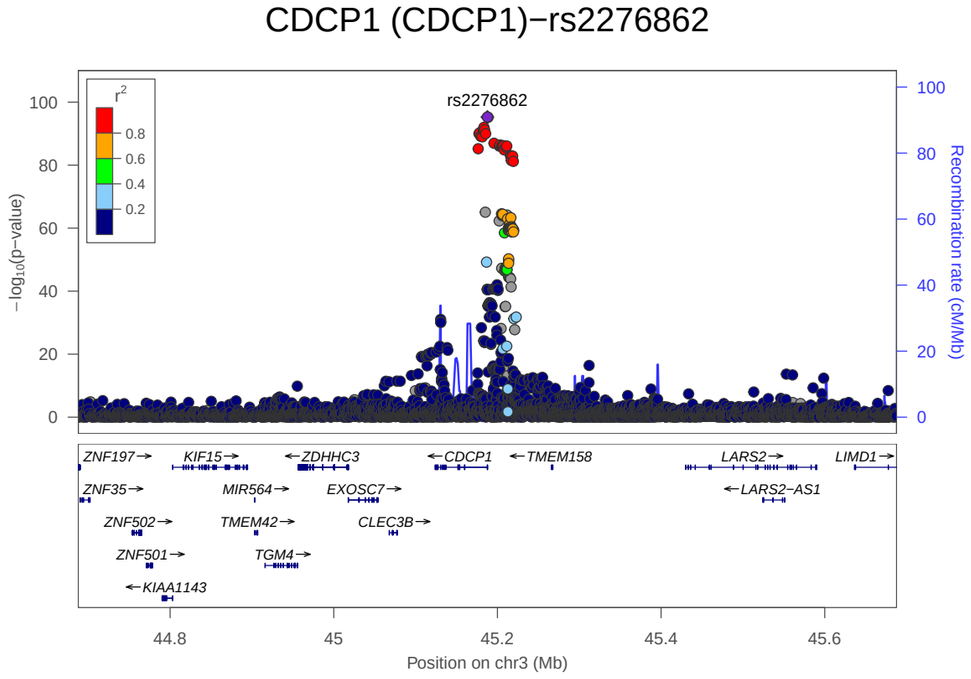


CDCP1 (CDCP1) [chr3:45187785_C_G (rs2276862) (C/G) N=14730]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.348	0.03	0.35 [0.30; 0.40]	30.5%	14.5%
BioFinder (1496)	0.284	0.05	0.28 [0.19; 0.38]	9.0%	10.7%
EGCUT (487)	0.279	0.08	0.28 [0.11; 0.44]	3.0%	6.2%
KORA (1064)	0.375	0.06	0.37 [0.27; 0.48]	6.8%	9.6%
NSPHS (866)	0.200	0.05	0.20 [0.11; 0.29]	9.5%	10.9%
ORCADES (980)	0.335	0.06	0.34 [0.23; 0.44]	6.8%	9.6%
RECOMBINE (444)	0.189	0.08	0.19 [0.03; 0.35]	3.3%	6.5%
STABILITY (2951)	0.234	0.03	0.23 [0.17; 0.30]	21.1%	13.6%
STANLEY (344)	0.213	0.10	0.21 [0.01; 0.41]	2.0%	4.7%
STANLEY (300)	0.447	0.10	0.45 [0.24; 0.65]	2.0%	4.6%
VIS (902)	0.452	0.06	0.45 [0.33; 0.57]	6.0%	9.1%
Common effect model			**0.30 [0.27; 0.33]**	**100.0%**	**––**
Random effects model			**0.30 [0.25; 0.36]**	**––**	**100.0%**

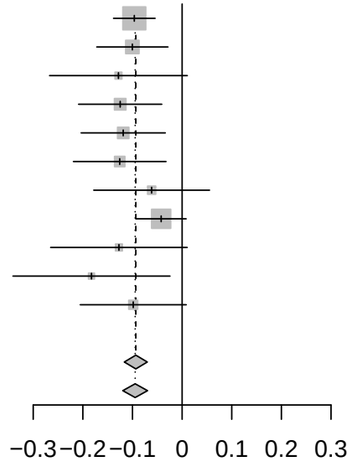


Heterogeneity: I^2 = 61%, τ^2 = 0.0041, p < 0.01

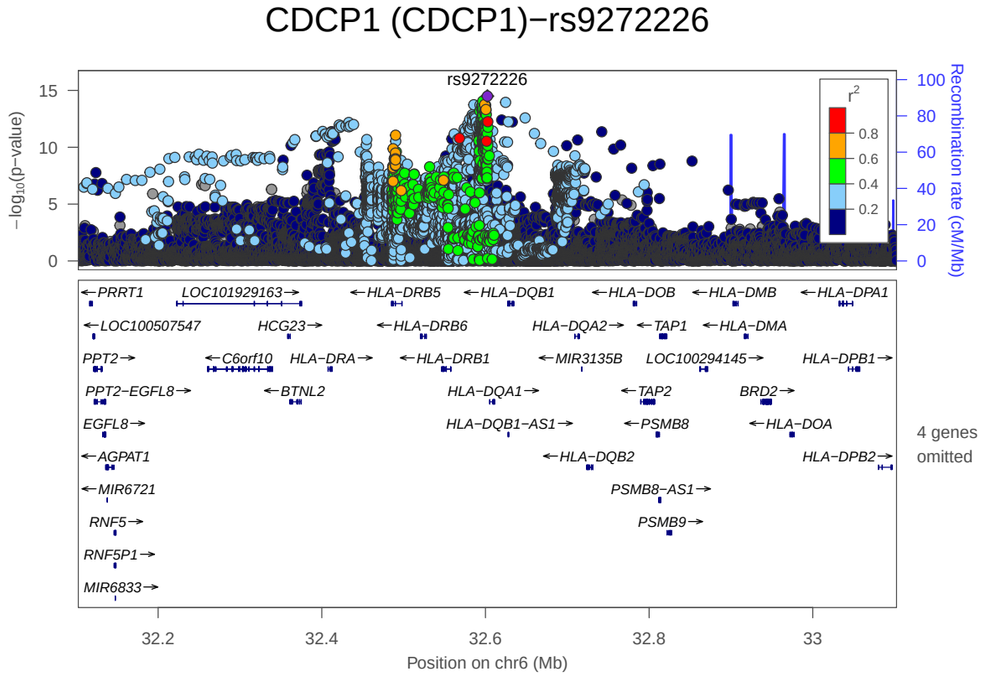


CDCP1 (CDCP1) [chr6:32602396_C_T (rs9272226) (T/C) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.096	0.02	−0.10 [−0.14; −0.05]	30.6%	27.2%
BioFinder (1496)	−0.100	0.04	−0.10 [−0.17; −0.03]	10.4%	11.0%
EGCUT (487)	−0.128	0.07	−0.13 [−0.27; 0.01]	2.8%	3.1%
KORA (1064)	−0.125	0.04	−0.12 [−0.21; −0.04]	7.7%	8.2%
NSPHS (866)	−0.119	0.04	−0.12 [−0.20; −0.03]	7.5%	8.1%
ORCADES (980)	−0.126	0.05	−0.13 [−0.22; −0.03]	6.2%	6.7%
RECOMBINE (447)	−0.061	0.06	−0.06 [−0.18; 0.06]	3.9%	4.4%
STABILITY (2951)	−0.042	0.03	−0.04 [−0.09; 0.01]	21.2%	20.3%
STANLEY (344)	−0.127	0.07	−0.13 [−0.26; 0.01]	2.8%	3.2%
STANLEY (300)	−0.183	0.08	−0.18 [−0.34; −0.02]	2.1%	2.4%
VIS (902)	−0.098	0.05	−0.10 [−0.21; 0.01]	4.7%	5.2%
Common effect model			**−0.09 [−0.12; −0.07]**	**100.0%**	**––**
Random effects model			**−0.09 [−0.12; −0.07]**	**––**	**100.0%**

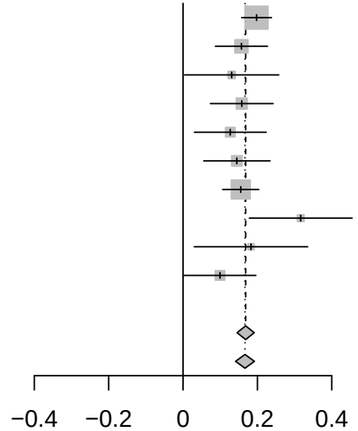


Heterogeneity: I^2 = 0%, τ^2 = 0.0001, p = 0.69

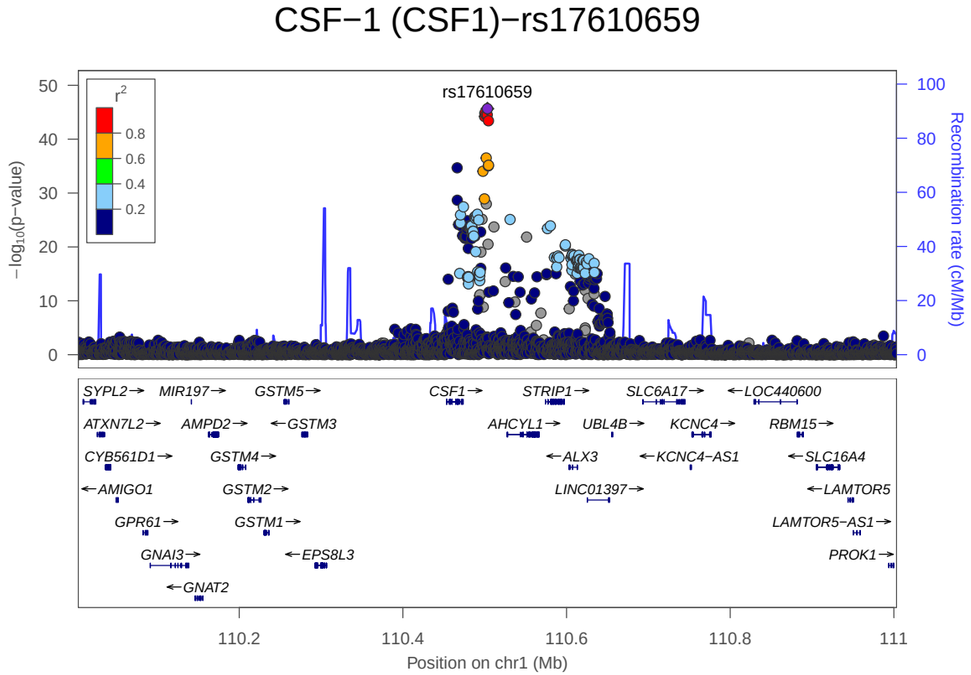


CSF−1 (CSF1) [chr1:110503296_C_T (rs17610659) (T/C) N=14286]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.198	0.02	0.20 [0.16; 0.24]	32.9%	28.5%
BioFinder (1496)	0.157	0.04	0.16 [0.09; 0.23]	10.8%	11.6%
EGCUT (487)	0.131	0.06	0.13 [0.00; 0.26]	3.3%	3.9%
KORA (1064)	0.158	0.04	0.16 [0.07; 0.24]	7.5%	8.3%
NSPHS (866)	0.127	0.05	0.13 [0.03; 0.22]	5.7%	6.5%
ORCADES (981)	0.145	0.05	0.14 [0.06; 0.23]	6.7%	7.5%
STABILITY (2951)	0.155	0.02	0.16 [0.11; 0.20]	22.4%	21.4%
STANLEY (344)	0.317	0.07	0.32 [0.18; 0.45]	2.8%	3.3%
STANLEY (300)	0.183	0.08	0.18 [0.03; 0.34]	2.3%	2.7%
VIS (901)	0.099	0.05	0.10 [0.00; 0.20]	5.7%	6.5%
Common effect model			**0.17 [0.15; 0.19]**	**100.0%**	**––**
Random effects model			**0.17 [0.14; 0.19]**	**––**	**100.0%**

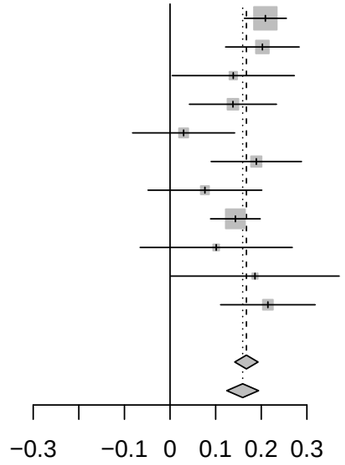


Heterogeneity: I^2 = 12%, τ^2 = 0.0002, p = 0.34

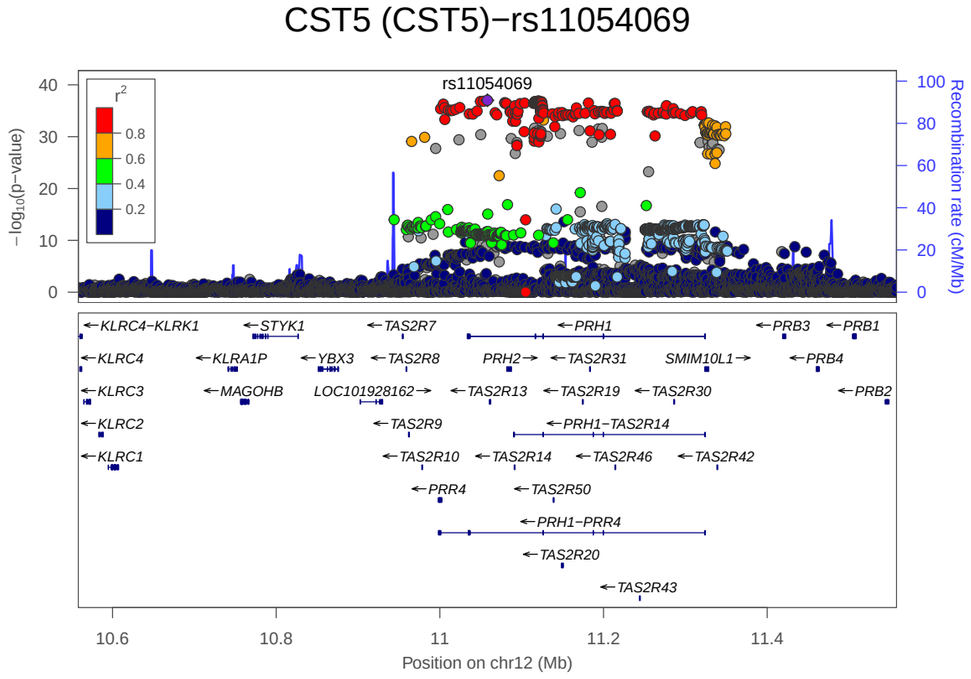


CST5 (CST5) [chr12:11058117_C_T (rs11054069) (T/C) N=14724]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.209	0.02	0.21 [0.16; 0.26]	30.8%	19.5%
BioFinder (1496)	0.202	0.04	0.20 [0.12; 0.28]	10.0%	11.4%
EGCUT (487)	0.139	0.07	0.14 [0.00; 0.27]	3.6%	5.5%
KORA (1064)	0.138	0.05	0.14 [0.04; 0.23]	7.2%	9.2%
NSPHS (866)	0.030	0.06	0.03 [−0.08; 0.14]	5.2%	7.3%
ORCADES (982)	0.189	0.05	0.19 [0.09; 0.29]	6.7%	8.7%
RECOMBINE (436)	0.076	0.06	0.08 [−0.05; 0.20]	4.2%	6.2%
STABILITY (2951)	0.143	0.03	0.14 [0.09; 0.20]	22.0%	17.1%
STANLEY (344)	0.101	0.09	0.10 [−0.07; 0.27]	2.3%	3.8%
STANLEY (300)	0.186	0.09	0.19 [0.00; 0.37]	1.9%	3.2%
VIS (902)	0.215	0.05	0.21 [0.11; 0.32]	6.1%	8.2%
Common effect model			**0.17 [0.14; 0.19]**	**100.0%**	––
Random effects model			**0.16 [0.12; 0.19]**	––	**100.0%**

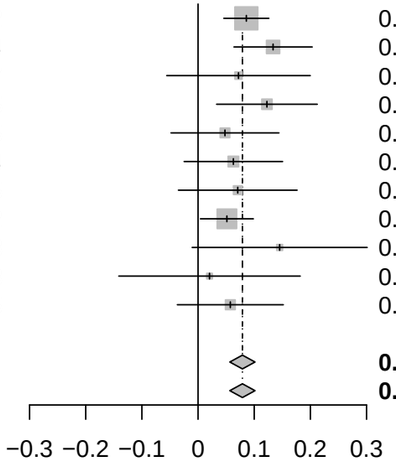


Heterogeneity: I^2 = 32%, τ^2 = 0.0011, p = 0.15

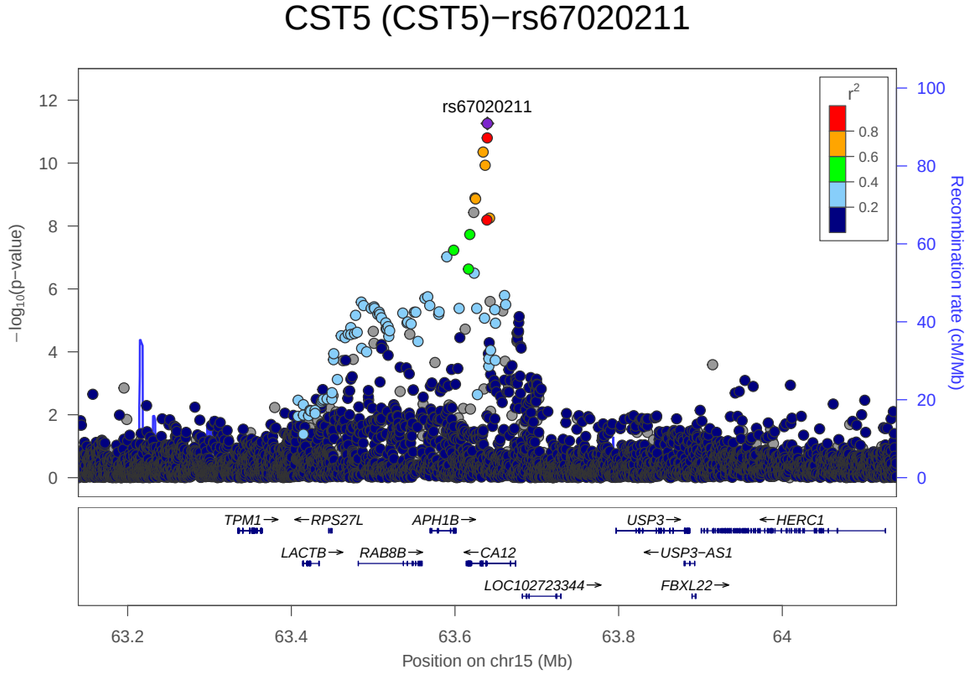


CST5 (CST5) [chr15:63639644_G_T (rs67020211) (T/G) N=14734]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.086	0.02	0.09 [0.05; 0.13]	31.3%	31.3%
BioFinder (1496)	0.134	0.04	0.13 [0.06; 0.20]	10.4%	10.4%
EGCUT (487)	0.072	0.07	0.07 [−0.06; 0.20]	3.1%	3.1%
KORA (1064)	0.123	0.05	0.12 [0.03; 0.21]	6.3%	6.3%
NSPHS (866)	0.048	0.05	0.05 [−0.05; 0.14]	5.5%	5.5%
ORCADES (982)	0.063	0.04	0.06 [−0.02; 0.15]	6.6%	6.6%
RECOMBINE (446)	0.071	0.05	0.07 [−0.04; 0.18]	4.5%	4.5%
STABILITY (2951)	0.051	0.02	0.05 [0.00; 0.10]	22.7%	22.7%
STANLEY (344)	0.145	0.08	0.15 [−0.01; 0.30]	2.1%	2.1%
STANLEY (300)	0.020	0.08	0.02 [−0.14; 0.18]	1.9%	1.9%
VIS (902)	0.057	0.05	0.06 [−0.04; 0.15]	5.7%	5.7%
Common effect model			**0.08 [0.06; 0.10]**	**100.0%**	––
Random effects model			**0.08 [0.06; 0.10]**	––	**100.0%**

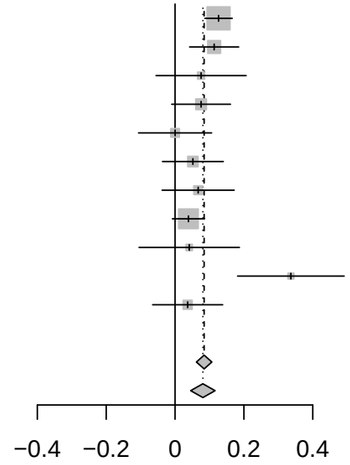


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.76

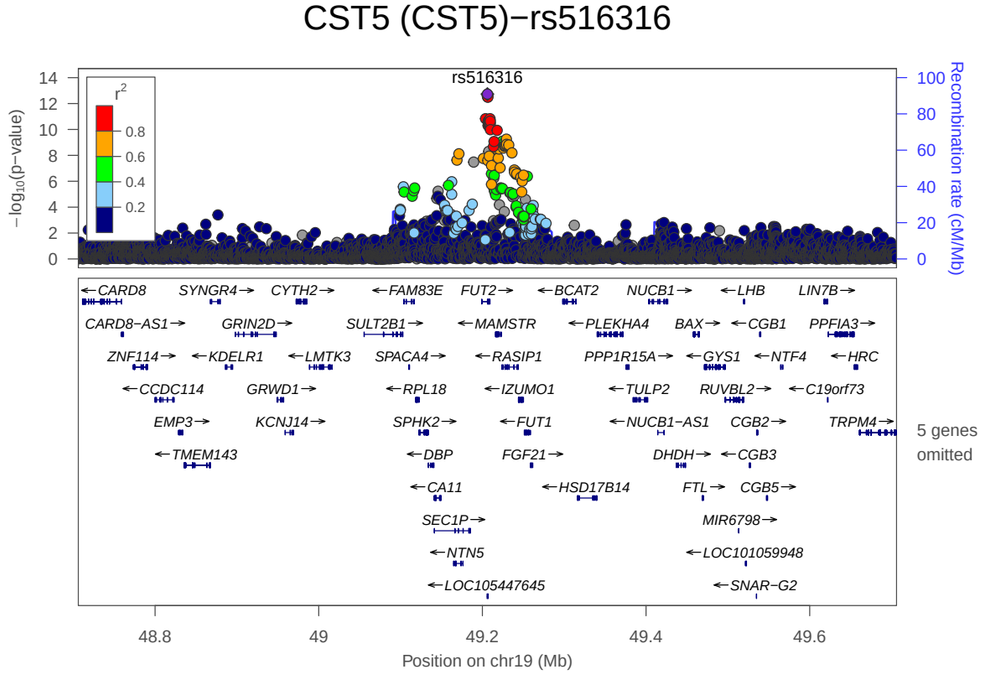


CST5 (CST5) [chr19:49206145_C_G (rs516316) (C/G) N=14734]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.126	0.02	0.13 [0.09; 0.17]	31.9%	16.9%
BioFinder (1496)	0.114	0.04	0.11 [0.04; 0.18]	9.9%	11.5%
EGCUT (487)	0.076	0.07	0.08 [−0.06; 0.21]	3.0%	5.5%
KORA (1064)	0.076	0.04	0.08 [−0.01; 0.16]	6.9%	9.6%
NSPHS (866)	0.000	0.05	0.00 [−0.11; 0.11]	4.5%	7.4%
ORCADES (982)	0.052	0.05	0.05 [−0.04; 0.14]	6.5%	9.2%
RECOMBINE (446)	0.067	0.05	0.07 [−0.04; 0.17]	4.6%	7.5%
STABILITY (2951)	0.039	0.02	0.04 [−0.01; 0.09]	23.3%	15.7%
STANLEY (344)	0.041	0.07	0.04 [−0.10; 0.19]	2.4%	4.7%
STANLEY (300)	0.336	0.08	0.34 [0.18; 0.49]	2.1%	4.2%
VIS (902)	0.037	0.05	0.04 [−0.07; 0.14]	4.9%	7.8%
Common effect model			**0.08 [0.06; 0.11]**	**100.0%**	**––**
Random effects model			**0.08 [0.05; 0.12]**	**––**	**100.0%**

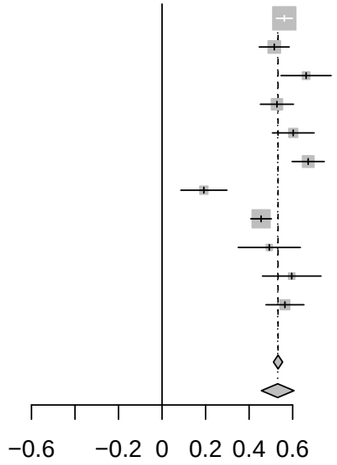


Heterogeneity: I^2 = 57%, τ^2 = 0.0015, p = 0.01

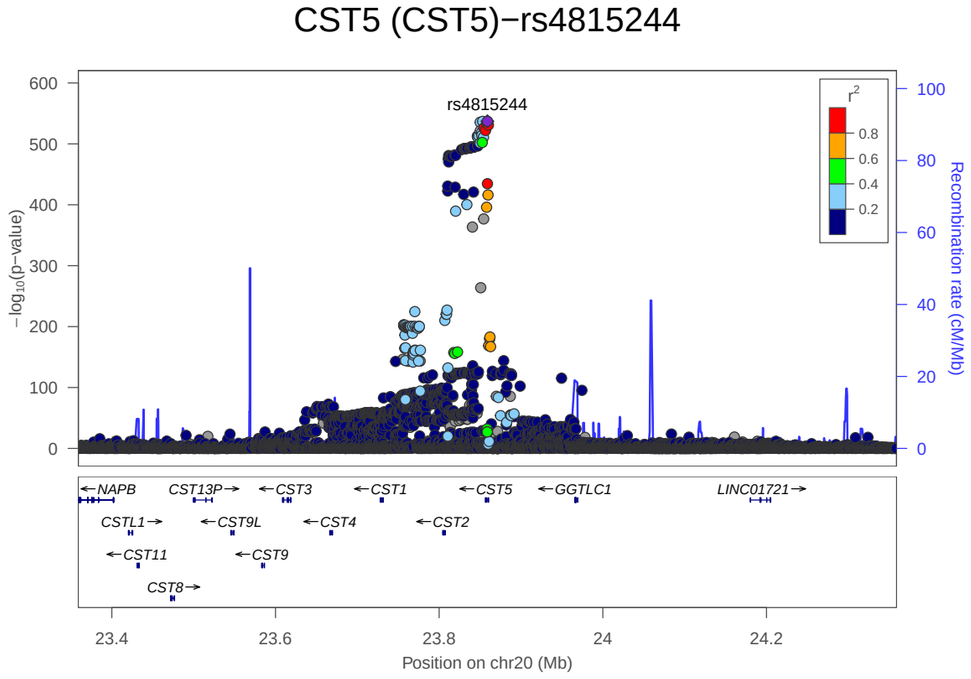


CST5 (CST5) [chr20:23858984_G_T (rs4815244) (T/G) N=14718]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.562	0.02	0.56 [0.52; 0.60]	32.7%	10.3%
BioFinder (1496)	0.516	0.04	0.52 [0.45; 0.58]	9.3%	9.7%
EGCUT (487)	0.662	0.06	0.66 [0.55; 0.78]	3.3%	8.4%
KORA (1064)	0.528	0.04	0.53 [0.45; 0.60]	7.6%	9.5%
NSPHS (866)	0.603	0.05	0.60 [0.51; 0.70]	4.8%	9.0%
ORCADES (982)	0.672	0.04	0.67 [0.60; 0.75]	8.1%	9.6%
RECOMBINE (430)	0.192	0.05	0.19 [0.09; 0.30]	3.9%	8.7%
STABILITY (2951)	0.455	0.02	0.46 [0.41; 0.50]	19.7%	10.1%
STANLEY (344)	0.493	0.07	0.49 [0.35; 0.64]	2.2%	7.6%
STANLEY (300)	0.596	0.07	0.60 [0.46; 0.73]	2.4%	7.9%
VIS (902)	0.565	0.04	0.56 [0.48; 0.65]	5.8%	9.2%
Common effect model			**0.53 [0.51; 0.55]**	**100.0%**	**––**
Random effects model			**0.53 [0.46; 0.61]**	**––**	**100.0%**

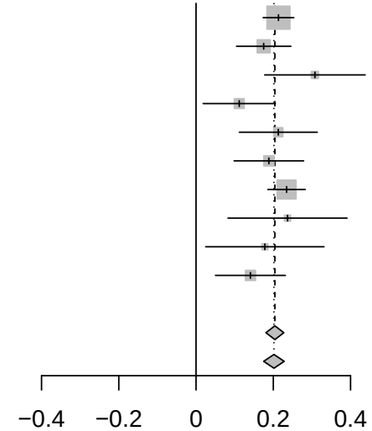


Heterogeneity: I^2 = 87%, τ^2 = 0.0139, p < 0.01

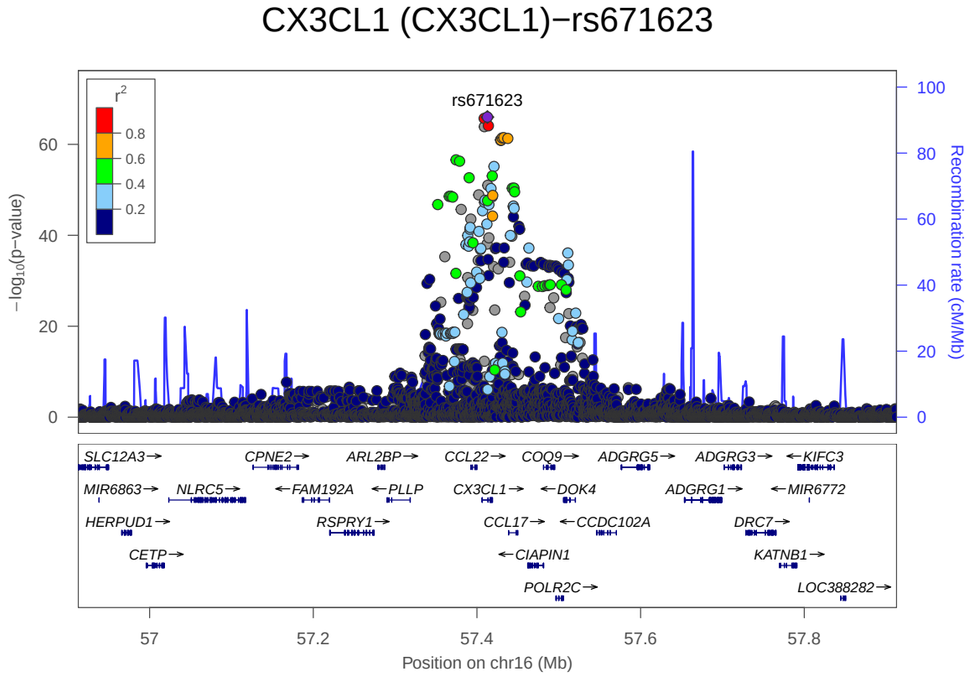


CX3CL1 (CX3CL1) [chr16:57412802_C_G (rs671623) (C/G) N=14295]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.213	0.02	0.21 [0.17; 0.25]	34.0%	27.8%
BioFinder (1496)	0.175	0.04	0.18 [0.10; 0.25]	10.8%	12.0%
EGCUT (487)	0.308	0.07	0.31 [0.18; 0.44]	3.2%	4.0%
KORA (1064)	0.112	0.05	0.11 [0.02; 0.21]	6.1%	7.3%
NSPHS (874)	0.213	0.05	0.21 [0.11; 0.31]	5.3%	6.4%
ORCADES (982)	0.188	0.05	0.19 [0.10; 0.28]	6.6%	7.8%
STABILITY (2951)	0.234	0.02	0.23 [0.19; 0.28]	22.9%	21.4%
STANLEY (344)	0.237	0.08	0.24 [0.08; 0.39]	2.3%	2.9%
STANLEY (300)	0.178	0.08	0.18 [0.02; 0.33]	2.3%	2.9%
VIS (901)	0.141	0.05	0.14 [0.05; 0.23]	6.5%	7.7%
Common effect model			**0.20 [0.18; 0.23]**	**100.0%**	**––**
Random effects model			**0.20 [0.17; 0.23]**	**––**	**100.0%**

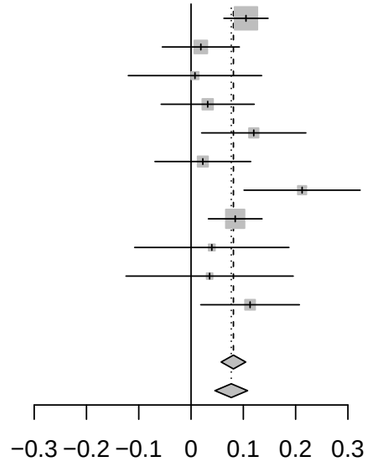


Heterogeneity: I^2 = 17%, τ^2 = 0.0003, p = 0.29

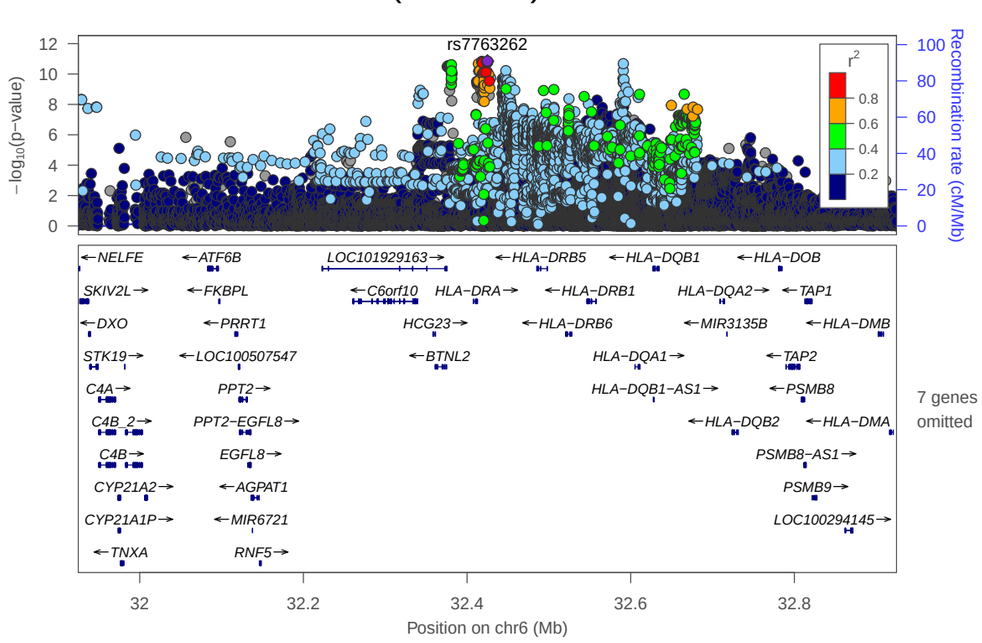


CX3CL1 (CX3CL1) [chr6:32424882_C_T (rs7763262) (T/C) N=14743]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.105	0.02	0.11 [0.06; 0.15]	31.0%	20.0%
BioFinder (1496)	0.019	0.04	0.02 [−0.06; 0.09]	10.2%	11.4%
EGCUT (487)	0.007	0.07	0.01 [−0.12; 0.14]	3.4%	5.0%
KORA (1064)	0.032	0.05	0.03 [−0.06; 0.12]	7.0%	8.8%
NSPHS (874)	0.120	0.05	0.12 [0.02; 0.22]	5.6%	7.5%
ORCADES (982)	0.023	0.05	0.02 [−0.07; 0.11]	6.6%	8.5%
RECOMBINE (448)	0.212	0.06	0.21 [0.10; 0.32]	4.5%	6.3%
STABILITY (2951)	0.084	0.03	0.08 [0.03; 0.14]	20.9%	17.0%
STANLEY (344)	0.040	0.08	0.04 [−0.11; 0.19]	2.5%	3.9%
STANLEY (300)	0.035	0.08	0.04 [−0.12; 0.20]	2.2%	3.4%
VIS (901)	0.113	0.05	0.11 [0.02; 0.21]	6.2%	8.1%
Common effect model			**0.08 [0.06; 0.10]**	**100.0%**	**––**
Random effects model			**0.08 [0.05; 0.11]**	**––**	**100.0%**

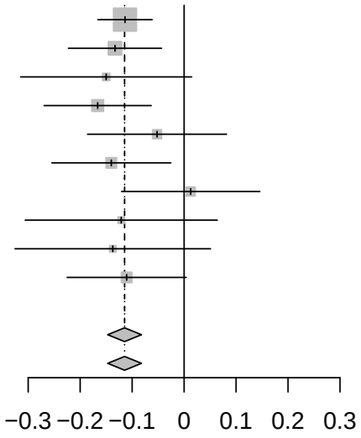


Heterogeneity: I^2 = 33%, τ^2 = 0.0008, p = 0.13



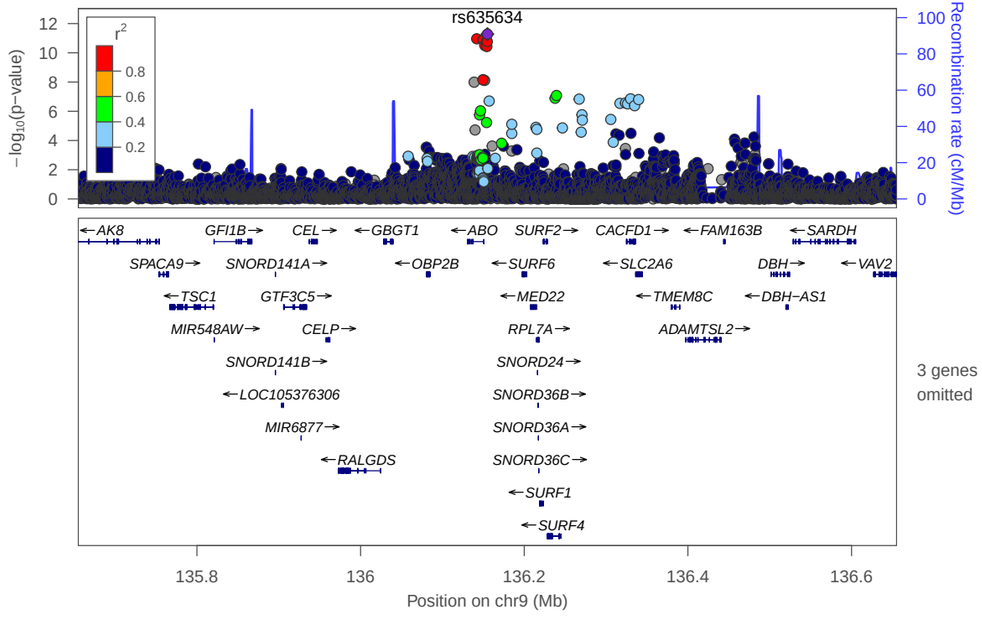
CX3CL1 (CX3CL1) [chr9:136155000_C_T (rs635634) (T/C) N=11792]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.114	0.03	−0.11 [−0.17; −0.06]	38.8%	38.8%
BioFinder (1496)	−0.133	0.05	−0.13 [−0.22; −0.04]	13.2%	13.2%
EGCUT (487)	−0.150	0.08	−0.15 [−0.31; 0.01]	3.9%	3.9%
KORA (1064)	−0.166	0.05	−0.17 [−0.27; −0.06]	10.0%	10.0%
NSPHS (874)	−0.052	0.07	−0.05 [−0.19; 0.08]	5.9%	5.9%
ORCADES (982)	−0.140	0.06	−0.14 [−0.25; −0.03]	8.1%	8.1%
RECOMBINE (448)	0.013	0.07	0.01 [−0.12; 0.15]	6.0%	6.0%
STANLEY (344)	−0.121	0.09	−0.12 [−0.31; 0.06]	3.1%	3.1%
STANLEY (300)	−0.137	0.10	−0.14 [−0.33; 0.05]	3.0%	3.0%
VIS (901)	−0.111	0.06	−0.11 [−0.23; 0.00]	8.1%	8.1%
Common effect model			**−0.11 [−0.15; −0.08]**	**100.0%**	**––**
Random effects model			**−0.11 [−0.15; −0.08]**	**––**	**100.0%**



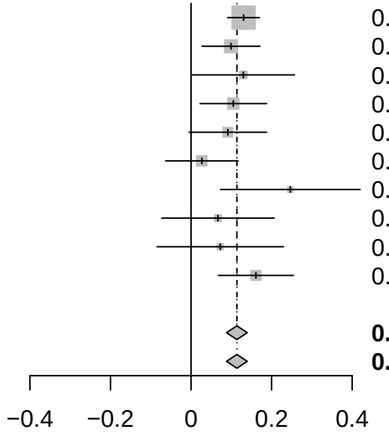
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.75

CX3CL1 (CX3CL1)−rs635634

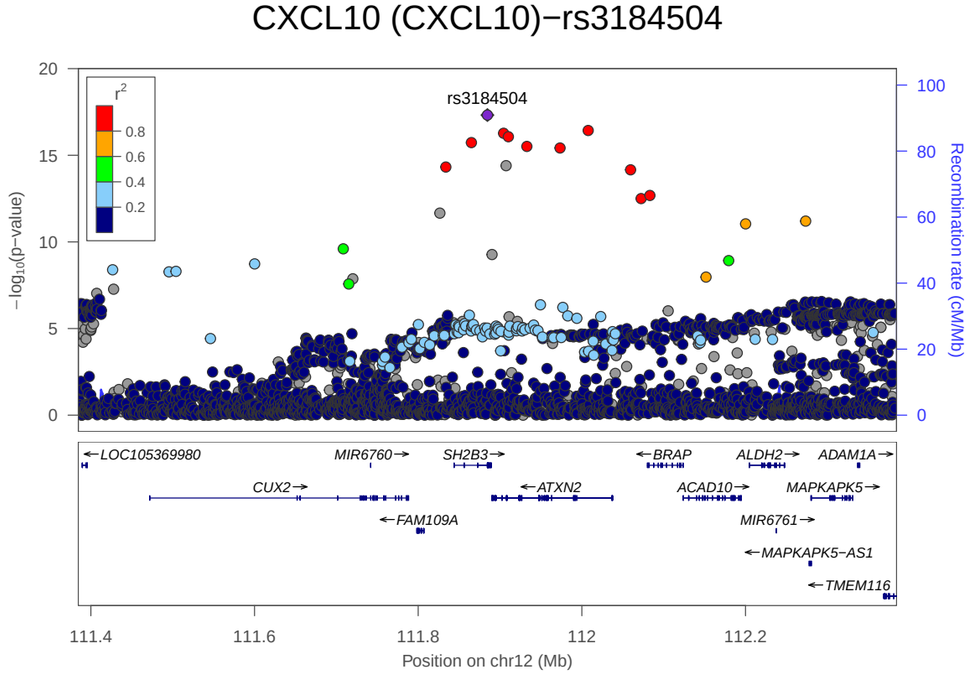


CXCL10 (CXCL10) [chr12:111884608_C_T (rs3184504) (T/C) N=11793]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.130	0.02	0.13 [0.09; 0.17]	42.1%	42.1%
BioFinder (1496)	0.099	0.04	0.10 [0.03; 0.17]	12.8%	12.8%
EGCUT (487)	0.130	0.06	0.13 [0.00; 0.26]	4.1%	4.1%
KORA (1064)	0.105	0.04	0.10 [0.02; 0.19]	9.7%	9.7%
NSPHS (874)	0.091	0.05	0.09 [−0.01; 0.19]	7.1%	7.1%
ORCADES (982)	0.027	0.05	0.03 [−0.06; 0.12]	8.2%	8.2%
RECOMBINE (448)	0.246	0.09	0.25 [0.07; 0.42]	2.2%	2.2%
STANLEY (344)	0.067	0.07	0.07 [−0.07; 0.21]	3.4%	3.4%
STANLEY (300)	0.072	0.08	0.07 [−0.08; 0.23]	2.7%	2.7%
VIS (902)	0.161	0.05	0.16 [0.07; 0.25]	7.7%	7.7%
Common effect model			**0.11 [0.09; 0.14]**	**100.0%**	**––**
Random effects model			**0.11 [0.09; 0.14]**	**––**	**100.0%**

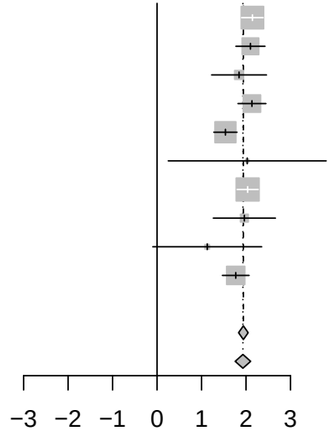


Heterogeneity: I^2 = 0%, τ^2 < 0.0001, p = 0.47



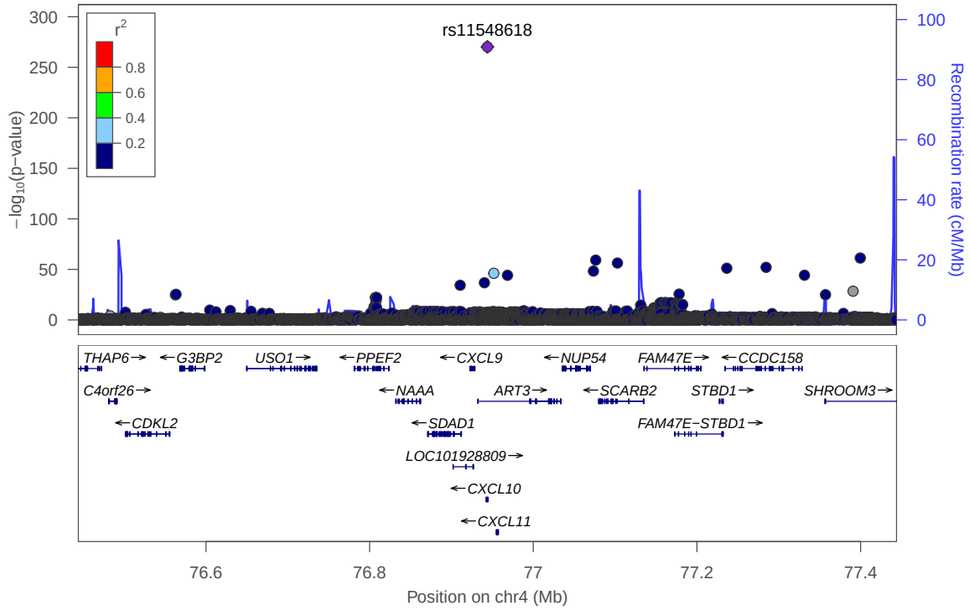
CXCL10 (CXCL10) [chr4:76943947_A_G (rs11548618) (A/G) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	2.144	0.12	2.14 [1.90; 2.39]	19.8%	15.8%
BioFinder (1496)	2.100	0.17	2.10 [1.77; 2.43]	10.9%	12.7%
EGCUT (487)	1.843	0.31	1.84 [1.23; 2.46]	3.1%	5.9%
KORA (1064)	2.133	0.16	2.13 [1.82; 2.45]	11.8%	13.1%
NSPHS (874)	1.537	0.13	1.54 [1.28; 1.80]	17.2%	15.1%
ORCADES (982)	2.027	0.91	2.03 [0.25; 3.80]	0.4%	0.9%
STABILITY (2951)	2.036	0.12	2.04 [1.80; 2.27]	20.7%	16.0%
STANLEY (344)	1.963	0.36	1.96 [1.26; 2.66]	2.4%	4.9%
STANLEY (300)	1.129	0.62	1.13 [−0.10; 2.35]	0.8%	1.9%
VIS (902)	1.769	0.15	1.77 [1.47; 2.07]	13.0%	13.6%
Common effect model			**1.94 [1.83; 2.05]**	**100.0%**	**––**
Random effects model			**1.93 [1.76; 2.10]**	**––**	**100.0%**



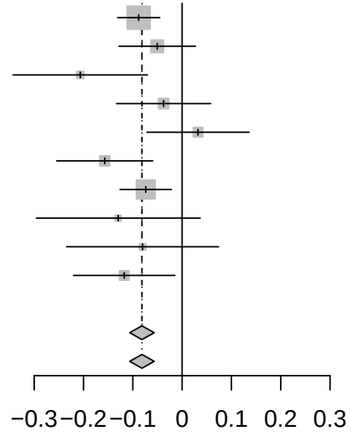
Heterogeneity: I^2 = 50%, τ^2 = 0.0346, p = 0.04

CXCL10 (CXCL10)−rs11548618

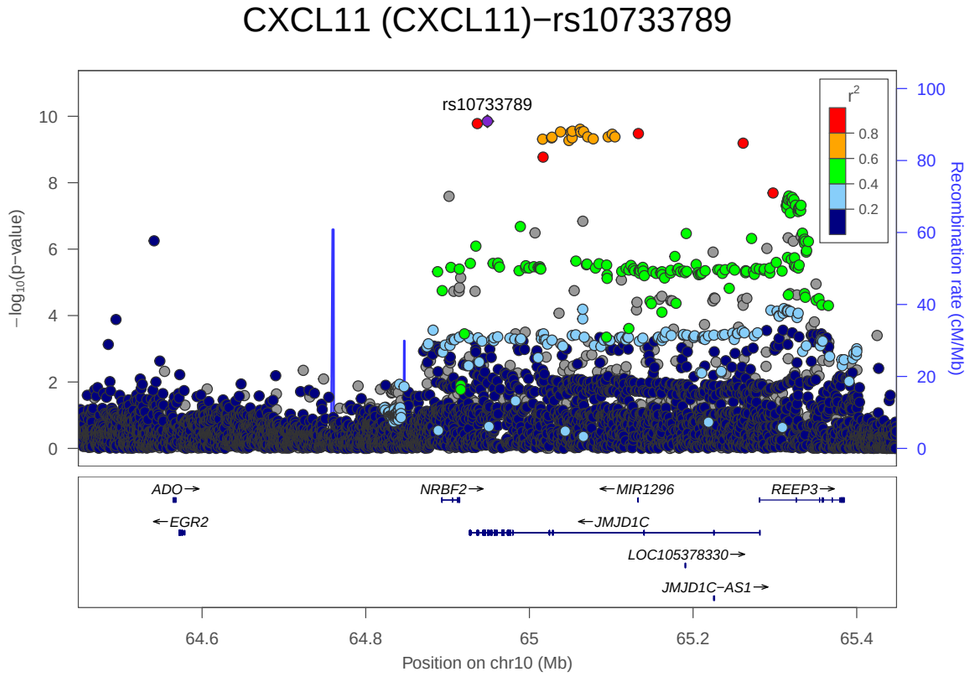


CXCL11 (CXCL11) [chr10:64948684_C_T (rs10733789) (T/C) N=14288]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.088	0.02	−0.09 [−0.13; −0.05]	33.9%	33.8%
BioFinder (1496)	−0.051	0.04	−0.05 [−0.13; 0.03]	10.2%	10.2%
EGCUT (487)	−0.207	0.07	−0.21 [−0.34; −0.07]	3.3%	3.3%
KORA (1064)	−0.038	0.05	−0.04 [−0.13; 0.06]	6.8%	6.8%
NSPHS (866)	0.032	0.05	0.03 [−0.07; 0.14]	5.8%	5.8%
ORCADES (982)	−0.157	0.05	−0.16 [−0.25; −0.06]	6.5%	6.5%
STABILITY (2951)	−0.074	0.03	−0.07 [−0.13; −0.02]	22.7%	22.7%
STANLEY (344)	−0.130	0.08	−0.13 [−0.30; 0.04]	2.2%	2.2%
STANLEY (300)	−0.080	0.08	−0.08 [−0.23; 0.07]	2.6%	2.6%
VIS (902)	−0.117	0.05	−0.12 [−0.22; −0.01]	5.9%	5.9%
Common effect model			**−0.08 [−0.11; −0.06]**	**100.0%**	**––**
Random effects model			**−0.08 [−0.11; −0.06]**	**––**	**100.0%**

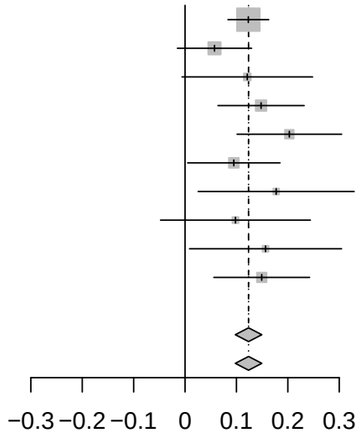


Heterogeneity: I^2 = 28%, τ^2 < 0.0001, p = 0.18



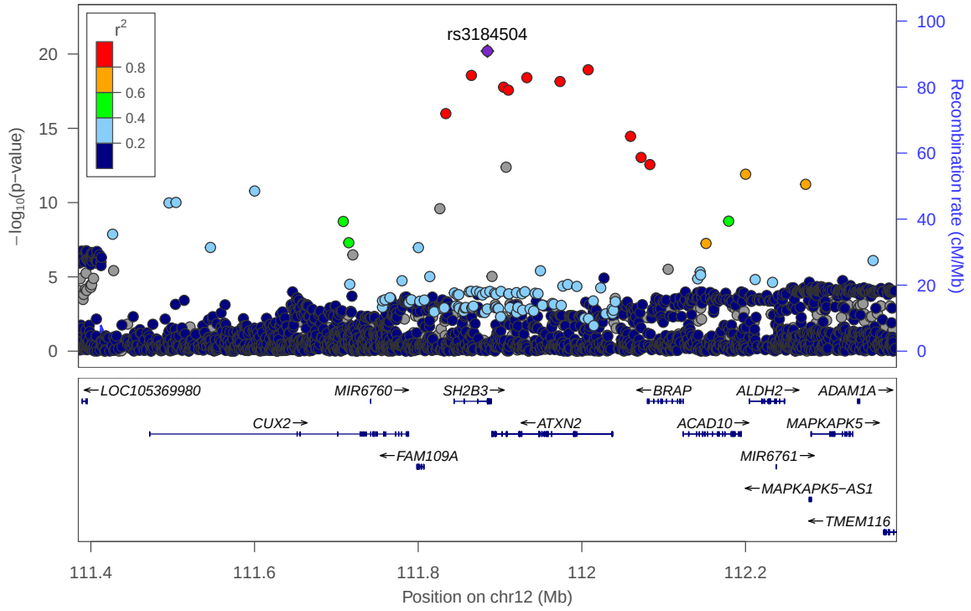
CXCL11 (CXCL11) [chr12:111884608_C_T (rs3184504) (T/C) N=11785]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.123	0.02	0.12 [0.08; 0.16]	42.3%	42.3%
BioFinder (1496)	0.057	0.04	0.06 [−0.01; 0.13]	12.8%	12.8%
EGCUT (487)	0.121	0.06	0.12 [−0.01; 0.25]	4.1%	4.1%
KORA (1064)	0.148	0.04	0.15 [0.06; 0.23]	9.5%	9.5%
NSPHS (866)	0.203	0.05	0.20 [0.10; 0.30]	6.4%	6.4%
ORCADES (982)	0.095	0.05	0.09 [0.00; 0.18]	8.2%	8.2%
RECOMBINE (448)	0.177	0.08	0.18 [0.03; 0.33]	2.9%	2.9%
STANLEY (344)	0.098	0.07	0.10 [−0.05; 0.24]	3.1%	3.1%
STANLEY (300)	0.157	0.08	0.16 [0.01; 0.30]	3.0%	3.0%
VIS (902)	0.149	0.05	0.15 [0.06; 0.24]	7.7%	7.7%
Common effect model			**0.12 [0.10; 0.15]**	**100.0%**	**––**
Random effects model			**0.12 [0.10; 0.15]**	**––**	**100.0%**



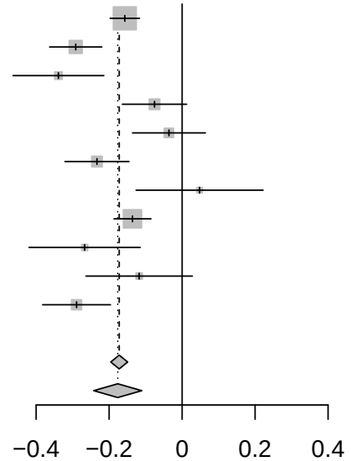
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.60

CXCL11 (CXCL11)−rs3184504

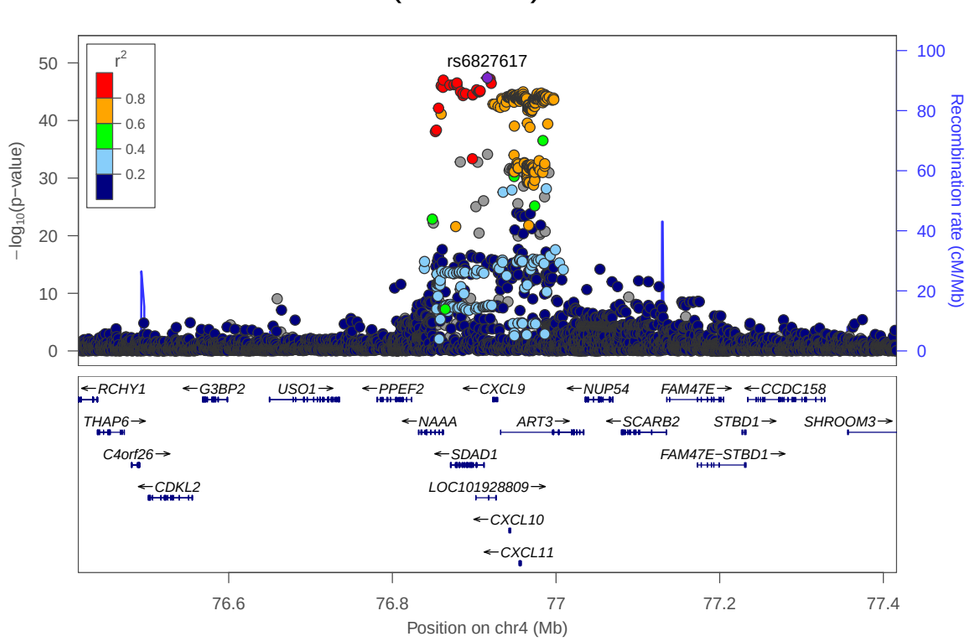


CXCL11 (CXCL11) [chr4:76916146_A_G (rs6827617) (A/G) N=14718]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.157	0.02	−0.16 [−0.20; −0.12]	33.1%	11.2%
BioFinder (1496)	−0.292	0.04	−0.29 [−0.36; −0.22]	10.5%	10.3%
EGCUT (487)	−0.339	0.06	−0.34 [−0.46; −0.21]	3.5%	8.3%
KORA (1064)	−0.076	0.04	−0.08 [−0.16; 0.01]	6.9%	9.7%
NSPHS (866)	−0.036	0.05	−0.04 [−0.14; 0.06]	5.4%	9.2%
ORCADES (982)	−0.233	0.04	−0.23 [−0.32; −0.15]	7.0%	9.7%
RECOMBINE (430)	0.048	0.09	0.05 [−0.13; 0.22]	1.8%	6.4%
STABILITY (2951)	−0.136	0.03	−0.14 [−0.19; −0.09]	20.8%	11.0%
STANLEY (344)	−0.267	0.08	−0.27 [−0.42; −0.11]	2.3%	7.2%
STANLEY (300)	−0.118	0.07	−0.12 [−0.26; 0.03]	2.5%	7.4%
VIS (902)	−0.289	0.05	−0.29 [−0.38; −0.20]	6.2%	9.5%
Common effect model			**−0.17 [−0.20; −0.15]**	**100.0%**	**––**
Random effects model			**−0.18 [−0.24; −0.11]**	**––**	**100.0%**

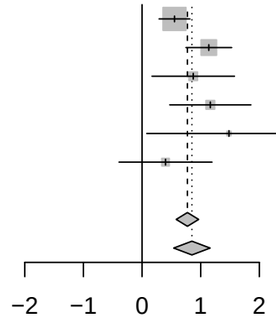


Heterogeneity: I^2 = 79%, τ^2 = 0.0096, p < 0.01

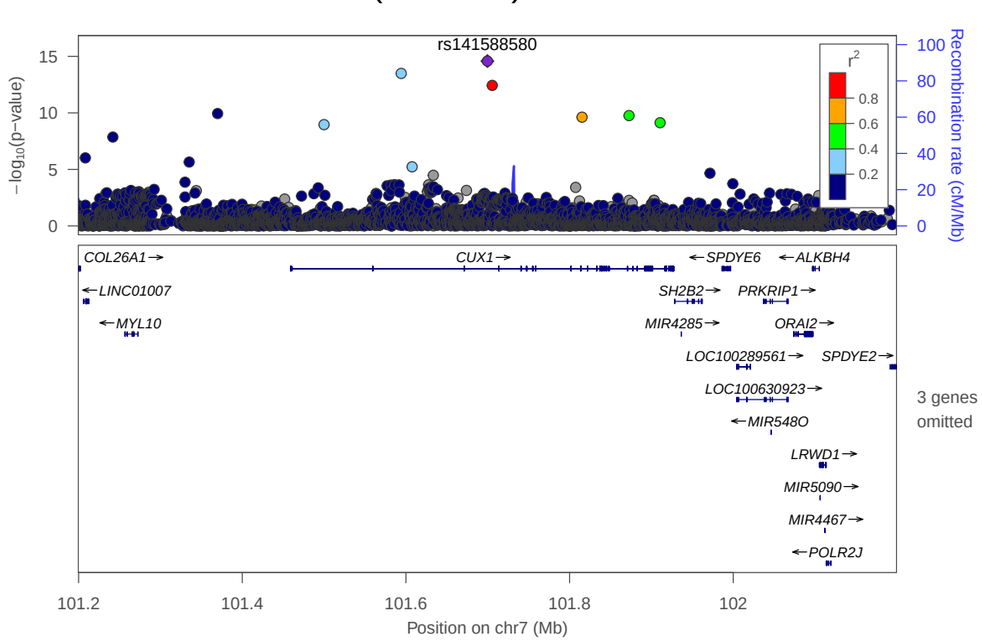


CXCL11 (CXCL11) [chr7:101699589_G_T (rs141588580) (T/G) N=9082]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.553	0.13	0.55 [0.29; 0.82]	53.0%	32.2%
BioFinder (1496)	1.139	0.20	1.14 [0.75; 1.53]	24.1%	25.2%
KORA (1064)	0.873	0.36	0.87 [0.17; 1.58]	7.4%	13.3%
ORCADES (982)	1.164	0.35	1.16 [0.47; 1.86]	7.7%	13.6%
STANLEY (344)	1.482	0.72	1.48 [0.08; 2.88]	1.9%	4.4%
STANLEY (300)	0.400	0.40	0.40 [−0.39; 1.19]	5.8%	11.2%
Common effect model			**0.77 [0.58; 0.97]**	**100.0%**	**––**
Random effects model			**0.85 [0.54; 1.16]**	**––**	**100.0%**

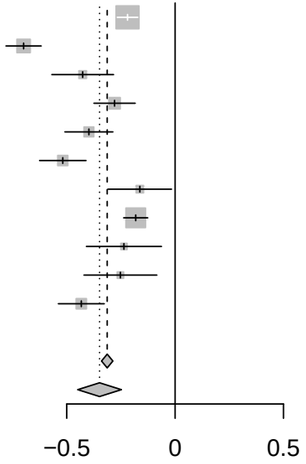


Heterogeneity: I^2 = 46%, τ^2 = 0.0598, p = 0.10

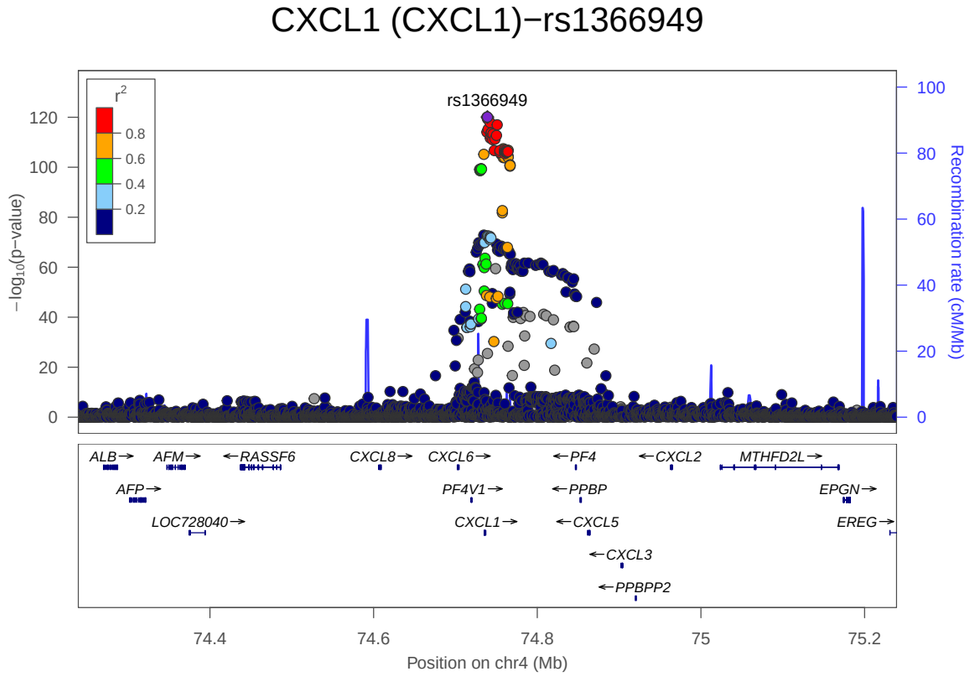


CXCL1 (CXCL1) [chr4:74739076_G_T (rs1366949) (T/G) N=14731]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.220	0.02	−0.22 [−0.27; −0.17]	30.5%	10.1%
BioFinder (1496)	−0.699	0.04	−0.70 [−0.78; −0.62]	10.4%	9.7%
EGCUT (487)	−0.426	0.07	−0.43 [−0.57; −0.28]	3.4%	8.6%
KORA (1064)	−0.279	0.05	−0.28 [−0.37; −0.18]	7.6%	9.5%
NSPHS (866)	−0.398	0.06	−0.40 [−0.51; −0.29]	5.6%	9.2%
ORCADES (982)	−0.518	0.05	−0.52 [−0.63; −0.41]	6.0%	9.3%
RECOMBINE (443)	−0.163	0.07	−0.16 [−0.31; −0.02]	3.2%	8.5%
STABILITY (2951)	−0.182	0.03	−0.18 [−0.24; −0.13]	22.3%	10.0%
STANLEY (344)	−0.236	0.09	−0.24 [−0.41; −0.06]	2.3%	7.9%
STANLEY (300)	−0.252	0.09	−0.25 [−0.42; −0.08]	2.4%	8.0%
VIS (902)	−0.433	0.05	−0.43 [−0.54; −0.33]	6.2%	9.3%
Common effect model			**−0.31 [−0.34; −0.29]**	**100.0%**	**––**
Random effects model			**−0.35 [−0.45; −0.25]**	**––**	**100.0%**

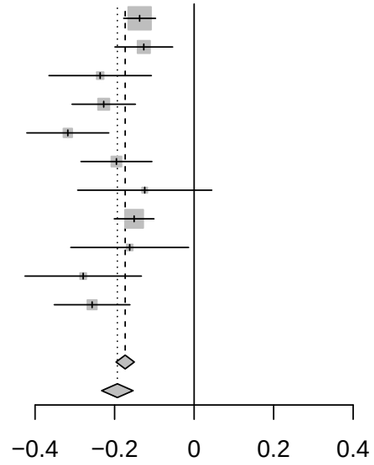


Heterogeneity: I^2 = 93%, τ^2 = 0.0256, p < 0.01

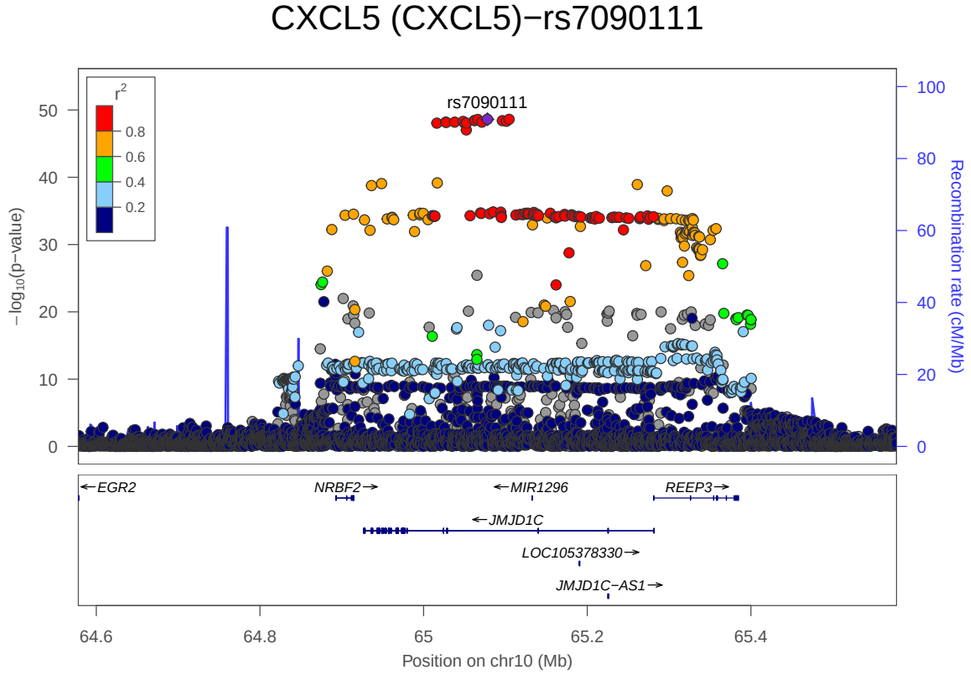


CXCL5 (CXCL5) [chr10:65077994_C_G (rs7090111) (C/G) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.137	0.02	−0.14 [−0.18; −0.10]	33.0%	15.7%
BioFinder (1496)	−0.127	0.04	−0.13 [−0.20; −0.05]	10.0%	11.5%
EGCUT (487)	−0.236	0.07	−0.24 [−0.37; −0.11]	3.2%	6.3%
KORA (1064)	−0.227	0.04	−0.23 [−0.31; −0.15]	8.3%	10.6%
NSPHS (866)	−0.318	0.05	−0.32 [−0.42; −0.21]	5.0%	8.2%
ORCADES (982)	−0.195	0.05	−0.20 [−0.28; −0.11]	6.7%	9.6%
RECOMBINE (448)	−0.124	0.09	−0.12 [−0.29; 0.04]	1.9%	4.2%
STABILITY (2951)	−0.151	0.03	−0.15 [−0.20; −0.10]	21.2%	14.4%
STANLEY (344)	−0.162	0.08	−0.16 [−0.31; −0.01]	2.4%	5.2%
STANLEY (300)	−0.279	0.07	−0.28 [−0.43; −0.13]	2.5%	5.2%
VIS (902)	−0.257	0.05	−0.26 [−0.35; −0.16]	5.8%	9.0%
Common effect model			**−0.17 [−0.20; −0.15]**	**100.0%**	**––**
Random effects model			**−0.19 [−0.23; −0.15]**	**––**	**100.0%**

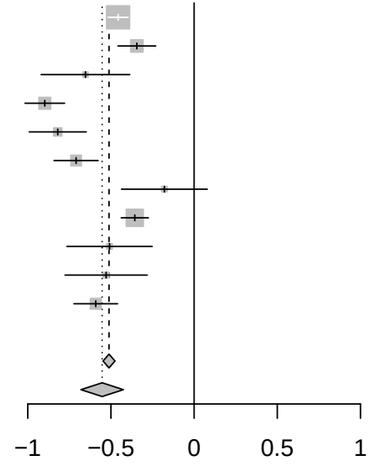


Heterogeneity: I^2 = 53%, τ^2 = 0.0022, p = 0.02

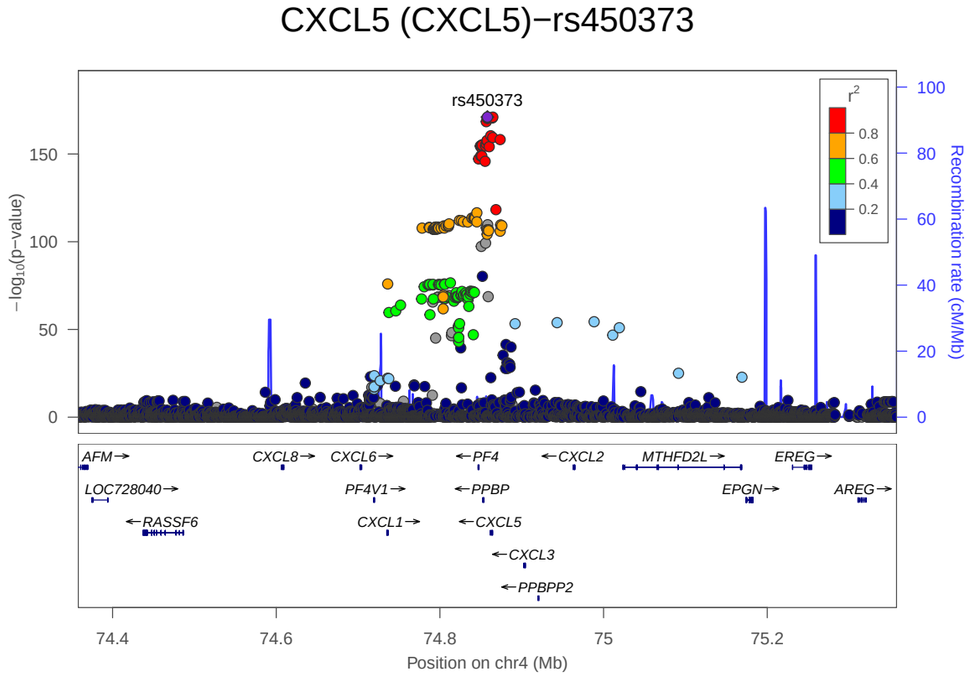


CXCL5 (CXCL5) [chr4:74858051_A_G (rs450373) (A/G) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.457	0.03	−0.46 [−0.52; −0.40]	34.9%	10.6%
BioFinder (1496)	−0.344	0.06	−0.34 [−0.46; −0.23]	10.0%	10.0%
EGCUT (487)	−0.653	0.14	−0.65 [−0.92; −0.39]	1.8%	7.4%
KORA (1064)	−0.898	0.06	−0.90 [−1.02; −0.78]	9.1%	10.0%
NSPHS (866)	−0.820	0.09	−0.82 [−0.99; −0.65]	4.4%	9.1%
ORCADES (982)	−0.709	0.07	−0.71 [−0.84; −0.58]	7.3%	9.8%
RECOMBINE (445)	−0.179	0.13	−0.18 [−0.44; 0.08]	1.9%	7.5%
STABILITY (2951)	−0.357	0.04	−0.36 [−0.44; −0.27]	19.2%	10.4%
STANLEY (344)	−0.508	0.13	−0.51 [−0.76; −0.25]	2.0%	7.6%
STANLEY (300)	−0.529	0.13	−0.53 [−0.78; −0.28]	2.1%	7.7%
VIS (902)	−0.591	0.07	−0.59 [−0.72; −0.46]	7.5%	9.8%
Common effect model			**−0.51 [−0.55; −0.48]**	**100.0%**	**––**
Random effects model			**−0.55 [−0.68; −0.43]**	**––**	**100.0%**

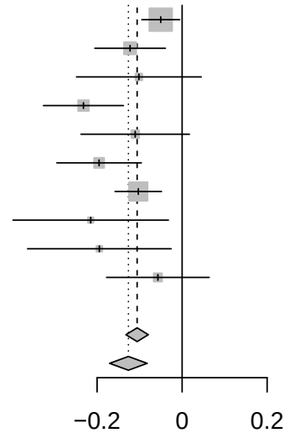


Heterogeneity: I^2 = 90%, τ^2 = 0.0389, p < 0.01

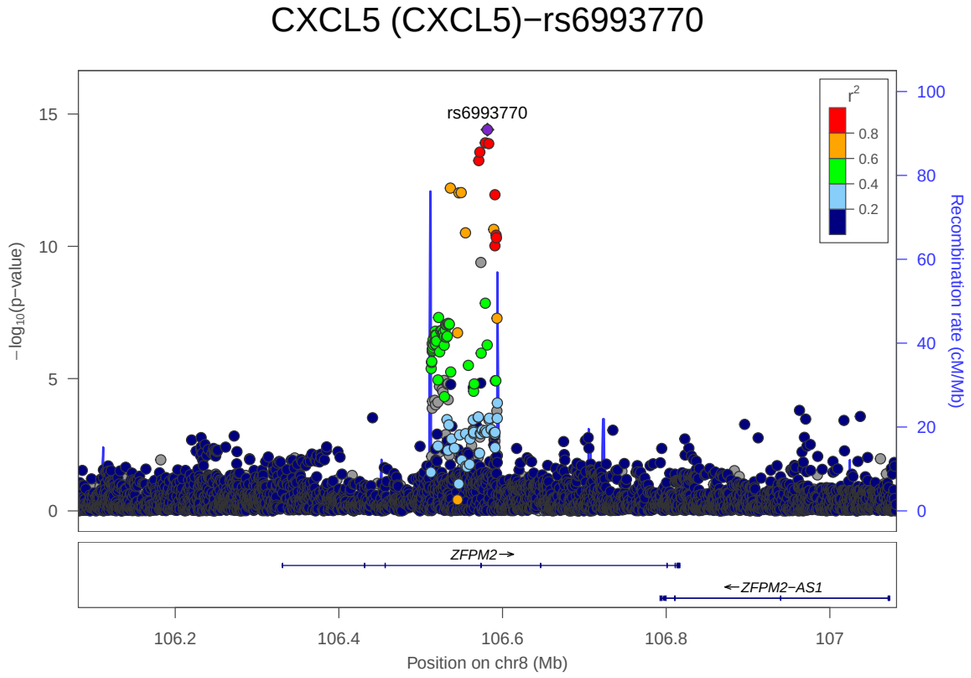


CXCL5 (CXCL5) [chr8:106581528_A_T (rs6993770) (A/T) N=14288]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.050	0.02	−0.05 [−0.09; −0.01]	35.0%	17.8%
BioFinder (1496)	−0.122	0.04	−0.12 [−0.21; −0.04]	10.1%	12.3%
EGCUT (487)	−0.102	0.07	−0.10 [−0.25; 0.05]	3.2%	6.4%
KORA (1064)	−0.232	0.05	−0.23 [−0.33; −0.14]	7.9%	11.0%
NSPHS (866)	−0.110	0.07	−0.11 [−0.24; 0.02]	4.3%	7.7%
ORCADES (982)	−0.195	0.05	−0.20 [−0.29; −0.10]	7.0%	10.4%
STABILITY (2951)	−0.103	0.03	−0.10 [−0.16; −0.05]	23.2%	16.3%
STANLEY (344)	−0.215	0.09	−0.21 [−0.40; −0.03]	2.1%	4.6%
STANLEY (300)	−0.195	0.09	−0.19 [−0.36; −0.03]	2.4%	5.2%
VIS (902)	−0.057	0.06	−0.06 [−0.18; 0.06]	4.8%	8.3%
Common effect model			**−0.11 [−0.13; −0.08]**	**100.0%**	**––**
Random effects model			**−0.13 [−0.17; −0.08]**	**––**	**100.0%**

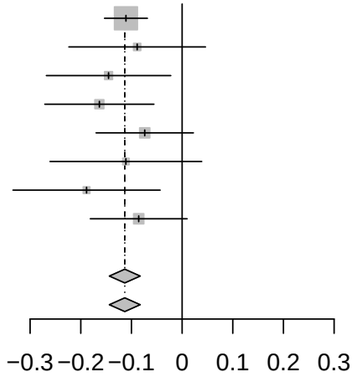


Heterogeneity: I^2 = 53%, τ^2 = 0.0023, p = 0.02



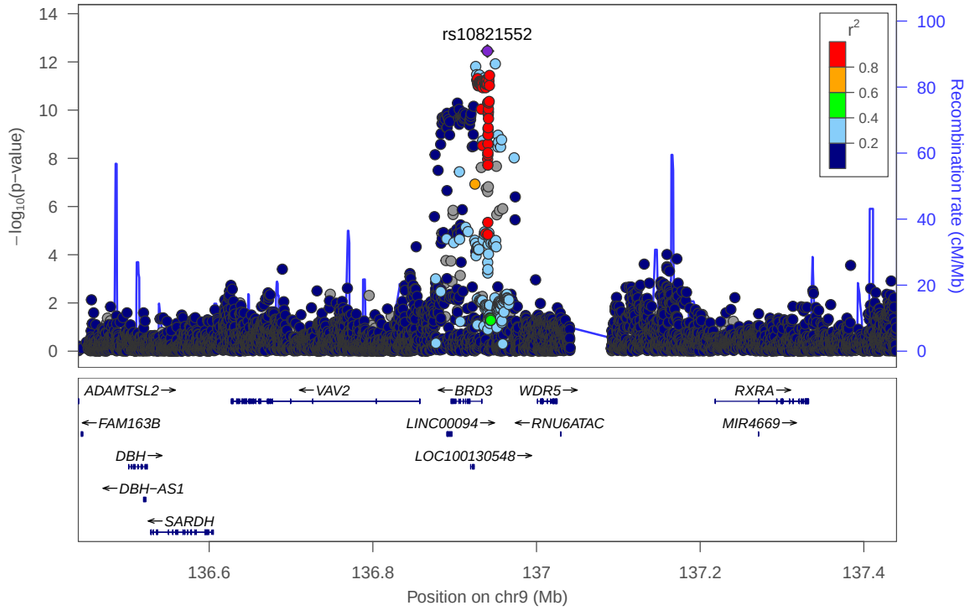
CXCL5 (CXCL5) [chr9:136939992_A_C (rs10821552) (A/C) N=9841]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.111	0.02	−0.11 [−0.15; −0.07]	51.9%	51.9%
EGCUT (487)	−0.089	0.07	−0.09 [−0.22; 0.05]	5.1%	5.1%
KORA (1064)	−0.145	0.06	−0.15 [−0.27; −0.02]	6.2%	6.2%
NSPHS (866)	−0.163	0.05	−0.16 [−0.27; −0.06]	8.0%	8.0%
ORCADES (982)	−0.074	0.05	−0.07 [−0.17; 0.02]	10.1%	10.1%
STANLEY (344)	−0.111	0.08	−0.11 [−0.26; 0.04]	4.1%	4.1%
STANLEY (300)	−0.189	0.07	−0.19 [−0.33; −0.04]	4.4%	4.4%
VIS (902)	−0.086	0.05	−0.09 [−0.18; 0.01]	10.2%	10.2%
Common effect model			**−0.11 [−0.14; −0.08]**	**100.0%**	**––**
Random effects model			**−0.11 [−0.14; −0.08]**	**––**	**100.0%**



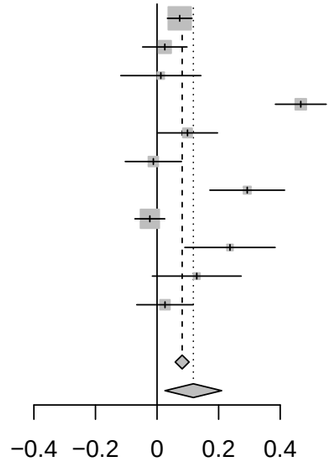
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.86

CXCL5 (CXCL5)−rs10821552

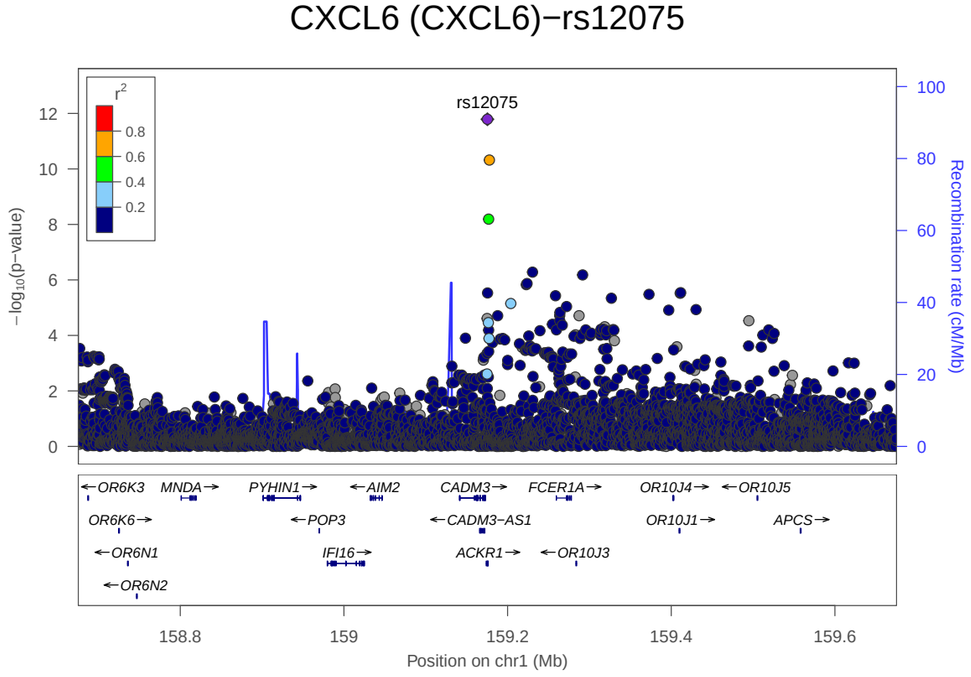


CXCL6 (CXCL6) [chr1:159175354_A_G (rs12075) (A/G) N=14741]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.074	0.02	0.07 [0.03; 0.11]	32.0%	10.0%
BioFinder (1496)	0.025	0.04	0.03 [−0.05; 0.10]	9.8%	9.6%
EGCUT (487)	0.012	0.07	0.01 [−0.12; 0.14]	3.0%	8.5%
KORA (1064)	0.467	0.04	0.47 [0.38; 0.55]	7.5%	9.4%
NSPHS (874)	0.099	0.05	0.10 [0.00; 0.20]	5.4%	9.1%
ORCADES (982)	−0.012	0.05	−0.01 [−0.10; 0.08]	6.1%	9.3%
RECOMBINE (445)	0.293	0.06	0.29 [0.17; 0.41]	3.5%	8.7%
STABILITY (2951)	−0.023	0.02	−0.02 [−0.07; 0.03]	21.7%	9.9%
STANLEY (344)	0.237	0.07	0.24 [0.09; 0.38]	2.4%	8.1%
STANLEY (300)	0.129	0.07	0.13 [−0.02; 0.27]	2.5%	8.2%
VIS (902)	0.026	0.05	0.03 [−0.07; 0.12]	6.1%	9.3%
Common effect model			**0.08 [0.06; 0.10]**	**100.0%**	**––**
Random effects model			**0.12 [0.03; 0.21]**	**––**	**100.0%**

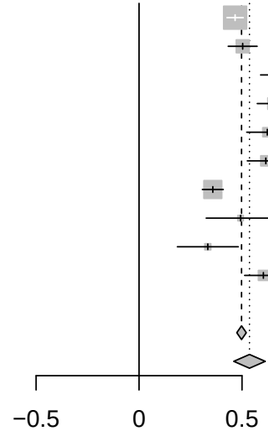


Heterogeneity: I^2 = 92%, τ^2 = 0.0216, p < 0.01

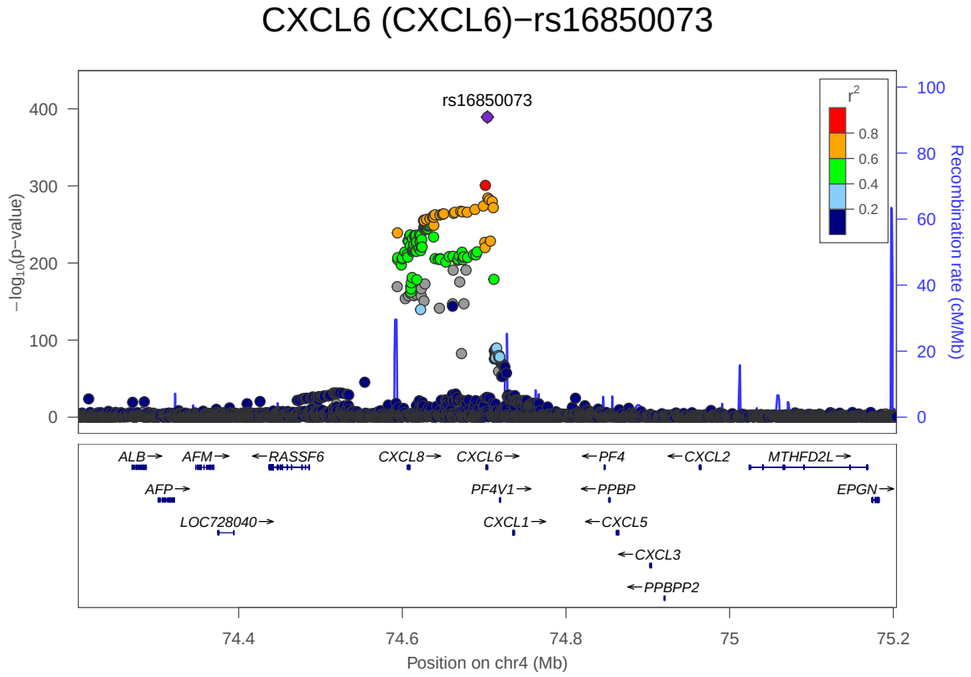


CXCL6 (CXCL6) [chr4:74703999_C_T (rs16850073) (T/C) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.467	0.02	0.47 [0.43; 0.51]	33.7%	11.6%
BioFinder (1496)	0.503	0.04	0.50 [0.43; 0.57]	10.7%	10.9%
EGCUT (487)	0.706	0.06	0.71 [0.59; 0.82]	4.0%	9.4%
KORA (1064)	0.653	0.04	0.65 [0.57; 0.73]	8.4%	10.6%
NSPHS (874)	0.623	0.05	0.62 [0.52; 0.72]	5.3%	9.9%
ORCADES (982)	0.616	0.05	0.62 [0.53; 0.71]	6.6%	10.3%
STABILITY (2951)	0.358	0.03	0.36 [0.31; 0.41]	20.5%	11.3%
STANLEY (344)	0.493	0.09	0.49 [0.33; 0.66]	1.9%	7.6%
STANLEY (300)	0.334	0.08	0.33 [0.19; 0.48]	2.4%	8.3%
VIS (902)	0.604	0.05	0.60 [0.51; 0.70]	6.4%	10.2%
Common effect model			**0.50 [0.47; 0.52]**	**100.0%**	**––**
Random effects model			**0.54 [0.46; 0.61]**	**––**	**100.0%**

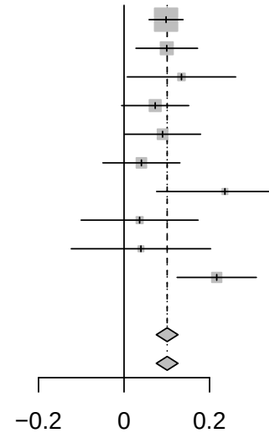


Heterogeneity: I^2 = 89%, τ^2 = 0.0128, p < 0.01

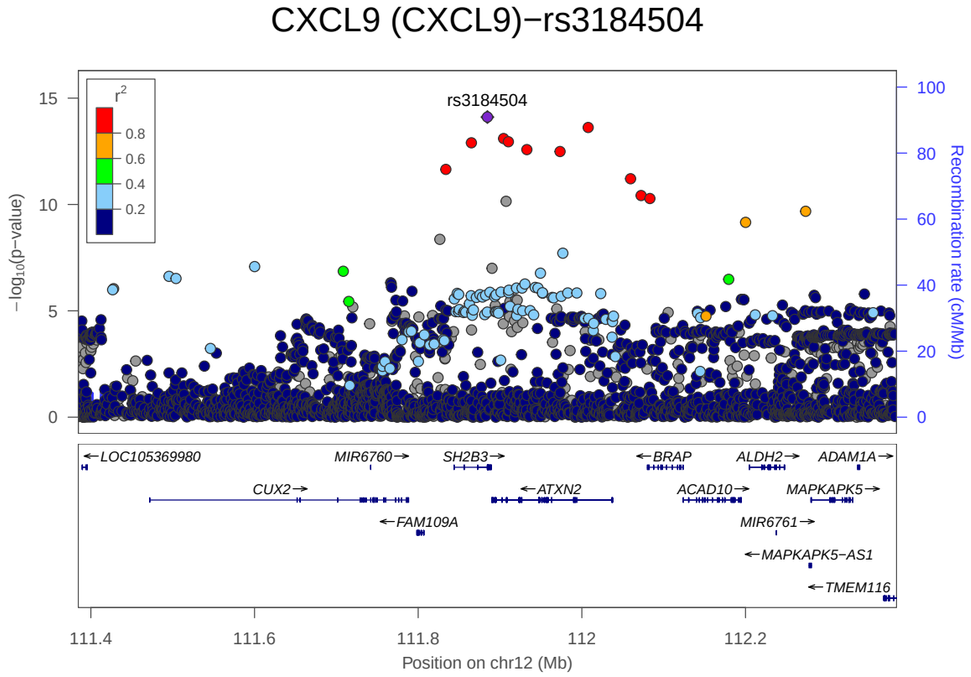


CXCL9 (CXCL9) [chr12:111884608_C_T (rs3184504) (T/C) N=11784]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.098	0.02	0.10 [0.06; 0.14]	40.9%	40.9%
BioFinder (1496)	0.100	0.04	0.10 [0.03; 0.17]	12.4%	12.4%
EGCUT (487)	0.134	0.06	0.13 [0.01; 0.26]	4.0%	4.0%
KORA (1064)	0.073	0.04	0.07 [−0.01; 0.15]	10.5%	10.5%
NSPHS (866)	0.090	0.05	0.09 [0.00; 0.18]	8.2%	8.2%
ORCADES (982)	0.041	0.05	0.04 [−0.05; 0.13]	8.0%	8.0%
RECOMBINE (448)	0.236	0.08	0.24 [0.08; 0.40]	2.5%	2.5%
STANLEY (344)	0.036	0.07	0.04 [−0.10; 0.17]	3.5%	3.5%
STANLEY (300)	0.040	0.08	0.04 [−0.12; 0.20]	2.4%	2.4%
VIS (901)	0.217	0.05	0.22 [0.12; 0.31]	7.5%	7.5%
Common effect model			**0.10 [0.08; 0.13]**	**100.0%**	**––**
Random effects model			**0.10 [0.08; 0.13]**	**––**	**100.0%**

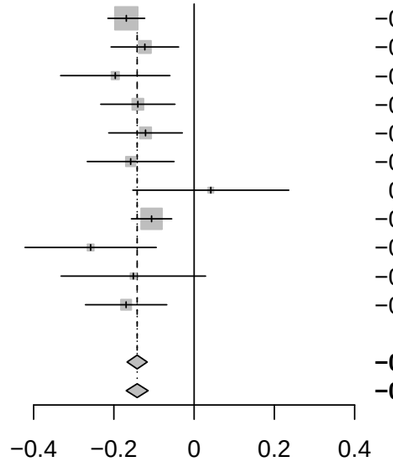


Heterogeneity: I^2 = 29%, τ^2 < 0.0001, p = 0.18

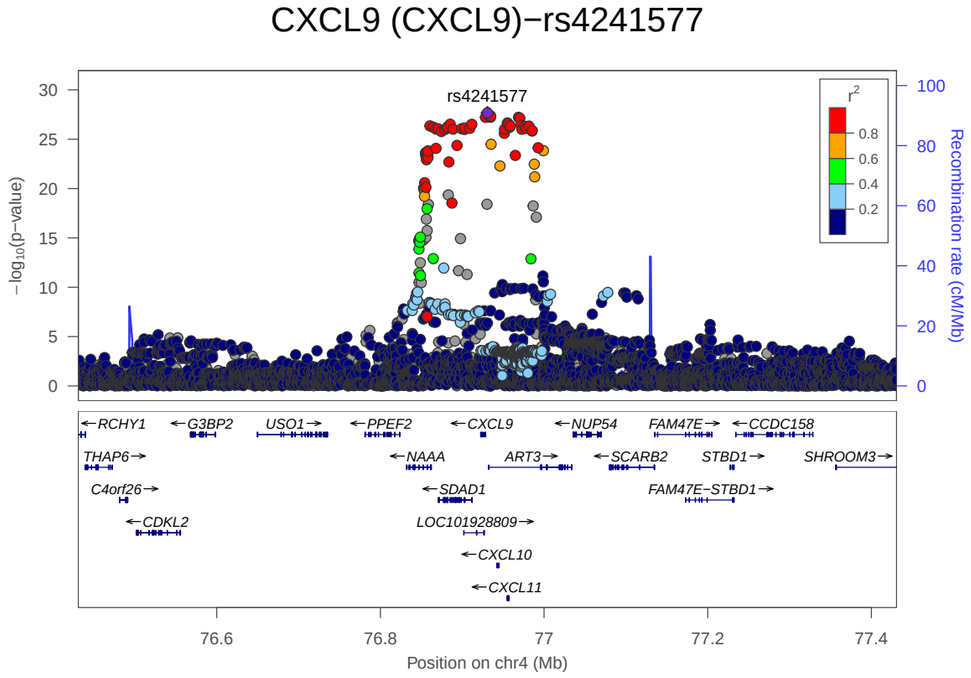


CXCL9 (CXCL9) [chr4:76930776_A_C (rs4241577) (A/C) N=14724]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.169	0.02	−0.17 [−0.21; −0.12]	30.0%	27.0%
BioFinder (1496)	−0.123	0.04	−0.12 [−0.21; −0.04]	8.9%	9.6%
EGCUT (487)	−0.197	0.07	−0.20 [−0.33; −0.06]	3.4%	3.9%
KORA (1064)	−0.140	0.05	−0.14 [−0.23; −0.05]	7.4%	8.1%
NSPHS (866)	−0.121	0.05	−0.12 [−0.21; −0.03]	7.5%	8.2%
ORCADES (982)	−0.158	0.06	−0.16 [−0.27; −0.05]	5.4%	6.0%
RECOMBINE (437)	0.042	0.10	0.04 [−0.15; 0.24]	1.7%	1.9%
STABILITY (2951)	−0.106	0.03	−0.11 [−0.16; −0.06]	25.1%	23.4%
STANLEY (344)	−0.258	0.08	−0.26 [−0.42; −0.09]	2.4%	2.7%
STANLEY (300)	−0.151	0.09	−0.15 [−0.33; 0.03]	2.0%	2.3%
VIS (901)	−0.169	0.05	−0.17 [−0.27; −0.07]	6.2%	6.8%
Common effect model			**−0.14 [−0.17; −0.12]**	**100.0%**	**––**
Random effects model			**−0.14 [−0.17; −0.11]**	**––**	**100.0%**

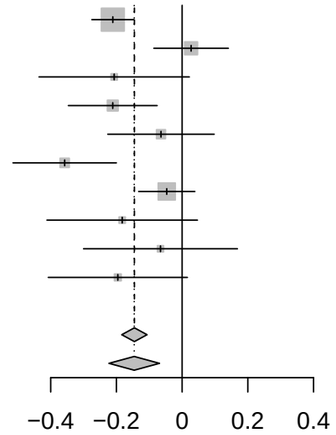


Heterogeneity: I^2 = 0%, τ^2 = 0.0002, p = 0.44

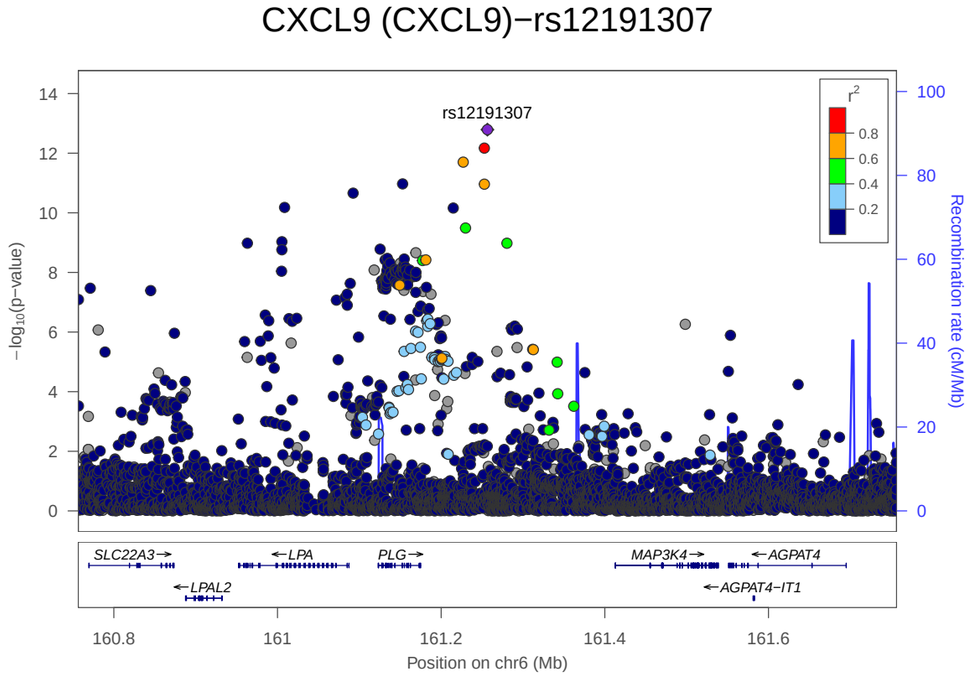


CXCL9 (CXCL9) [chr6:161256529_A_G (rs12191307) (A/G) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.211	0.03	−0.21 [−0.27; −0.15]	36.6%	15.2%
BioFinder (1496)	0.027	0.06	0.03 [−0.09; 0.14]	11.6%	12.4%
EGCUT (487)	−0.207	0.12	−0.21 [−0.44; 0.02]	2.8%	6.8%
KORA (1064)	−0.211	0.07	−0.21 [−0.35; −0.08]	8.1%	11.1%
NSPHS (866)	−0.064	0.08	−0.06 [−0.23; 0.10]	5.7%	9.7%
ORCADES (982)	−0.357	0.08	−0.36 [−0.51; −0.20]	6.0%	9.9%
STABILITY (2951)	−0.047	0.04	−0.05 [−0.13; 0.04]	20.3%	14.0%
STANLEY (344)	−0.182	0.12	−0.18 [−0.41; 0.05]	2.8%	6.8%
STANLEY (300)	−0.066	0.12	−0.07 [−0.30; 0.17]	2.7%	6.6%
VIS (901)	−0.196	0.11	−0.20 [−0.41; 0.02]	3.3%	7.4%
Common effect model			**−0.15 [−0.18; −0.11]**	**100.0%**	**––**
Random effects model			**−0.15 [−0.22; −0.07]**	**––**	**100.0%**

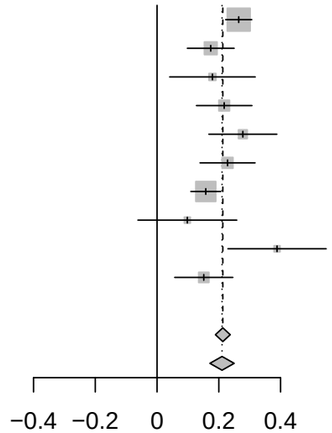


Heterogeneity: I^2 = 68%, τ^2 = 0.0091, p < 0.01



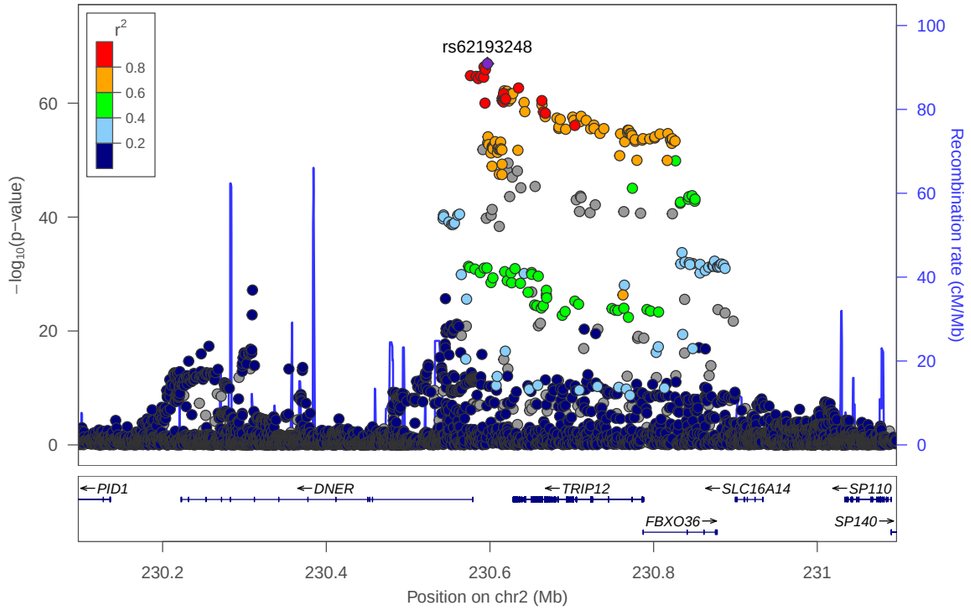
DNER (DNER) [chr2:230596917_A_T (rs62193248) (A/T) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.264	0.02	0.26 [0.22; 0.31]	32.2%	17.5%
BioFinder (1496)	0.174	0.04	0.17 [0.10; 0.25]	10.0%	12.1%
EGCUT (487)	0.179	0.07	0.18 [0.04; 0.32]	3.0%	5.9%
KORA (1064)	0.217	0.05	0.22 [0.13; 0.31]	7.1%	10.2%
NSPHS (866)	0.278	0.06	0.28 [0.17; 0.39]	4.8%	8.1%
ORCADES (982)	0.228	0.05	0.23 [0.14; 0.32]	7.3%	10.3%
STABILITY (2951)	0.158	0.02	0.16 [0.11; 0.21]	24.6%	16.5%
STANLEY (344)	0.098	0.08	0.10 [−0.06; 0.26]	2.3%	4.7%
STANLEY (300)	0.389	0.08	0.39 [0.23; 0.55]	2.3%	4.8%
VIS (901)	0.151	0.05	0.15 [0.06; 0.25]	6.5%	9.7%
Common effect model			**0.21 [0.19; 0.24]**	**100.0%**	**––**
Random effects model			**0.21 [0.17; 0.25]**	**––**	**100.0%**



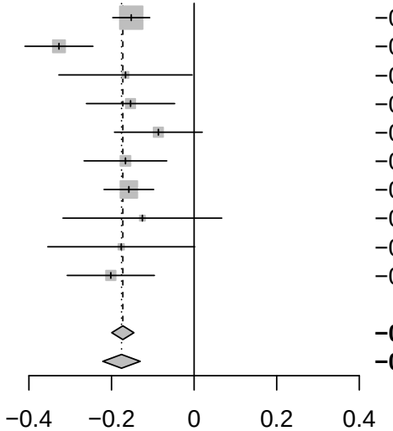
Heterogeneity: I^2 = 58%, τ^2 = 0.0018, p = 0.01

DNER (DNER)−rs62193248



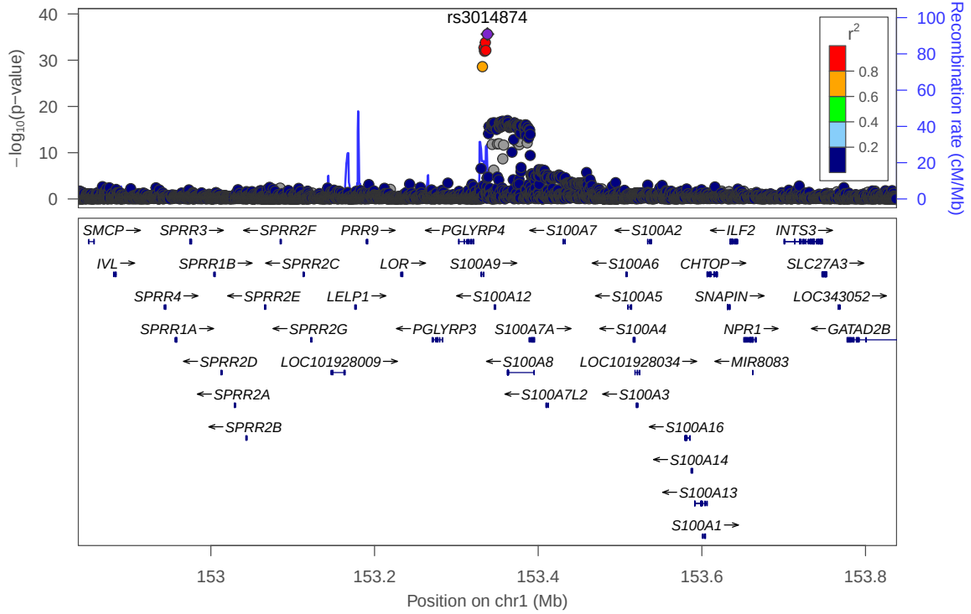
EN−RAGE (S100A12) [chr1:153337943_A_G (rs3014874) (A/G) N=14295]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.152	0.02	−0.15 [−0.20; −0.11]	36.0%	17.5%
BioFinder (1496)	−0.327	0.04	−0.33 [−0.41; −0.24]	10.6%	12.4%
EGCUT (487)	−0.166	0.08	−0.17 [−0.33; −0.00]	2.8%	5.7%
KORA (1064)	−0.154	0.05	−0.15 [−0.26; −0.05]	6.3%	9.7%
NSPHS (874)	−0.087	0.05	−0.09 [−0.19; 0.02]	6.4%	9.8%
ORCADES (981)	−0.166	0.05	−0.17 [−0.27; −0.07]	7.2%	10.4%
STABILITY (2951)	−0.158	0.03	−0.16 [−0.22; −0.10]	20.0%	15.4%
STANLEY (344)	−0.125	0.10	−0.13 [−0.32; 0.07]	2.0%	4.4%
STANLEY (300)	−0.176	0.09	−0.18 [−0.35; 0.00]	2.3%	5.0%
VIS (902)	−0.202	0.05	−0.20 [−0.31; −0.10]	6.5%	9.8%
Common effect model			**−0.17 [−0.20; −0.15]**	**100.0%**	**––**
Random effects model			**−0.18 [−0.22; −0.13]**	**––**	**100.0%**



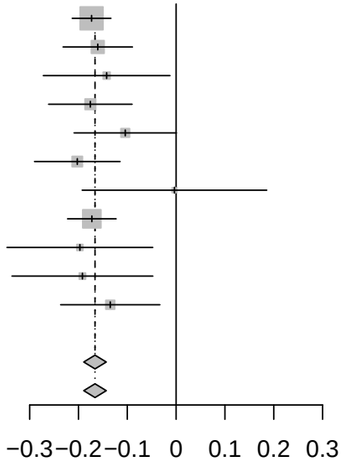
Heterogeneity: I^2 = 49%, τ^2 = 0.0025, p = 0.04

EN−RAGE (S100A12)−rs3014874



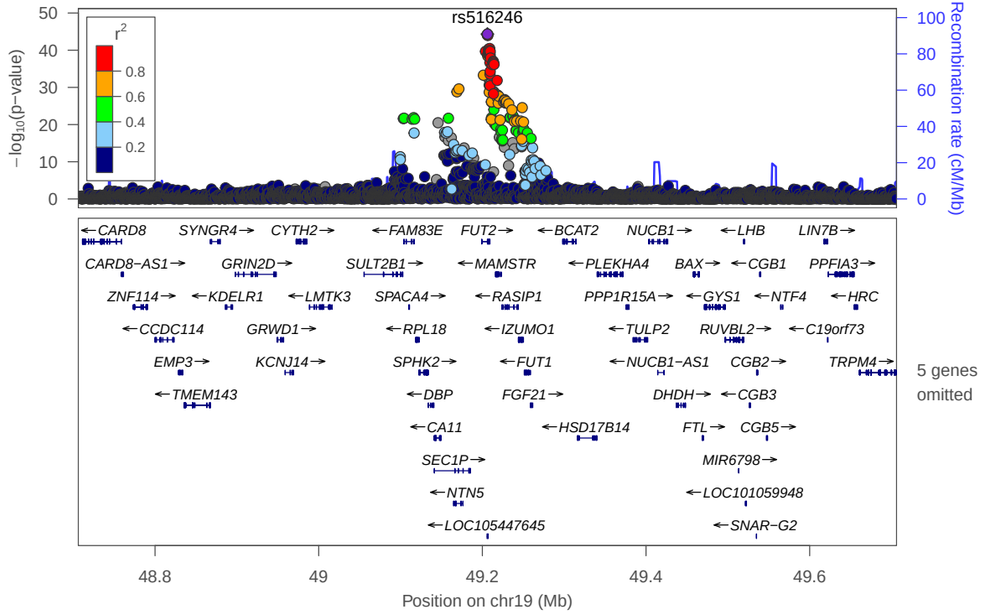
FGF−19 (FGF19) [chr19:49206172_C_T (rs516246) (T/C) N=14744]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.173	0.02	−0.17 [−0.21; −0.13]	33.9%	33.9%
BioFinder (1496)	−0.161	0.04	−0.16 [−0.23; −0.09]	10.6%	10.6%
EGCUT (487)	−0.142	0.07	−0.14 [−0.27; −0.01]	3.2%	3.2%
KORA (1064)	−0.176	0.04	−0.18 [−0.26; −0.09]	7.3%	7.3%
NSPHS (874)	−0.104	0.05	−0.10 [−0.21; 0.00]	4.9%	4.9%
ORCADES (982)	−0.202	0.04	−0.20 [−0.29; −0.11]	7.0%	7.0%
RECOMBINE (448)	−0.003	0.10	−0.00 [−0.19; 0.19]	1.5%	1.5%
STABILITY (2951)	−0.173	0.03	−0.17 [−0.22; −0.12]	21.5%	21.5%
STANLEY (344)	−0.197	0.08	−0.20 [−0.35; −0.05]	2.4%	2.4%
STANLEY (300)	−0.192	0.07	−0.19 [−0.34; −0.05]	2.6%	2.6%
VIS (902)	−0.135	0.05	−0.13 [−0.24; −0.03]	5.2%	5.2%
Common effect model			**−0.17 [−0.19; −0.14]**	**100.0%**	**−−**
Random effects model			**−0.17 [−0.19; −0.14]**	**−−**	**100.0%**



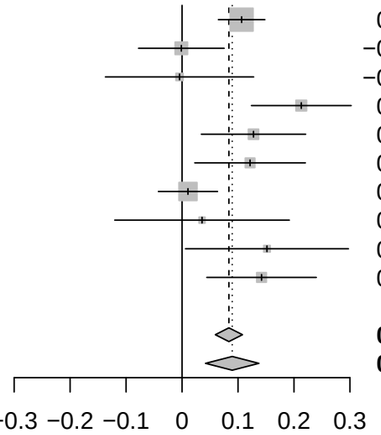
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.83

FGF−19 (FGF19)−rs516246

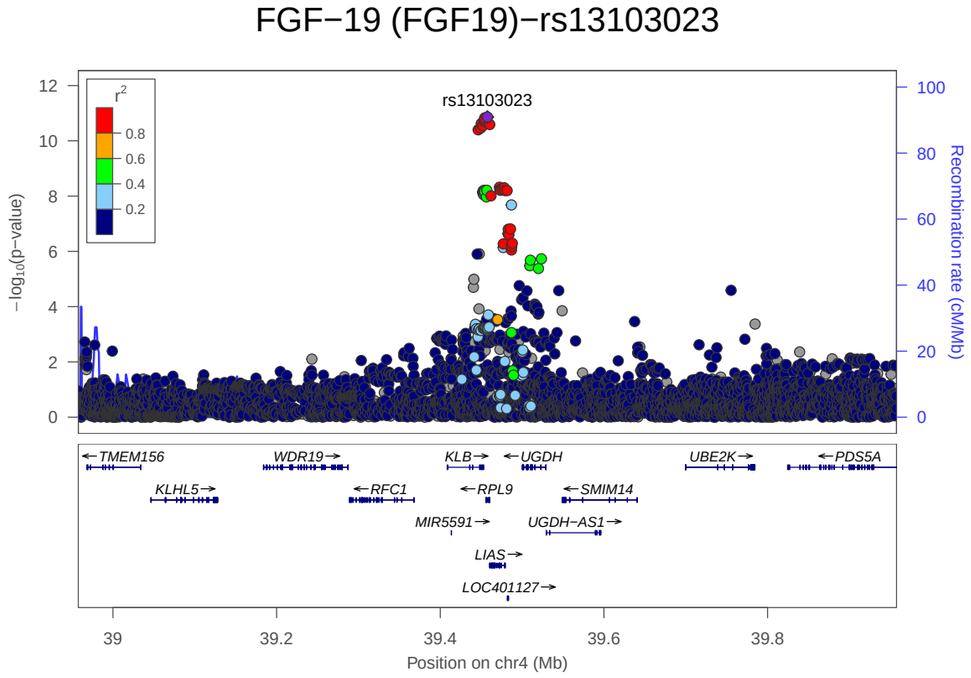


FGF−19 (FGF19) [chr4:39457617_A_G (rs13103023) (A/G) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.106	0.02	0.11 [0.06; 0.15]	34.0%	14.7%
BioFinder (1496)	−0.001	0.04	−0.00 [−0.08; 0.08]	10.1%	11.6%
EGCUT (487)	−0.004	0.07	−0.00 [−0.14; 0.13]	3.4%	7.3%
KORA (1064)	0.213	0.05	0.21 [0.12; 0.30]	7.4%	10.5%
NSPHS (874)	0.128	0.05	0.13 [0.03; 0.22]	6.8%	10.2%
ORCADES (982)	0.122	0.05	0.12 [0.02; 0.22]	6.0%	9.7%
STABILITY (2951)	0.011	0.03	0.01 [−0.04; 0.06]	21.1%	13.8%
STANLEY (344)	0.036	0.08	0.04 [−0.12; 0.19]	2.4%	6.0%
STANLEY (300)	0.152	0.07	0.15 [0.01; 0.30]	2.8%	6.5%
VIS (902)	0.142	0.05	0.14 [0.04; 0.24]	6.1%	9.8%
Common effect model			**0.08 [0.06; 0.11]**	**100.0%**	––
Random effects model			**0.09 [0.04; 0.14]**	––	**100.0%**

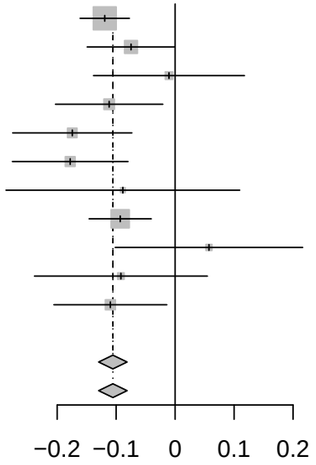


Heterogeneity: I^2 = 67%, τ^2 = 0.0036, p < 0.01

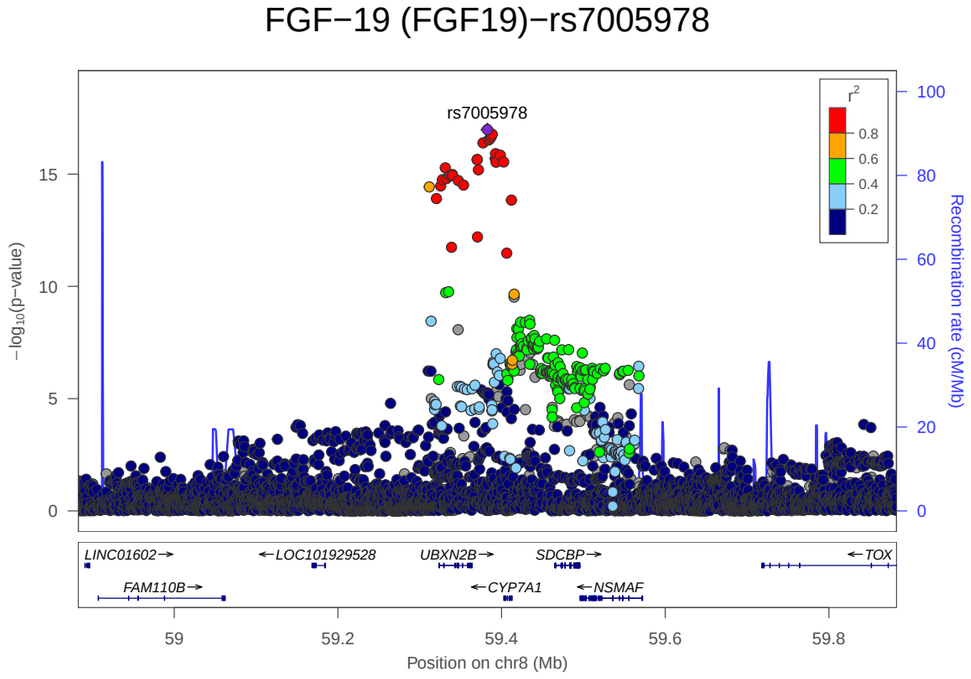


FGF−19 (FGF19) [chr8:59382715_A_G (rs7005978) (A/G) N=14744]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.119	0.02	−0.12 [−0.16; −0.08]	33.3%	33.2%
BioFinder (1496)	−0.075	0.04	−0.07 [−0.15; −0.00]	10.5%	10.5%
EGCUT (487)	−0.010	0.07	−0.01 [−0.14; 0.12]	3.6%	3.6%
KORA (1064)	−0.112	0.05	−0.11 [−0.20; −0.02]	7.0%	7.0%
NSPHS (874)	−0.174	0.05	−0.17 [−0.28; −0.07]	5.7%	5.7%
ORCADES (982)	−0.178	0.05	−0.18 [−0.28; −0.08]	6.1%	6.1%
RECOMBINE (448)	−0.089	0.10	−0.09 [−0.29; 0.11]	1.5%	1.5%
STABILITY (2951)	−0.093	0.03	−0.09 [−0.15; −0.04]	21.0%	20.9%
STANLEY (344)	0.057	0.08	0.06 [−0.10; 0.22]	2.3%	2.3%
STANLEY (300)	−0.092	0.07	−0.09 [−0.24; 0.05]	2.7%	2.7%
VIS (902)	−0.110	0.05	−0.11 [−0.21; −0.01]	6.4%	6.4%
Common effect model			**−0.11 [−0.13; −0.08]**	**100.0%**	**––**
Random effects model			**−0.11 [−0.13; −0.08]**	**––**	**100.0%**

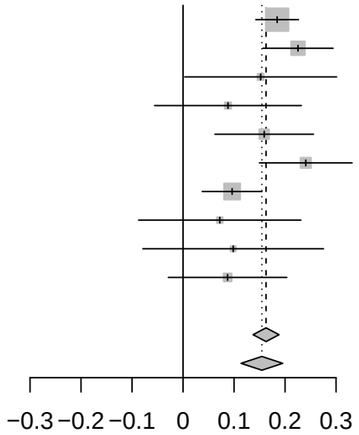


Heterogeneity: I^2 = 12%, τ^2 < 0.0001, p = 0.33

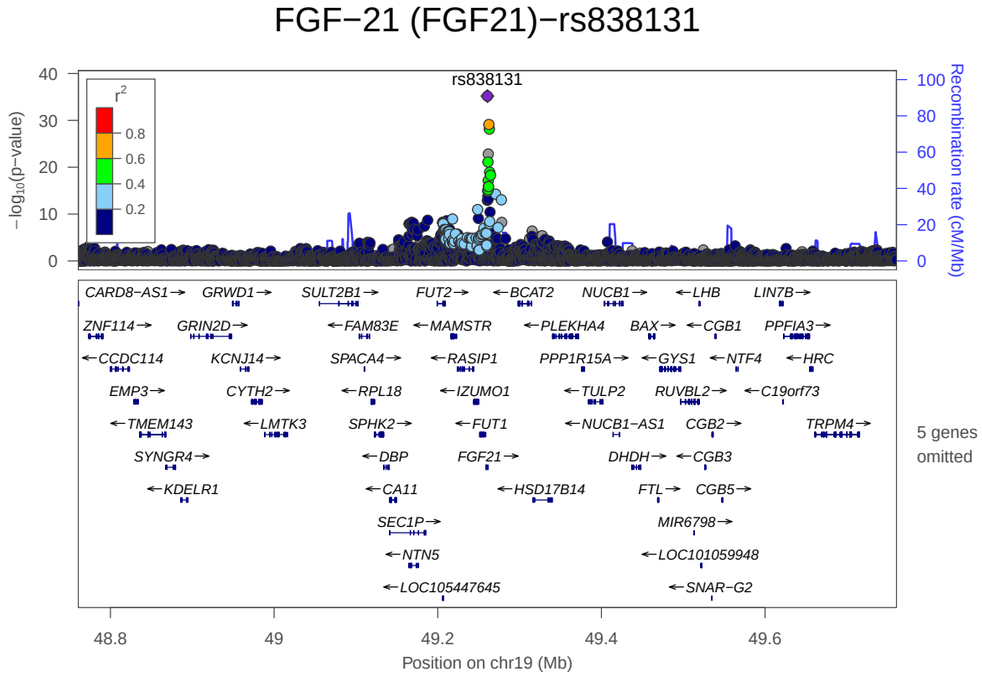


FGF−21 (FGF21) [chr19:49260677_A_C (rs838131) (A/C) N=14295]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.185	0.02	0.18 [0.14; 0.23]	37.0%	19.1%
BioFinder (1496)	0.225	0.04	0.23 [0.16; 0.29]	13.7%	14.2%
EGCUT (487)	0.152	0.08	0.15 [0.00; 0.30]	2.9%	5.7%
KORA (1064)	0.088	0.07	0.09 [−0.06; 0.23]	3.1%	6.0%
NSPHS (874)	0.159	0.05	0.16 [0.06; 0.26]	7.0%	10.2%
ORCADES (982)	0.241	0.05	0.24 [0.15; 0.33]	7.9%	10.9%
STABILITY (2951)	0.096	0.03	0.10 [0.04; 0.15]	18.9%	16.0%
STANLEY (344)	0.072	0.08	0.07 [−0.09; 0.23]	2.6%	5.2%
STANLEY (300)	0.098	0.09	0.10 [−0.08; 0.28]	2.1%	4.4%
VIS (901)	0.087	0.06	0.09 [−0.03; 0.20]	4.8%	8.2%
Common effect model			**0.16 [0.14; 0.19]**	**100.0%**	**––**
Random effects model			**0.15 [0.11; 0.20]**	**––**	**100.0%**

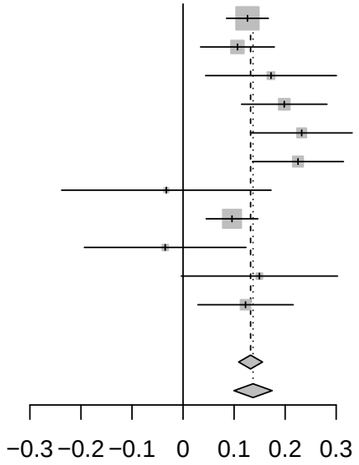


Heterogeneity: I^2 = 45%, τ^2 = 0.0018, p = 0.06

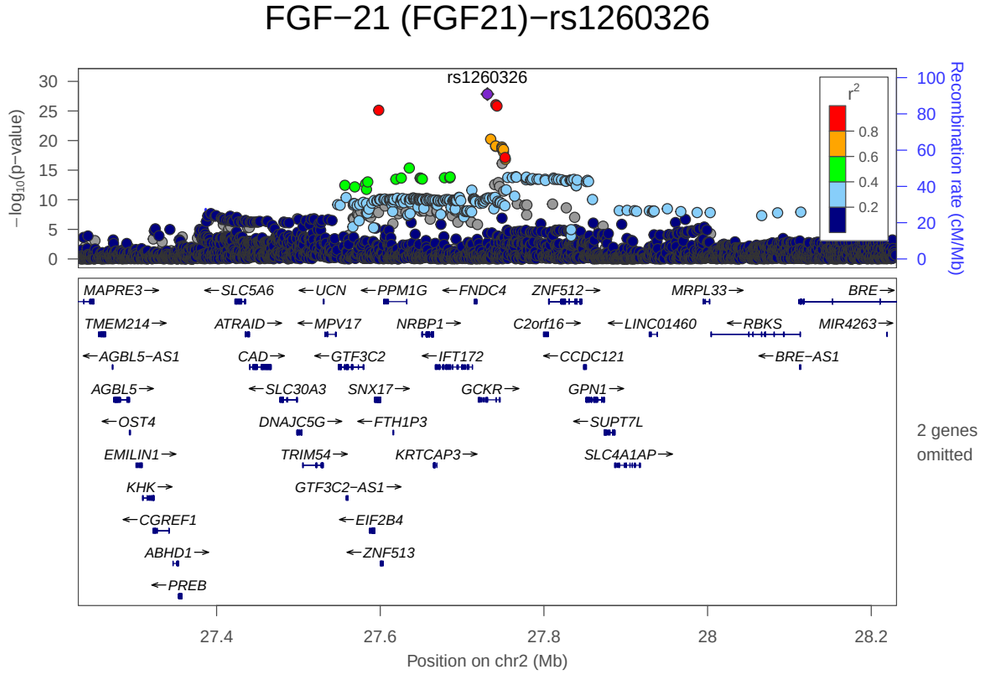


FGF−21 (FGF21) [chr2:27730940_C_T (rs1260326) (T/C) N=14730]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.126	0.02	0.13 [0.09; 0.17]	32.5%	17.0%
BioFinder (1496)	0.107	0.04	0.11 [0.03; 0.18]	10.5%	11.9%
EGCUT (487)	0.172	0.07	0.17 [0.04; 0.30]	3.3%	6.1%
KORA (1064)	0.198	0.04	0.20 [0.11; 0.28]	7.8%	10.3%
NSPHS (874)	0.232	0.05	0.23 [0.13; 0.33]	5.6%	8.6%
ORCADES (982)	0.225	0.05	0.23 [0.14; 0.31]	6.9%	9.7%
RECOMBINE (435)	−0.033	0.10	−0.03 [−0.24; 0.17]	1.3%	2.9%
STABILITY (2951)	0.096	0.03	0.10 [0.05; 0.15]	21.4%	15.3%
STANLEY (344)	−0.035	0.08	−0.04 [−0.19; 0.12]	2.2%	4.4%
STANLEY (300)	0.150	0.08	0.15 [−0.00; 0.30]	2.3%	4.7%
VIS (901)	0.122	0.05	0.12 [0.03; 0.22]	6.3%	9.2%
Common effect model			**0.13 [0.11; 0.16]**	**100.0%**	**––**
Random effects model			**0.14 [0.10; 0.17]**	**––**	**100.0%**

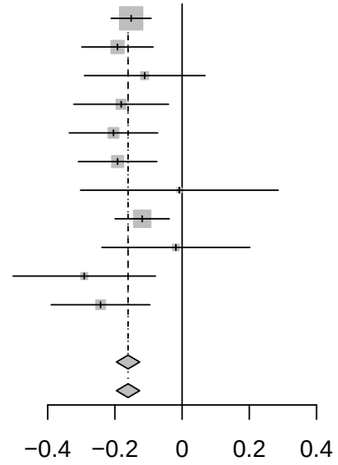


Heterogeneity: I^2 = 51%, τ^2 = 0.0017, p = 0.03

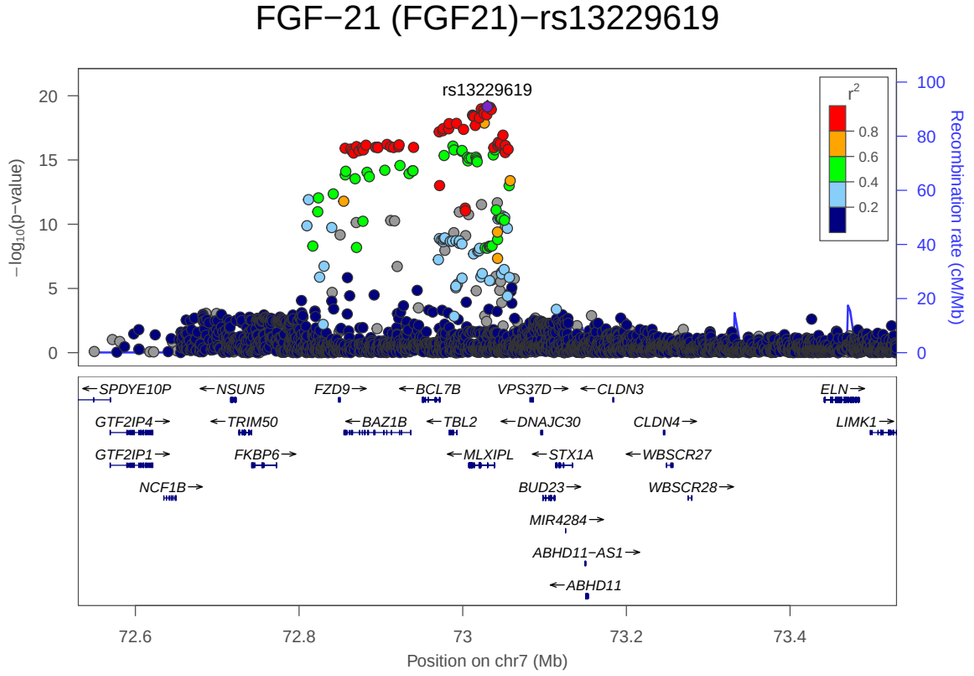


FGF−21 (FGF21) [chr7:73030175_A_G (rs13229619) (A/G) N=14743]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.152	0.03	−0.15 [−0.21; −0.09]	33.8%	33.8%
BioFinder (1496)	−0.192	0.05	−0.19 [−0.30; −0.09]	10.6%	10.6%
EGCUT (487)	−0.111	0.09	−0.11 [−0.29; 0.07]	3.7%	3.7%
KORA (1064)	−0.181	0.07	−0.18 [−0.32; −0.04]	6.0%	6.0%
NSPHS (874)	−0.204	0.07	−0.20 [−0.34; −0.07]	6.9%	6.9%
ORCADES (982)	−0.192	0.06	−0.19 [−0.31; −0.08]	8.7%	8.7%
RECOMBINE (448)	−0.008	0.15	−0.01 [−0.30; 0.29]	1.4%	1.4%
STABILITY (2951)	−0.119	0.04	−0.12 [−0.20; −0.04]	18.3%	18.3%
STANLEY (344)	−0.019	0.11	−0.02 [−0.24; 0.20]	2.5%	2.5%
STANLEY (300)	−0.291	0.11	−0.29 [−0.50; −0.08]	2.7%	2.7%
VIS (901)	−0.243	0.08	−0.24 [−0.39; −0.10]	5.5%	5.5%
Common effect model			**−0.16 [−0.20; −0.13]**	**100.0%**	**––**
Random effects model			**−0.16 [−0.20; −0.13]**	**––**	**100.0%**

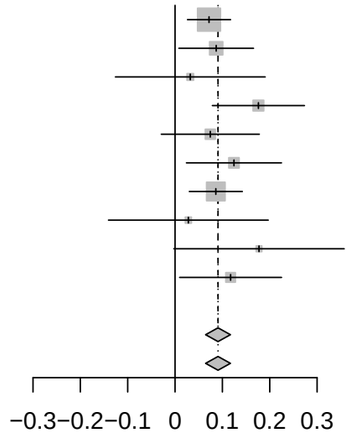


Heterogeneity: I^2 = 0%, τ^2 < 0.0001, p = 0.65

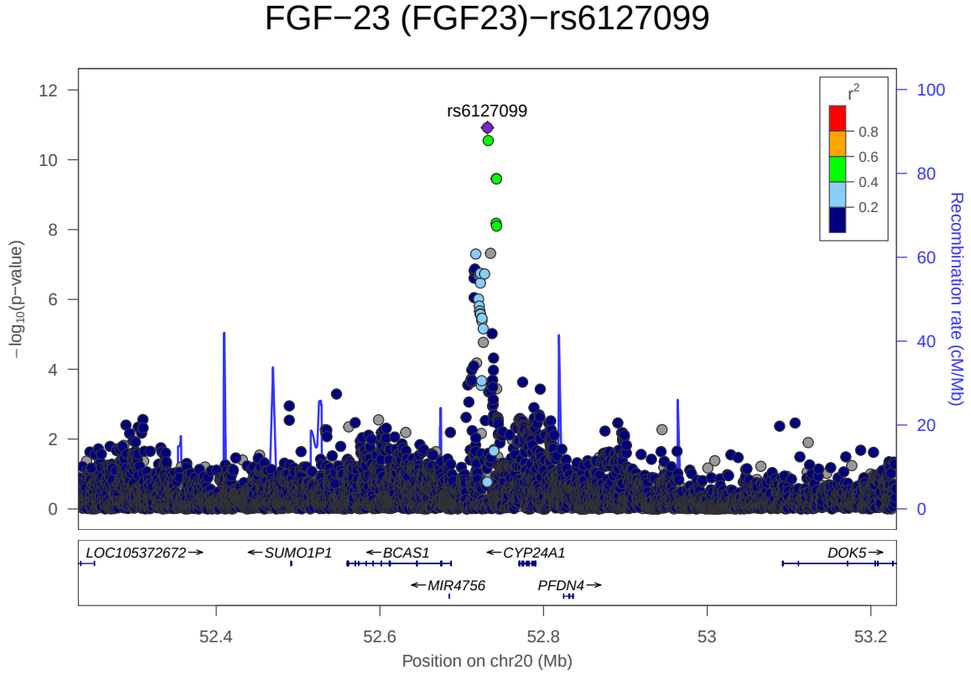


FGF−23 (FGF23) [chr20:52731402_A_T (rs6127099) (A/T) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.072	0.02	0.07 [0.03; 0.12]	33.3%	33.3%
BioFinder (1496)	0.087	0.04	0.09 [0.01; 0.17]	11.1%	11.1%
EGCUT (487)	0.032	0.08	0.03 [−0.13; 0.19]	2.8%	2.8%
KORA (1063)	0.176	0.05	0.18 [0.08; 0.27]	7.3%	7.3%
NSPHS (866)	0.074	0.05	0.07 [−0.03; 0.18]	6.4%	6.4%
ORCADES (982)	0.124	0.05	0.12 [0.02; 0.22]	6.8%	6.8%
STABILITY (2951)	0.086	0.03	0.09 [0.03; 0.14]	21.9%	21.9%
STANLEY (344)	0.028	0.09	0.03 [−0.14; 0.20]	2.4%	2.4%
STANLEY (300)	0.177	0.09	0.18 [−0.00; 0.36]	2.1%	2.1%
VIS (902)	0.117	0.05	0.12 [0.01; 0.22]	5.9%	5.9%
Common effect model			**0.09 [0.06; 0.12]**	**100.0%**	**––**
Random effects model			**0.09 [0.06; 0.12]**	**––**	**100.0%**

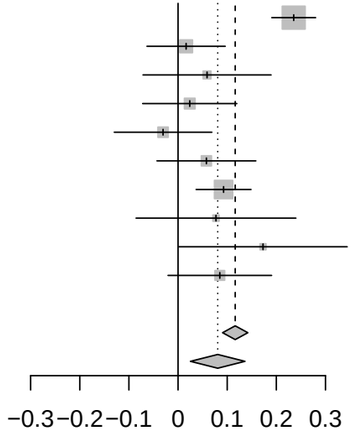


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.70



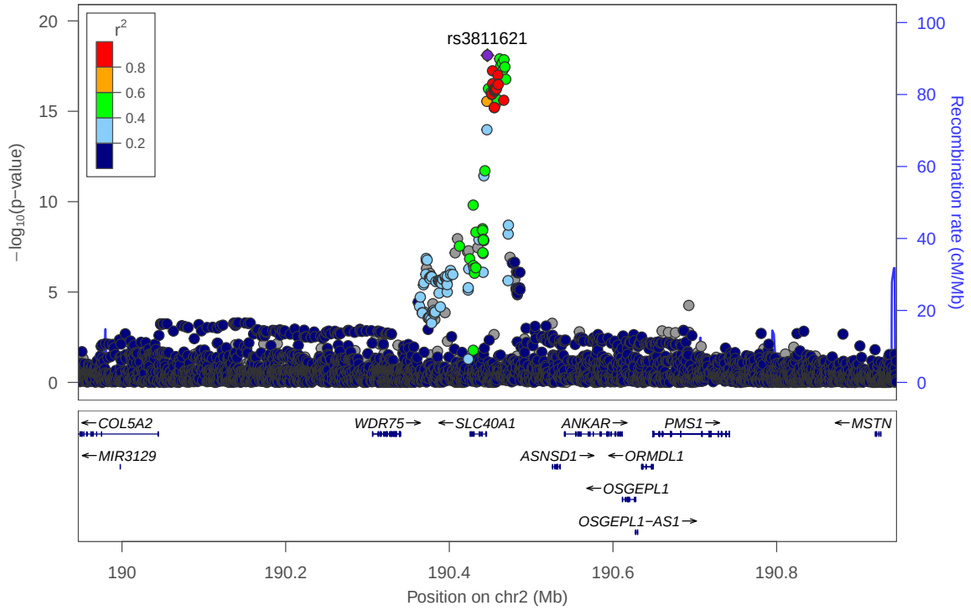
FGF−23 (FGF23) [chr2:190446541_C_G (rs3811621) (C/G) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.235	0.02	0.24 [0.19; 0.28]	33.3%	13.8%
BioFinder (1496)	0.016	0.04	0.02 [−0.06; 0.10]	10.4%	11.5%
EGCUT (487)	0.059	0.07	0.06 [−0.07; 0.19]	3.9%	8.3%
KORA (1063)	0.024	0.05	0.02 [−0.07; 0.12]	7.2%	10.4%
NSPHS (866)	−0.030	0.05	−0.03 [−0.13; 0.07]	6.7%	10.2%
ORCADES (982)	0.058	0.05	0.06 [−0.04; 0.16]	6.5%	10.1%
STABILITY (2951)	0.093	0.03	0.09 [0.04; 0.15]	21.2%	13.1%
STANLEY (344)	0.077	0.08	0.08 [−0.09; 0.24]	2.5%	6.6%
STANLEY (300)	0.173	0.09	0.17 [0.00; 0.34]	2.3%	6.2%
VIS (902)	0.085	0.05	0.08 [−0.02; 0.19]	6.0%	9.8%
Common effect model			**0.12 [0.09; 0.14]**	**100.0%**	**––**
Random effects model			**0.08 [0.03; 0.14]**	**––**	**100.0%**



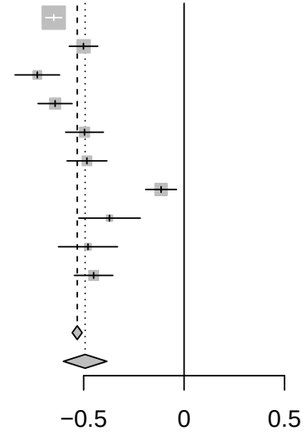
Heterogeneity: I^2 = 82%, τ^2 = 0.0053, p < 0.01

FGF−23 (FGF23)−rs3811621

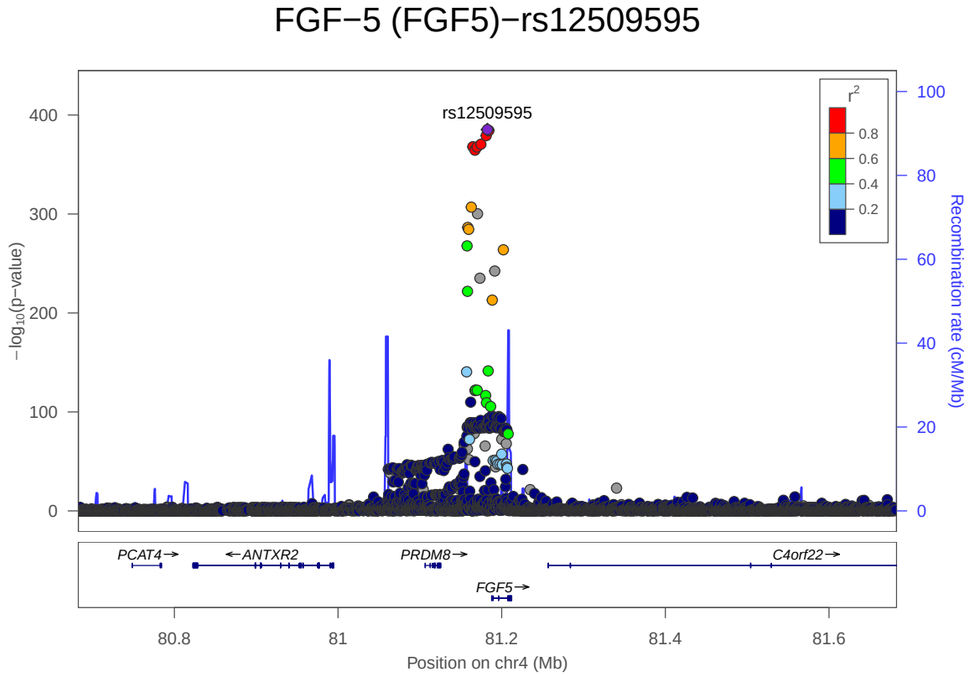


FGF−5 (FGF5) [chr4:81182554_C_T (rs12509595) (T/C) N=11787]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.649	0.02	−0.65 [−0.69; −0.61]	38.4%	10.8%
BioFinder (1496)	−0.501	0.04	−0.50 [−0.57; −0.43]	12.2%	10.5%
EGCUT (487)	−0.731	0.06	−0.73 [−0.84; −0.62]	5.0%	9.8%
KORA (1064)	−0.642	0.04	−0.64 [−0.73; −0.56]	8.5%	10.3%
NSPHS (874)	−0.496	0.05	−0.50 [−0.59; −0.40]	7.0%	10.1%
ORCADES (981)	−0.484	0.05	−0.48 [−0.58; −0.38]	6.3%	10.0%
RECOMBINE (446)	−0.115	0.04	−0.11 [−0.19; −0.04]	10.4%	10.4%
STANLEY (344)	−0.371	0.08	−0.37 [−0.52; −0.22]	2.6%	9.0%
STANLEY (300)	−0.479	0.07	−0.48 [−0.63; −0.33]	2.9%	9.1%
VIS (899)	−0.450	0.05	−0.45 [−0.55; −0.35]	6.7%	10.1%
Common effect model			**−0.53 [−0.56; −0.51]**	**100.0%**	**––**
Random effects model			**−0.49 [−0.60; −0.38]**	**––**	**100.0%**

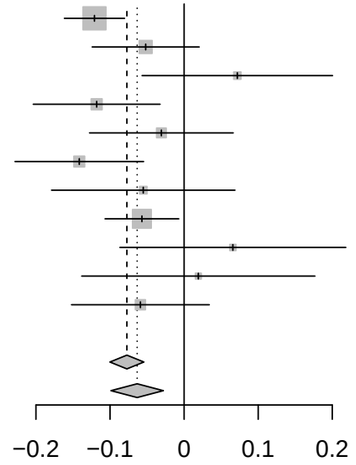


Heterogeneity: I^2 = 95%, τ^2 = 0.0279, p < 0.01

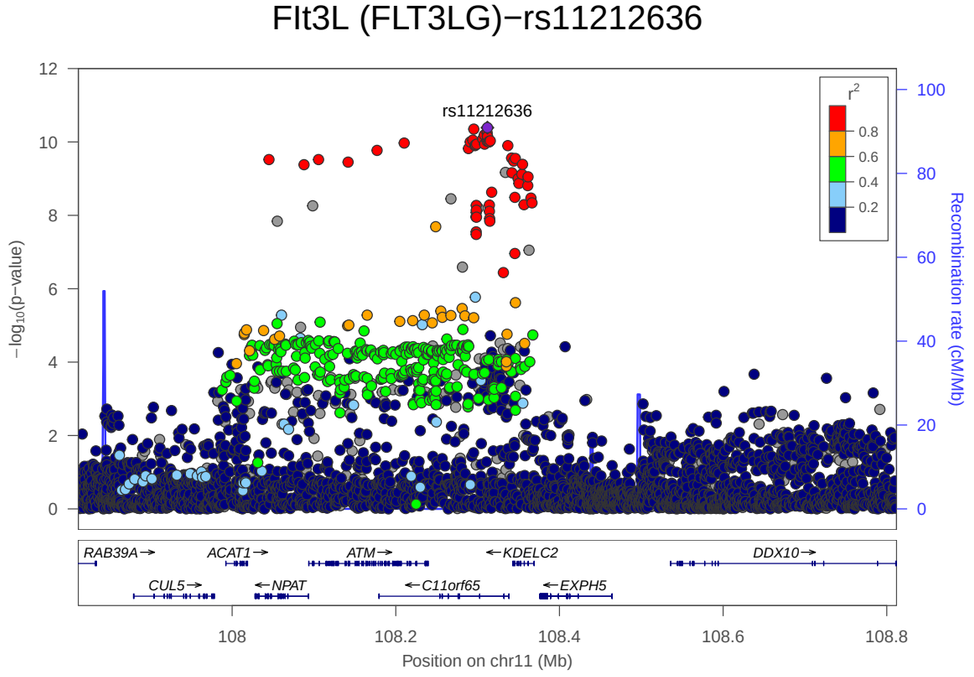


FIt3L (FLT3LG) [chr11:108311965_A_G (rs11212636) (A/G) N=14724]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.121	0.02	−0.12 [−0.16; −0.08]	31.9%	17.1%
BioFinder (1496)	−0.052	0.04	−0.05 [−0.12; 0.02]	10.1%	11.5%
EGCUT (487)	0.072	0.07	0.07 [−0.06; 0.20]	3.2%	5.6%
KORA (1064)	−0.118	0.04	−0.12 [−0.20; −0.03]	7.2%	9.6%
NSPHS (866)	−0.031	0.05	−0.03 [−0.13; 0.07]	5.6%	8.3%
ORCADES (981)	−0.141	0.04	−0.14 [−0.23; −0.05]	7.0%	9.5%
RECOMBINE (438)	−0.055	0.06	−0.06 [−0.18; 0.07]	3.4%	6.0%
STABILITY (2951)	−0.057	0.03	−0.06 [−0.11; −0.01]	21.2%	15.3%
STANLEY (344)	0.066	0.08	0.07 [−0.09; 0.22]	2.3%	4.3%
STANLEY (300)	0.019	0.08	0.02 [−0.14; 0.18]	2.1%	4.1%
VIS (901)	−0.059	0.05	−0.06 [−0.15; 0.03]	6.1%	8.7%
Common effect model			**−0.08 [−0.10; −0.05]**	**100.0%**	**––**
Random effects model			**−0.06 [−0.10; −0.03]**	**––**	**100.0%**

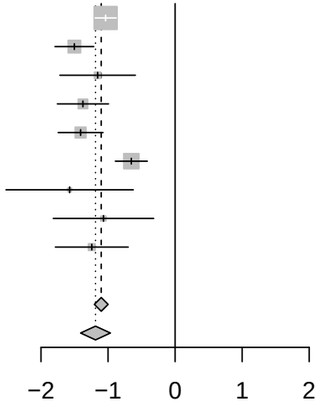


Heterogeneity: I^2 = 49%, τ^2 = 0.0015, p = 0.03

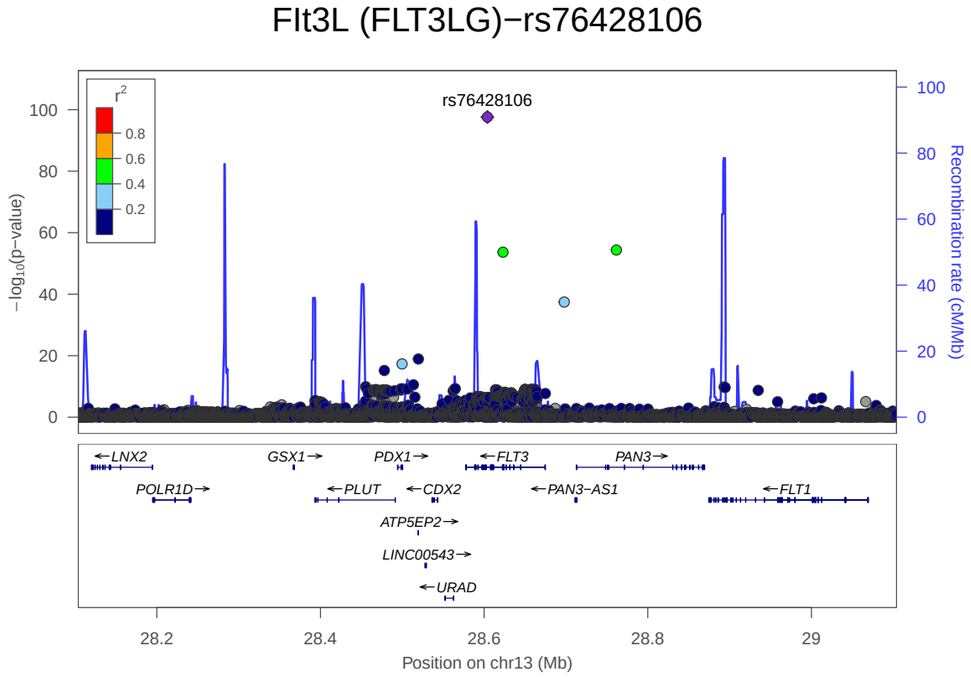


FIt3L (FLT3LG) [chr13:28604007_C_T (rs76428106) (T/C) N=13799]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−1.037	0.08	−1.04 [−1.19; −0.88]	42.4%	17.2%
BioFinder (1496)	−1.502	0.15	−1.50 [−1.79; −1.21]	12.6%	14.3%
KORA (1064)	−1.156	0.29	−1.16 [−1.72; −0.59]	3.3%	8.5%
NSPHS (866)	−1.375	0.19	−1.37 [−1.76; −0.99]	7.2%	12.1%
ORCADES (981)	−1.410	0.17	−1.41 [−1.74; −1.08]	9.4%	13.2%
STABILITY (2951)	−0.653	0.12	−0.65 [−0.89; −0.41]	18.5%	15.5%
STANLEY (344)	−1.573	0.48	−1.57 [−2.52; −0.62]	1.2%	4.3%
STANLEY (300)	−1.068	0.38	−1.07 [−1.82; −0.32]	1.9%	6.0%
VIS (901)	−1.243	0.28	−1.24 [−1.79; −0.70]	3.6%	8.9%
Common effect model			**−1.10 [−1.20; −1.00]**	**100.0%**	––
Random effects model			**−1.19 [−1.41; −0.96]**	––	**100.0%**

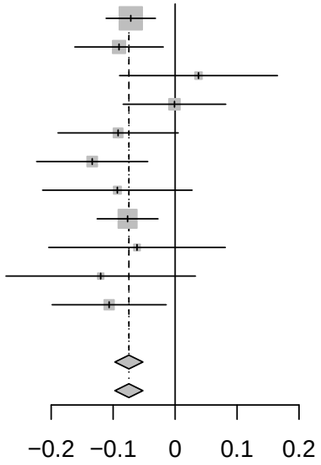


Heterogeneity: I^2 = 71%, τ^2 = 0.0685, p < 0.01

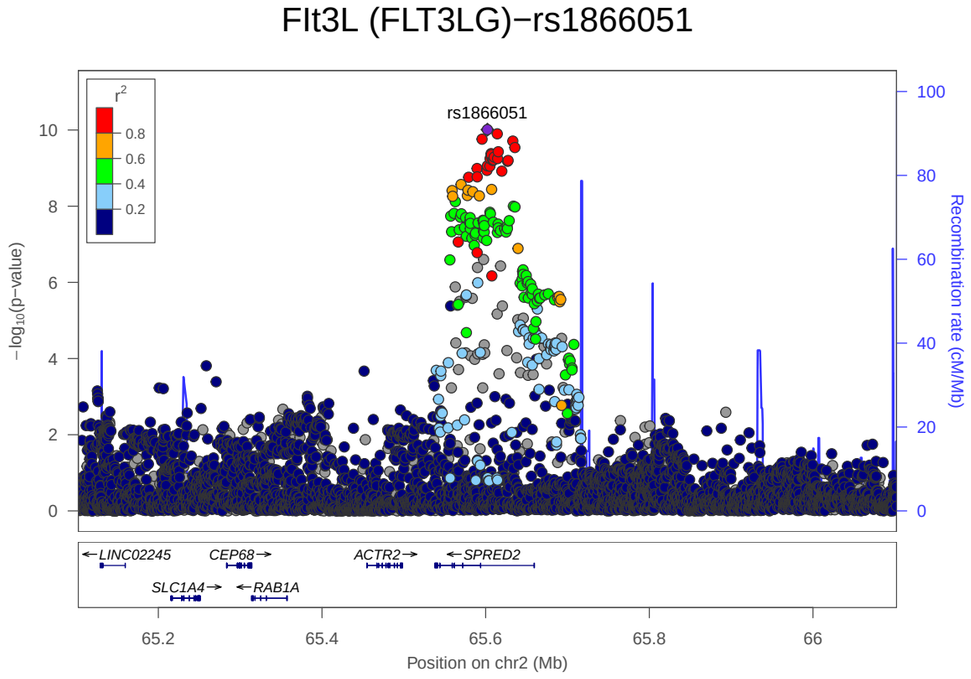


FIt3L (FLT3LG) [chr2:65602149_C_T (rs1866051) (T/C) N=14732]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.072	0.02	−0.07 [−0.11; −0.03]	32.2%	32.2%
BioFinder (1496)	−0.090	0.04	−0.09 [−0.16; −0.02]	10.0%	10.0%
EGCUT (487)	0.038	0.07	0.04 [−0.09; 0.17]	3.1%	3.1%
KORA (1064)	−0.001	0.04	−0.00 [−0.08; 0.08]	7.5%	7.5%
NSPHS (866)	−0.092	0.05	−0.09 [−0.19; 0.00]	5.4%	5.4%
ORCADES (981)	−0.134	0.05	−0.13 [−0.22; −0.04]	6.4%	6.4%
RECOMBINE (446)	−0.093	0.06	−0.09 [−0.21; 0.03]	3.5%	3.5%
STABILITY (2951)	−0.077	0.03	−0.08 [−0.13; −0.03]	21.2%	21.2%
STANLEY (344)	−0.061	0.07	−0.06 [−0.20; 0.08]	2.5%	2.5%
STANLEY (300)	−0.120	0.08	−0.12 [−0.27; 0.03]	2.2%	2.2%
VIS (901)	−0.106	0.05	−0.11 [−0.20; −0.01]	6.0%	6.0%
Common effect model			**−0.07 [−0.10; −0.05]**	**100.0%**	**––**
Random effects model			**−0.07 [−0.10; −0.05]**	**––**	**100.0%**

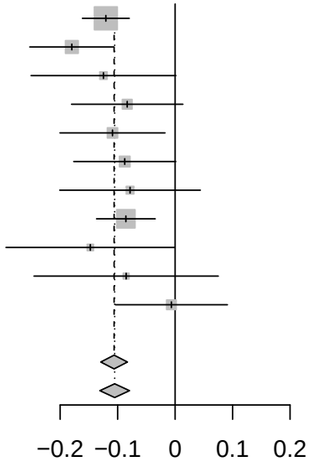


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.54

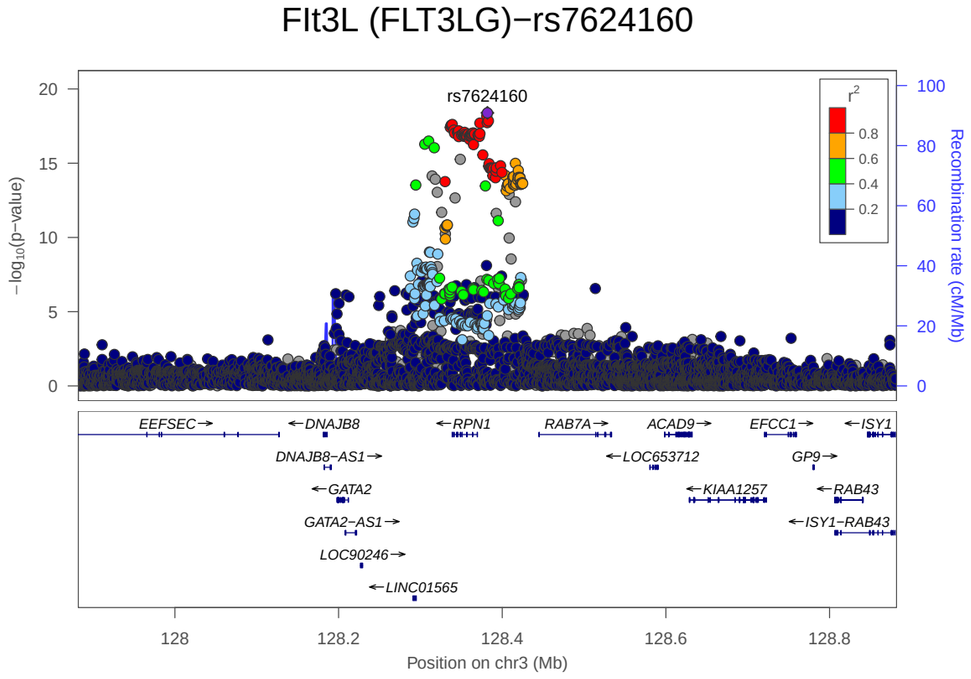


FIt3L (FLT3LG) [chr3:128381886_G_T (rs7624160) (T/G) N=14719]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.121	0.02	−0.12 [−0.16; −0.08]	32.6%	27.5%
BioFinder (1496)	−0.180	0.04	−0.18 [−0.25; −0.11]	10.1%	10.9%
EGCUT (487)	−0.125	0.06	−0.12 [−0.25; 0.00]	3.4%	4.0%
KORA (1064)	−0.083	0.05	−0.08 [−0.18; 0.01]	5.8%	6.6%
NSPHS (866)	−0.109	0.05	−0.11 [−0.20; −0.02]	6.5%	7.3%
ORCADES (981)	−0.088	0.05	−0.09 [−0.18; 0.00]	6.9%	7.7%
RECOMBINE (433)	−0.078	0.06	−0.08 [−0.20; 0.04]	3.6%	4.2%
STABILITY (2951)	−0.086	0.03	−0.09 [−0.14; −0.03]	20.8%	19.8%
STANLEY (344)	−0.147	0.07	−0.15 [−0.29; −0.00]	2.5%	3.0%
STANLEY (300)	−0.085	0.08	−0.09 [−0.25; 0.08]	2.1%	2.5%
VIS (901)	−0.006	0.05	−0.01 [−0.10; 0.09]	5.7%	6.5%
Common effect model			**−0.11 [−0.13; −0.08]**	**100.0%**	**––**
Random effects model			**−0.11 [−0.13; −0.08]**	**––**	**100.0%**

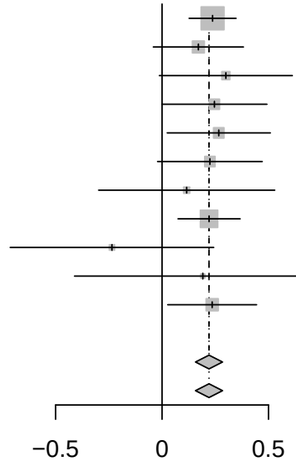


Heterogeneity: I^2 = 0%, τ^2 = 0.0002, p = 0.44

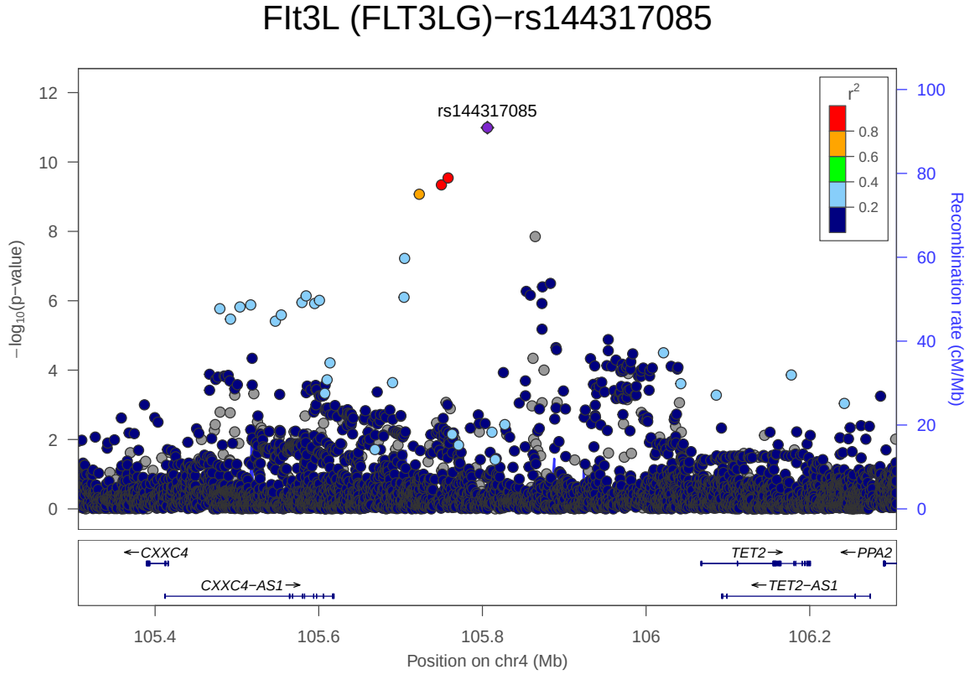


FIt3L (FLT3LG) [chr4:105806108_A_T (rs144317085) (A/T) N=14722]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.237	0.06	0.24 [0.13; 0.35]	33.2%	33.2%
BioFinder (1496)	0.171	0.11	0.17 [−0.04; 0.38]	9.0%	9.0%
EGCUT (487)	0.300	0.16	0.30 [−0.01; 0.61]	4.1%	4.1%
KORA (1064)	0.246	0.13	0.25 [−0.00; 0.49]	6.6%	6.6%
NSPHS (866)	0.266	0.12	0.27 [0.02; 0.51]	6.9%	6.9%
ORCADES (981)	0.225	0.13	0.22 [−0.02; 0.47]	6.7%	6.7%
RECOMBINE (436)	0.116	0.21	0.12 [−0.30; 0.53]	2.4%	2.4%
STABILITY (2951)	0.221	0.07	0.22 [0.07; 0.37]	19.0%	19.0%
STANLEY (344)	−0.235	0.24	−0.24 [−0.71; 0.24]	1.8%	1.8%
STANLEY (300)	0.192	0.31	0.19 [−0.41; 0.79]	1.1%	1.1%
VIS (901)	0.235	0.11	0.24 [0.03; 0.44]	9.3%	9.3%
Common effect model			**0.22 [0.16; 0.28]**	**100.0%**	**––**
Random effects model			**0.22 [0.16; 0.28]**	**––**	**100.0%**

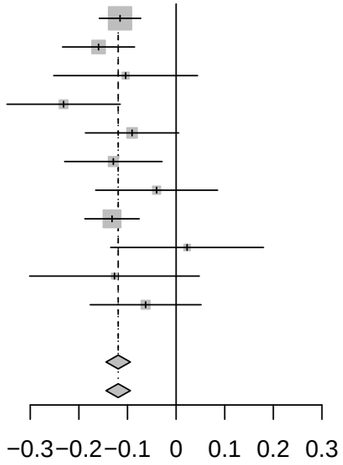


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.92

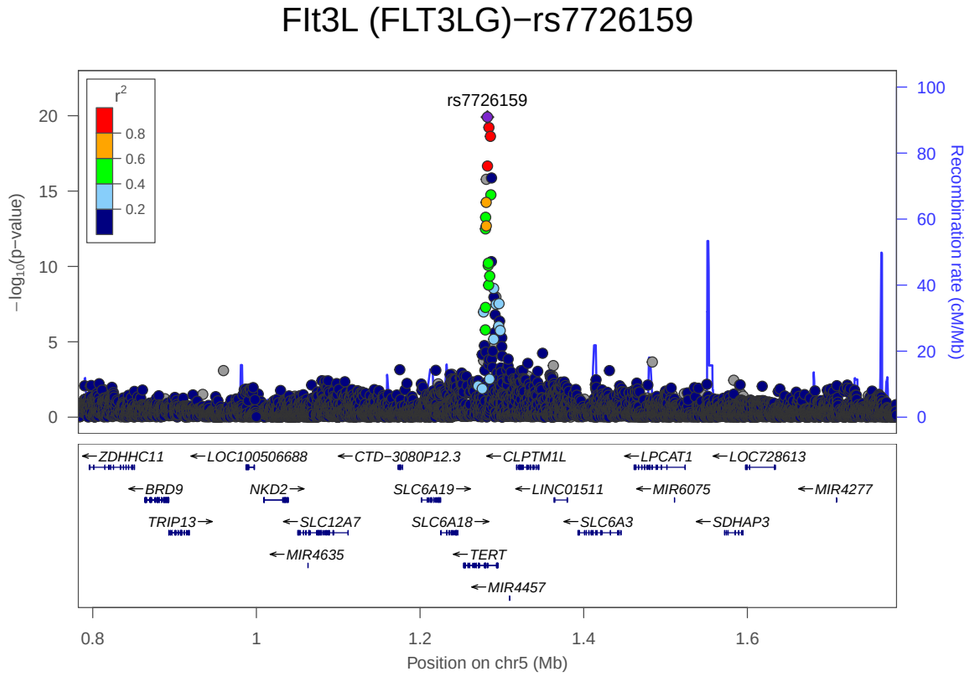


FIt3L (FLT3LG) [chr5:1282319_A_C (rs7726159) (A/C) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.115	0.02	−0.12 [−0.16; −0.07]	34.5%	34.4%
BioFinder (1496)	−0.160	0.04	−0.16 [−0.23; −0.09]	11.4%	11.4%
EGCUT (487)	−0.104	0.08	−0.10 [−0.25; 0.04]	2.9%	2.9%
KORA (1064)	−0.231	0.06	−0.23 [−0.35; −0.12]	4.6%	4.6%
NSPHS (866)	−0.091	0.05	−0.09 [−0.19; 0.01]	6.8%	6.8%
ORCADES (981)	−0.129	0.05	−0.13 [−0.23; −0.03]	6.2%	6.3%
RECOMBINE (447)	−0.040	0.06	−0.04 [−0.17; 0.09]	4.0%	4.0%
STABILITY (2951)	−0.132	0.03	−0.13 [−0.19; −0.08]	20.1%	20.1%
STANLEY (344)	0.023	0.08	0.02 [−0.13; 0.18]	2.5%	2.5%
STANLEY (300)	−0.127	0.09	−0.13 [−0.30; 0.05]	2.1%	2.1%
VIS (901)	−0.063	0.06	−0.06 [−0.18; 0.05]	4.8%	4.8%
Common effect model			**−0.12 [−0.14; −0.09]**	**100.0%**	**––**
Random effects model			**−0.12 [−0.14; −0.09]**	**––**	**100.0%**

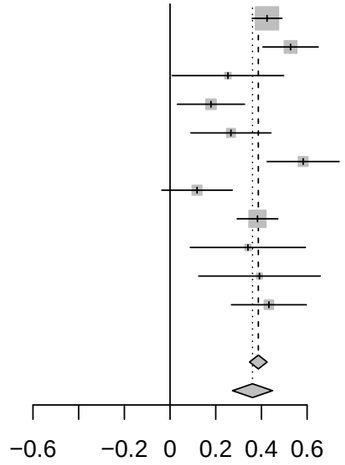


Heterogeneity: I^2 = 9%, τ^2 < 0.0001, p = 0.36

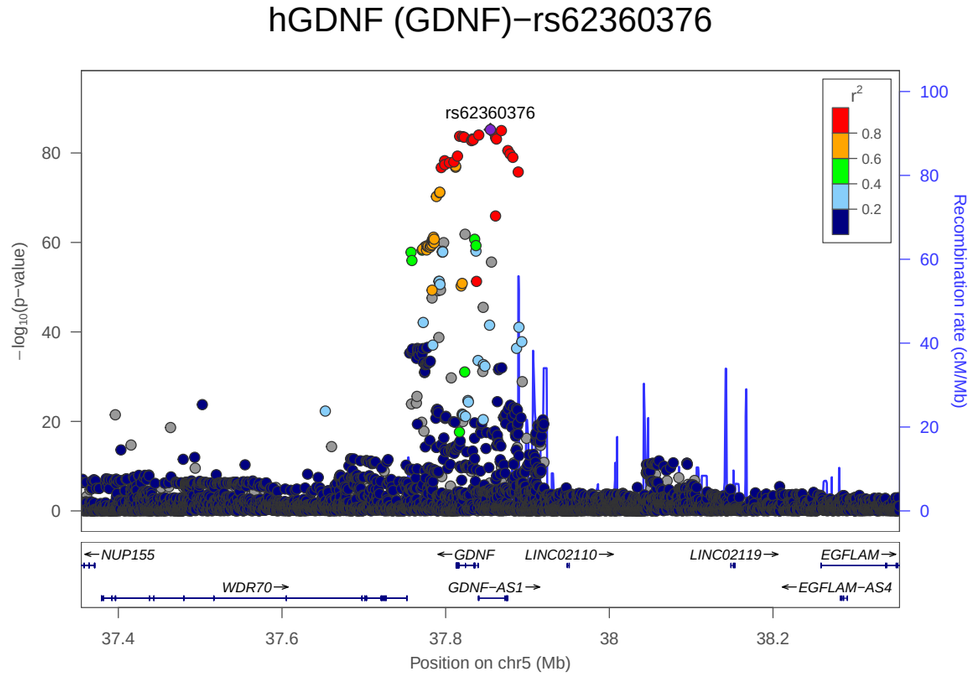


hGDNF (GDNF) [chr5:37854688_A_T (rs62360376) (A/T) N=14722]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.425	0.03	0.42 [0.36; 0.49]	34.8%	12.4%
BioFinder (1496)	0.528	0.06	0.53 [0.41; 0.65]	10.1%	10.6%
EGCUT (487)	0.253	0.12	0.25 [0.01; 0.50]	2.5%	6.6%
KORA (1064)	0.179	0.08	0.18 [0.03; 0.33]	6.9%	9.7%
NSPHS (866)	0.266	0.09	0.27 [0.09; 0.44]	4.8%	8.7%
ORCADES (982)	0.583	0.08	0.58 [0.42; 0.74]	6.0%	9.3%
RECOMBINE (434)	0.118	0.08	0.12 [−0.04; 0.27]	6.2%	9.4%
STABILITY (2951)	0.383	0.05	0.38 [0.29; 0.47]	18.7%	11.7%
STANLEY (344)	0.341	0.13	0.34 [0.09; 0.59]	2.3%	6.3%
STANLEY (300)	0.392	0.14	0.39 [0.13; 0.66]	2.1%	6.0%
VIS (902)	0.433	0.08	0.43 [0.27; 0.60]	5.5%	9.1%
Common effect model			**0.39 [0.35; 0.43]**	**100.0%**	**––**
Random effects model			**0.36 [0.27; 0.45]**	**––**	**100.0%**

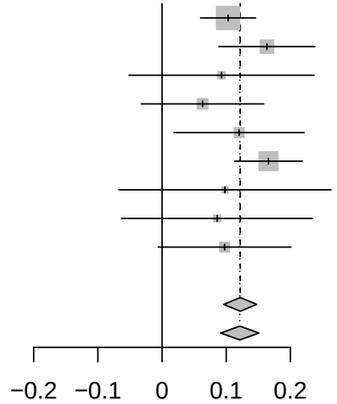


Heterogeneity: I^2 = 71%, τ^2 = 0.0150, p < 0.01



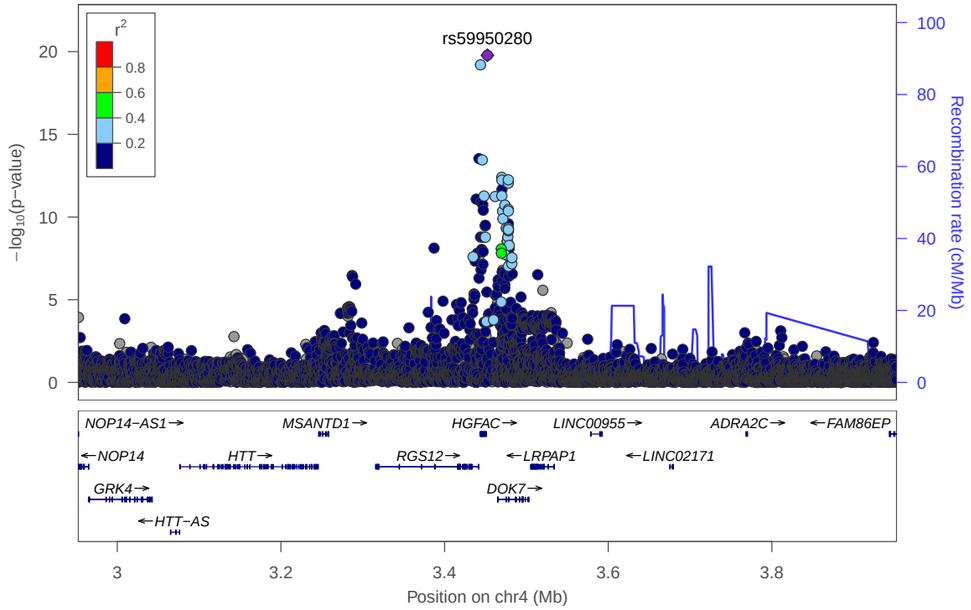
HGF (HGF) [chr4:3452345_A_G (rs59950280) (A/G) N=13222]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.103	0.02	0.10 [0.06; 0.15]	36.0%	29.4%
BioFinder (1496)	0.163	0.04	0.16 [0.09; 0.24]	11.8%	13.1%
EGCUT (487)	0.093	0.07	0.09 [−0.05; 0.24]	3.2%	4.1%
NSPHS (866)	0.063	0.05	0.06 [−0.03; 0.16]	7.3%	8.7%
ORCADES (980)	0.120	0.05	0.12 [0.02; 0.22]	6.4%	7.8%
STABILITY (2951)	0.166	0.03	0.17 [0.11; 0.22]	23.7%	22.4%
STANLEY (344)	0.098	0.08	0.10 [−0.07; 0.26]	2.4%	3.1%
STANLEY (300)	0.086	0.08	0.09 [−0.06; 0.23]	3.0%	3.8%
VIS (902)	0.097	0.05	0.10 [−0.01; 0.20]	6.2%	7.5%
Common effect model			**0.12 [0.10; 0.15]**	**100.0%**	**––**
Random effects model			**0.12 [0.09; 0.15]**	**––**	**100.0%**



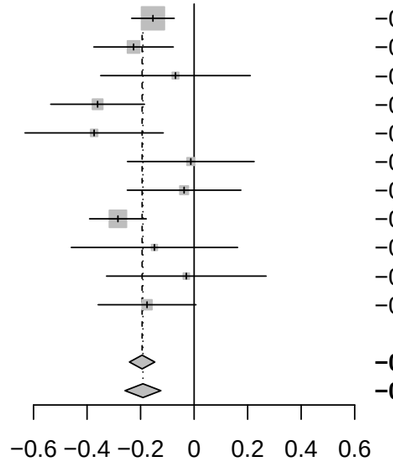
Heterogeneity: I^2 = 0%, τ^2 = 0.0003, p = 0.57

HGF (HGF)−rs59950280

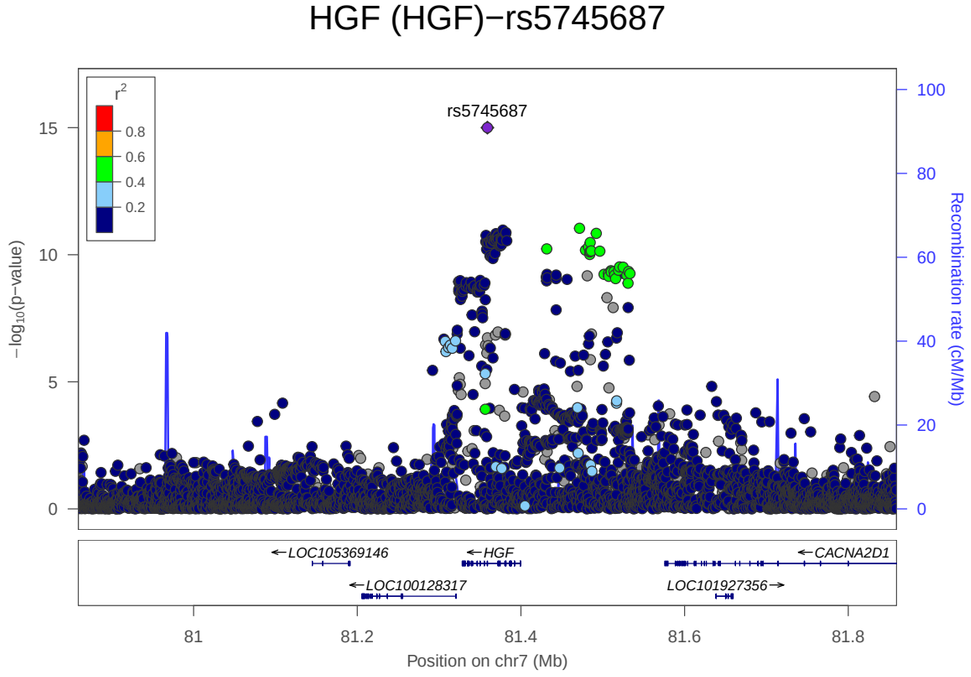


HGF (HGF) [chr7:81359051_C_T (rs5745687) (T/C) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.154	0.04	−0.15 [−0.23; −0.07]	35.6%	20.4%
BioFinder (1496)	−0.226	0.08	−0.23 [−0.37; −0.08]	10.2%	11.9%
EGCUT (487)	−0.070	0.14	−0.07 [−0.35; 0.21]	2.9%	4.8%
KORA (1064)	−0.361	0.09	−0.36 [−0.54; −0.19]	7.3%	9.7%
NSPHS (866)	−0.374	0.13	−0.37 [−0.63; −0.12]	3.4%	5.4%
ORCADES (980)	−0.012	0.12	−0.01 [−0.25; 0.22]	4.0%	6.3%
RECOMBINE (447)	−0.037	0.11	−0.04 [−0.25; 0.17]	5.0%	7.4%
STABILITY (2951)	−0.285	0.05	−0.28 [−0.39; −0.18]	20.0%	16.7%
STANLEY (344)	−0.148	0.16	−0.15 [−0.46; 0.16]	2.3%	4.0%
STANLEY (300)	−0.029	0.15	−0.03 [−0.33; 0.27]	2.5%	4.3%
VIS (902)	−0.176	0.09	−0.18 [−0.36; 0.01]	6.7%	9.1%
Common effect model			**−0.19 [−0.24; −0.15]**	**100.0%**	**––**
Random effects model			**−0.19 [−0.26; −0.12]**	**––**	**100.0%**

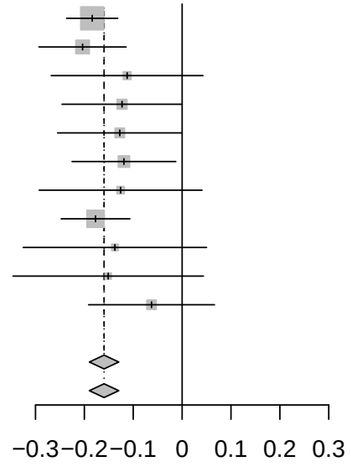


Heterogeneity: I^2 = 36%, τ^2 = 0.0041, p = 0.11

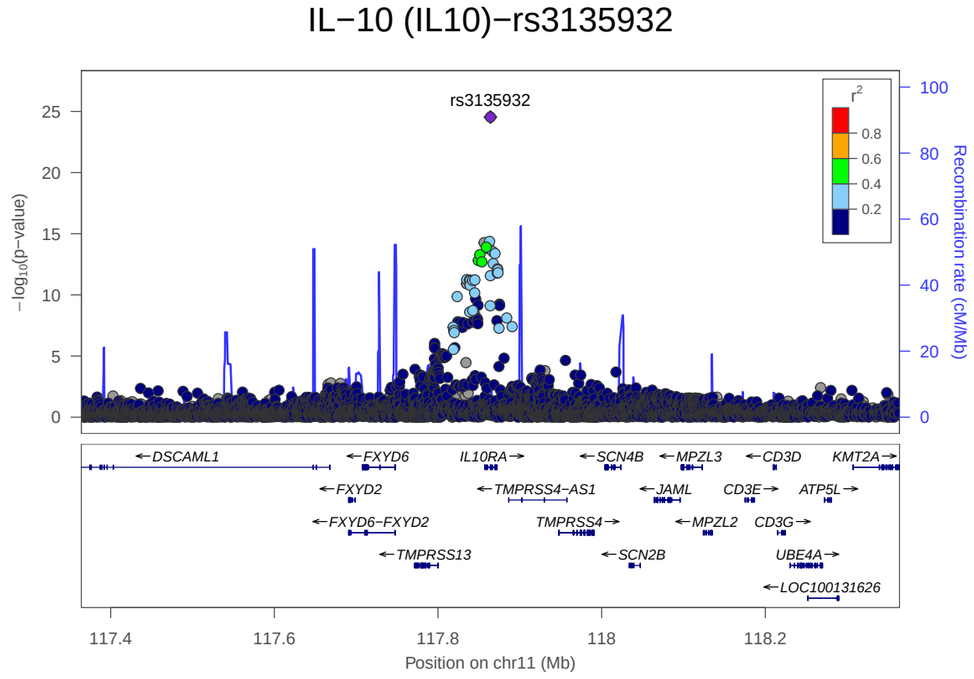


IL−10 (IL10) [chr11:117864063_A_G (rs3135932) (A/G) N=14744]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.184	0.03	−0.18 [−0.24; −0.13]	33.1%	33.1%
BioFinder (1496)	−0.204	0.05	−0.20 [−0.29; −0.11]	11.4%	11.4%
EGCUT (487)	−0.113	0.08	−0.11 [−0.27; 0.04]	3.8%	3.8%
KORA (1064)	−0.123	0.06	−0.12 [−0.25; −0.00]	6.0%	6.0%
NSPHS (874)	−0.128	0.06	−0.13 [−0.25; −0.00]	5.6%	5.6%
ORCADES (982)	−0.119	0.05	−0.12 [−0.23; −0.01]	8.1%	8.1%
RECOMBINE (448)	−0.126	0.09	−0.13 [−0.29; 0.04]	3.3%	3.3%
STABILITY (2951)	−0.177	0.04	−0.18 [−0.25; −0.11]	18.3%	18.3%
STANLEY (344)	−0.138	0.10	−0.14 [−0.33; 0.05]	2.6%	2.6%
STANLEY (300)	−0.151	0.10	−0.15 [−0.35; 0.04]	2.4%	2.4%
VIS (902)	−0.063	0.07	−0.06 [−0.19; 0.07]	5.5%	5.5%
Common effect model			**−0.16 [−0.19; −0.13]**	**100.0%**	**––**
Random effects model			**−0.16 [−0.19; −0.13]**	**––**	**100.0%**

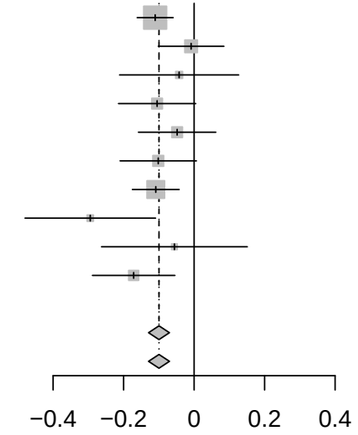


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.82

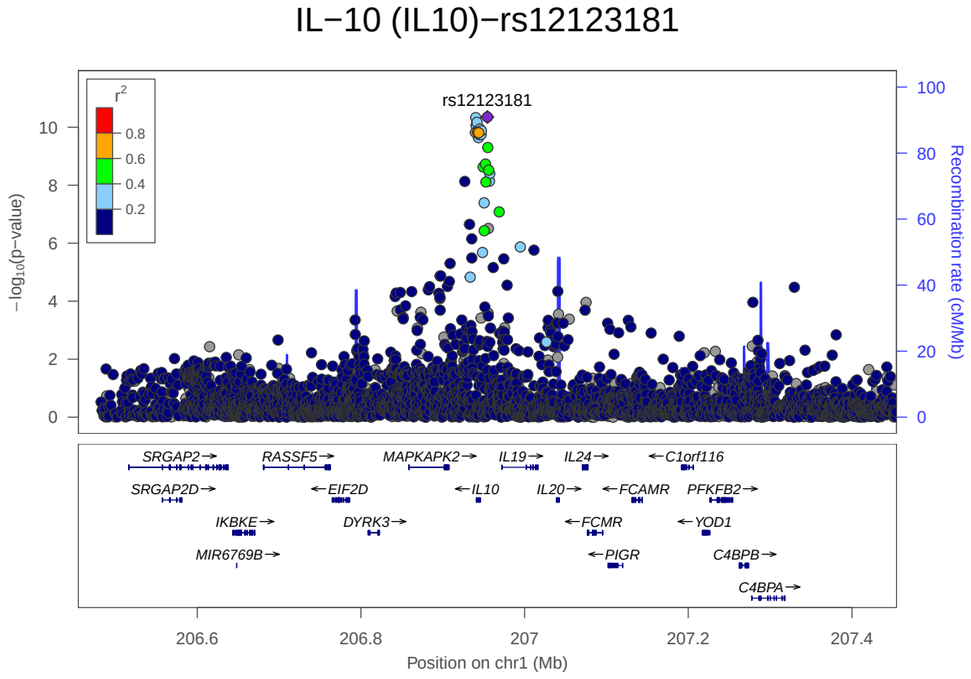


IL−10 (IL10) [chr1:206954566_A_G (rs12123181) (A/G) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.111	0.03	−0.11 [−0.16; −0.06]	33.7%	33.6%
BioFinder (1496)	−0.009	0.05	−0.01 [−0.10; 0.08]	10.2%	10.2%
EGCUT (487)	−0.043	0.09	−0.04 [−0.21; 0.13]	3.1%	3.1%
KORA (1064)	−0.105	0.06	−0.10 [−0.21; 0.00]	7.3%	7.3%
NSPHS (874)	−0.048	0.06	−0.05 [−0.16; 0.06]	7.3%	7.3%
ORCADES (982)	−0.102	0.06	−0.10 [−0.21; 0.01]	7.5%	7.5%
STABILITY (2951)	−0.109	0.03	−0.11 [−0.18; −0.04]	19.9%	19.9%
STANLEY (344)	−0.295	0.09	−0.29 [−0.48; −0.11]	2.6%	2.6%
STANLEY (300)	−0.056	0.11	−0.06 [−0.26; 0.15]	2.1%	2.1%
VIS (902)	−0.171	0.06	−0.17 [−0.29; −0.05]	6.4%	6.4%
Common effect model			**−0.10 [−0.13; −0.07]**	**100.0%**	**––**
Random effects model			**−0.10 [−0.13; −0.07]**	**––**	**100.0%**

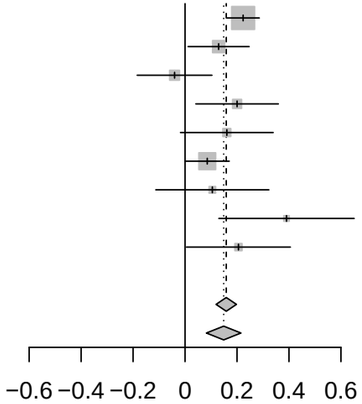


Heterogeneity: I^2 = 19%, τ^2 < 0.0001, p = 0.27



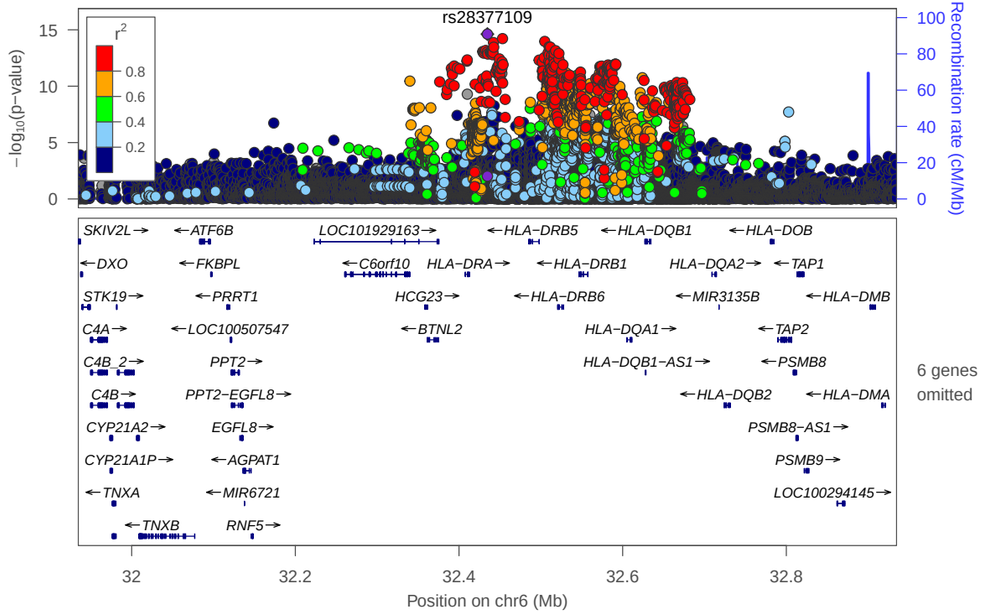
IL−10 (IL10) [chr6:32434716_A_C (rs28377109) (A/C) N=13383]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.224	0.03	0.22 [0.16; 0.29]	39.7%	19.7%
BioFinder (1496)	0.129	0.06	0.13 [0.01; 0.25]	11.1%	13.6%
KORA (1064)	−0.040	0.07	−0.04 [−0.18; 0.10]	7.4%	11.3%
ORCADES (982)	0.200	0.08	0.20 [0.04; 0.36]	6.1%	10.1%
RECOMBINE (448)	0.161	0.09	0.16 [−0.02; 0.34]	4.8%	8.8%
STABILITY (2951)	0.085	0.04	0.09 [0.00; 0.17]	21.4%	17.2%
STANLEY (344)	0.105	0.11	0.10 [−0.11; 0.32]	3.3%	6.7%
STANLEY (300)	0.391	0.13	0.39 [0.13; 0.65]	2.3%	5.1%
VIS (902)	0.206	0.10	0.21 [0.01; 0.41]	3.9%	7.6%
Common effect model			**0.16 [0.12; 0.20]**	**100.0%**	**––**
Random effects model			**0.15 [0.08; 0.22]**	**––**	**100.0%**



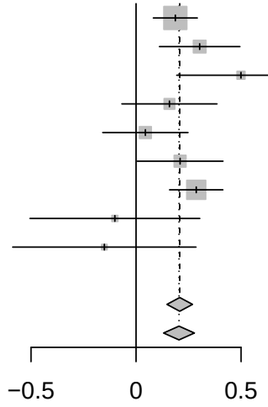
Heterogeneity: I^2 = 56%, τ^2 = 0.0048, p = 0.02

IL−10 (IL10)−rs28377109

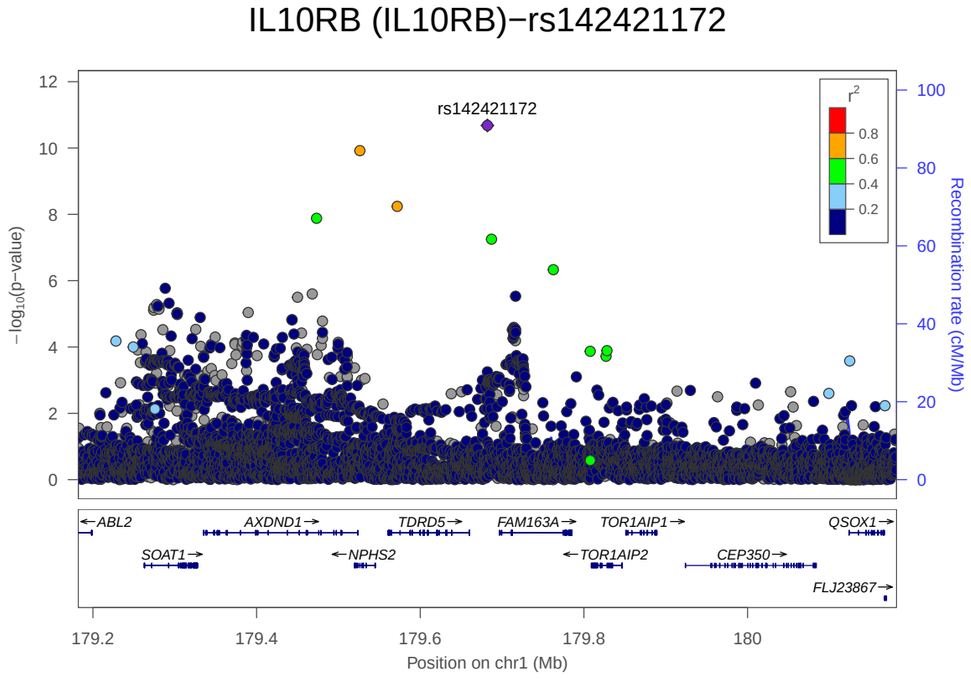


IL10RB (IL10RB) [chr1:179682087_A_G (rs142421172) (A/G) N=12840]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.187	0.05	0.19 [0.08; 0.29]	33.7%	26.3%
BioFinder (1496)	0.303	0.10	0.30 [0.11; 0.49]	10.1%	11.7%
EGCUT (487)	0.499	0.16	0.50 [0.19; 0.81]	4.0%	5.2%
KORA (1064)	0.159	0.12	0.16 [−0.07; 0.39]	7.2%	8.9%
NSPHS (866)	0.044	0.10	0.04 [−0.16; 0.25]	9.0%	10.6%
RECOMBINE (436)	0.210	0.10	0.21 [0.01; 0.41]	8.9%	10.5%
STABILITY (2951)	0.286	0.06	0.29 [0.16; 0.41]	23.0%	21.0%
STANLEY (344)	−0.101	0.21	−0.10 [−0.51; 0.30]	2.3%	3.1%
STANLEY (300)	−0.151	0.22	−0.15 [−0.59; 0.29]	1.9%	2.7%
Common effect model			**0.21 [0.15; 0.27]**	**100.0%**	**––**
Random effects model			**0.20 [0.13; 0.28]**	**––**	**100.0%**

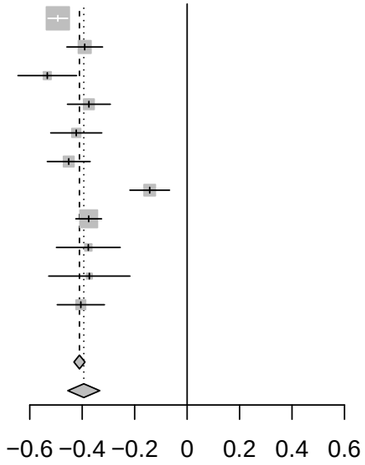


Heterogeneity: I^2 = 41%, τ^2 = 0.0025, p = 0.09

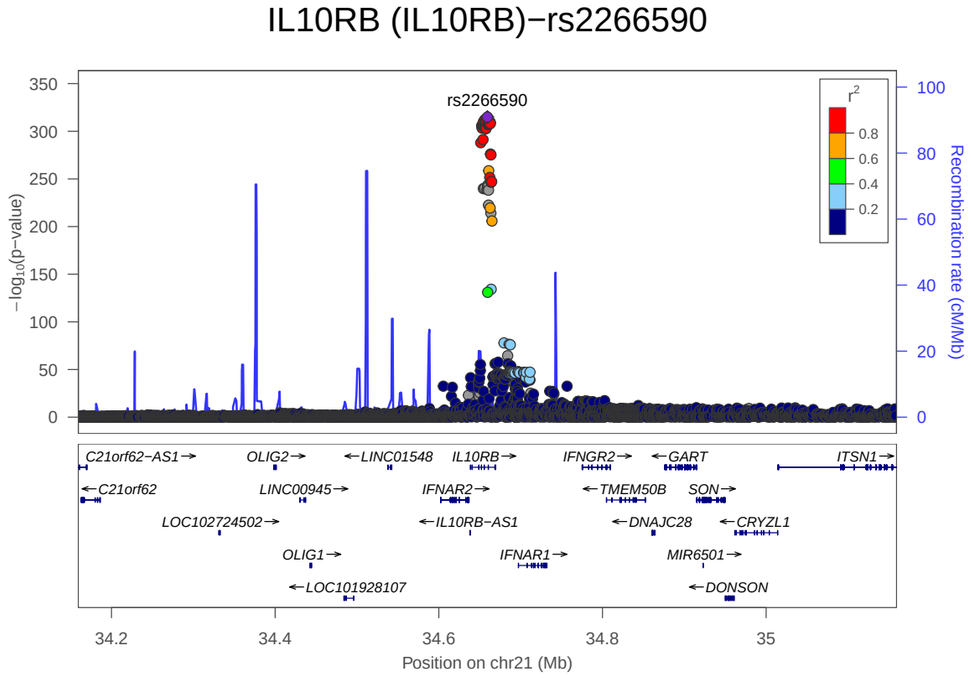


IL10RB (IL10RB) [chr21:34659396_A_G (rs2266590) (A/G) N=14714]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.493	0.02	−0.49 [−0.53; −0.46]	31.7%	10.8%
BioFinder (1496)	−0.390	0.03	−0.39 [−0.46; −0.32]	9.7%	9.9%
EGCUT (487)	−0.533	0.06	−0.53 [−0.64; −0.42]	3.6%	8.2%
KORA (1064)	−0.374	0.04	−0.37 [−0.46; −0.29]	6.7%	9.4%
NSPHS (866)	−0.423	0.05	−0.42 [−0.52; −0.33]	4.7%	8.8%
ORCADES (981)	−0.451	0.04	−0.45 [−0.53; −0.37]	6.7%	9.4%
RECOMBINE (428)	−0.143	0.04	−0.14 [−0.22; −0.07]	7.8%	9.6%
STABILITY (2951)	−0.375	0.03	−0.38 [−0.42; −0.33]	18.6%	10.5%
STANLEY (344)	−0.377	0.06	−0.38 [−0.50; −0.25]	3.0%	7.8%
STANLEY (300)	−0.373	0.08	−0.37 [−0.53; −0.22]	1.9%	6.5%
VIS (901)	−0.405	0.05	−0.41 [−0.50; −0.32]	5.5%	9.1%
Common effect model			**−0.41 [−0.43; −0.39]**	**100.0%**	**––**
Random effects model			**−0.39 [−0.45; −0.33]**	**––**	**100.0%**

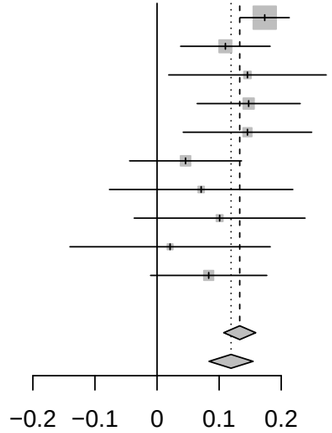


Heterogeneity: I^2 = 87%, τ^2 = 0.0086, p < 0.01

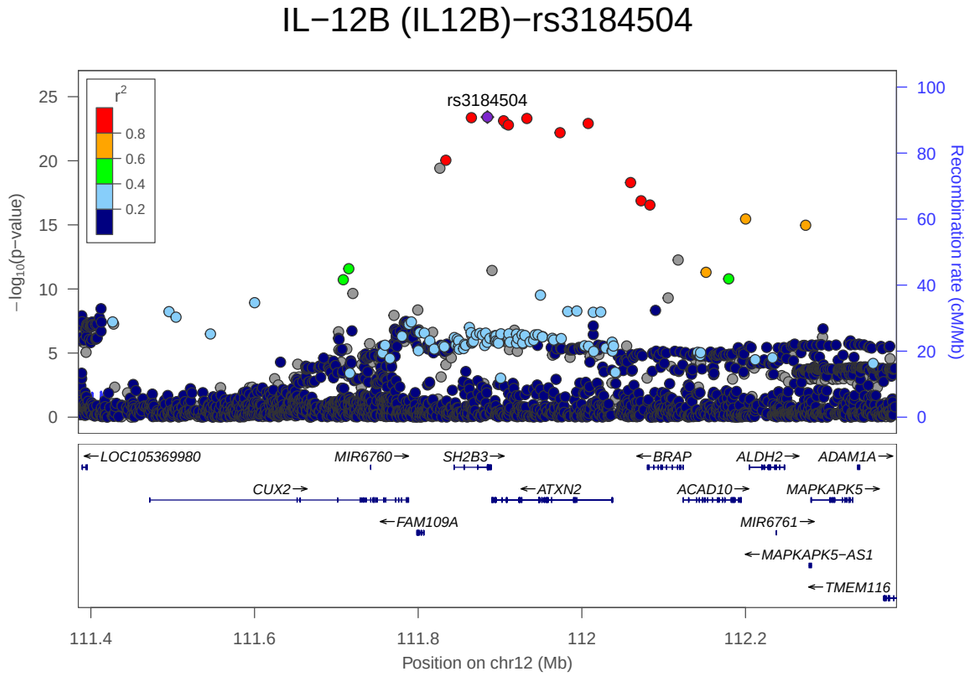


IL−12B (IL12B) [chr12:111884608_C_T (rs3184504) (T/C) N=11785]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.173	0.02	0.17 [0.13; 0.21]	42.4%	23.7%
BioFinder (1496)	0.110	0.04	0.11 [0.04; 0.18]	12.8%	14.1%
EGCUT (487)	0.146	0.06	0.15 [0.02; 0.27]	4.1%	6.3%
KORA (1064)	0.148	0.04	0.15 [0.06; 0.23]	9.6%	11.8%
NSPHS (866)	0.146	0.05	0.15 [0.04; 0.25]	6.2%	8.7%
ORCADES (982)	0.046	0.05	0.05 [−0.04; 0.14]	8.2%	10.6%
RECOMBINE (448)	0.071	0.08	0.07 [−0.08; 0.22]	3.0%	4.9%
STANLEY (344)	0.101	0.07	0.10 [−0.04; 0.24]	3.5%	5.5%
STANLEY (300)	0.021	0.08	0.02 [−0.14; 0.18]	2.5%	4.2%
VIS (902)	0.083	0.05	0.08 [−0.01; 0.18]	7.6%	10.1%
Common effect model			**0.13 [0.11; 0.16]**	**100.0%**	**−−**
Random effects model			**0.12 [0.08; 0.15]**	**−−**	**100.0%**

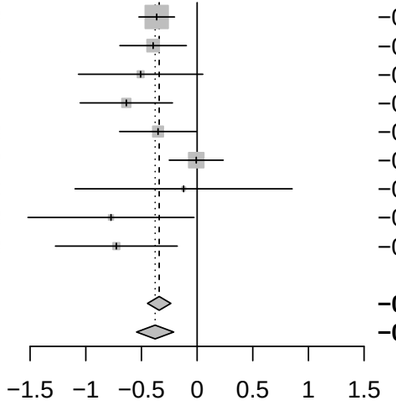


Heterogeneity: I^2 = 25%, τ^2 = 0.0010, p = 0.21



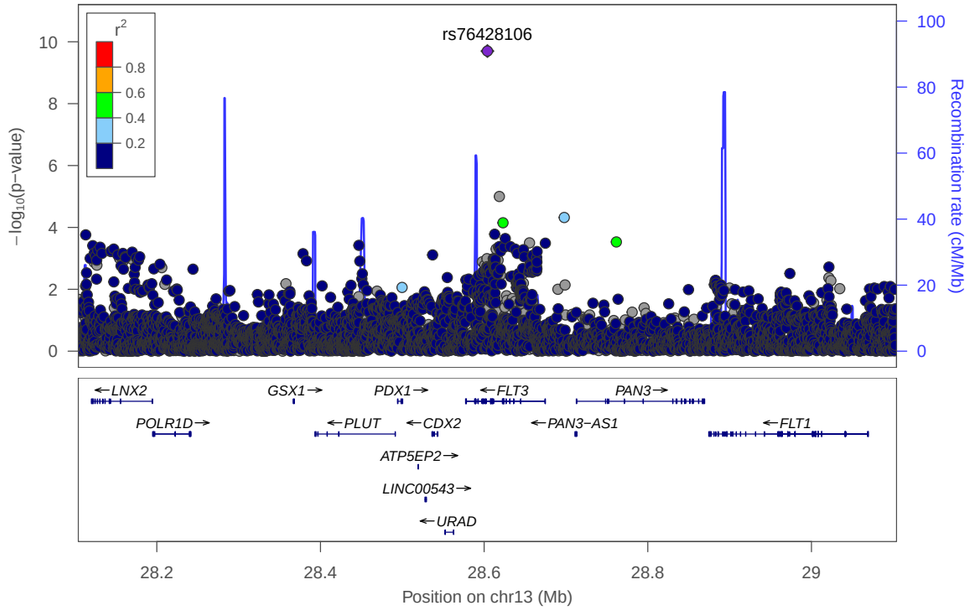
IL−12B (IL12B) [chr13:28604007_C_T (rs76428106) (T/C) N=13800]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.363	0.08	−0.36 [−0.52; −0.20]	43.0%	22.9%
BioFinder (1496)	−0.395	0.15	−0.40 [−0.69; −0.10]	12.3%	15.0%
KORA (1064)	−0.507	0.29	−0.51 [−1.07; 0.05]	3.5%	6.8%
NSPHS (866)	−0.636	0.21	−0.64 [−1.05; −0.22]	6.4%	10.4%
ORCADES (982)	−0.351	0.18	−0.35 [−0.70; −0.01]	9.2%	12.9%
STABILITY (2950)	−0.008	0.12	−0.01 [−0.25; 0.23]	18.7%	18.0%
STANLEY (344)	−0.121	0.50	−0.12 [−1.10; 0.85]	1.2%	2.7%
STANLEY (300)	−0.774	0.38	−0.77 [−1.52; −0.03]	2.0%	4.3%
VIS (902)	−0.726	0.28	−0.73 [−1.27; −0.18]	3.7%	7.0%
Common effect model			**−0.34 [−0.45; −0.24]**	**100.0%**	**––**
Random effects model			**−0.38 [−0.54; −0.21]**	**––**	**100.0%**



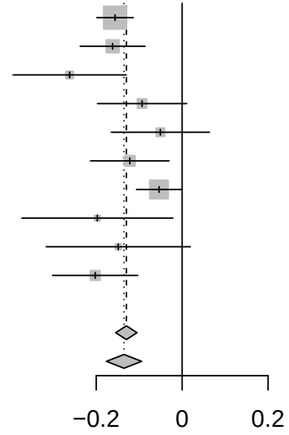
Heterogeneity: I^2 = 39%, τ^2 = 0.0249, p = 0.11

IL−12B (IL12B)−rs76428106

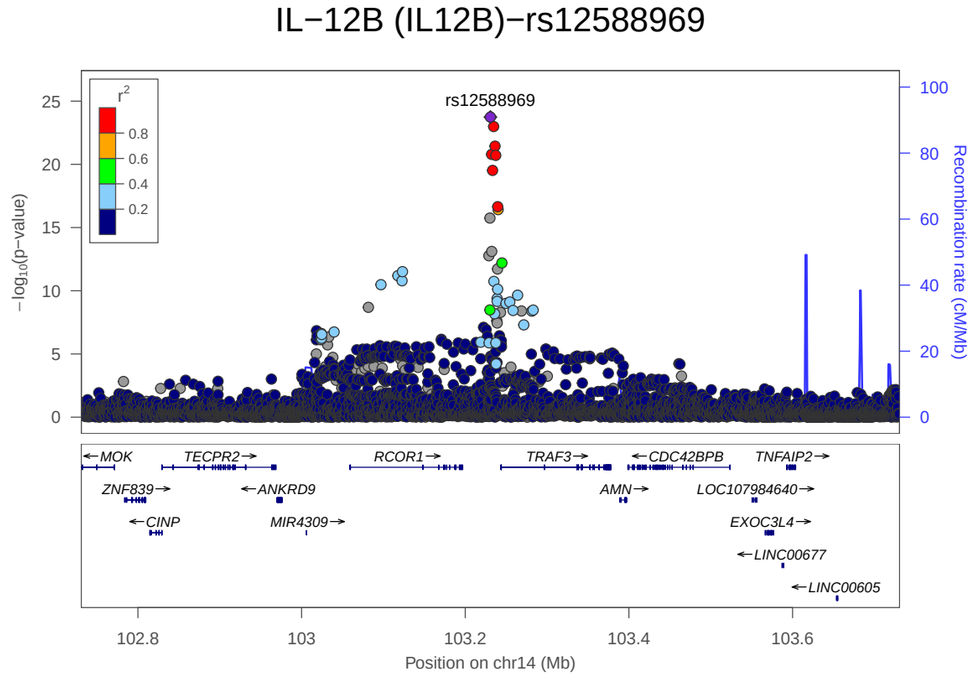


IL−12B (IL12B) [chr14:103230758_C_G (rs12588969) (C/G) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.156	0.02	−0.16 [−0.20; −0.11]	34.6%	17.9%
BioFinder (1496)	−0.162	0.04	−0.16 [−0.24; −0.09]	10.8%	12.6%
EGCUT (487)	−0.262	0.07	−0.26 [−0.39; −0.13]	3.6%	6.7%
KORA (1064)	−0.093	0.05	−0.09 [−0.20; 0.01]	5.8%	9.1%
NSPHS (866)	−0.051	0.06	−0.05 [−0.16; 0.06]	4.8%	8.1%
ORCADES (982)	−0.122	0.05	−0.12 [−0.21; −0.03]	7.4%	10.5%
STABILITY (2950)	−0.054	0.03	−0.05 [−0.11; −0.00]	22.6%	16.2%
STANLEY (344)	−0.197	0.09	−0.20 [−0.37; −0.02]	2.0%	4.4%
STANLEY (300)	−0.149	0.09	−0.15 [−0.32; 0.02]	2.2%	4.7%
VIS (902)	−0.202	0.05	−0.20 [−0.30; −0.10]	6.3%	9.6%
Common effect model			**−0.13 [−0.15; −0.10]**	**100.0%**	**––**
Random effects model			**−0.14 [−0.18; −0.09]**	**––**	**100.0%**

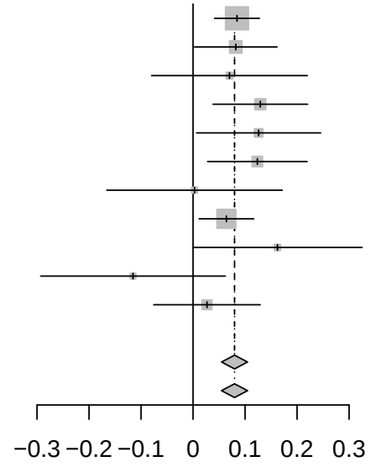


Heterogeneity: I^2 = 53%, τ^2 = 0.0020, p = 0.02

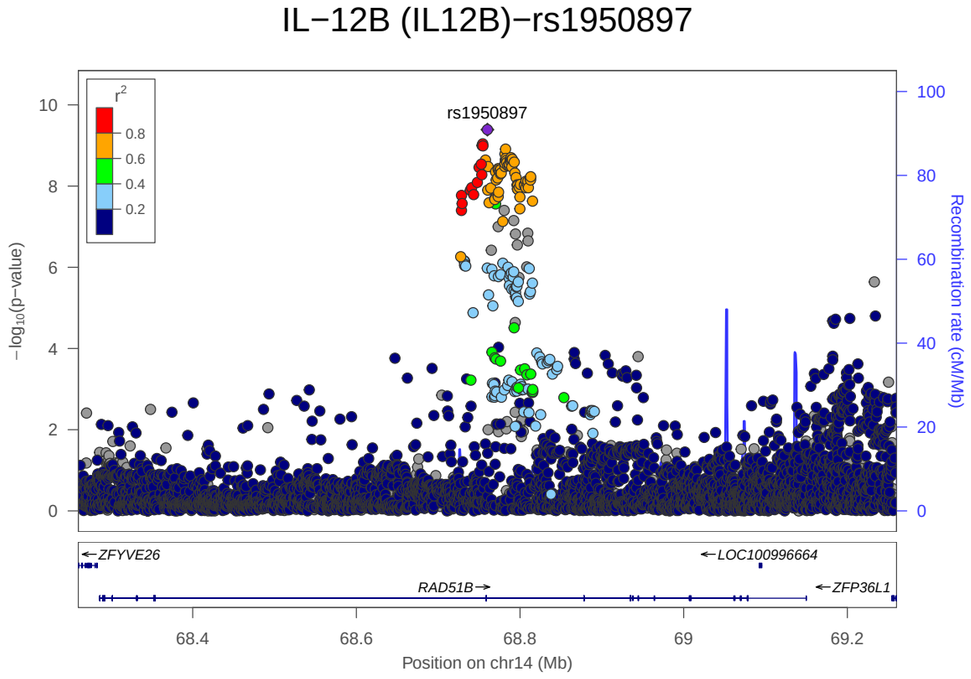


IL−12B (IL12B) [chr14:68760141_C_T (rs1950897) (T/C) N=14735]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.085	0.02	0.08 [0.04; 0.13]	33.4%	33.2%
BioFinder (1496)	0.082	0.04	0.08 [0.00; 0.16]	9.9%	10.0%
EGCUT (487)	0.070	0.08	0.07 [−0.08; 0.22]	2.8%	2.8%
KORA (1064)	0.129	0.05	0.13 [0.04; 0.22]	7.6%	7.6%
NSPHS (866)	0.126	0.06	0.13 [0.01; 0.25]	4.4%	4.4%
ORCADES (982)	0.124	0.05	0.12 [0.03; 0.22]	6.8%	6.9%
RECOMBINE (448)	0.003	0.09	0.00 [−0.17; 0.17]	2.2%	2.2%
STABILITY (2950)	0.064	0.03	0.06 [0.01; 0.12]	22.7%	22.6%
STANLEY (344)	0.162	0.08	0.16 [−0.00; 0.33]	2.4%	2.4%
STANLEY (300)	−0.115	0.09	−0.12 [−0.29; 0.06]	2.0%	2.0%
VIS (902)	0.027	0.05	0.03 [−0.08; 0.13]	6.0%	6.0%
Common effect model			**0.08 [0.05; 0.10]**	**100.0%**	**––**
Random effects model			**0.08 [0.05; 0.10]**	**––**	**100.0%**

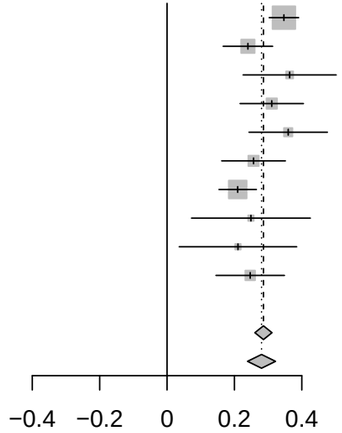


Heterogeneity: I^2 = 4%, τ^2 < 0.0001, p = 0.41

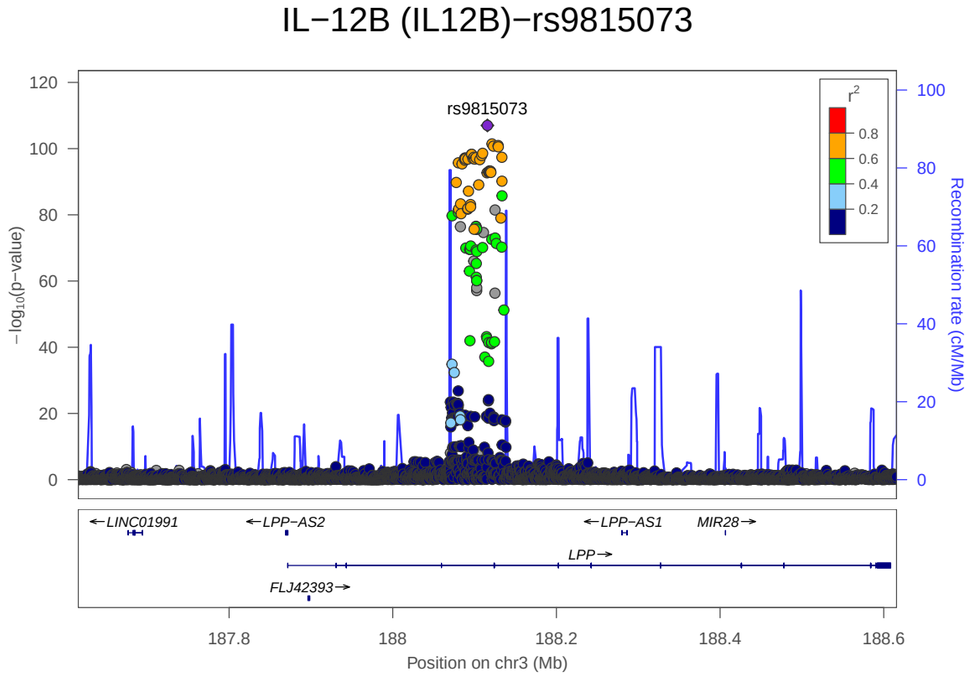


IL−12B (IL12B) [chr3:188115682_A_C (rs9815073) (A/C) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.347	0.02	0.35 [0.30; 0.39]	33.9%	17.7%
BioFinder (1496)	0.240	0.04	0.24 [0.17; 0.31]	12.0%	13.0%
EGCUT (487)	0.364	0.07	0.36 [0.23; 0.50]	3.4%	6.4%
KORA (1064)	0.311	0.05	0.31 [0.22; 0.40]	7.3%	10.3%
NSPHS (866)	0.360	0.06	0.36 [0.24; 0.48]	4.8%	8.1%
ORCADES (982)	0.257	0.05	0.26 [0.16; 0.35]	7.2%	10.3%
STABILITY (2950)	0.210	0.03	0.21 [0.15; 0.27]	21.0%	15.8%
STANLEY (344)	0.249	0.09	0.25 [0.07; 0.43]	2.1%	4.4%
STANLEY (300)	0.210	0.09	0.21 [0.04; 0.38]	2.1%	4.5%
VIS (902)	0.247	0.05	0.25 [0.15; 0.35]	6.3%	9.5%
Common effect model			**0.29 [0.26; 0.31]**	**100.0%**	**––**
Random effects model			**0.28 [0.24; 0.32]**	**––**	**100.0%**

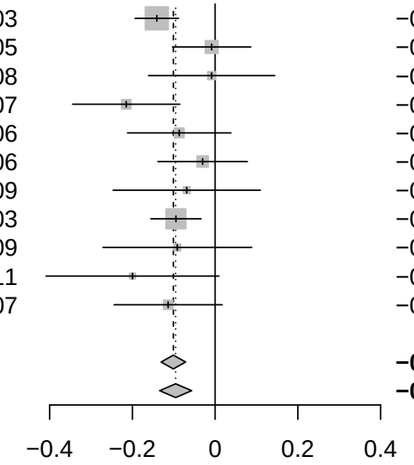


Heterogeneity: I^2 = 57%, τ^2 = 0.0021, p = 0.01

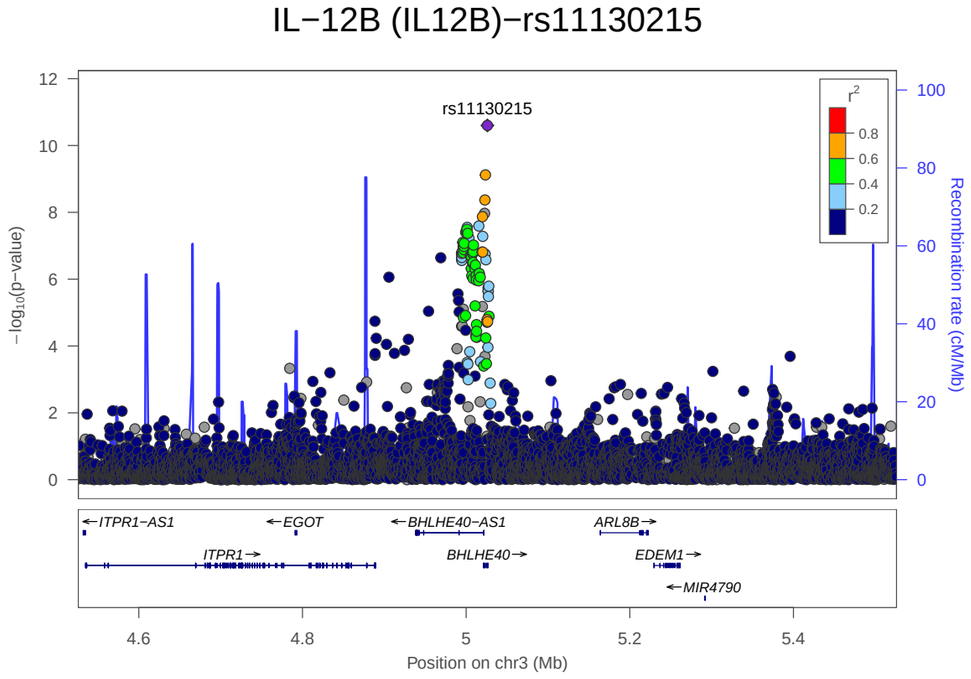


IL−12B (IL12B) [chr3:5026008_A_G (rs11130215) (A/G) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.141	0.03	−0.14 [−0.19; −0.09]	31.8%	21.5%
BioFinder (1496)	−0.008	0.05	−0.01 [−0.10; 0.09]	9.8%	11.4%
EGCUT (487)	−0.008	0.08	−0.01 [−0.16; 0.14]	3.8%	5.5%
KORA (1064)	−0.215	0.07	−0.21 [−0.34; −0.09]	5.2%	7.1%
NSPHS (866)	−0.087	0.06	−0.09 [−0.21; 0.04]	5.6%	7.6%
ORCADES (982)	−0.030	0.06	−0.03 [−0.14; 0.08]	7.5%	9.4%
RECOMBINE (446)	−0.069	0.09	−0.07 [−0.25; 0.11]	2.8%	4.2%
STABILITY (2950)	−0.095	0.03	−0.09 [−0.16; −0.03]	23.7%	18.9%
STANLEY (344)	−0.091	0.09	−0.09 [−0.27; 0.09]	2.7%	4.1%
STANLEY (300)	−0.200	0.11	−0.20 [−0.41; 0.01]	2.0%	3.1%
VIS (902)	−0.114	0.07	−0.11 [−0.24; 0.02]	5.1%	7.1%
Common effect model			**−0.10 [−0.13; −0.07]**	**100.0%**	**––**
Random effects model			**−0.10 [−0.13; −0.06]**	**––**	**100.0%**

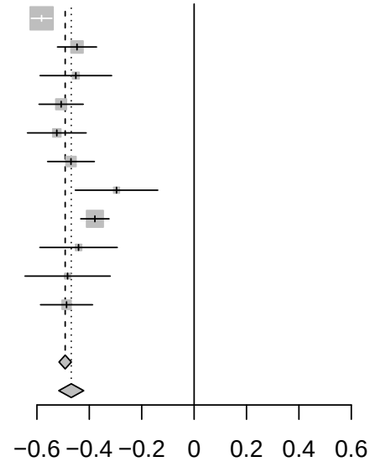


Heterogeneity: I^2 = 23%, τ^2 = 0.0011, p = 0.22

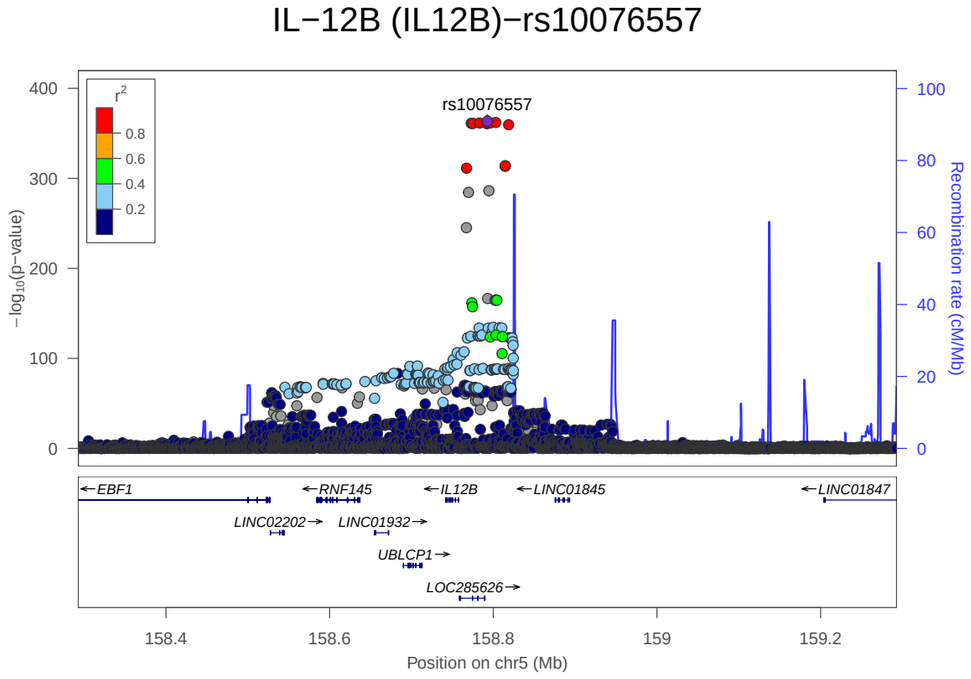


IL−12B (IL12B) [chr5:158792819_C_G (rs10076557) (C/G) N=14720]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.582	0.02	−0.58 [−0.62; −0.54]	36.0%	13.9%
BioFinder (1496)	−0.447	0.04	−0.45 [−0.52; −0.37]	10.0%	11.2%
EGCUT (487)	−0.451	0.07	−0.45 [−0.59; −0.31]	3.0%	6.8%
KORA (1064)	−0.508	0.04	−0.51 [−0.59; −0.42]	7.8%	10.4%
NSPHS (866)	−0.524	0.06	−0.52 [−0.64; −0.41]	4.5%	8.3%
ORCADES (982)	−0.470	0.05	−0.47 [−0.56; −0.38]	7.0%	10.0%
RECOMBINE (433)	−0.296	0.08	−0.30 [−0.45; −0.14]	2.3%	5.7%
STABILITY (2950)	−0.379	0.03	−0.38 [−0.43; −0.32]	19.1%	12.8%
STANLEY (344)	−0.441	0.08	−0.44 [−0.59; −0.29]	2.6%	6.2%
STANLEY (300)	−0.483	0.08	−0.48 [−0.65; −0.32]	2.1%	5.5%
VIS (902)	−0.487	0.05	−0.49 [−0.59; −0.39]	5.7%	9.2%
Common effect model			**−0.49 [−0.52; −0.47]**	**100.0%**	**––**
Random effects model			**−0.47 [−0.52; −0.42]**	**––**	**100.0%**

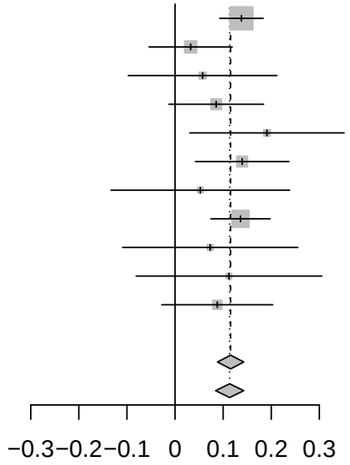


Heterogeneity: I^2 = 78%, τ^2 = 0.0038, p < 0.01

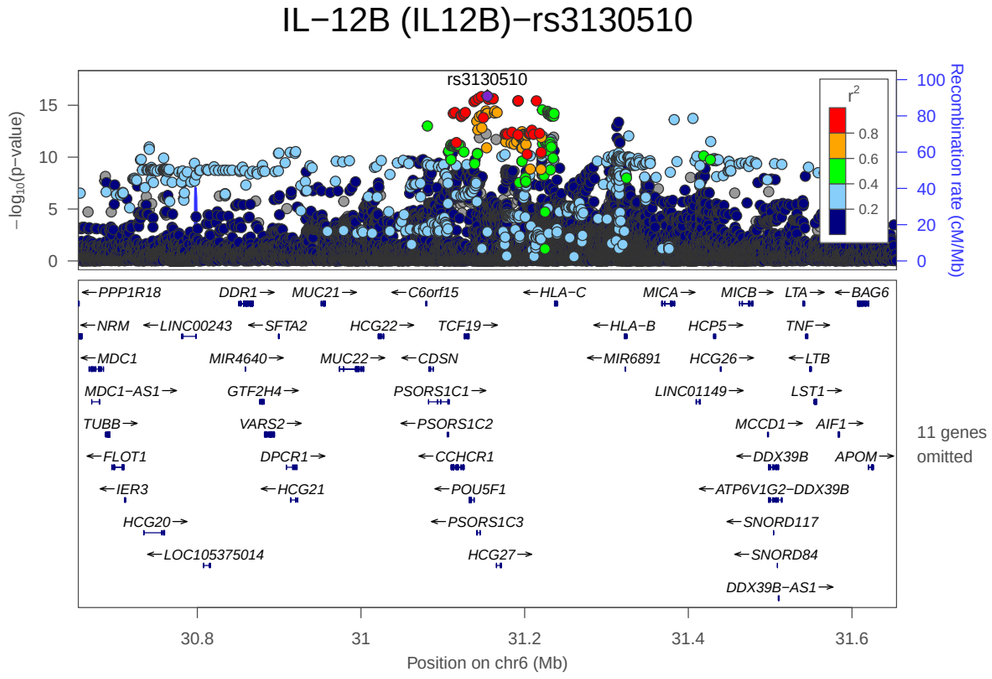


IL−12B (IL12B) [chr6:31154493_A_G (rs3130510) (A/G) N=14735]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.138	0.02	0.14 [0.09; 0.18]	36.5%	32.5%
BioFinder (1496)	0.032	0.04	0.03 [−0.05; 0.12]	10.0%	10.7%
EGCUT (487)	0.057	0.08	0.06 [−0.10; 0.21]	3.1%	3.5%
KORA (1064)	0.085	0.05	0.09 [−0.01; 0.18]	7.7%	8.4%
NSPHS (866)	0.191	0.08	0.19 [0.03; 0.35]	2.9%	3.3%
ORCADES (982)	0.140	0.05	0.14 [0.04; 0.24]	7.9%	8.6%
RECOMBINE (448)	0.053	0.09	0.05 [−0.13; 0.24]	2.2%	2.5%
STABILITY (2950)	0.136	0.03	0.14 [0.07; 0.20]	19.8%	19.6%
STANLEY (344)	0.073	0.09	0.07 [−0.11; 0.26]	2.3%	2.5%
STANLEY (300)	0.112	0.10	0.11 [−0.08; 0.31]	2.0%	2.3%
VIS (902)	0.088	0.06	0.09 [−0.03; 0.20]	5.6%	6.2%
Common effect model			**0.12 [0.09; 0.14]**	**100.0%**	––
Random effects model			**0.11 [0.08; 0.14]**	––	**100.0%**

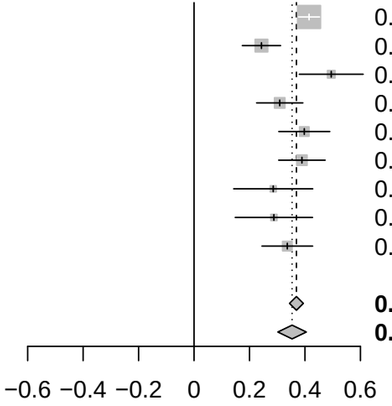


Heterogeneity: I^2 = 0%, τ^2 = 0.0002, p = 0.65

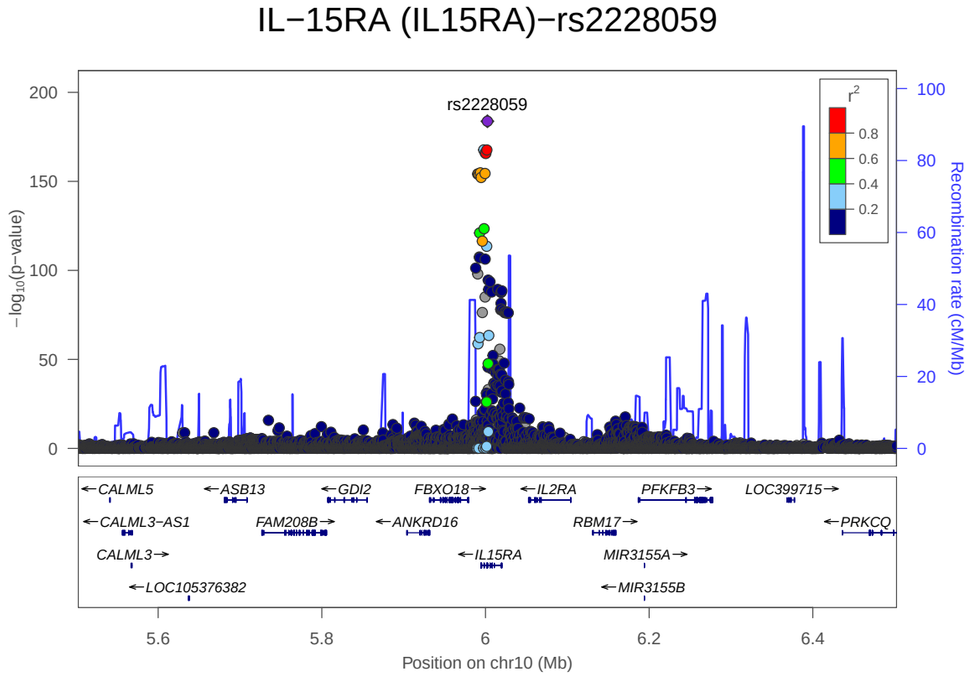


IL−15RA (IL15RA) [chr10:6002368_G_T (rs2228059) (T/G) N=11344]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.415	0.02	0.41 [0.38; 0.45]	43.3%	16.0%
BioFinder (1496)	0.243	0.04	0.24 [0.17; 0.31]	13.1%	13.3%
EGCUT (487)	0.495	0.06	0.49 [0.38; 0.61]	4.7%	9.3%
KORA (1064)	0.309	0.04	0.31 [0.23; 0.39]	9.0%	12.0%
NSPHS (874)	0.398	0.05	0.40 [0.31; 0.49]	7.4%	11.2%
ORCADES (981)	0.389	0.04	0.39 [0.31; 0.47]	8.9%	11.9%
STANLEY (344)	0.285	0.07	0.29 [0.14; 0.43]	3.1%	7.5%
STANLEY (300)	0.288	0.07	0.29 [0.15; 0.43]	3.2%	7.6%
VIS (902)	0.336	0.05	0.34 [0.24; 0.43]	7.5%	11.3%
Common effect model			**0.37 [0.34; 0.39]**	**100.0%**	**––**
Random effects model			**0.35 [0.30; 0.41]**	**––**	**100.0%**

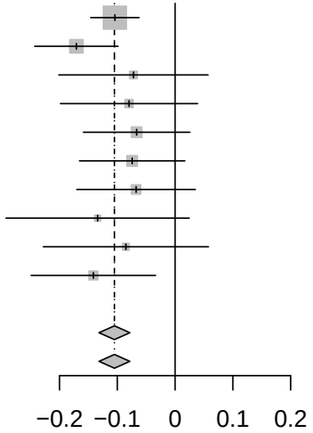


Heterogeneity: I^2 = 72%, τ^2 = 0.0039, p < 0.01

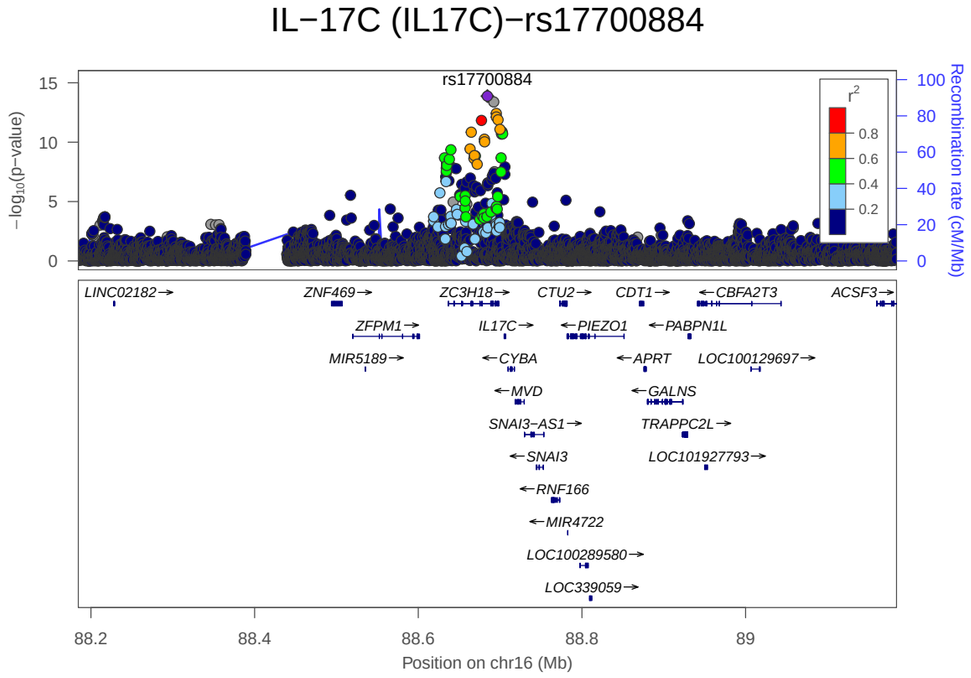


IL−17C (IL17C) [chr16:88684495_G_T (rs17700884) (T/G) N=11775]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.104	0.02	−0.10 [−0.15; −0.06]	40.8%	40.8%
BioFinder (1496)	−0.171	0.04	−0.17 [−0.24; −0.10]	13.7%	13.7%
EGCUT (487)	−0.072	0.07	−0.07 [−0.20; 0.06]	4.3%	4.3%
KORA (1064)	−0.080	0.06	−0.08 [−0.20; 0.04]	5.1%	5.1%
NSPHS (874)	−0.067	0.05	−0.07 [−0.16; 0.03]	8.4%	8.4%
ORCADES (982)	−0.074	0.05	−0.07 [−0.17; 0.02]	8.6%	8.6%
RECOMBINE (430)	−0.068	0.05	−0.07 [−0.17; 0.04]	6.8%	6.8%
STANLEY (344)	−0.134	0.08	−0.13 [−0.29; 0.02]	2.8%	2.8%
STANLEY (300)	−0.085	0.07	−0.09 [−0.23; 0.06]	3.5%	3.5%
VIS (902)	−0.141	0.06	−0.14 [−0.25; −0.03]	6.1%	6.1%
Common effect model			**−0.10 [−0.13; −0.08]**	**100.0%**	**––**
Random effects model			**−0.10 [−0.13; −0.08]**	**––**	**100.0%**

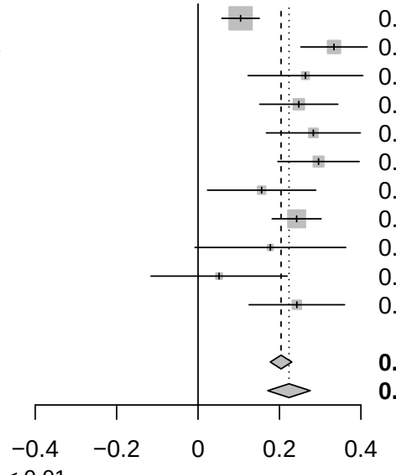


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.75

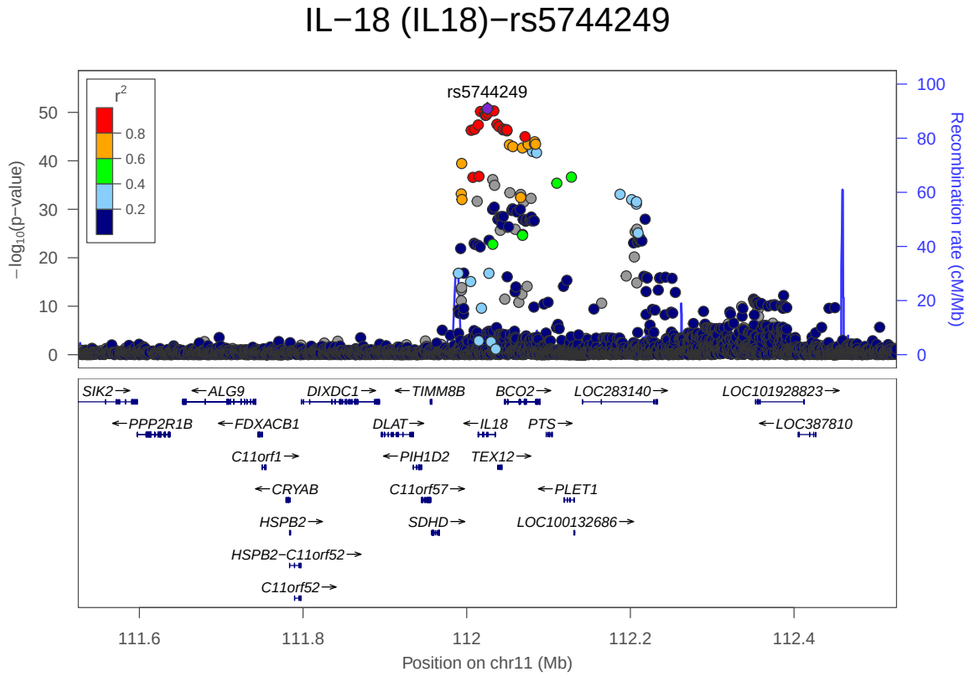


IL−18 (IL18) [chr11:112025306_A_C (rs5744249) (A/C) N=14742]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.104	0.02	0.10 [0.06; 0.15]	33.1%	13.5%
BioFinder (1496)	0.334	0.04	0.33 [0.25; 0.42]	10.5%	11.0%
EGCUT (487)	0.264	0.07	0.26 [0.12; 0.40]	3.5%	7.2%
KORA (1064)	0.247	0.05	0.25 [0.15; 0.34]	7.6%	10.0%
NSPHS (874)	0.283	0.06	0.28 [0.17; 0.40]	5.3%	8.7%
ORCADES (982)	0.296	0.05	0.30 [0.20; 0.40]	7.0%	9.7%
RECOMBINE (446)	0.156	0.07	0.16 [0.02; 0.29]	4.0%	7.6%
STABILITY (2951)	0.242	0.03	0.24 [0.18; 0.30]	19.3%	12.6%
STANLEY (344)	0.178	0.09	0.18 [−0.01; 0.36]	2.0%	5.2%
STANLEY (300)	0.052	0.09	0.05 [−0.12; 0.22]	2.5%	5.9%
VIS (902)	0.243	0.06	0.24 [0.13; 0.36]	5.1%	8.6%
Common effect model			**0.20 [0.18; 0.23]**	**100.0%**	––
Random effects model			**0.22 [0.17; 0.28]**	––	**100.0%**

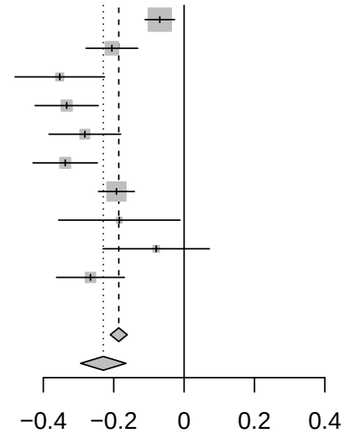


Heterogeneity: I^2 = 75%, τ^2 = 0.0047, p < 0.01

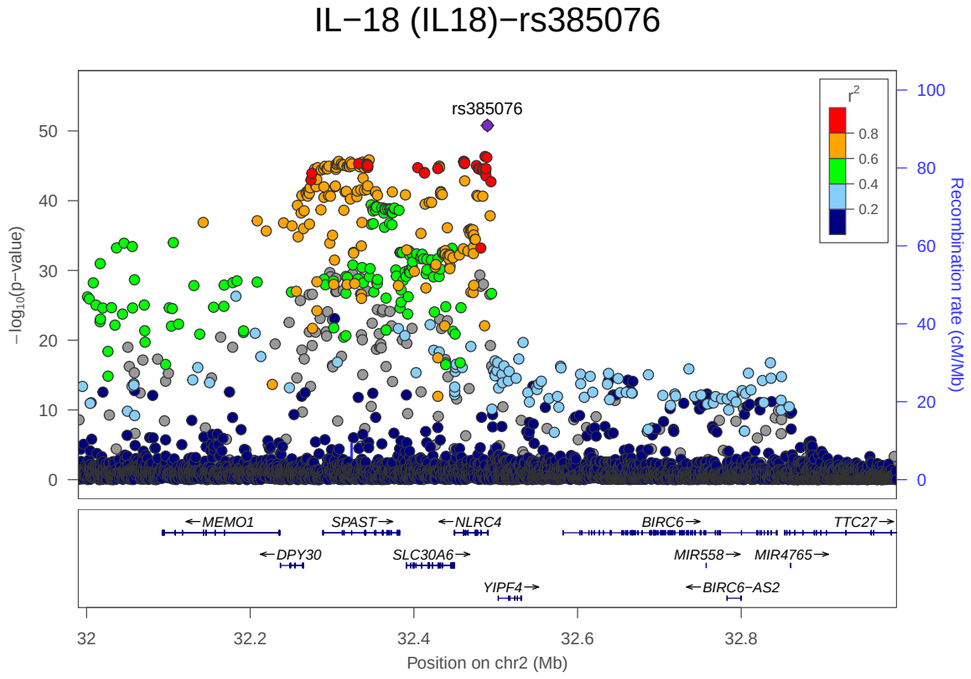


IL−18 (IL18) [chr2:32489851_C_T (rs385076) (T/C) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.069	0.02	−0.07 [−0.11; −0.03]	33.0%	12.5%
BioFinder (1496)	−0.205	0.04	−0.21 [−0.28; −0.13]	10.7%	11.2%
EGCUT (487)	−0.353	0.06	−0.35 [−0.48; −0.23]	3.6%	8.7%
KORA (1064)	−0.334	0.05	−0.33 [−0.42; −0.24]	7.2%	10.5%
NSPHS (874)	−0.282	0.05	−0.28 [−0.38; −0.18]	5.6%	9.9%
ORCADES (982)	−0.338	0.05	−0.34 [−0.43; −0.25]	6.9%	10.4%
STABILITY (2951)	−0.192	0.03	−0.19 [−0.24; −0.14]	22.3%	12.2%
STANLEY (344)	−0.184	0.09	−0.18 [−0.36; −0.01]	1.9%	6.8%
STANLEY (300)	−0.079	0.08	−0.08 [−0.23; 0.07]	2.5%	7.6%
VIS (902)	−0.266	0.05	−0.27 [−0.36; −0.17]	6.2%	10.2%
Common effect model			**−0.19 [−0.21; −0.16]**	**100.0%**	**––**
Random effects model			**−0.23 [−0.29; −0.17]**	**––**	**100.0%**

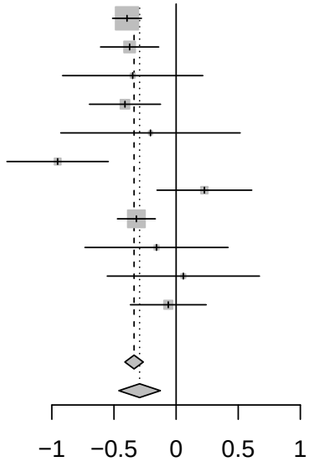


Heterogeneity: I^2 = 86%, τ^2 = 0.0083, p < 0.01

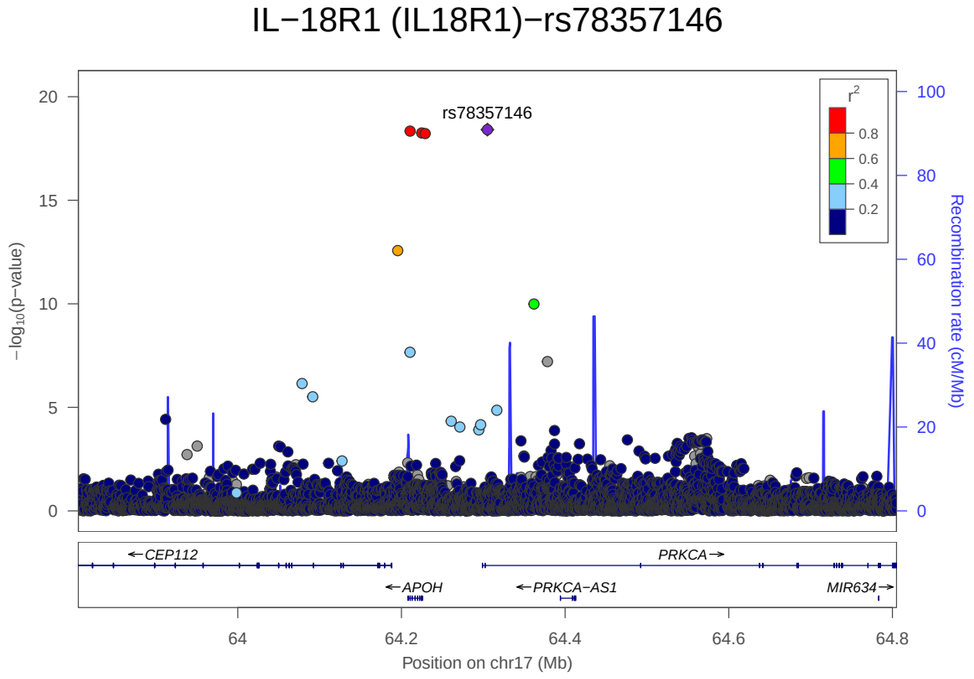


IL−18R1 (IL18R1) [chr17:64305051_A_G (rs78357146) (A/G) N=14743]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.395	0.06	−0.40 [−0.51; −0.28]	40.8%	14.9%
BioFinder (1496)	−0.374	0.12	−0.37 [−0.61; −0.14]	10.0%	12.2%
EGCUT (487)	−0.349	0.29	−0.35 [−0.91; 0.22]	1.7%	5.7%
KORA (1064)	−0.412	0.15	−0.41 [−0.70; −0.13]	6.7%	10.9%
NSPHS (874)	−0.206	0.37	−0.21 [−0.93; 0.52]	1.1%	4.0%
ORCADES (982)	−0.953	0.21	−0.95 [−1.36; −0.55]	3.3%	8.2%
RECOMBINE (448)	0.228	0.19	0.23 [−0.15; 0.61]	3.8%	8.8%
STABILITY (2950)	−0.320	0.08	−0.32 [−0.47; −0.17]	23.6%	14.2%
STANLEY (344)	−0.158	0.29	−0.16 [−0.73; 0.42]	1.7%	5.5%
STANLEY (300)	0.058	0.31	0.06 [−0.55; 0.67]	1.5%	5.1%
VIS (902)	−0.063	0.16	−0.06 [−0.37; 0.24]	5.9%	10.5%
Common effect model			**−0.34 [−0.41; −0.26]**	**100.0%**	**––**
Random effects model			**−0.29 [−0.46; −0.13]**	**––**	**100.0%**

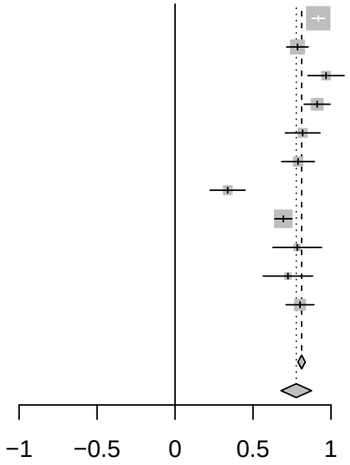


Heterogeneity: I^2 = 58%, τ^2 = 0.0452, p < 0.01

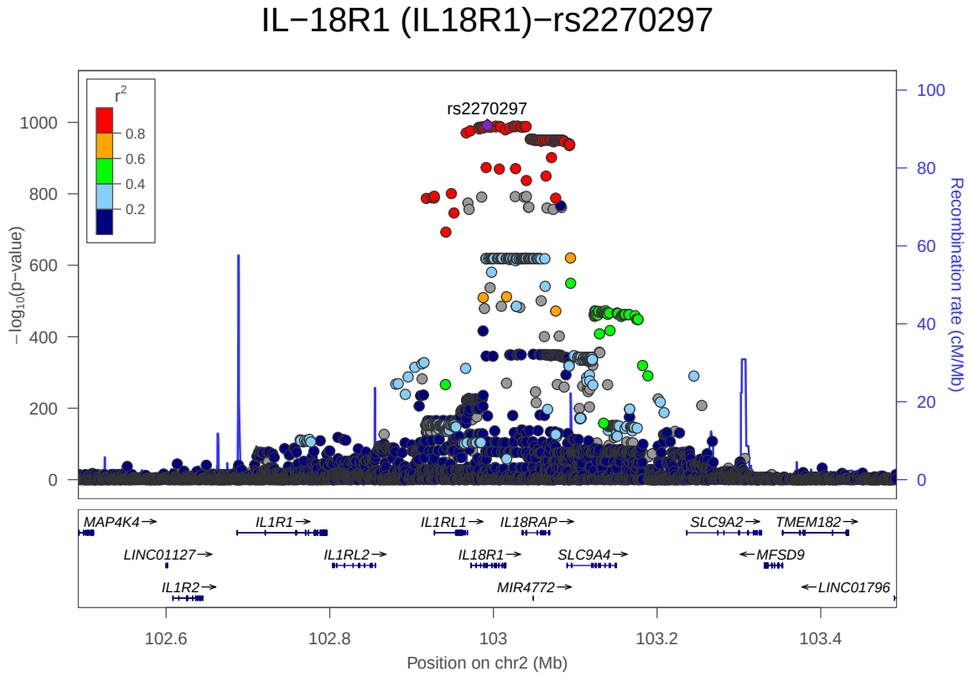


IL−18R1 (IL18R1) [chr2:102992675_C_T (rs2270297) (T/C) N=14743]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.918	0.02	0.92 [0.88; 0.96]	32.8%	9.9%
BioFinder (1496)	0.785	0.04	0.78 [0.72; 0.85]	11.6%	9.6%
EGCUT (487)	0.968	0.06	0.97 [0.85; 1.08]	4.1%	8.9%
KORA (1064)	0.911	0.04	0.91 [0.83; 0.99]	8.0%	9.4%
NSPHS (874)	0.818	0.06	0.82 [0.71; 0.93]	4.5%	8.9%
ORCADES (982)	0.789	0.05	0.79 [0.68; 0.89]	5.0%	9.1%
RECOMBINE (448)	0.338	0.06	0.34 [0.22; 0.45]	4.4%	8.9%
STABILITY (2950)	0.694	0.03	0.69 [0.64; 0.75]	18.3%	9.8%
STANLEY (344)	0.784	0.08	0.78 [0.63; 0.94]	2.3%	8.0%
STANLEY (300)	0.724	0.08	0.72 [0.57; 0.88]	2.2%	8.0%
VIS (902)	0.801	0.05	0.80 [0.71; 0.89]	7.0%	9.3%
Common effect model			**0.81 [0.79; 0.84]**	**100.0%**	**––**
Random effects model			**0.78 [0.68; 0.88]**	**––**	**100.0%**

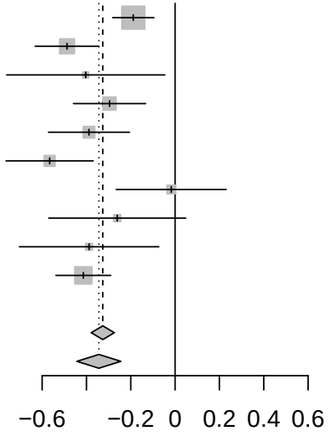


Heterogeneity: I^2 = 92%, τ^2 = 0.0249, p < 0.01



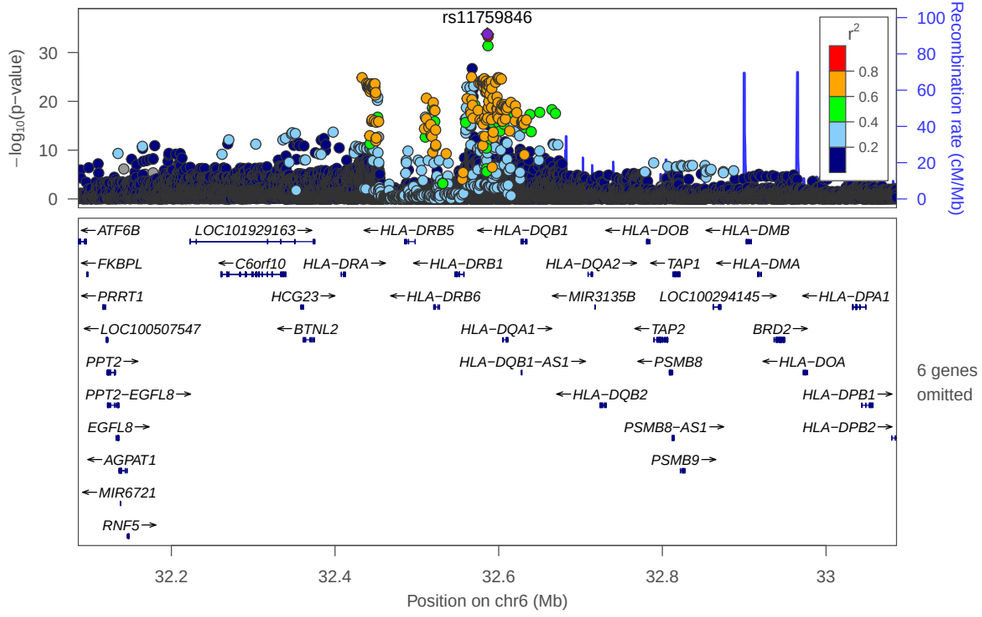
IL−1 alpha (IL1A) [chr6:32586222_A_G (rs11759846) (A/G) N=11788]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.189	0.05	−0.19 [−0.28; −0.10]	31.5%	14.8%
BioFinder (1496)	−0.488	0.07	−0.49 [−0.63; −0.34]	13.1%	12.6%
EGCUT (487)	−0.403	0.18	−0.40 [−0.76; −0.05]	2.1%	5.3%
KORA (1064)	−0.296	0.08	−0.30 [−0.46; −0.13]	10.3%	11.7%
NSPHS (874)	−0.389	0.09	−0.39 [−0.57; −0.21]	8.1%	10.8%
ORCADES (980)	−0.566	0.10	−0.57 [−0.76; −0.37]	7.0%	10.2%
RECOMBINE (448)	−0.017	0.13	−0.02 [−0.27; 0.23]	4.4%	8.3%
STANLEY (344)	−0.261	0.16	−0.26 [−0.57; 0.05]	2.9%	6.4%
STANLEY (300)	−0.388	0.16	−0.39 [−0.70; −0.07]	2.8%	6.3%
VIS (899)	−0.414	0.06	−0.41 [−0.54; −0.29]	17.7%	13.5%
Common effect model			**−0.33 [−0.38; −0.27]**	**100.0%**	**––**
Random effects model			**−0.34 [−0.44; −0.24]**	**––**	**100.0%**



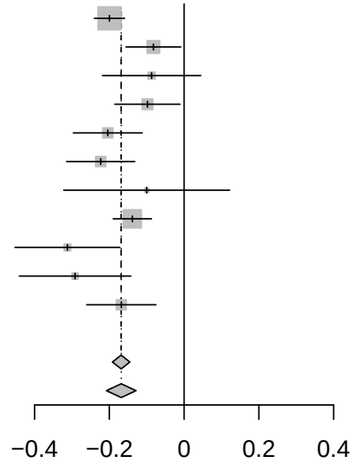
Heterogeneity: I^2 = 68%, τ^2 = 0.0151, p < 0.01

IL−1 (alpha)−rs11759846

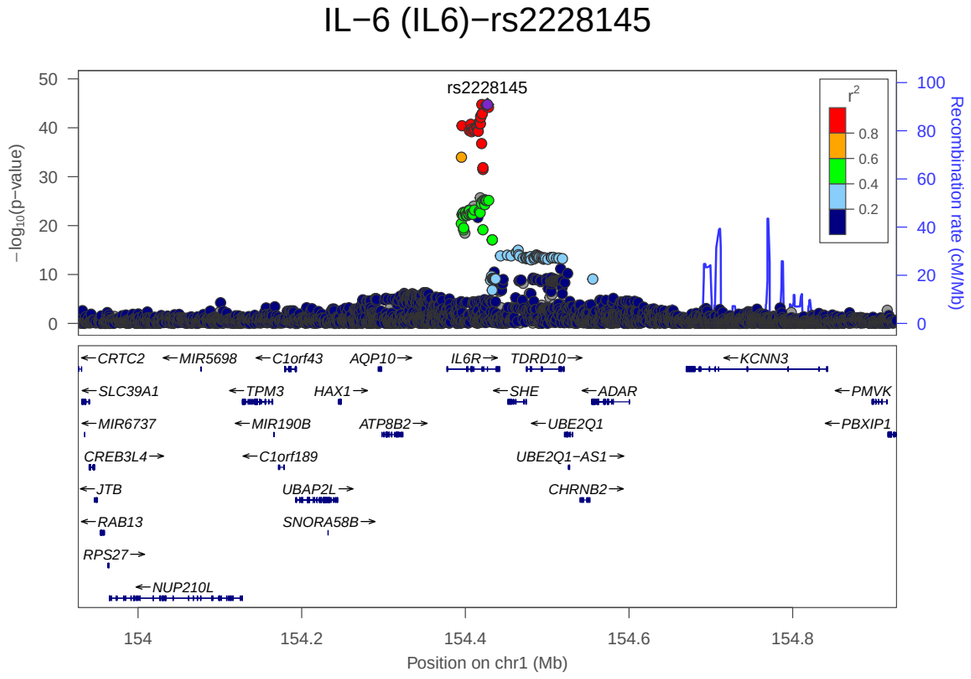


IL−6 (IL6) [chr1:154426970_A_C (rs2228145) (A/C) N=14743]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.200	0.02	−0.20 [−0.24; −0.16]	33.3%	16.0%
BioFinder (1496)	−0.082	0.04	−0.08 [−0.16; −0.01]	10.1%	11.6%
EGCUT (487)	−0.087	0.07	−0.09 [−0.22; 0.04]	3.1%	6.2%
KORA (1064)	−0.098	0.04	−0.10 [−0.19; −0.01]	7.1%	9.9%
NSPHS (874)	−0.204	0.05	−0.20 [−0.30; −0.11]	6.4%	9.4%
ORCADES (982)	−0.223	0.05	−0.22 [−0.31; −0.13]	6.5%	9.5%
RECOMBINE (448)	−0.100	0.11	−0.10 [−0.32; 0.12]	1.1%	2.7%
STABILITY (2951)	−0.138	0.03	−0.14 [−0.19; −0.09]	20.8%	14.5%
STANLEY (344)	−0.312	0.07	−0.31 [−0.45; −0.17]	2.8%	5.6%
STANLEY (300)	−0.292	0.08	−0.29 [−0.44; −0.14]	2.4%	5.2%
VIS (901)	−0.168	0.05	−0.17 [−0.26; −0.08]	6.3%	9.4%
Common effect model			**−0.17 [−0.19; −0.15]**	**100.0%**	**––**
Random effects model			**−0.17 [−0.21; −0.13]**	**––**	**100.0%**

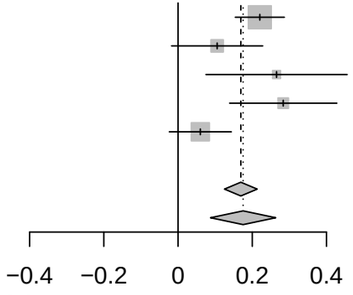


Heterogeneity: I^2 = 54%, τ^2 = 0.0021, p = 0.02

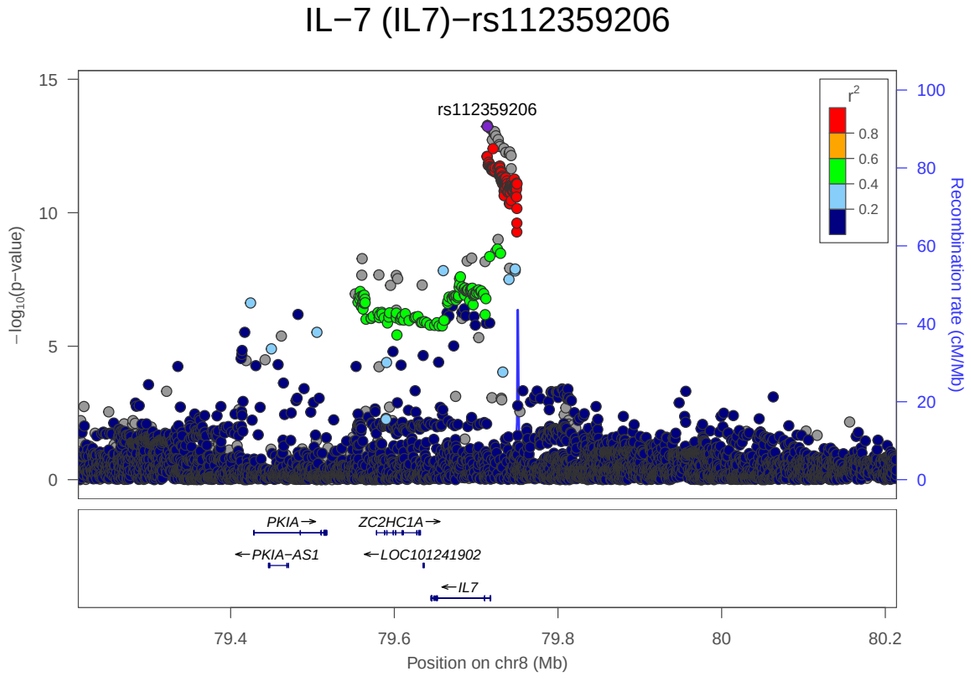


IL−7 (IL7) [chr8:79713766_A_G (rs112359206) (A/G) N=10894]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.220	0.03	0.22 [0.15; 0.29]	44.5%	26.6%
BioFinder (1496)	0.105	0.06	0.11 [−0.02; 0.23]	12.9%	19.4%
EGCUT (487)	0.265	0.10	0.27 [0.08; 0.46]	5.4%	12.7%
KORA (1064)	0.283	0.07	0.28 [0.14; 0.43]	9.3%	16.9%
STABILITY (2951)	0.060	0.04	0.06 [−0.02; 0.14]	27.8%	24.4%
Common effect model			**0.17 [0.13; 0.21]**	**100.0%**	**––**
Random effects model			**0.18 [0.09; 0.26]**	**––**	**100.0%**

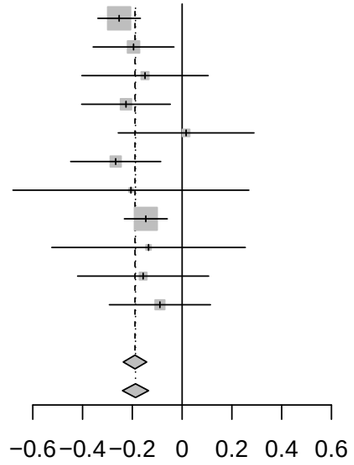


Heterogeneity: I^2 = 70%, τ^2 = 0.0064, p = 0.01

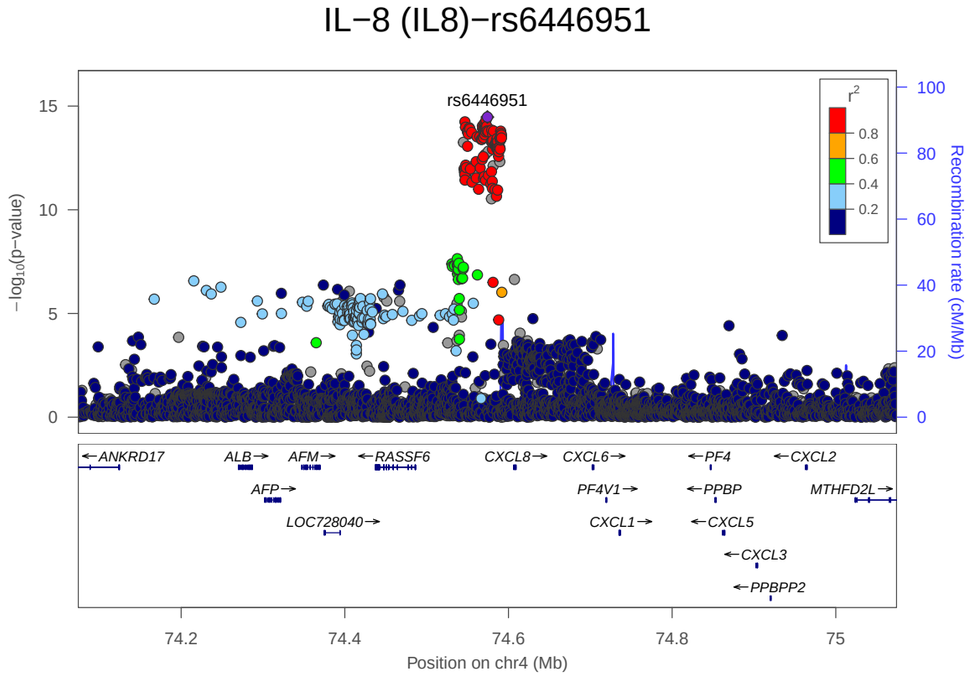


IL−8 (IL8) [chr4:74574265_A_G (rs6446951) (A/G) N=14729]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.253	0.04	−0.25 [−0.34; −0.17]	30.4%	27.3%
BioFinder (1496)	−0.195	0.08	−0.20 [−0.36; −0.03]	8.4%	9.4%
EGCUT (487)	−0.149	0.13	−0.15 [−0.40; 0.10]	3.4%	4.1%
KORA (1064)	−0.226	0.09	−0.23 [−0.40; −0.05]	7.0%	8.0%
NSPHS (874)	0.016	0.14	0.02 [−0.26; 0.29]	3.0%	3.6%
ORCADES (982)	−0.267	0.09	−0.27 [−0.45; −0.09]	6.8%	7.7%
RECOMBINE (433)	−0.206	0.24	−0.21 [−0.68; 0.27]	1.0%	1.2%
STABILITY (2951)	−0.146	0.04	−0.15 [−0.23; −0.06]	29.9%	26.9%
STANLEY (344)	−0.135	0.20	−0.13 [−0.52; 0.25]	1.5%	1.8%
STANLEY (300)	−0.157	0.13	−0.16 [−0.42; 0.11]	3.2%	3.8%
VIS (902)	−0.089	0.10	−0.09 [−0.29; 0.11]	5.4%	6.2%
Common effect model			**−0.19 [−0.24; −0.14]**	**100.0%**	**––**
Random effects model			**−0.19 [−0.24; −0.13]**	**––**	**100.0%**

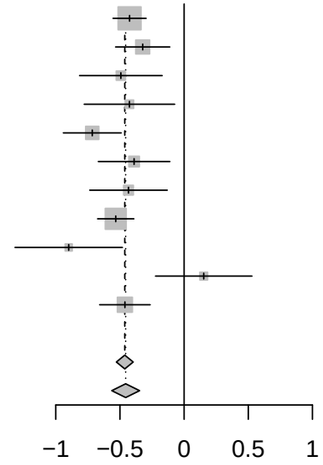


Heterogeneity: I^2 = 0%, τ^2 = 0.0007, p = 0.69

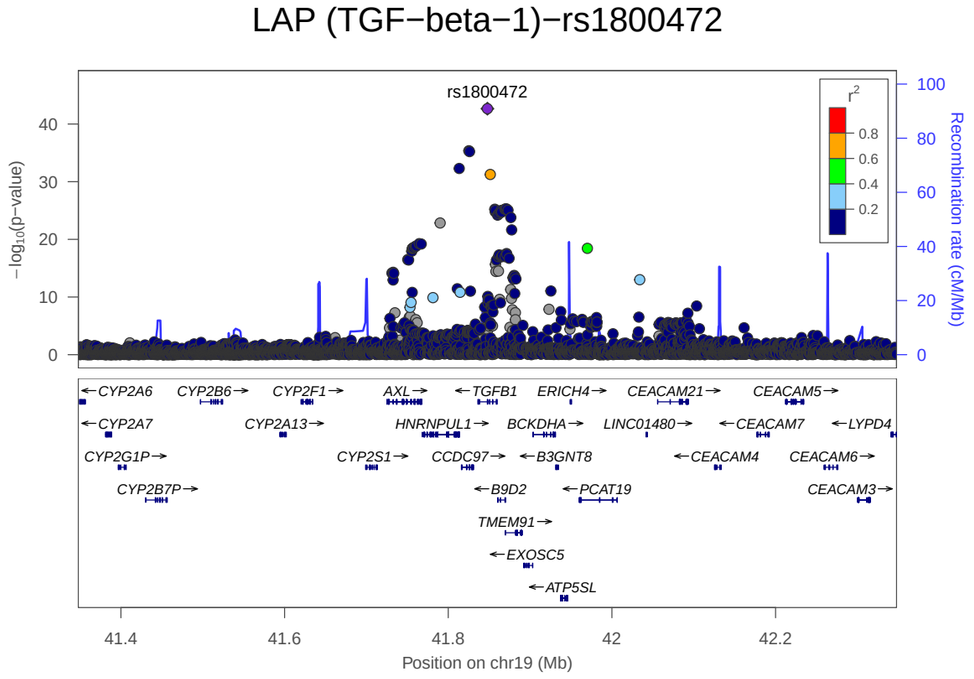


LAP TGF−beta−1 (TGFB1) [chr19:41847860_A_G (rs1800472) (A/G) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.425	0.07	−0.43 [−0.55; −0.30]	25.9%	14.4%
BioFinder (1496)	−0.323	0.11	−0.32 [−0.53; −0.11]	9.6%	10.7%
EGCUT (487)	−0.493	0.16	−0.49 [−0.81; −0.17]	4.2%	7.0%
KORA (1064)	−0.426	0.18	−0.43 [−0.78; −0.07]	3.5%	6.2%
NSPHS (866)	−0.716	0.11	−0.72 [−0.94; −0.49]	8.5%	10.2%
ORCADES (982)	−0.390	0.14	−0.39 [−0.67; −0.11]	5.5%	8.2%
RECOMBINE (448)	−0.433	0.15	−0.43 [−0.74; −0.13]	4.7%	7.5%
STABILITY (2951)	−0.533	0.07	−0.53 [−0.67; −0.39]	21.5%	13.8%
STANLEY (344)	−0.899	0.21	−0.90 [−1.32; −0.48]	2.5%	4.9%
STANLEY (300)	0.153	0.19	0.15 [−0.22; 0.53]	3.0%	5.7%
VIS (902)	−0.461	0.10	−0.46 [−0.66; −0.26]	11.1%	11.3%
Common effect model			**−0.46 [−0.53; −0.40]**	**100.0%**	**––**
Random effects model			**−0.46 [−0.56; −0.35]**	**––**	**100.0%**

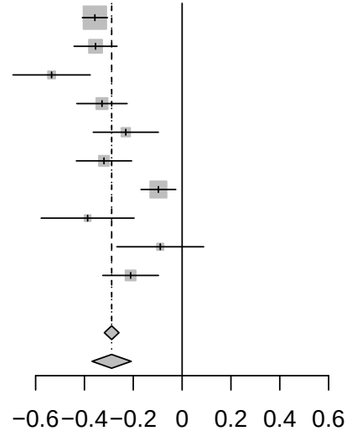


Heterogeneity: I^2 = 56%, τ^2 = 0.0170, p = 0.01

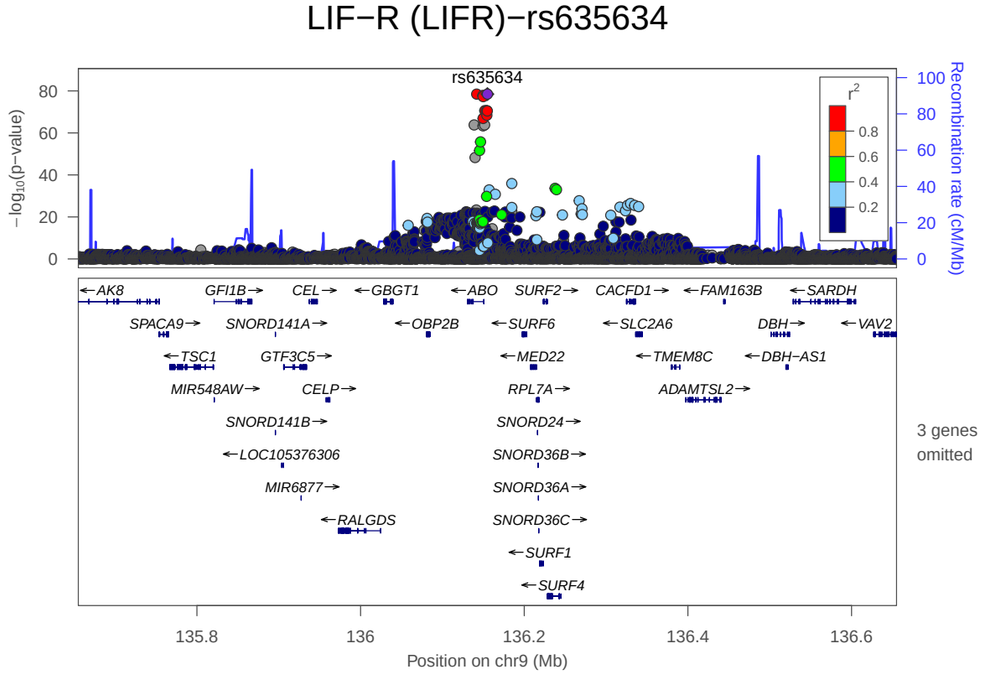


LIF−R (LIFR) [chr9:136155000_C_T (rs635634) (T/C) N=11784]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.357	0.03	−0.36 [−0.41; −0.31]	34.1%	12.3%
BioFinder (1496)	−0.355	0.04	−0.35 [−0.44; −0.27]	11.6%	11.2%
EGCUT (487)	−0.535	0.08	−0.53 [−0.69; −0.38]	3.6%	8.6%
KORA (1064)	−0.328	0.05	−0.33 [−0.43; −0.23]	8.5%	10.7%
NSPHS (866)	−0.231	0.07	−0.23 [−0.36; −0.10]	5.1%	9.5%
ORCADES (982)	−0.320	0.06	−0.32 [−0.43; −0.21]	7.0%	10.3%
RECOMBINE (448)	−0.097	0.04	−0.10 [−0.17; −0.03]	17.8%	11.7%
STANLEY (344)	−0.387	0.10	−0.39 [−0.58; −0.20]	2.5%	7.5%
STANLEY (300)	−0.089	0.09	−0.09 [−0.27; 0.09]	2.9%	7.9%
VIS (901)	−0.211	0.06	−0.21 [−0.32; −0.10]	6.9%	10.3%
Common effect model			**−0.29 [−0.32; −0.26]**	**100.0%**	**––**
Random effects model			**−0.29 [−0.37; −0.21]**	**––**	**100.0%**

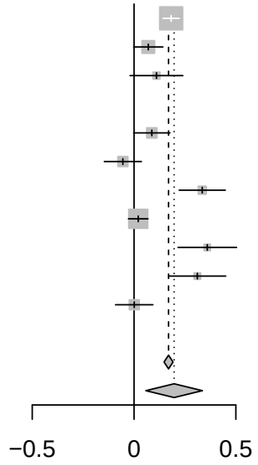


Heterogeneity: I^2 = 84%, τ^2 = 0.0130, p < 0.01

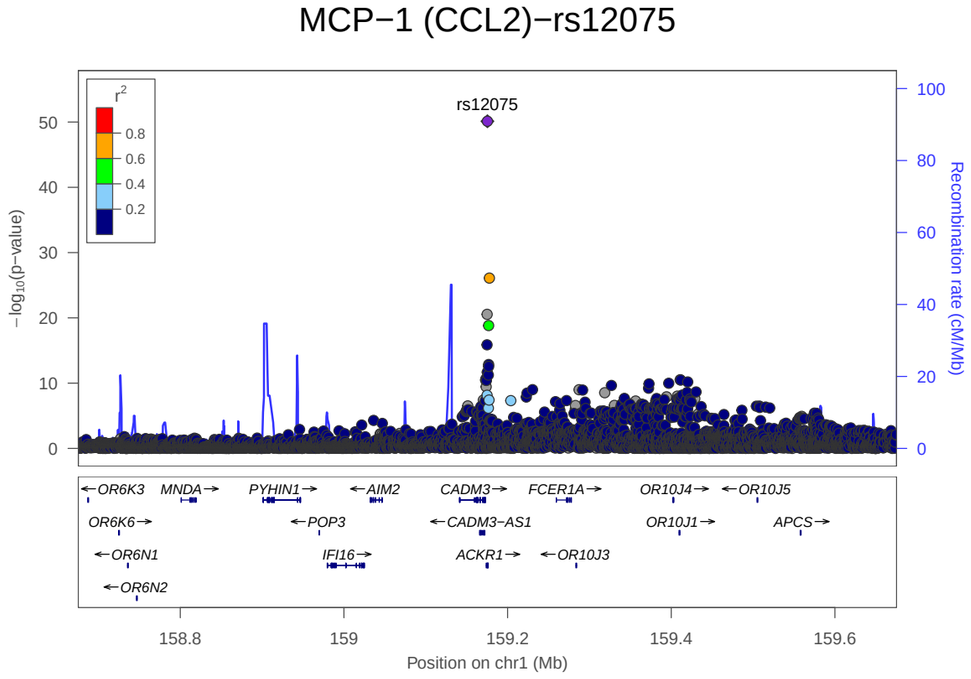


MCP−1 (CCL2) [chr1:159175354_A_G (rs12075) (A/G) N=14730]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.182	0.02	0.18 [0.14; 0.22]	31.0%	9.5%
BioFinder (1496)	0.070	0.04	0.07 [−0.00; 0.14]	9.4%	9.3%
EGCUT (487)	0.110	0.07	0.11 [−0.02; 0.24]	2.9%	8.8%
KORA (1064)	0.756	0.04	0.76 [0.68; 0.83]	8.9%	9.3%
NSPHS (866)	0.087	0.05	0.09 [−0.00; 0.18]	6.2%	9.2%
ORCADES (981)	−0.055	0.05	−0.05 [−0.15; 0.04]	5.9%	9.2%
RECOMBINE (445)	0.335	0.06	0.33 [0.22; 0.45]	3.8%	9.0%
STABILITY (2951)	0.021	0.02	0.02 [−0.03; 0.07]	21.2%	9.4%
STANLEY (344)	0.360	0.07	0.36 [0.22; 0.50]	2.4%	8.6%
STANLEY (300)	0.311	0.07	0.31 [0.17; 0.45]	2.5%	8.7%
VIS (900)	0.001	0.05	0.00 [−0.09; 0.09]	5.8%	9.1%
Common effect model			**0.17 [0.15; 0.19]**	**100.0%**	**––**
Random effects model			**0.20 [0.06; 0.34]**	**––**	**100.0%**

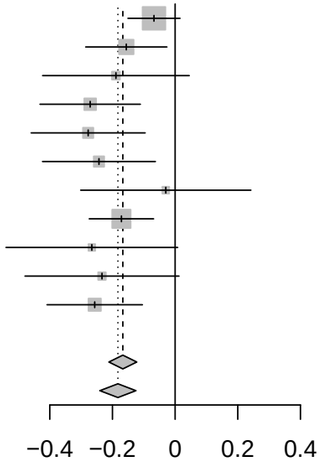


Heterogeneity: I^2 = 97%, τ^2 = 0.0528, p < 0.01

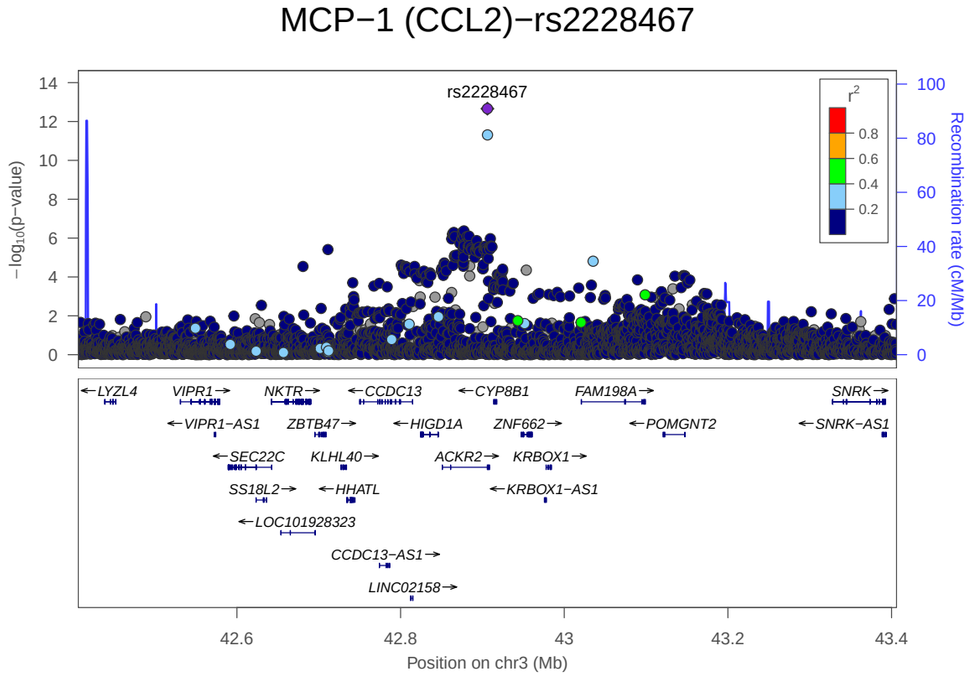


MCP−1 (CCL2) [chr3:42906116_C_T (rs2228467) (T/C) N=14732]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.067	0.04	−0.07 [−0.15; 0.02]	28.7%	19.4%
BioFinder (1496)	−0.156	0.07	−0.16 [−0.29; −0.03]	11.8%	12.3%
EGCUT (487)	−0.189	0.12	−0.19 [−0.42; 0.05]	3.6%	5.1%
KORA (1064)	−0.271	0.08	−0.27 [−0.43; −0.11]	7.7%	9.3%
NSPHS (866)	−0.278	0.09	−0.28 [−0.46; −0.10]	6.0%	7.7%
ORCADES (981)	−0.243	0.09	−0.24 [−0.42; −0.06]	6.1%	7.8%
RECOMBINE (447)	−0.030	0.14	−0.03 [−0.30; 0.24]	2.7%	3.9%
STABILITY (2951)	−0.171	0.05	−0.17 [−0.27; −0.07]	18.8%	16.0%
STANLEY (344)	−0.266	0.14	−0.27 [−0.54; 0.01]	2.6%	3.9%
STANLEY (300)	−0.233	0.13	−0.23 [−0.48; 0.01]	3.3%	4.7%
VIS (900)	−0.257	0.08	−0.26 [−0.41; −0.10]	8.6%	9.9%
Common effect model			**−0.17 [−0.21; −0.12]**	**100.0%**	**––**
Random effects model			**−0.18 [−0.24; −0.13]**	**––**	**100.0%**

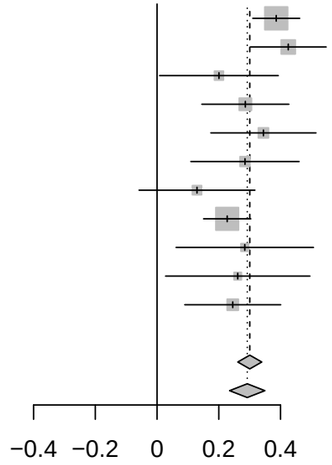


Heterogeneity: I^2 = 19%, τ^2 = 0.0026, p = 0.26

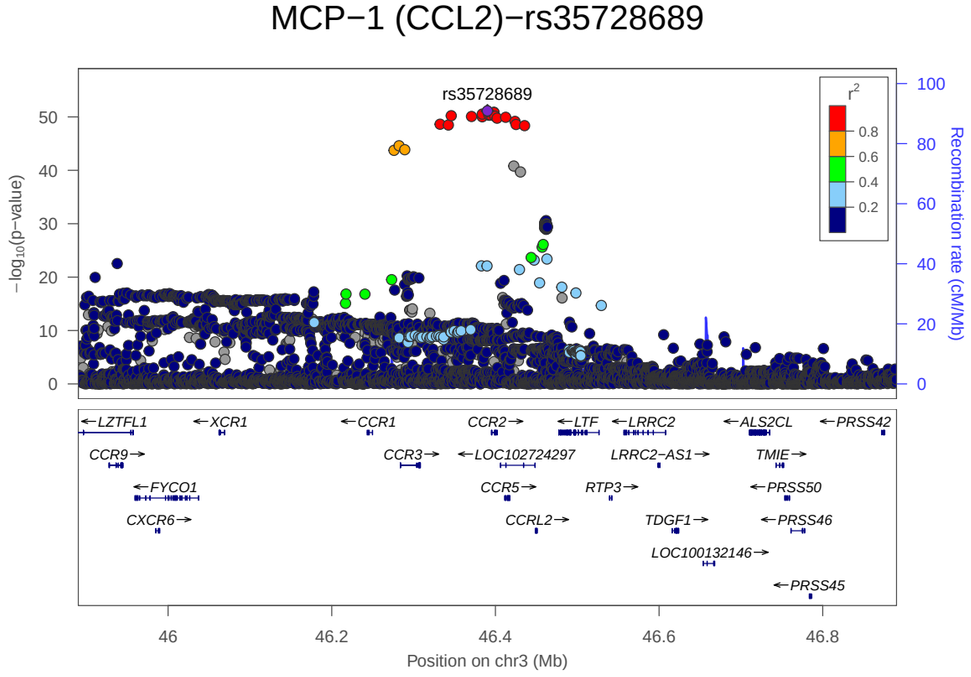


MCP−1 (CCL2) [chr3:46390228_A_G (rs35728689) (A/G) N=14732]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.386	0.04	0.39 [0.31; 0.46]	26.1%	16.5%
BioFinder (1496)	0.425	0.06	0.43 [0.30; 0.55]	10.0%	11.2%
EGCUT (487)	0.201	0.10	0.20 [0.01; 0.39]	4.1%	6.4%
KORA (1064)	0.286	0.07	0.29 [0.15; 0.43]	7.6%	9.6%
NSPHS (866)	0.345	0.09	0.34 [0.17; 0.51]	5.2%	7.6%
ORCADES (981)	0.285	0.09	0.28 [0.11; 0.46]	4.9%	7.3%
RECOMBINE (447)	0.129	0.10	0.13 [−0.06; 0.32]	4.3%	6.6%
STABILITY (2951)	0.227	0.04	0.23 [0.15; 0.30]	25.7%	16.4%
STANLEY (344)	0.284	0.11	0.28 [0.06; 0.51]	3.0%	5.1%
STANLEY (300)	0.261	0.12	0.26 [0.03; 0.50]	2.8%	4.8%
VIS (900)	0.245	0.08	0.25 [0.09; 0.40]	6.3%	8.5%
Common effect model			**0.30 [0.26; 0.34]**	**100.0%**	––
Random effects model			**0.29 [0.24; 0.35]**	––	**100.0%**

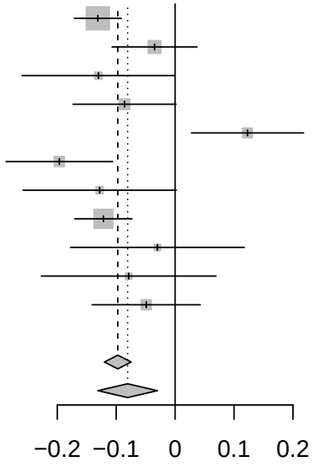


Heterogeneity: I^2 = 43%, τ^2 = 0.0037, p = 0.06



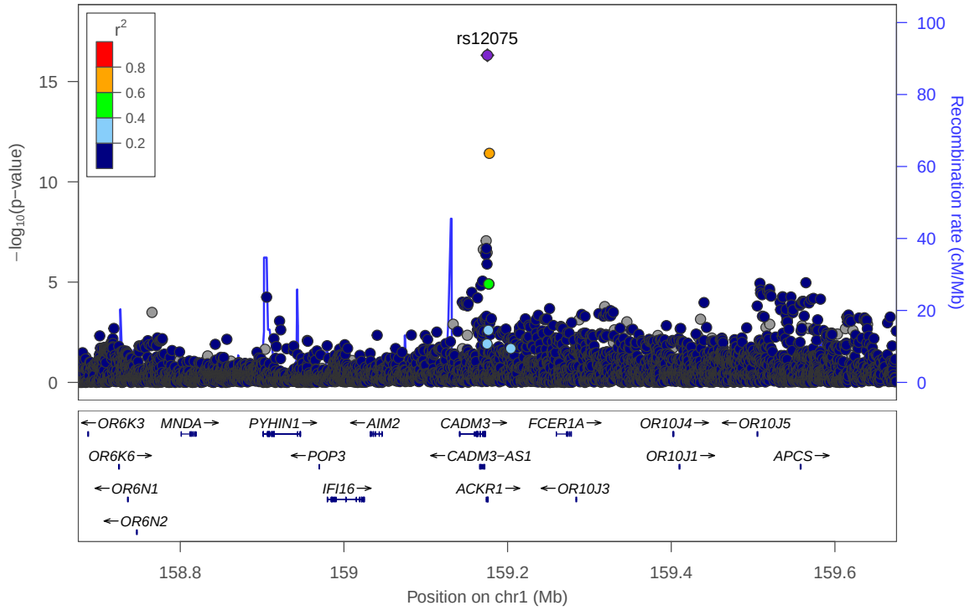
MCP−2 (CCL8) [chr1:159175354_A_G (rs12075) (A/G) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.131	0.02	−0.13 [−0.17; −0.09]	32.4%	12.6%
BioFinder (1496)	−0.035	0.04	−0.03 [−0.11; 0.04]	9.9%	10.7%
EGCUT (487)	−0.130	0.07	−0.13 [−0.26; −0.00]	3.1%	7.2%
KORA (1064)	−0.086	0.04	−0.09 [−0.17; 0.00]	6.8%	9.7%
NSPHS (866)	0.123	0.05	0.12 [0.03; 0.22]	5.7%	9.2%
ORCADES (982)	−0.196	0.05	−0.20 [−0.29; −0.11]	6.3%	9.5%
RECOMBINE (445)	−0.128	0.07	−0.13 [−0.26; 0.00]	3.1%	7.2%
STABILITY (2951)	−0.122	0.02	−0.12 [−0.17; −0.07]	21.9%	12.1%
STANLEY (344)	−0.030	0.08	−0.03 [−0.18; 0.12]	2.4%	6.3%
STANLEY (300)	−0.079	0.08	−0.08 [−0.23; 0.07]	2.4%	6.3%
VIS (902)	−0.049	0.05	−0.05 [−0.14; 0.04]	6.1%	9.4%
Common effect model			**−0.10 [−0.12; −0.07]**	**100.0%**	**––**
Random effects model			**−0.08 [−0.13; −0.03]**	**––**	**100.0%**



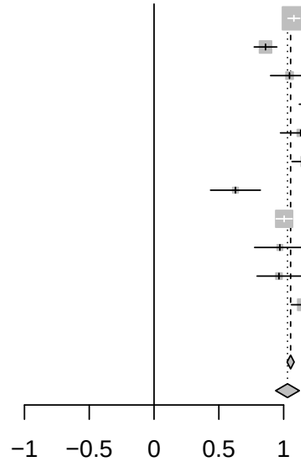
Heterogeneity: I^2 = 71%, τ^2 = 0.0049, p < 0.01

MCP−2 (CCL8)−rs12075

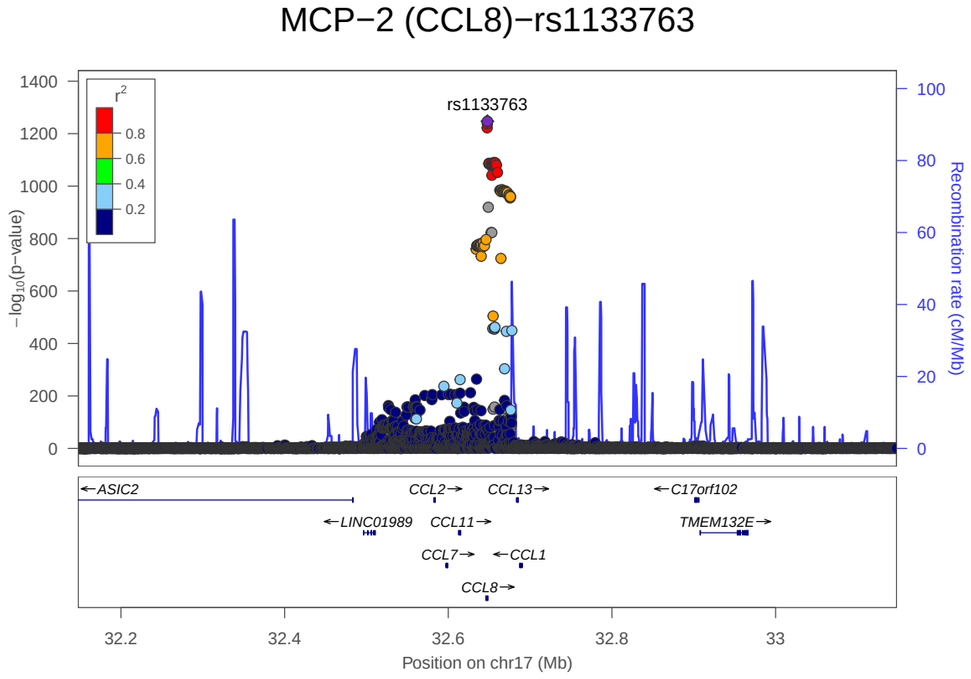


MCP−2 (CCL8) [chr17:32647831_A_C (rs1133763) (A/C) N=14716]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	1.079	0.02	1.08 [1.03; 1.13]	34.7%	10.7%
BioFinder (1496)	0.860	0.04	0.86 [0.77; 0.95]	9.7%	10.0%
EGCUT (487)	1.045	0.07	1.05 [0.90; 1.19]	3.5%	8.6%
KORA (1064)	1.213	0.05	1.21 [1.12; 1.31]	8.8%	9.9%
NSPHS (866)	1.131	0.08	1.13 [0.98; 1.29]	3.1%	8.3%
ORCADES (982)	1.173	0.06	1.17 [1.06; 1.28]	6.3%	9.5%
RECOMBINE (428)	0.628	0.10	0.63 [0.44; 0.82]	2.0%	7.4%
STABILITY (2951)	1.004	0.03	1.00 [0.94; 1.07]	18.8%	10.4%
STANLEY (344)	0.971	0.10	0.97 [0.78; 1.17]	2.0%	7.3%
STANLEY (300)	0.964	0.09	0.96 [0.79; 1.13]	2.6%	8.0%
VIS (902)	1.152	0.05	1.15 [1.06; 1.25]	8.6%	9.9%
Common effect model			**1.05 [1.03; 1.08]**	**100.0%**	**––**
Random effects model			**1.03 [0.94; 1.12]**	**––**	**100.0%**

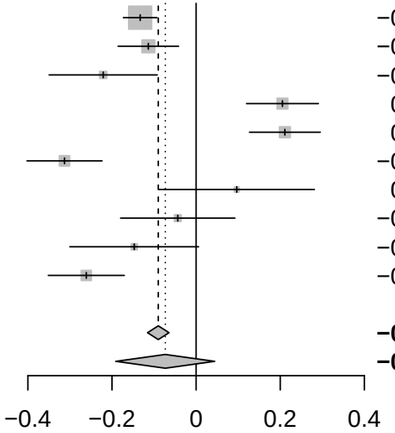


Heterogeneity: I^2 = 84%, τ^2 = 0.0199, p < 0.01



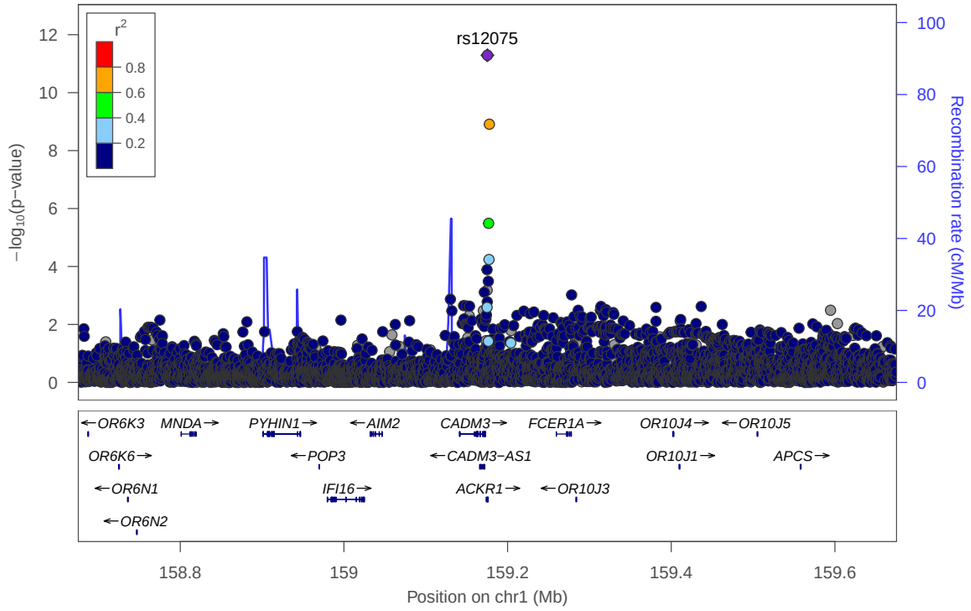
MCP−3 (CCL7) [chr1:159175354_A_G (rs12075) (A/G) N=11780]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.133	0.02	−0.13 [−0.17; −0.09]	40.9%	10.8%
BioFinder (1496)	−0.114	0.04	−0.11 [−0.19; −0.04]	12.6%	10.5%
EGCUT (487)	−0.221	0.07	−0.22 [−0.35; −0.09]	3.9%	9.7%
KORA (1064)	0.205	0.04	0.21 [0.12; 0.29]	8.9%	10.4%
NSPHS (866)	0.211	0.04	0.21 [0.13; 0.30]	9.2%	10.4%
ORCADES (982)	−0.313	0.05	−0.31 [−0.40; −0.22]	8.2%	10.3%
RECOMBINE (445)	0.097	0.09	0.10 [−0.09; 0.28]	1.9%	8.6%
STANLEY (344)	−0.044	0.07	−0.04 [−0.18; 0.09]	3.5%	9.6%
STANLEY (300)	−0.147	0.08	−0.15 [−0.30; 0.01]	2.8%	9.3%
VIS (900)	−0.261	0.05	−0.26 [−0.35; −0.17]	8.0%	10.3%
Common effect model			**−0.09 [−0.12; −0.06]**	**100.0%**	**––**
Random effects model			**−0.07 [−0.19; 0.04]**	**––**	**100.0%**



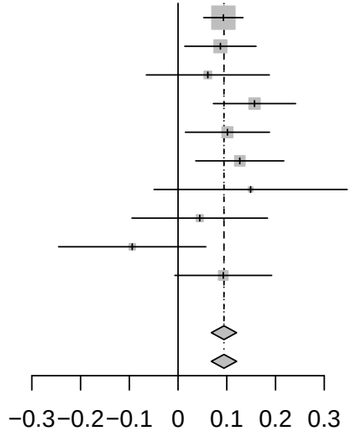
Heterogeneity: I^2 = 94%, τ^2 = 0.0327, p < 0.01

MCP−3 (CCL7)−rs12075

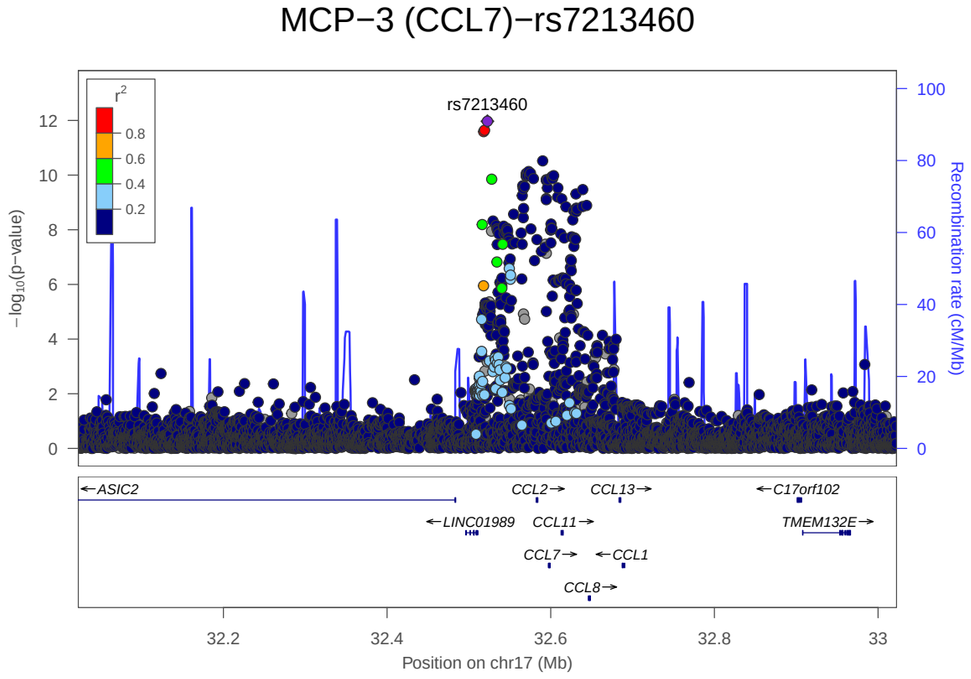


MCP−3 (CCL7) [chr17:32522613_A_G (rs7213460) (A/G) N=11780]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.093	0.02	0.09 [0.05; 0.13]	41.6%	41.3%
BioFinder (1496)	0.087	0.04	0.09 [0.01; 0.16]	12.6%	12.6%
EGCUT (487)	0.061	0.06	0.06 [−0.07; 0.19]	4.2%	4.3%
KORA (1064)	0.157	0.04	0.16 [0.07; 0.24]	9.5%	9.5%
NSPHS (866)	0.101	0.04	0.10 [0.02; 0.19]	9.0%	9.1%
ORCADES (982)	0.127	0.05	0.13 [0.04; 0.22]	8.2%	8.3%
RECOMBINE (445)	0.149	0.10	0.15 [−0.05; 0.35]	1.7%	1.7%
STANLEY (344)	0.044	0.07	0.04 [−0.09; 0.18]	3.5%	3.5%
STANLEY (300)	−0.094	0.08	−0.09 [−0.25; 0.06]	2.9%	3.0%
VIS (900)	0.093	0.05	0.09 [−0.01; 0.19]	6.8%	6.9%
Common effect model			**0.09 [0.07; 0.12]**	**100.0%**	**––**
Random effects model			**0.09 [0.07; 0.12]**	**––**	**100.0%**

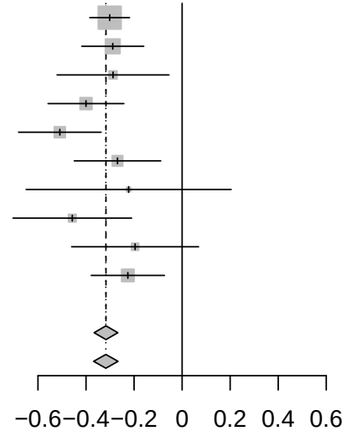


Heterogeneity: I^2 = 7%, τ^2 < 0.0001, p = 0.38



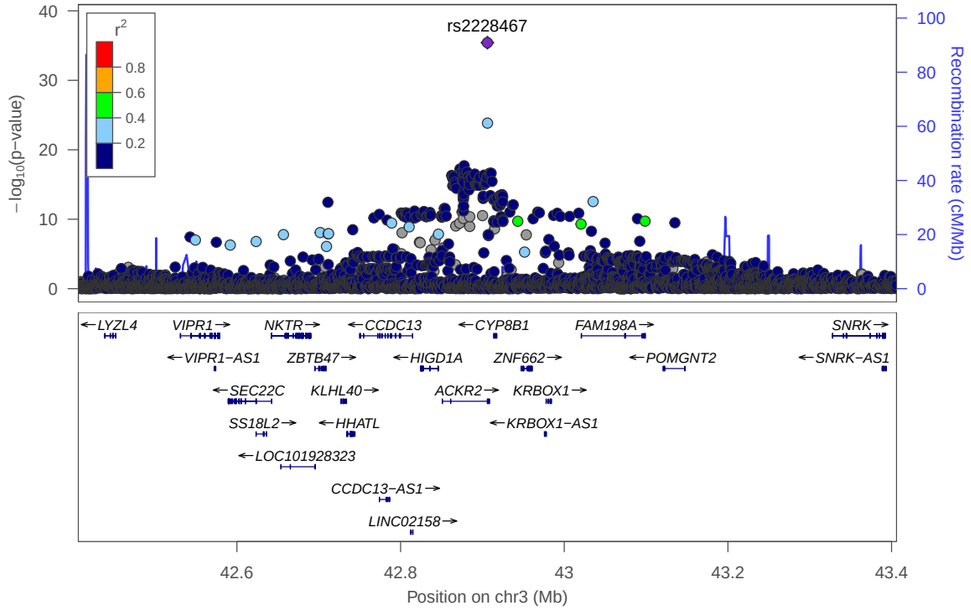
MCP−3 (CCL7) [chr3:42906116_C_T (rs2228467) (T/C) N=11782]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.301	0.04	−0.30 [−0.38; −0.22]	35.7%	33.9%
BioFinder (1496)	−0.289	0.07	−0.29 [−0.42; −0.16]	14.7%	14.9%
EGCUT (487)	−0.288	0.12	−0.29 [−0.52; −0.05]	4.5%	4.7%
KORA (1064)	−0.400	0.08	−0.40 [−0.56; −0.24]	9.8%	10.1%
NSPHS (866)	−0.509	0.09	−0.51 [−0.68; −0.34]	8.3%	8.6%
ORCADES (982)	−0.269	0.09	−0.27 [−0.45; −0.09]	7.6%	7.8%
RECOMBINE (447)	−0.223	0.22	−0.22 [−0.65; 0.20]	1.3%	1.4%
STANLEY (344)	−0.457	0.13	−0.46 [−0.70; −0.21]	4.0%	4.2%
STANLEY (300)	−0.196	0.13	−0.20 [−0.46; 0.07]	3.5%	3.7%
VIS (900)	−0.226	0.08	−0.23 [−0.38; −0.07]	10.5%	10.8%
Common effect model			**−0.32 [−0.37; −0.27]**	**100.0%**	**––**
Random effects model			**−0.32 [−0.37; −0.27]**	**––**	**100.0%**



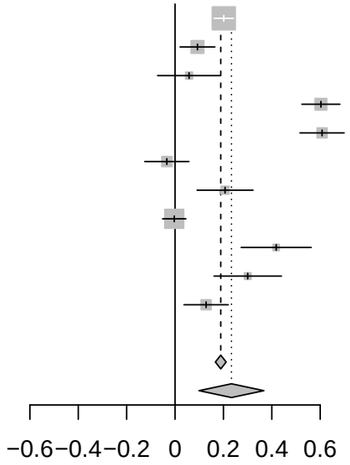
Heterogeneity: I^2 = 11%, τ^2 = 0.0002, p = 0.34

MCP−3 (CCL7)−rs2228467

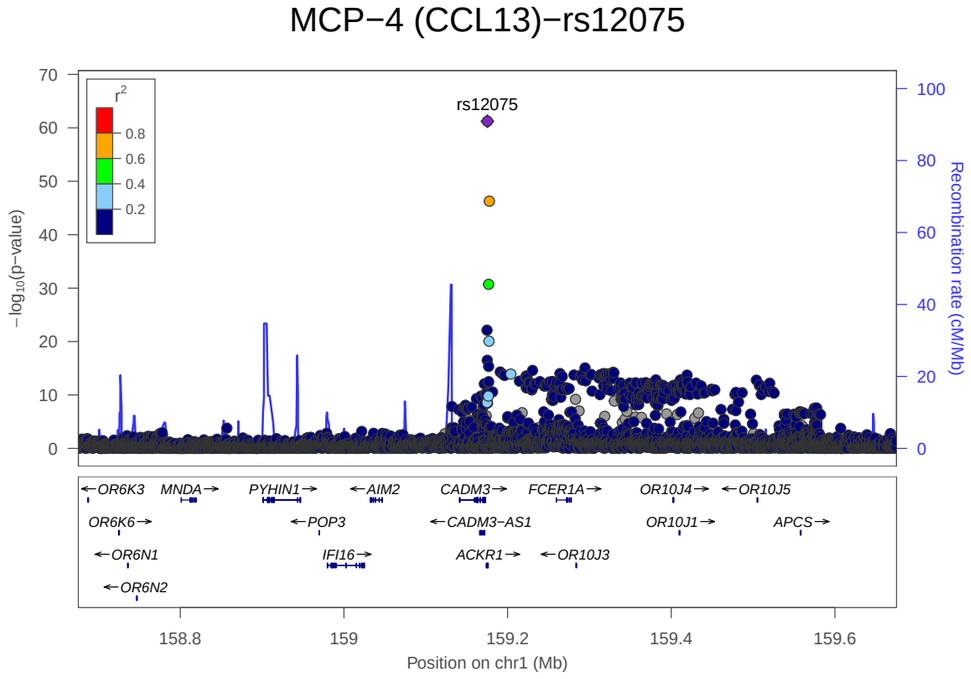


MCP−4 (CCL13) [chr1:159175354_A_G (rs12075) (A/G) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.201	0.02	0.20 [0.16; 0.24]	31.6%	9.5%
BioFinder (1496)	0.093	0.04	0.09 [0.02; 0.16]	9.6%	9.3%
EGCUT (487)	0.058	0.07	0.06 [−0.07; 0.19]	2.9%	8.8%
KORA (1064)	0.603	0.04	0.60 [0.52; 0.68]	8.0%	9.3%
NSPHS (866)	0.608	0.05	0.61 [0.52; 0.70]	5.9%	9.2%
ORCADES (982)	−0.034	0.05	−0.03 [−0.13; 0.06]	6.0%	9.2%
RECOMBINE (445)	0.207	0.06	0.21 [0.09; 0.32]	3.7%	8.9%
STABILITY (2951)	−0.003	0.02	−0.00 [−0.05; 0.04]	21.4%	9.5%
STANLEY (344)	0.418	0.07	0.42 [0.27; 0.56]	2.4%	8.6%
STANLEY (300)	0.300	0.07	0.30 [0.16; 0.44]	2.6%	8.7%
VIS (902)	0.128	0.05	0.13 [0.04; 0.22]	5.9%	9.2%
Common effect model			**0.19 [0.17; 0.21]**	**100.0%**	**––**
Random effects model			**0.23 [0.10; 0.37]**	**––**	**100.0%**

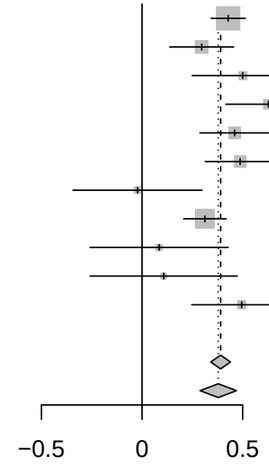


Heterogeneity: I^2 = 97%, τ^2 = 0.0489, p < 0.01

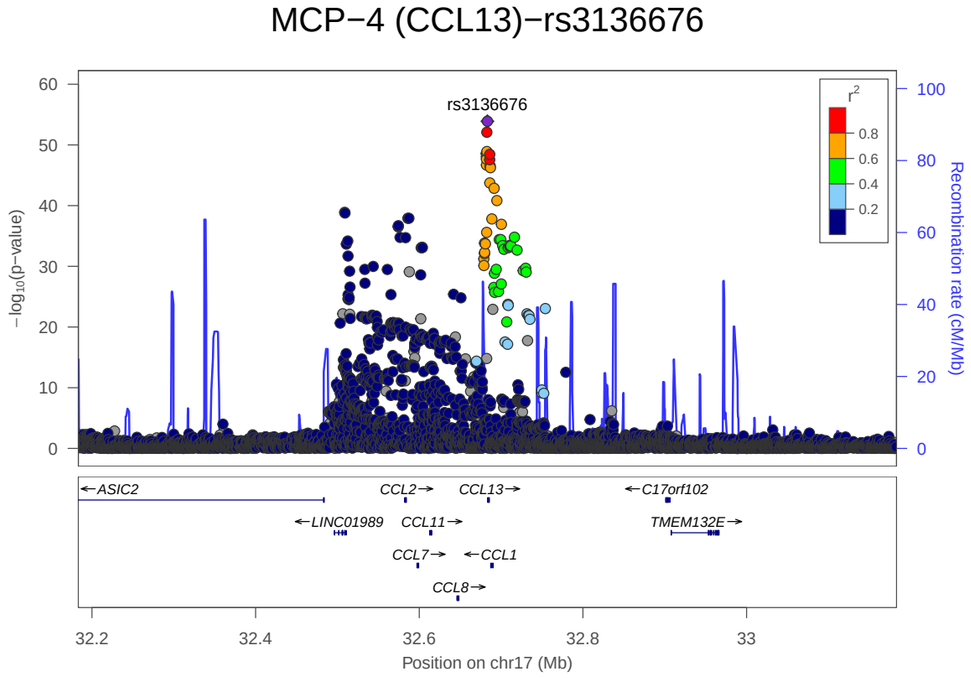


MCP−4 (CCL13) [chr17:32683289_A_G (rs3136676) (A/G) N=14728]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.428	0.04	0.43 [0.34; 0.51]	33.3%	14.9%
BioFinder (1496)	0.296	0.08	0.30 [0.14; 0.46]	9.6%	11.2%
EGCUT (487)	0.500	0.13	0.50 [0.25; 0.75]	3.8%	7.4%
KORA (1064)	0.628	0.11	0.63 [0.42; 0.84]	5.4%	8.9%
NSPHS (866)	0.460	0.09	0.46 [0.29; 0.63]	8.1%	10.6%
ORCADES (982)	0.487	0.09	0.49 [0.31; 0.66]	8.0%	10.5%
RECOMBINE (440)	−0.022	0.16	−0.02 [−0.34; 0.30]	2.3%	5.5%
STABILITY (2951)	0.312	0.05	0.31 [0.21; 0.42]	21.7%	14.0%
STANLEY (344)	0.085	0.18	0.08 [−0.26; 0.43]	2.1%	5.0%
STANLEY (300)	0.108	0.19	0.11 [−0.26; 0.47]	1.8%	4.5%
VIS (902)	0.495	0.13	0.50 [0.25; 0.74]	3.9%	7.5%
Common effect model			**0.39 [0.34; 0.44]**	**100.0%**	**––**
Random effects model			**0.38 [0.29; 0.47]**	**––**	**100.0%**

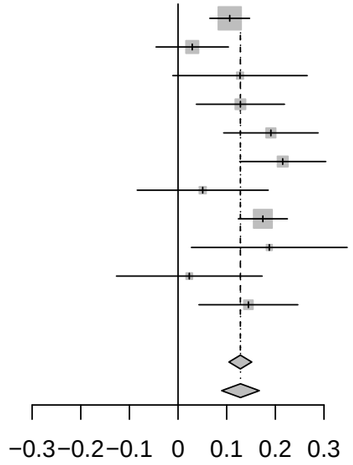


Heterogeneity: I^2 = 58%, τ^2 = 0.0124, p < 0.01

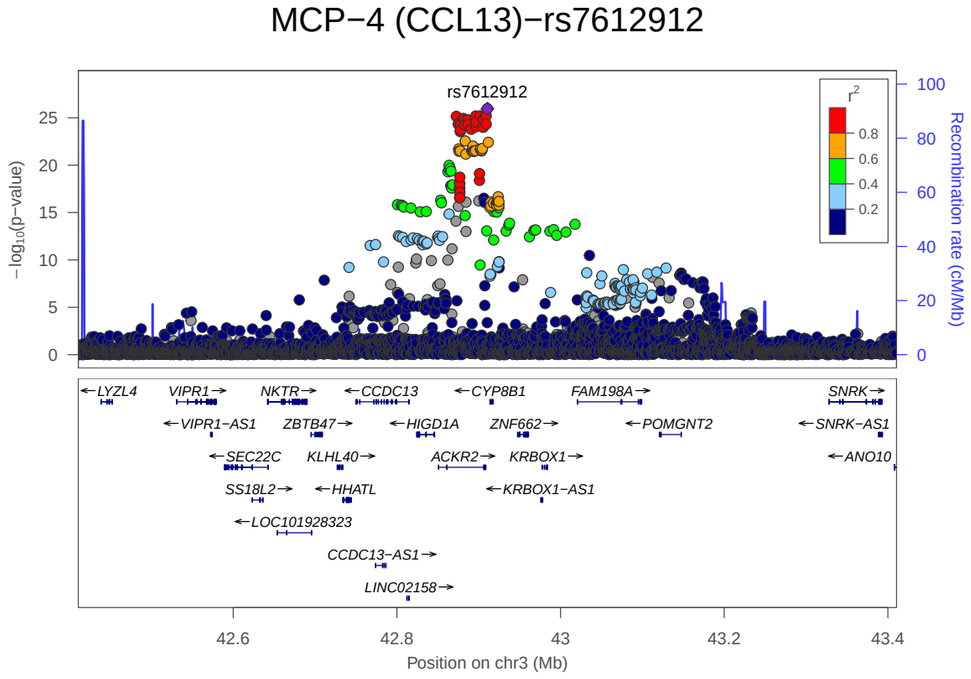


MCP−4 (CCL13) [chr3:42910621_C_T (rs7612912) (T/C) N=14714]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.106	0.02	0.11 [0.07; 0.15]	32.9%	16.3%
BioFinder (1496)	0.029	0.04	0.03 [−0.05; 0.10]	10.0%	11.5%
EGCUT (487)	0.127	0.07	0.13 [−0.01; 0.27]	2.9%	5.6%
KORA (1064)	0.128	0.05	0.13 [0.04; 0.22]	6.7%	9.5%
NSPHS (866)	0.191	0.05	0.19 [0.09; 0.29]	5.9%	8.8%
ORCADES (982)	0.215	0.05	0.22 [0.13; 0.30]	7.0%	9.7%
RECOMBINE (426)	0.051	0.07	0.05 [−0.08; 0.19]	3.0%	5.8%
STABILITY (2951)	0.174	0.03	0.17 [0.12; 0.22]	21.6%	14.9%
STANLEY (344)	0.188	0.08	0.19 [0.03; 0.35]	2.1%	4.5%
STANLEY (300)	0.023	0.08	0.02 [−0.13; 0.17]	2.5%	5.0%
VIS (902)	0.145	0.05	0.14 [0.04; 0.25]	5.3%	8.4%
Common effect model			**0.13 [0.10; 0.15]**	**100.0%**	**––**
Random effects model			**0.13 [0.09; 0.17]**	**––**	**100.0%**

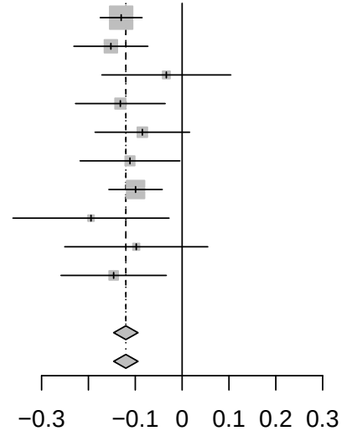


Heterogeneity: I^2 = 51%, τ^2 = 0.0020, p = 0.03



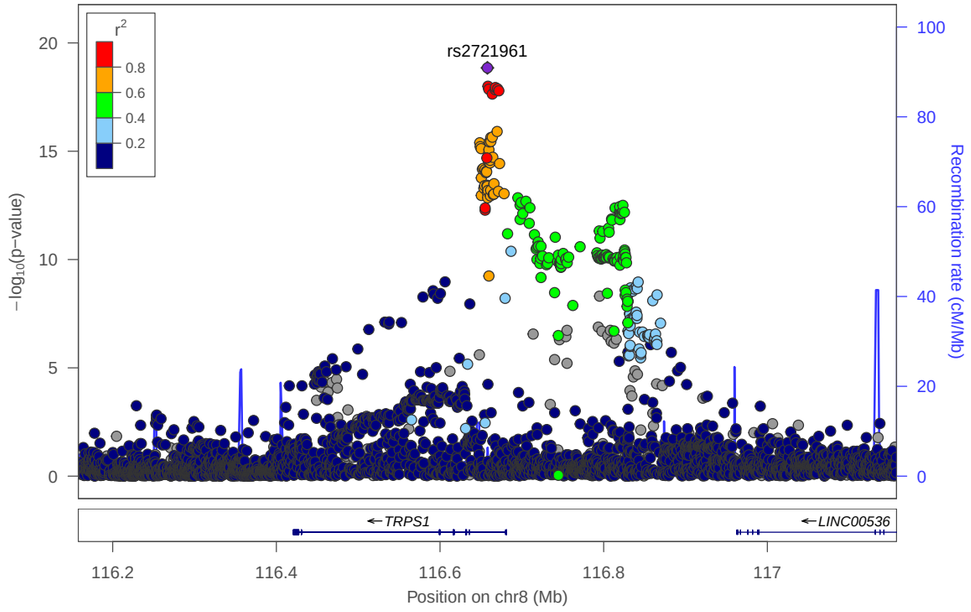
MCP−4 (CCL13) [chr8:116657911_G_T (rs2721961) (T/G) N=14288]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.130	0.02	−0.13 [−0.17; −0.09]	34.0%	34.0%
BioFinder (1496)	−0.152	0.04	−0.15 [−0.23; −0.07]	10.9%	10.9%
EGCUT (487)	−0.034	0.07	−0.03 [−0.17; 0.10]	3.6%	3.6%
KORA (1064)	−0.132	0.05	−0.13 [−0.23; −0.04]	7.4%	7.4%
NSPHS (866)	−0.085	0.05	−0.08 [−0.19; 0.02]	6.6%	6.6%
ORCADES (982)	−0.111	0.05	−0.11 [−0.22; −0.00]	6.0%	6.0%
STABILITY (2951)	−0.099	0.03	−0.10 [−0.16; −0.04]	20.9%	20.9%
STANLEY (344)	−0.195	0.09	−0.19 [−0.36; −0.03]	2.4%	2.4%
STANLEY (300)	−0.098	0.08	−0.10 [−0.25; 0.05]	2.9%	2.9%
VIS (902)	−0.146	0.06	−0.15 [−0.26; −0.03]	5.4%	5.4%
Common effect model			**−0.12 [−0.15; −0.09]**	**100.0%**	**––**
Random effects model			**−0.12 [−0.15; −0.09]**	**––**	**100.0%**



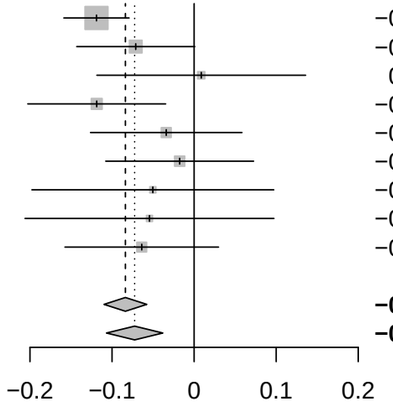
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.88

MCP−4 (CCL13)−rs2721961

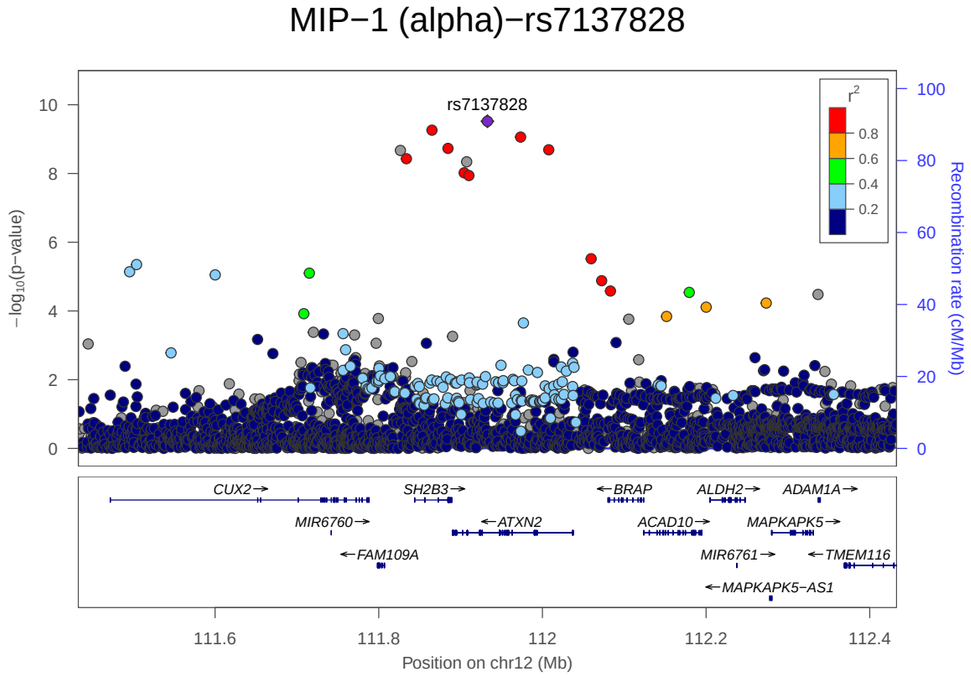


MIP−1 alpha (CCL3) [chr12:111932800_C_T (rs7137828) (T/C) N=11344]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.119	0.02	−0.12 [−0.16; −0.08]	42.9%	26.6%
BioFinder (1496)	−0.071	0.04	−0.07 [−0.14; 0.00]	13.1%	14.7%
EGCUT (487)	0.009	0.06	0.01 [−0.12; 0.14]	4.2%	6.2%
KORA (1064)	−0.119	0.04	−0.12 [−0.20; −0.03]	9.6%	11.9%
NSPHS (874)	−0.034	0.05	−0.03 [−0.13; 0.06]	8.0%	10.4%
ORCADES (982)	−0.018	0.05	−0.02 [−0.11; 0.07]	8.4%	10.7%
STANLEY (344)	−0.050	0.08	−0.05 [−0.20; 0.10]	3.1%	4.8%
STANLEY (300)	−0.054	0.08	−0.05 [−0.21; 0.10]	3.0%	4.6%
VIS (901)	−0.064	0.05	−0.06 [−0.16; 0.03]	7.8%	10.2%
Common effect model			**−0.08 [−0.11; −0.06]**	**100.0%**	**––**
Random effects model			**−0.07 [−0.11; −0.04]**	**––**	**100.0%**

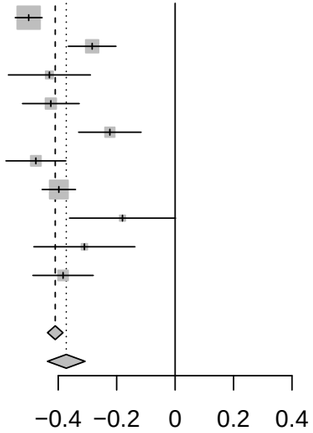


Heterogeneity: I^2 = 16%, τ^2 = 0.0007, p = 0.30

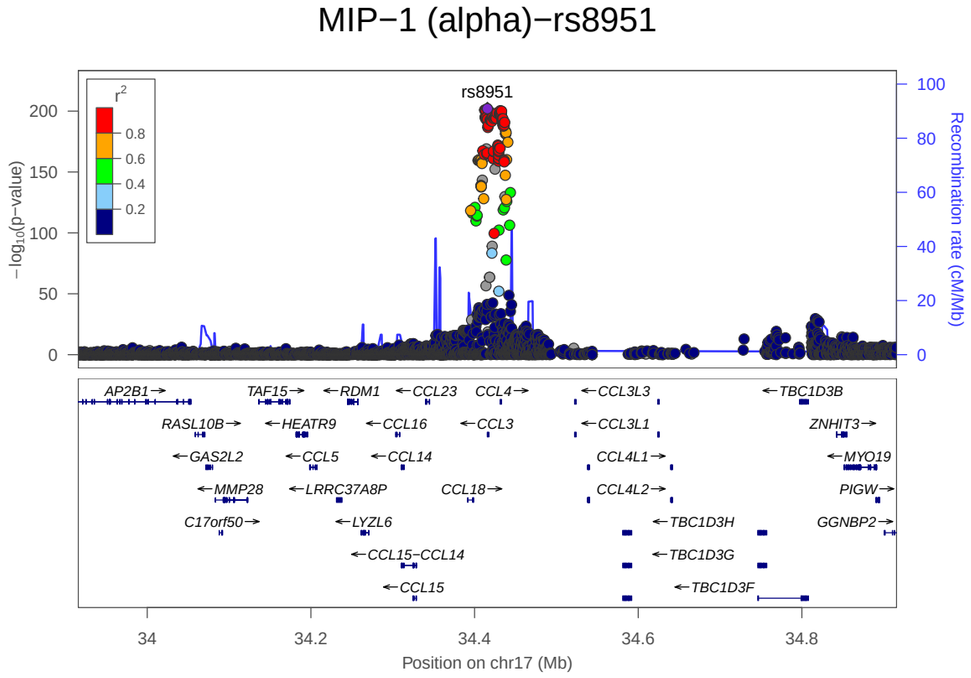


MIP−1 alpha (CCL3) [chr17:34415720_C_T (rs8951) (T/C) N=14295]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.501	0.02	−0.50 [−0.55; −0.46]	33.1%	13.0%
BioFinder (1496)	−0.284	0.04	−0.28 [−0.37; −0.20]	10.5%	11.4%
EGCUT (487)	−0.430	0.07	−0.43 [−0.57; −0.29]	3.6%	8.4%
KORA (1064)	−0.425	0.05	−0.43 [−0.52; −0.33]	7.4%	10.6%
NSPHS (874)	−0.223	0.05	−0.22 [−0.33; −0.12]	6.1%	10.1%
ORCADES (982)	−0.476	0.05	−0.48 [−0.58; −0.37]	6.7%	10.3%
STABILITY (2951)	−0.398	0.03	−0.40 [−0.45; −0.34]	21.5%	12.5%
STANLEY (344)	−0.180	0.09	−0.18 [−0.36; 0.00]	2.1%	6.6%
STANLEY (300)	−0.310	0.09	−0.31 [−0.48; −0.14]	2.3%	6.9%
VIS (901)	−0.383	0.05	−0.38 [−0.49; −0.28]	6.6%	10.2%
Common effect model			**−0.41 [−0.44; −0.38]**	**100.0%**	**––**
Random effects model			**−0.37 [−0.44; −0.31]**	**––**	**100.0%**

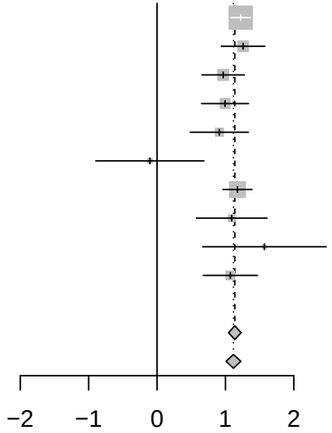


Heterogeneity: I^2 = 80%, τ^2 = 0.0078, p < 0.01

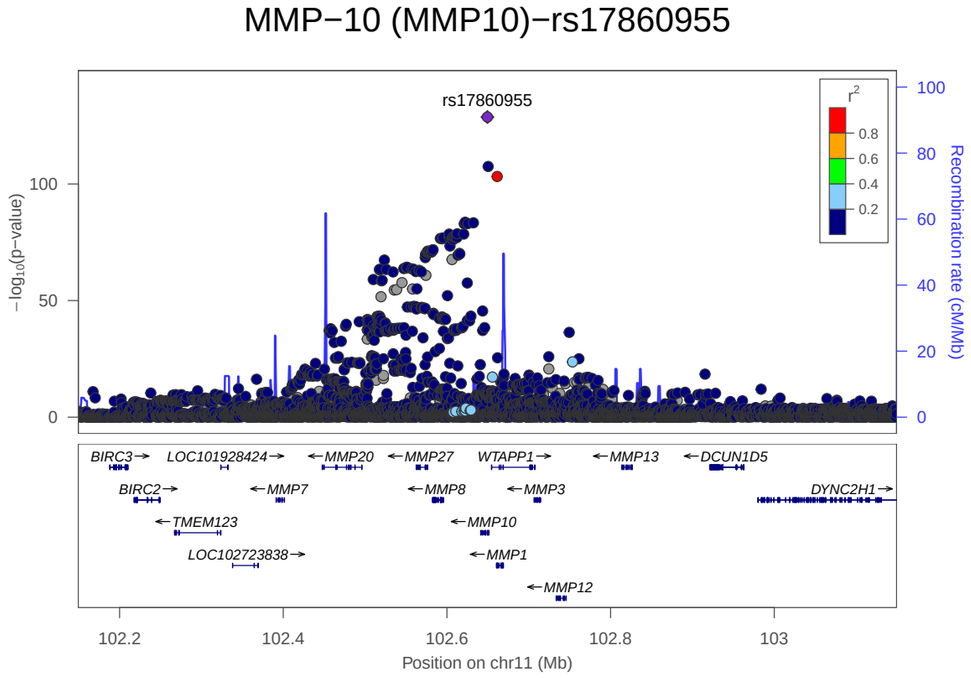


MMP−10 (MMP10) [chr11:102649482_C_T (rs17860955) (T/C) N=14256]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	1.224	0.07	1.22 [1.08; 1.37]	41.4%	31.7%
BioFinder (1496)	1.258	0.16	1.26 [0.94; 1.58]	8.3%	9.9%
KORA (1064)	0.967	0.16	0.97 [0.66; 1.28]	8.8%	10.4%
NSPHS (874)	0.994	0.18	0.99 [0.65; 1.34]	7.2%	8.8%
ORCADES (982)	0.911	0.22	0.91 [0.48; 1.34]	4.7%	6.0%
RECOMBINE (447)	−0.105	0.40	−0.10 [−0.90; 0.69]	1.4%	1.8%
STABILITY (2951)	1.175	0.11	1.18 [0.96; 1.39]	18.7%	19.0%
STANLEY (344)	1.092	0.26	1.09 [0.57; 1.61]	3.2%	4.1%
STANLEY (300)	1.570	0.46	1.57 [0.67; 2.47]	1.0%	1.4%
VIS (902)	1.072	0.20	1.07 [0.67; 1.47]	5.4%	6.8%
Common effect model			**1.14 [1.04; 1.23]**	**100.0%**	**––**
Random effects model			**1.12 [1.01; 1.23]**	**––**	**100.0%**

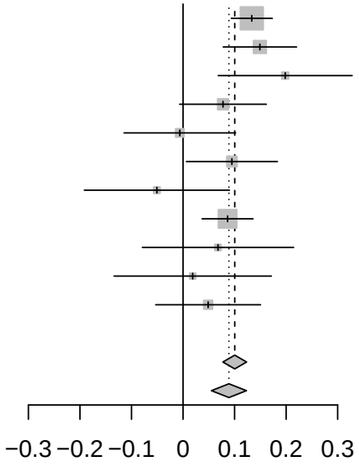


Heterogeneity: I^2 = 42%, τ^2 = 0.0043, p = 0.08



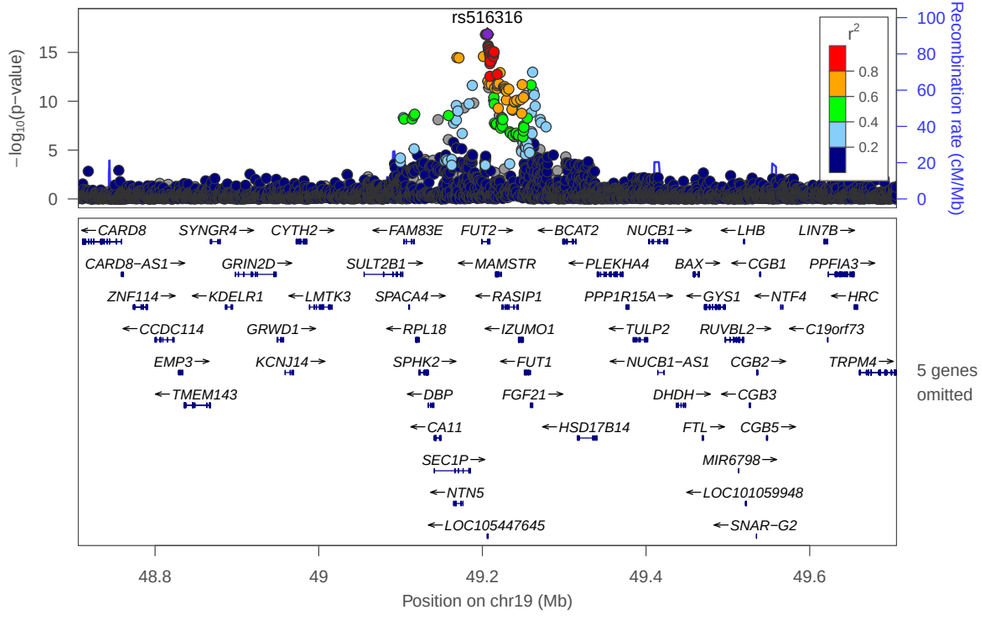
MMP−10 (MMP10) [chr19:49206145_C_G (rs516316) (C/G) N=14742]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.133	0.02	0.13 [0.09; 0.17]	33.4%	18.8%
BioFinder (1496)	0.149	0.04	0.15 [0.08; 0.22]	10.5%	12.0%
EGCUT (487)	0.198	0.07	0.20 [0.07; 0.33]	3.1%	5.4%
KORA (1064)	0.078	0.04	0.08 [−0.01; 0.16]	7.5%	9.9%
NSPHS (874)	−0.006	0.06	−0.01 [−0.11; 0.10]	4.5%	7.1%
ORCADES (982)	0.095	0.05	0.09 [0.01; 0.18]	6.8%	9.3%
RECOMBINE (446)	−0.051	0.07	−0.05 [−0.19; 0.09]	2.7%	4.7%
STABILITY (2951)	0.086	0.03	0.09 [0.04; 0.14]	21.6%	16.5%
STANLEY (344)	0.068	0.07	0.07 [−0.08; 0.21]	2.5%	4.4%
STANLEY (300)	0.019	0.08	0.02 [−0.13; 0.17]	2.3%	4.1%
VIS (902)	0.049	0.05	0.05 [−0.05; 0.15]	5.1%	7.7%
Common effect model			**0.10 [0.08; 0.12]**	**100.0%**	**––**
Random effects model			**0.09 [0.06; 0.12]**	**––**	**100.0%**



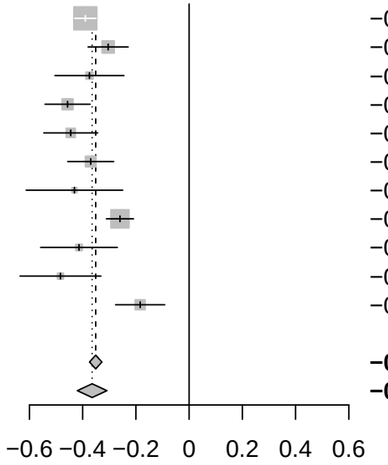
Heterogeneity: I^2 = 43%, τ^2 = 0.0012, p = 0.06

MMP−10 (MMP10)−rs516316

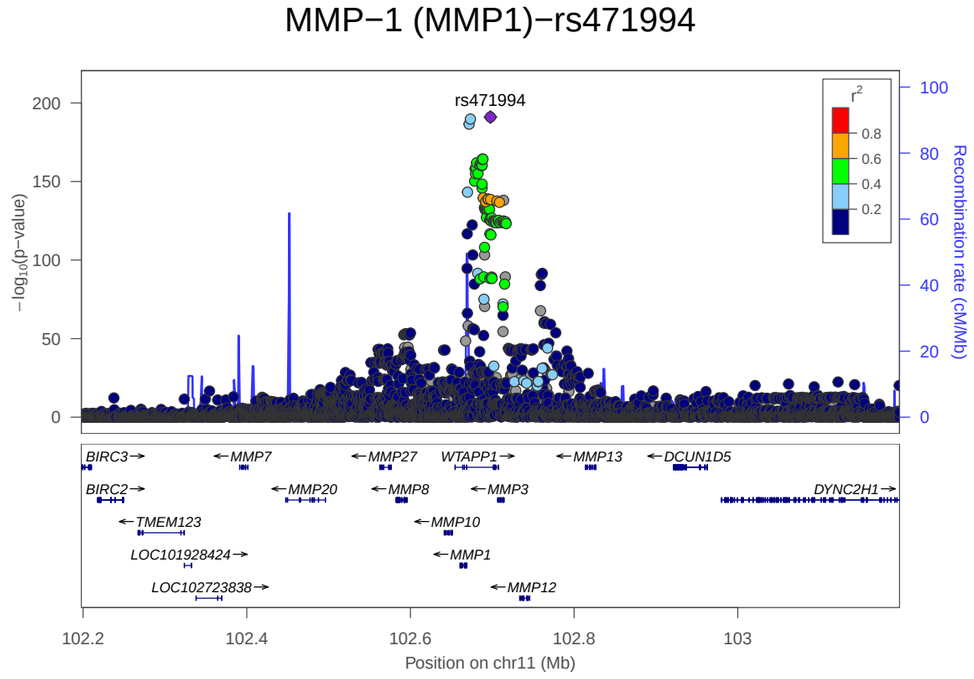


MMP−1 (MMP1) [chr11:102697731_A_G (rs471994) (A/G) N=14729]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.390	0.02	−0.39 [−0.43; −0.35]	33.4%	12.2%
BioFinder (1496)	−0.304	0.04	−0.30 [−0.38; −0.23]	9.5%	10.5%
EGCUT (487)	−0.374	0.07	−0.37 [−0.50; −0.24]	3.2%	7.6%
KORA (1064)	−0.457	0.04	−0.46 [−0.54; −0.37]	7.5%	10.0%
NSPHS (874)	−0.445	0.05	−0.44 [−0.55; −0.34]	5.3%	9.1%
ORCADES (982)	−0.370	0.04	−0.37 [−0.46; −0.28]	7.2%	9.9%
RECOMBINE (433)	−0.431	0.09	−0.43 [−0.61; −0.25]	1.6%	5.5%
STABILITY (2951)	−0.260	0.03	−0.26 [−0.31; −0.21]	20.9%	11.8%
STANLEY (344)	−0.414	0.07	−0.41 [−0.56; −0.27]	2.6%	7.0%
STANLEY (300)	−0.483	0.08	−0.48 [−0.64; −0.33]	2.3%	6.6%
VIS (902)	−0.184	0.05	−0.18 [−0.28; −0.09]	6.3%	9.6%
Common effect model			**−0.35 [−0.37; −0.33]**	**100.0%**	**––**
Random effects model			**−0.36 [−0.42; −0.31]**	**––**	**100.0%**

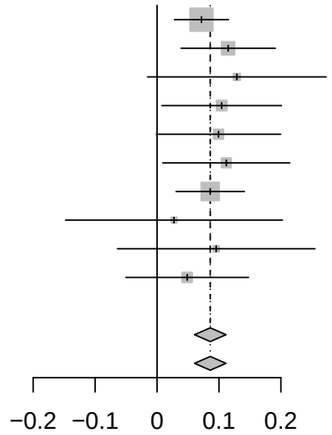


Heterogeneity: I^2 = 77%, τ^2 = 0.0062, p < 0.01

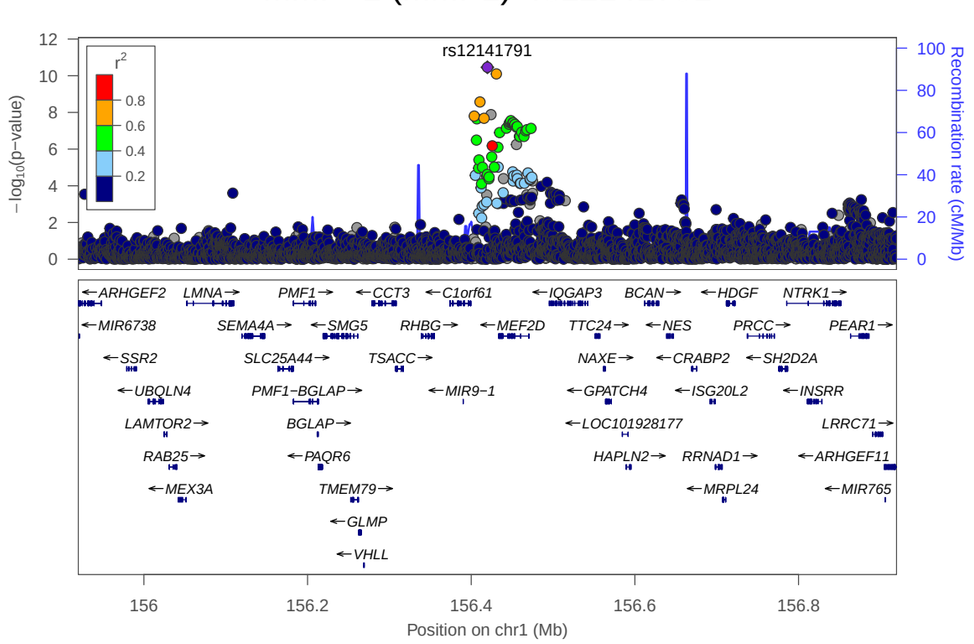


MMP−1 (MMP1) [chr1:156419786_A_G (rs12141791) (A/G) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.072	0.02	0.07 [0.03; 0.12]	33.9%	33.9%
BioFinder (1496)	0.115	0.04	0.11 [0.04; 0.19]	11.1%	11.1%
EGCUT (487)	0.129	0.07	0.13 [−0.02; 0.27]	3.1%	3.1%
KORA (1064)	0.104	0.05	0.10 [0.01; 0.20]	6.9%	6.9%
NSPHS (874)	0.099	0.05	0.10 [−0.00; 0.20]	6.4%	6.4%
ORCADES (982)	0.112	0.05	0.11 [0.01; 0.21]	6.1%	6.1%
STABILITY (2951)	0.086	0.03	0.09 [0.03; 0.14]	21.2%	21.2%
STANLEY (344)	0.027	0.09	0.03 [−0.15; 0.20]	2.1%	2.1%
STANLEY (300)	0.096	0.08	0.10 [−0.06; 0.26]	2.5%	2.5%
VIS (902)	0.049	0.05	0.05 [−0.05; 0.15]	6.6%	6.6%
Common effect model			**0.09 [0.06; 0.11]**	**100.0%**	**––**
Random effects model			**0.09 [0.06; 0.11]**	**––**	**100.0%**

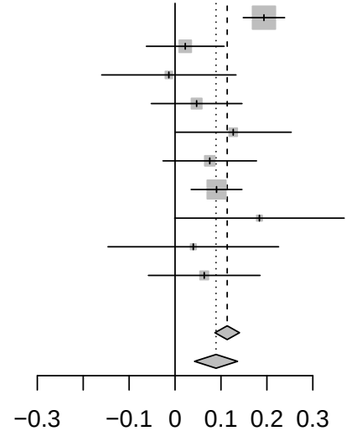


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.97

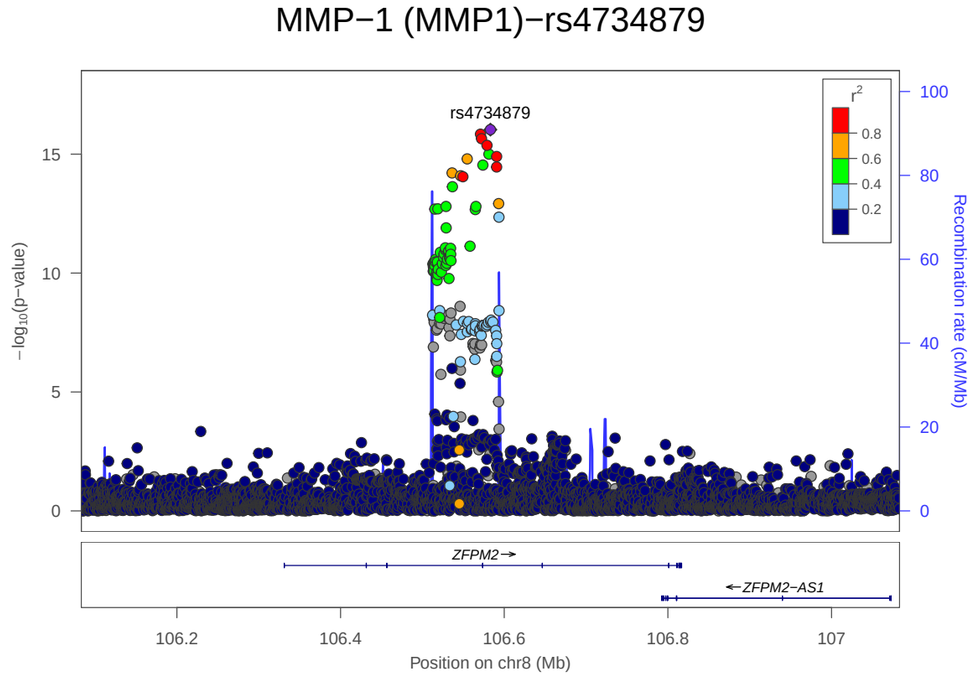


MMP−1 (MMP1) [chr8:106583124_A_G (rs4734879) (A/G) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.194	0.02	0.19 [0.15; 0.24]	35.4%	17.2%
BioFinder (1496)	0.022	0.04	0.02 [−0.06; 0.11]	10.0%	12.3%
EGCUT (487)	−0.013	0.07	−0.01 [−0.16; 0.13]	3.4%	6.8%
KORA (1064)	0.047	0.05	0.05 [−0.05; 0.15]	7.4%	10.7%
NSPHS (874)	0.127	0.06	0.13 [0.00; 0.25]	4.5%	8.2%
ORCADES (982)	0.076	0.05	0.08 [−0.03; 0.18]	6.9%	10.4%
STABILITY (2951)	0.090	0.03	0.09 [0.04; 0.15]	23.5%	15.9%
STANLEY (344)	0.184	0.09	0.18 [−0.00; 0.37]	2.1%	4.9%
STANLEY (300)	0.040	0.09	0.04 [−0.15; 0.23]	2.1%	4.8%
VIS (902)	0.064	0.06	0.06 [−0.06; 0.19]	4.9%	8.6%
Common effect model			**0.11 [0.09; 0.14]**	**100.0%**	**––**
Random effects model			**0.09 [0.04; 0.14]**	**––**	**100.0%**

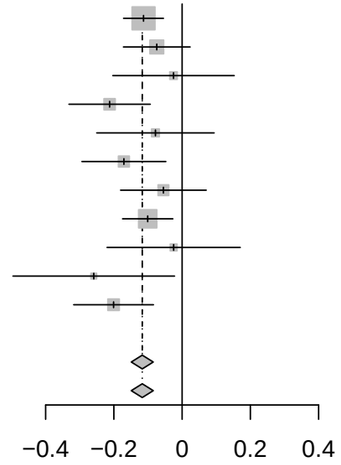


Heterogeneity: I^2 = 63%, τ^2 = 0.0028, p < 0.01

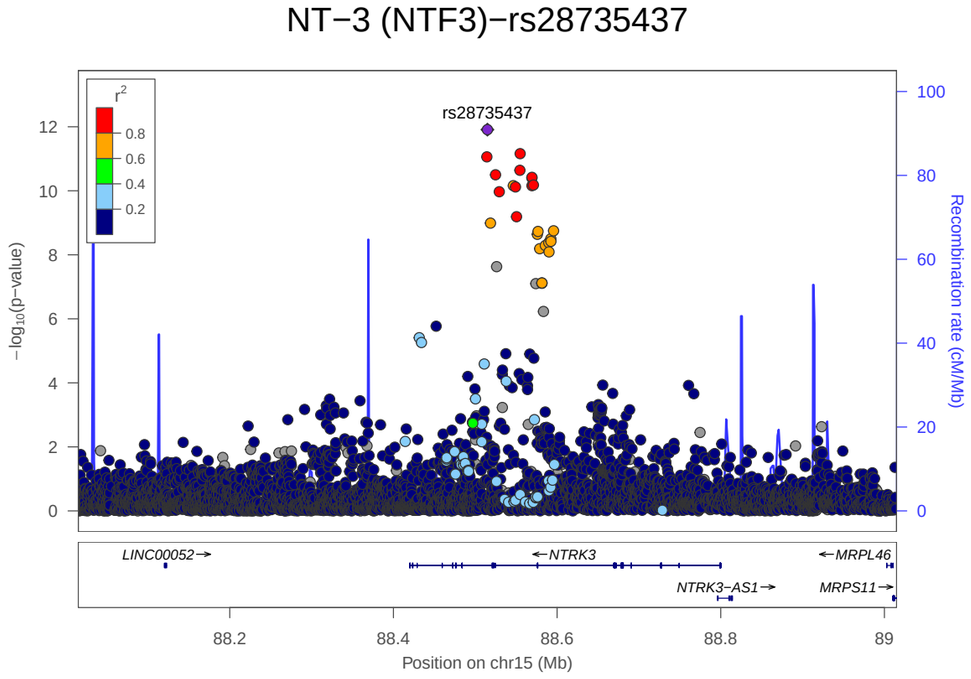


NT−3 (NTF3) [chr15:88514855_C_G (rs28735437) (C/G) N=14737]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.113	0.03	−0.11 [−0.17; −0.05]	30.3%	30.3%
BioFinder (1496)	−0.074	0.05	−0.07 [−0.17; 0.02]	10.9%	10.9%
EGCUT (487)	−0.025	0.09	−0.03 [−0.20; 0.15]	3.3%	3.3%
KORA (1064)	−0.212	0.06	−0.21 [−0.33; −0.09]	7.3%	7.3%
NSPHS (874)	−0.078	0.09	−0.08 [−0.25; 0.09]	3.5%	3.5%
ORCADES (982)	−0.171	0.06	−0.17 [−0.29; −0.05]	6.9%	6.9%
RECOMBINE (441)	−0.055	0.06	−0.05 [−0.18; 0.07]	6.6%	6.6%
STABILITY (2951)	−0.101	0.04	−0.10 [−0.17; −0.03]	19.1%	19.1%
STANLEY (344)	−0.025	0.10	−0.02 [−0.22; 0.17]	2.7%	2.7%
STANLEY (300)	−0.259	0.12	−0.26 [−0.50; −0.02]	1.9%	1.9%
VIS (902)	−0.201	0.06	−0.20 [−0.32; −0.08]	7.6%	7.6%
Common effect model			**−0.12 [−0.15; −0.08]**	**100.0%**	**−−**
Random effects model			**−0.12 [−0.15; −0.08]**	**−−**	**100.0%**

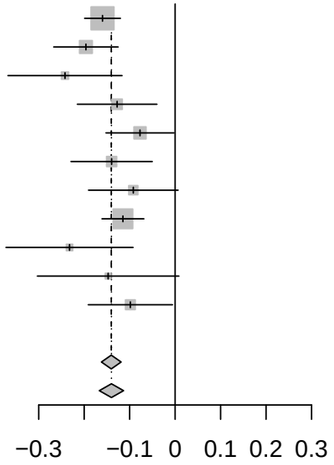


Heterogeneity: I^2 = 5%, τ^2 < 0.0001, p = 0.40

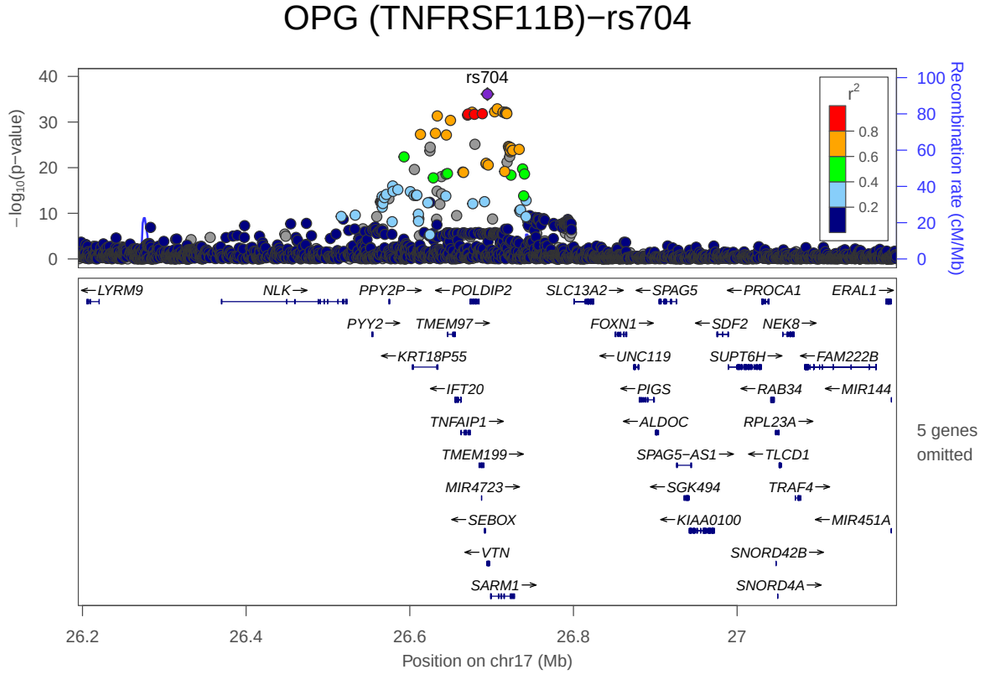


OPG (TNFRSF11B) [chr17:26694861_A_G (rs704) (A/G) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.160	0.02	−0.16 [−0.20; −0.12]	30.3%	22.2%
BioFinder (1496)	−0.196	0.04	−0.20 [−0.27; −0.13]	9.4%	10.7%
EGCUT (487)	−0.242	0.06	−0.24 [−0.37; −0.12]	3.0%	4.1%
KORA (1064)	−0.128	0.04	−0.13 [−0.22; −0.04]	6.1%	7.6%
NSPHS (866)	−0.077	0.04	−0.08 [−0.15; −0.00]	8.4%	9.8%
ORCADES (980)	−0.140	0.05	−0.14 [−0.23; −0.05]	5.9%	7.4%
RECOMBINE (448)	−0.092	0.05	−0.09 [−0.19; 0.01]	4.8%	6.3%
STABILITY (2951)	−0.115	0.02	−0.11 [−0.16; −0.07]	22.1%	18.8%
STANLEY (344)	−0.232	0.07	−0.23 [−0.37; −0.09]	2.4%	3.4%
STANLEY (300)	−0.147	0.08	−0.15 [−0.30; 0.01]	1.9%	2.7%
VIS (901)	−0.098	0.05	−0.10 [−0.19; −0.01]	5.5%	7.0%
Common effect model			**−0.14 [−0.16; −0.12]**	**100.0%**	**––**
Random effects model			**−0.14 [−0.17; −0.11]**	**––**	**100.0%**

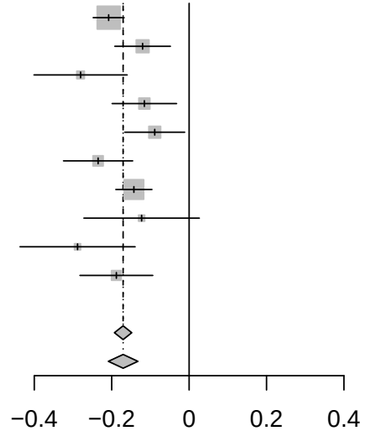


Heterogeneity: I^2 = 24%, τ^2 = 0.0004, p = 0.21

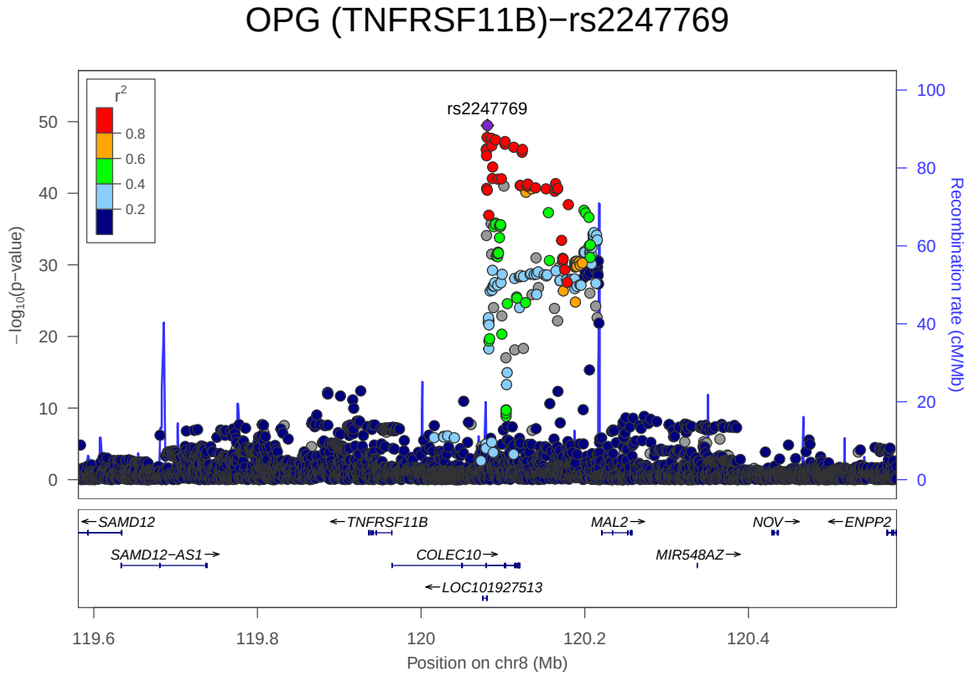


OPG (TNFRSF11B) [chr8:120081031_C_T (rs2247769) (T/C) N=14285]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.208	0.02	−0.21 [−0.25; −0.17]	31.5%	16.4%
BioFinder (1496)	−0.120	0.04	−0.12 [−0.19; −0.05]	9.8%	11.7%
EGCUT (487)	−0.280	0.06	−0.28 [−0.40; −0.16]	3.5%	6.7%
KORA (1064)	−0.116	0.04	−0.12 [−0.20; −0.03]	7.3%	10.3%
NSPHS (866)	−0.089	0.04	−0.09 [−0.17; −0.01]	8.4%	11.0%
ORCADES (980)	−0.235	0.05	−0.24 [−0.32; −0.15]	6.3%	9.6%
STABILITY (2951)	−0.143	0.02	−0.14 [−0.19; −0.10]	23.1%	15.4%
STANLEY (344)	−0.123	0.08	−0.12 [−0.27; 0.03]	2.3%	5.0%
STANLEY (300)	−0.288	0.08	−0.29 [−0.44; −0.14]	2.3%	5.0%
VIS (901)	−0.188	0.05	−0.19 [−0.28; −0.09]	5.7%	9.0%
Common effect model			**−0.17 [−0.19; −0.15]**	**100.0%**	**––**
Random effects model			**−0.17 [−0.21; −0.13]**	**––**	**100.0%**

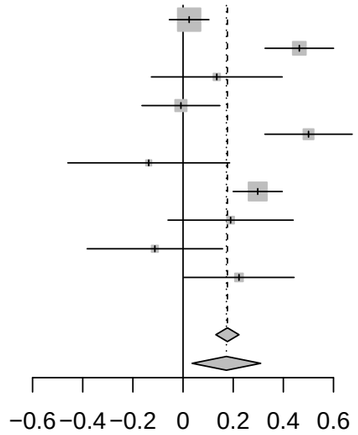


Heterogeneity: I^2 = 57%, τ^2 = 0.0019, p = 0.01

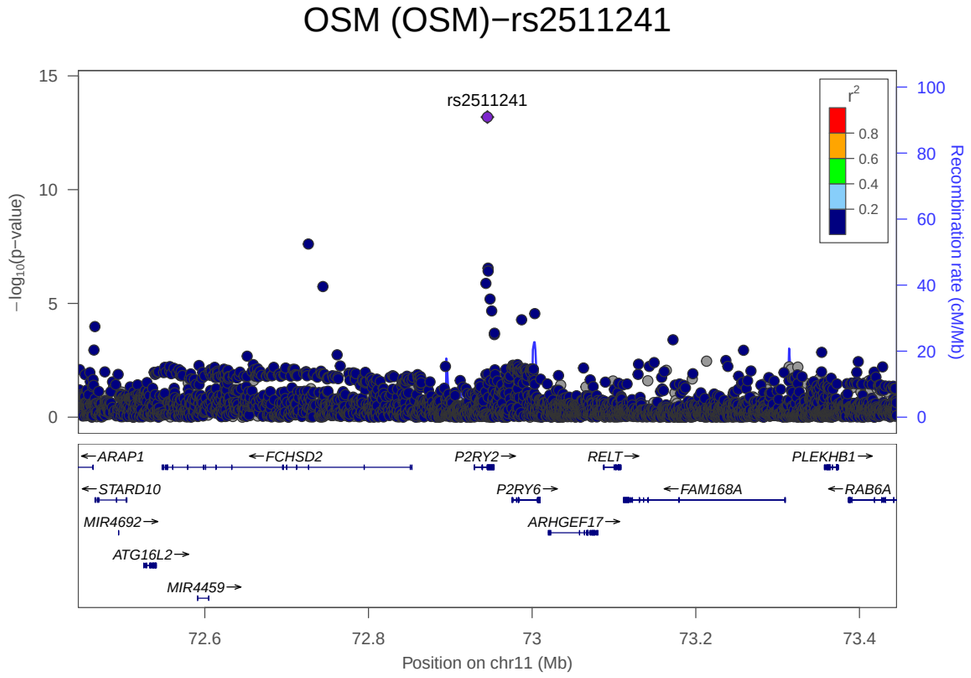


OSM (OSM) [chr11:72945341_C_T (rs2511241) (T/C) N=13668]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.024	0.04	0.02 [−0.05; 0.10]	34.3%	12.2%
BioFinder (1496)	0.464	0.07	0.46 [0.33; 0.60]	11.5%	11.3%
EGCUT (487)	0.135	0.13	0.13 [−0.13; 0.40]	3.1%	8.7%
NSPHS (866)	−0.009	0.08	−0.01 [−0.16; 0.15]	8.9%	10.9%
ORCADES (982)	0.500	0.09	0.50 [0.33; 0.67]	7.1%	10.5%
RECOMBINE (444)	−0.137	0.16	−0.14 [−0.46; 0.19]	2.1%	7.4%
STABILITY (2951)	0.298	0.05	0.30 [0.20; 0.40]	22.3%	11.9%
STANLEY (344)	0.190	0.13	0.19 [−0.06; 0.44]	3.4%	8.9%
STANLEY (300)	−0.112	0.14	−0.11 [−0.38; 0.16]	2.9%	8.5%
VIS (902)	0.223	0.11	0.22 [0.00; 0.44]	4.4%	9.6%
Common effect model			**0.18 [0.13; 0.22]**	**100.0%**	**––**
Random effects model			**0.17 [0.04; 0.31]**	**––**	**100.0%**

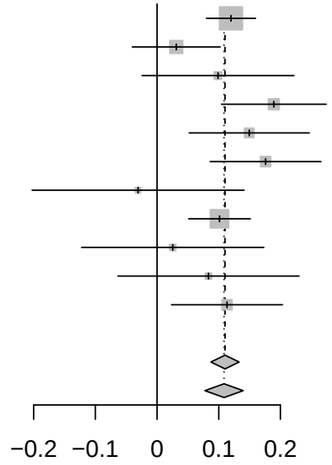


Heterogeneity: I^2 = 86%, τ^2 = 0.0383, p < 0.01

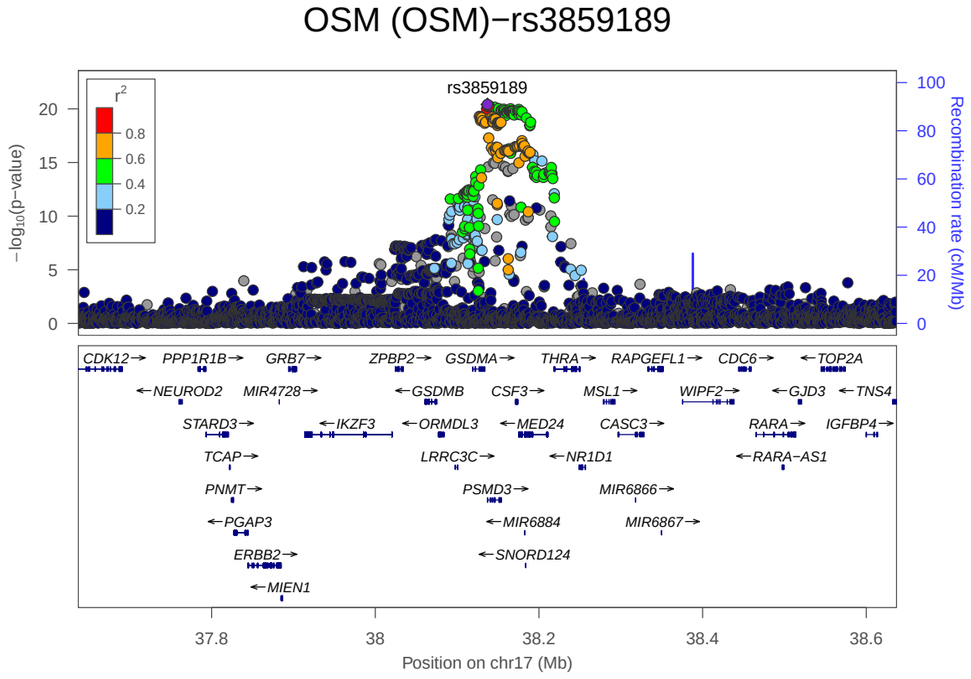


OSM (OSM) [chr17:38137033_A_G (rs3859189) (A/G) N=14729]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.120	0.02	0.12 [0.08; 0.16]	32.9%	20.6%
BioFinder (1496)	0.031	0.04	0.03 [−0.04; 0.10]	10.3%	11.8%
EGCUT (487)	0.099	0.06	0.10 [−0.02; 0.22]	3.5%	5.3%
KORA (1064)	0.189	0.04	0.19 [0.10; 0.27]	7.3%	9.4%
NSPHS (866)	0.149	0.05	0.15 [0.05; 0.25]	5.5%	7.7%
ORCADES (982)	0.176	0.05	0.18 [0.09; 0.27]	6.5%	8.6%
RECOMBINE (441)	−0.031	0.09	−0.03 [−0.20; 0.14]	1.8%	3.0%
STABILITY (2951)	0.101	0.03	0.10 [0.05; 0.15]	21.0%	17.3%
STANLEY (344)	0.025	0.08	0.03 [−0.12; 0.17]	2.4%	3.9%
STANLEY (300)	0.083	0.07	0.08 [−0.06; 0.23]	2.4%	3.9%
VIS (902)	0.113	0.05	0.11 [0.02; 0.20]	6.5%	8.6%
Common effect model			**0.11 [0.09; 0.13]**	**100.0%**	**––**
Random effects model			**0.11 [0.08; 0.14]**	**––**	**100.0%**

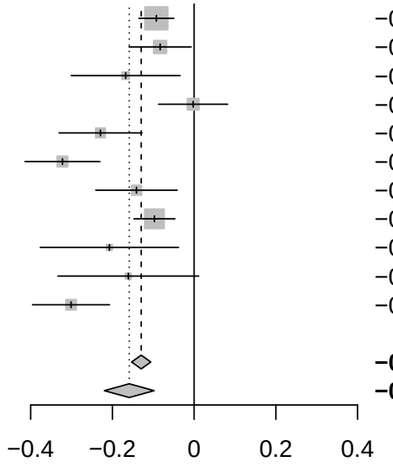


Heterogeneity: I^2 = 34%, τ^2 = 0.0008, p = 0.13

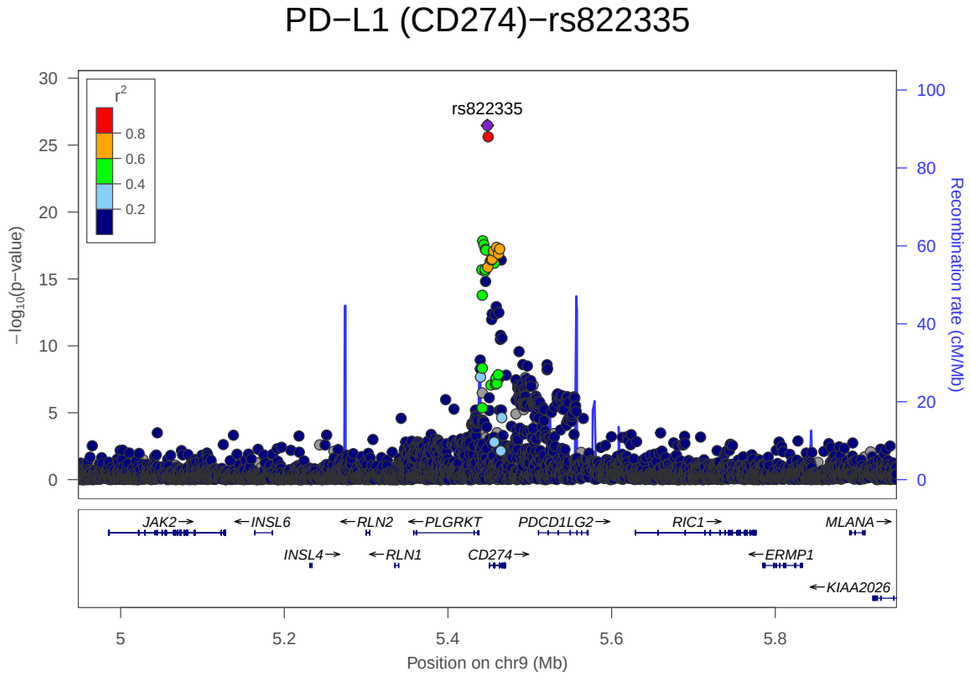


PD−L1 (CD274) [chr9:5448218_C_T (rs822335) (T/C) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.092	0.02	−0.09 [−0.14; −0.05]	30.2%	11.5%
BioFinder (1496)	−0.083	0.04	−0.08 [−0.16; −0.01]	9.6%	10.2%
EGCUT (487)	−0.168	0.07	−0.17 [−0.30; −0.03]	3.1%	7.7%
KORA (1064)	−0.002	0.04	−0.00 [−0.09; 0.08]	7.7%	9.8%
NSPHS (866)	−0.229	0.05	−0.23 [−0.33; −0.13]	5.4%	9.1%
ORCADES (982)	−0.322	0.05	−0.32 [−0.41; −0.23]	6.5%	9.5%
RECOMBINE (448)	−0.141	0.05	−0.14 [−0.24; −0.04]	5.6%	9.2%
STABILITY (2951)	−0.097	0.03	−0.10 [−0.15; −0.05]	21.9%	11.2%
STANLEY (344)	−0.207	0.09	−0.21 [−0.38; −0.04]	1.9%	6.3%
STANLEY (300)	−0.161	0.09	−0.16 [−0.33; 0.01]	1.9%	6.2%
VIS (902)	−0.301	0.05	−0.30 [−0.40; −0.21]	6.2%	9.4%
Common effect model			**−0.13 [−0.15; −0.11]**	**100.0%**	**––**
Random effects model			**−0.16 [−0.22; −0.10]**	**––**	**100.0%**

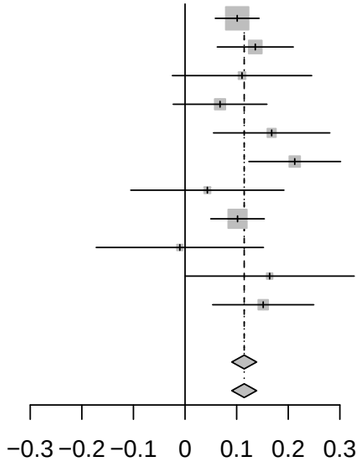


Heterogeneity: I^2 = 80%, τ^2 = 0.0080, p < 0.01

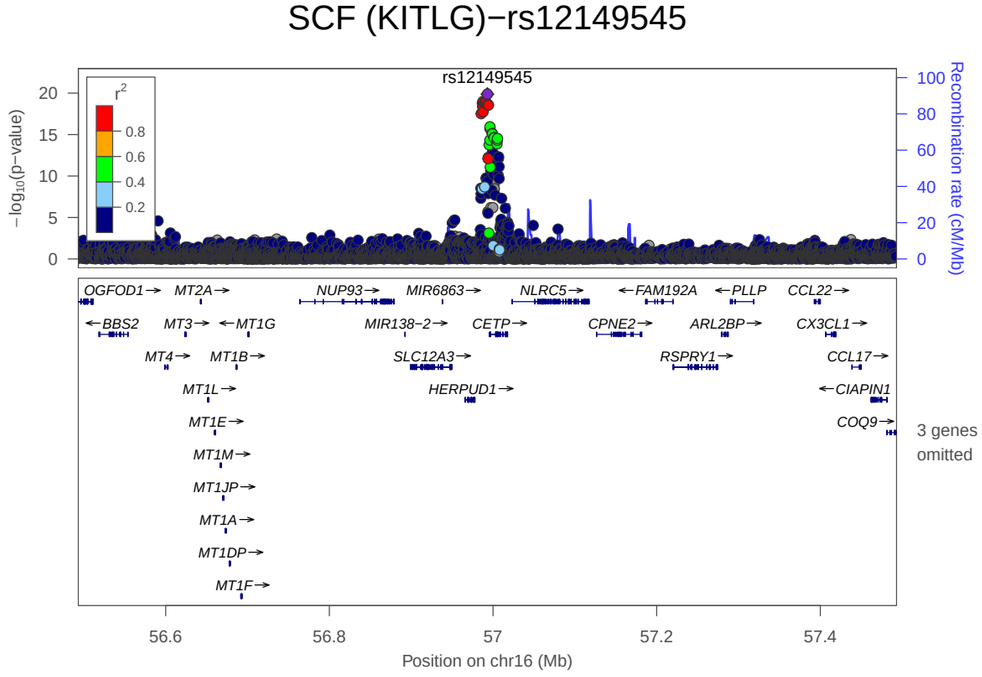


SCF (KITLG) [chr16:56993161_A_G (rs12149545) (A/G) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.101	0.02	0.10 [0.06; 0.14]	32.3%	32.3%
BioFinder (1496)	0.136	0.04	0.14 [0.06; 0.21]	10.7%	10.7%
EGCUT (487)	0.110	0.07	0.11 [−0.02; 0.25]	3.2%	3.2%
KORA (1064)	0.068	0.05	0.07 [−0.02; 0.16]	7.1%	7.1%
NSPHS (866)	0.168	0.06	0.17 [0.06; 0.28]	4.6%	4.6%
ORCADES (982)	0.213	0.05	0.21 [0.12; 0.30]	7.4%	7.4%
RECOMBINE (448)	0.043	0.08	0.04 [−0.11; 0.19]	2.6%	2.6%
STABILITY (2951)	0.102	0.03	0.10 [0.05; 0.15]	21.6%	21.6%
STANLEY (344)	−0.010	0.08	−0.01 [−0.17; 0.15]	2.2%	2.2%
STANLEY (300)	0.164	0.08	0.16 [0.00; 0.33]	2.2%	2.2%
VIS (902)	0.151	0.05	0.15 [0.05; 0.25]	6.1%	6.1%
Common effect model			**0.11 [0.09; 0.14]**	**100.0%**	**––**
Random effects model			**0.11 [0.09; 0.14]**	**––**	**100.0%**

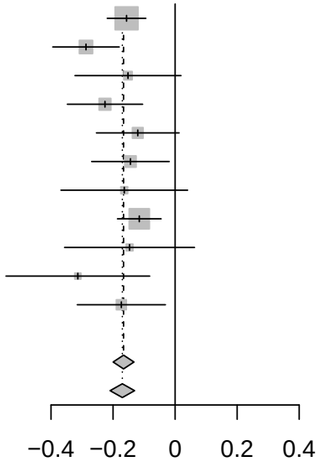


Heterogeneity: I^2 = 13%, τ^2 < 0.0001, p = 0.32

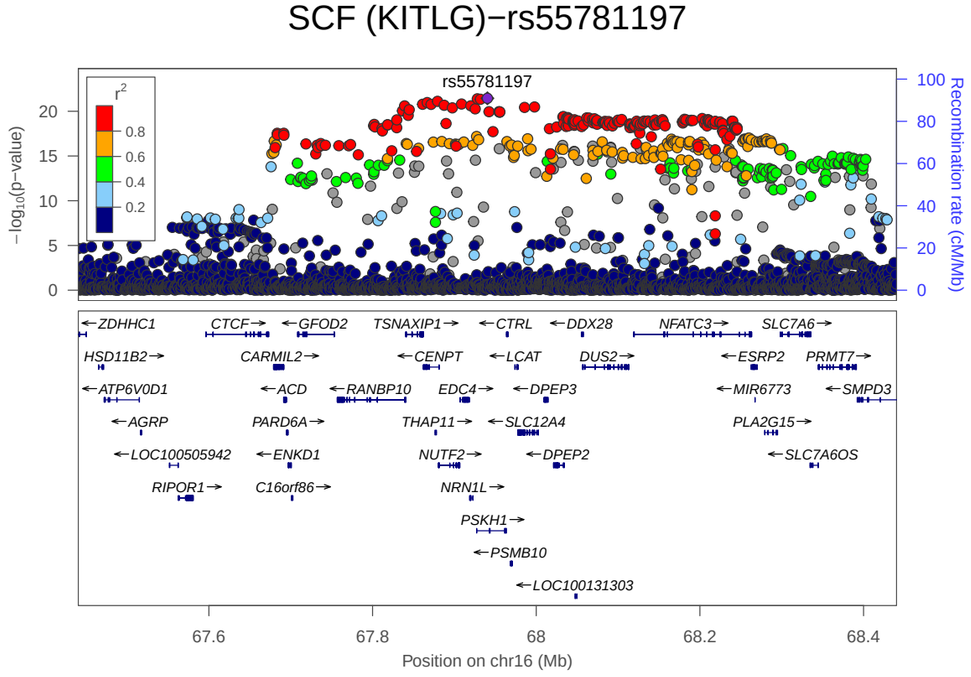


SCF (KITLG) [chr16:67940350_A_G (rs55781197) (A/G) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.157	0.03	−0.16 [−0.22; −0.09]	29.2%	23.1%
BioFinder (1496)	−0.287	0.05	−0.29 [−0.39; −0.18]	9.8%	10.9%
EGCUT (487)	−0.152	0.09	−0.15 [−0.32; 0.02]	3.9%	4.9%
KORA (1064)	−0.226	0.06	−0.23 [−0.35; −0.10]	7.7%	8.9%
NSPHS (866)	−0.120	0.07	−0.12 [−0.25; 0.01]	6.4%	7.6%
ORCADES (982)	−0.144	0.06	−0.14 [−0.27; −0.02]	7.2%	8.4%
RECOMBINE (448)	−0.164	0.10	−0.16 [−0.37; 0.04]	2.7%	3.5%
STABILITY (2951)	−0.115	0.04	−0.12 [−0.19; −0.05]	22.8%	19.9%
STANLEY (344)	−0.147	0.11	−0.15 [−0.36; 0.06]	2.6%	3.3%
STANLEY (300)	−0.314	0.12	−0.31 [−0.55; −0.08]	2.1%	2.8%
VIS (902)	−0.173	0.07	−0.17 [−0.32; −0.03]	5.6%	6.8%
Common effect model			**−0.17 [−0.20; −0.13]**	**100.0%**	**––**
Random effects model			**−0.17 [−0.21; −0.13]**	**––**	**100.0%**

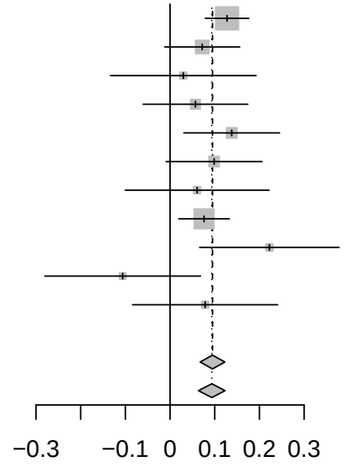


Heterogeneity: I^2 = 1%, τ^2 = 0.0007, p = 0.43

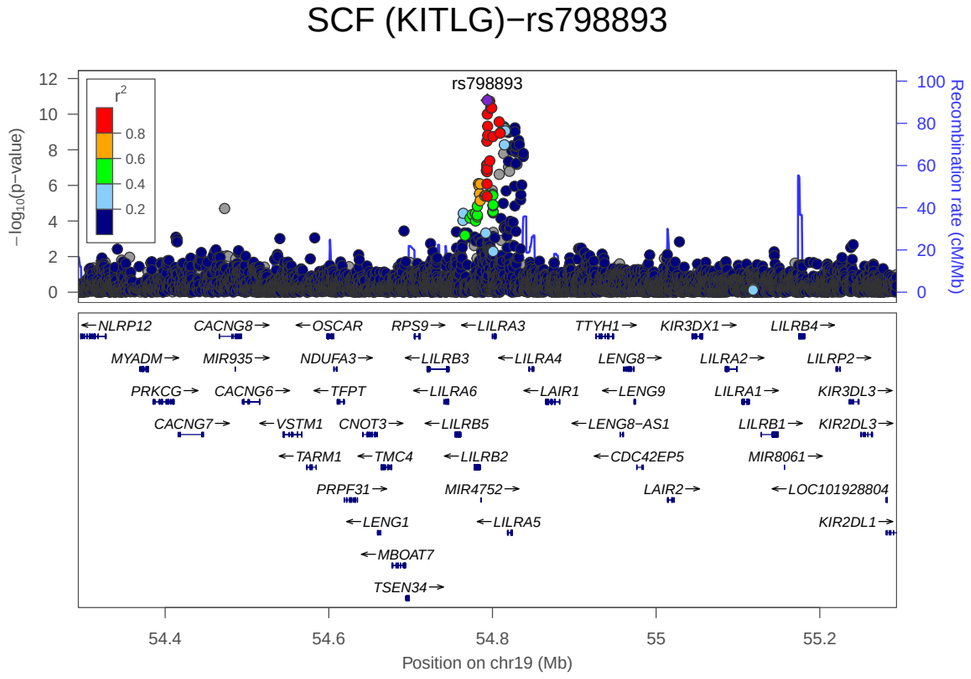


SCF (KITLG) [chr19:54793830_C_G (rs798893) (C/G) N=14725]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.128	0.02	0.13 [0.08; 0.18]	32.2%	28.8%
BioFinder (1496)	0.072	0.04	0.07 [−0.01; 0.16]	10.8%	11.5%
EGCUT (487)	0.030	0.08	0.03 [−0.13; 0.19]	2.9%	3.3%
KORA (1064)	0.057	0.06	0.06 [−0.06; 0.17]	5.6%	6.2%
NSPHS (866)	0.138	0.05	0.14 [0.03; 0.25]	6.7%	7.3%
ORCADES (982)	0.099	0.05	0.10 [−0.01; 0.21]	6.6%	7.3%
RECOMBINE (437)	0.061	0.08	0.06 [−0.10; 0.22]	3.0%	3.3%
STABILITY (2951)	0.076	0.03	0.08 [0.02; 0.13]	23.8%	22.6%
STANLEY (344)	0.222	0.08	0.22 [0.07; 0.38]	3.1%	3.6%
STANLEY (300)	−0.106	0.09	−0.11 [−0.28; 0.07]	2.5%	2.9%
VIS (902)	0.078	0.08	0.08 [−0.08; 0.24]	2.9%	3.3%
Common effect model			**0.10 [0.07; 0.12]**	**100.0%**	**––**
Random effects model			**0.09 [0.06; 0.12]**	**––**	**100.0%**

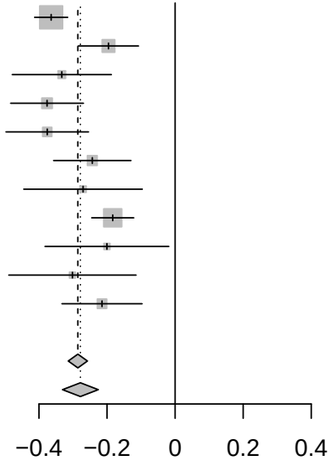


Heterogeneity: I^2 = 16%, τ^2 = 0.0002, p = 0.29

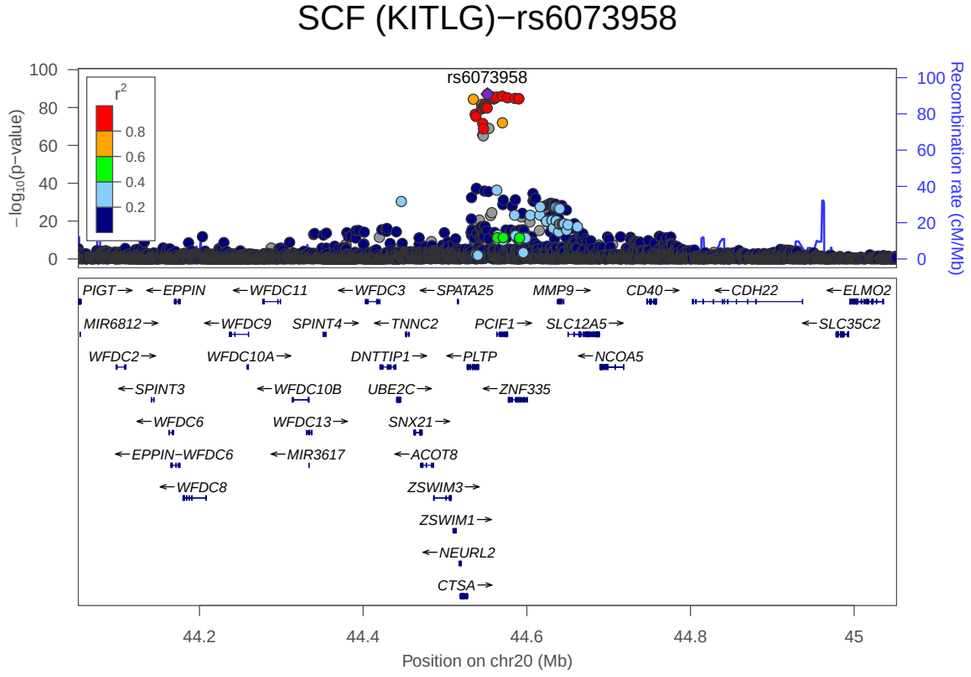


SCF (KITLG) [chr20:44551855_C_T (rs6073958) (T/C) N=14730]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.364	0.02	−0.36 [−0.41; −0.32]	33.6%	14.4%
BioFinder (1496)	−0.196	0.04	−0.20 [−0.28; −0.11]	10.2%	11.2%
EGCUT (487)	−0.333	0.07	−0.33 [−0.48; −0.19]	3.7%	7.3%
KORA (1064)	−0.376	0.05	−0.38 [−0.48; −0.27]	7.0%	9.8%
NSPHS (866)	−0.376	0.06	−0.38 [−0.50; −0.25]	5.4%	8.8%
ORCADES (982)	−0.243	0.06	−0.24 [−0.36; −0.13]	6.2%	9.3%
RECOMBINE (442)	−0.271	0.09	−0.27 [−0.44; −0.10]	2.6%	5.9%
STABILITY (2951)	−0.183	0.03	−0.18 [−0.25; −0.12]	20.8%	13.4%
STANLEY (344)	−0.200	0.09	−0.20 [−0.38; −0.02]	2.4%	5.5%
STANLEY (300)	−0.302	0.10	−0.30 [−0.49; −0.11]	2.3%	5.3%
VIS (902)	−0.215	0.06	−0.21 [−0.33; −0.10]	5.7%	9.0%
Common effect model			**−0.29 [−0.31; −0.26]**	**100.0%**	**––**
Random effects model			**−0.28 [−0.33; −0.23]**	**––**	**100.0%**

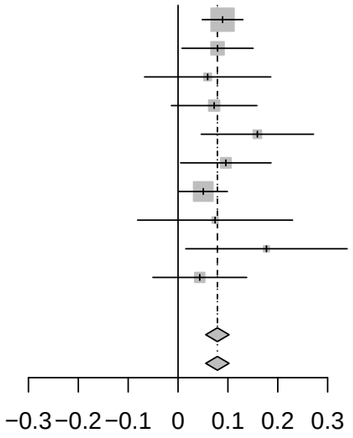


Heterogeneity: I^2 = 69%, τ^2 = 0.0044, p < 0.01

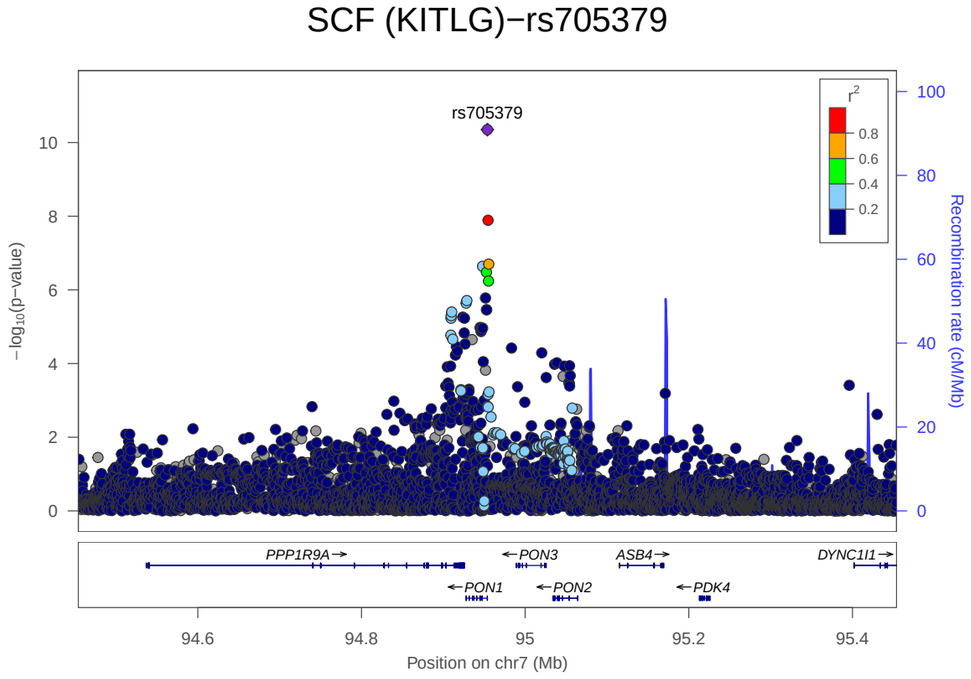


SCF (KITLG) [chr7:94953895_A_G (rs705379) (A/G) N=14288]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.089	0.02	0.09 [0.05; 0.13]	33.1%	33.1%
BioFinder (1496)	0.079	0.04	0.08 [0.01; 0.15]	10.8%	10.8%
EGCUT (487)	0.059	0.06	0.06 [−0.07; 0.19]	3.4%	3.4%
KORA (1064)	0.072	0.04	0.07 [−0.01; 0.16]	7.5%	7.5%
NSPHS (866)	0.159	0.06	0.16 [0.05; 0.27]	4.3%	4.3%
ORCADES (982)	0.096	0.05	0.10 [0.01; 0.19]	6.7%	6.7%
STABILITY (2951)	0.051	0.02	0.05 [0.00; 0.10]	23.5%	23.5%
STANLEY (344)	0.074	0.08	0.07 [−0.08; 0.23]	2.3%	2.3%
STANLEY (300)	0.177	0.08	0.18 [0.02; 0.34]	2.1%	2.1%
VIS (902)	0.044	0.05	0.04 [−0.05; 0.14]	6.2%	6.2%
Common effect model			**0.08 [0.06; 0.10]**	**100.0%**	**––**
Random effects model			**0.08 [0.06; 0.10]**	**––**	**100.0%**

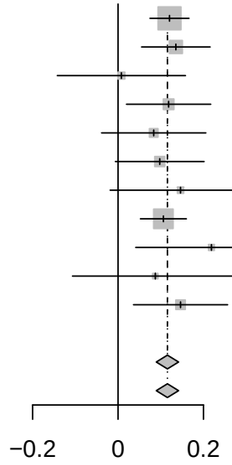


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.77

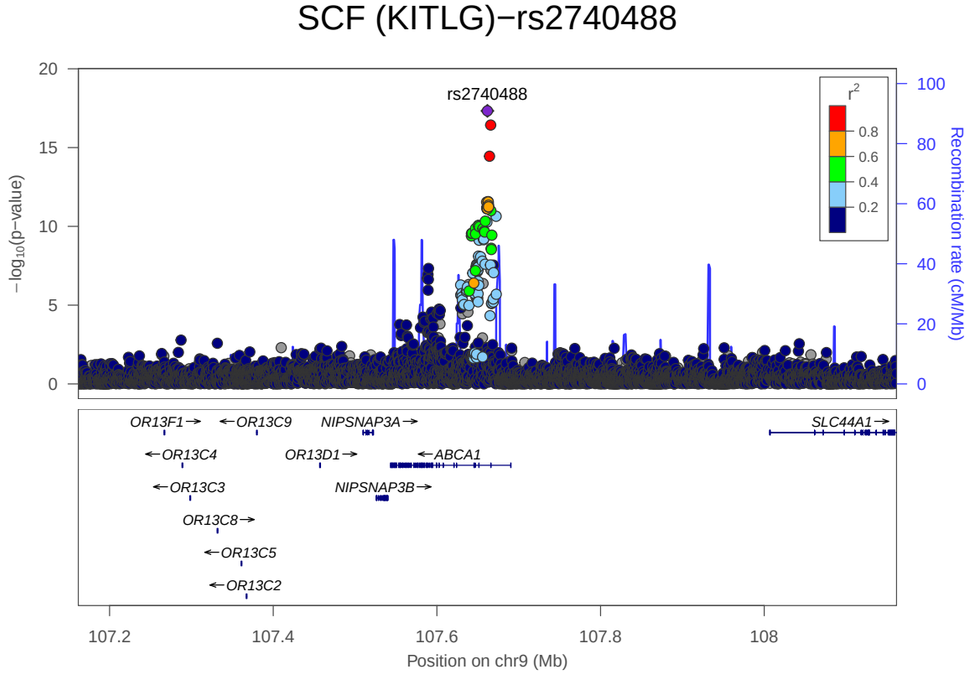


SCF (KITLG) [chr9:107661742_A_C (rs2740488) (A/C) N=14732]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.120	0.02	0.12 [0.07; 0.17]	32.7%	32.7%
BioFinder (1496)	0.135	0.04	0.14 [0.06; 0.22]	10.6%	10.6%
EGCUT (487)	0.008	0.08	0.01 [−0.14; 0.16]	3.0%	3.0%
KORA (1064)	0.118	0.05	0.12 [0.02; 0.22]	7.0%	7.0%
NSPHS (866)	0.084	0.06	0.08 [−0.04; 0.21]	4.6%	4.6%
ORCADES (982)	0.098	0.05	0.10 [−0.01; 0.20]	6.3%	6.3%
RECOMBINE (444)	0.146	0.08	0.15 [−0.02; 0.31]	2.5%	2.5%
STABILITY (2951)	0.106	0.03	0.11 [0.05; 0.16]	23.6%	23.6%
STANLEY (344)	0.219	0.09	0.22 [0.04; 0.40]	2.2%	2.2%
STANLEY (300)	0.087	0.10	0.09 [−0.11; 0.28]	1.8%	1.8%
VIS (902)	0.146	0.06	0.15 [0.04; 0.26]	5.6%	5.6%
Common effect model			**0.12 [0.09; 0.14]**	**100.0%**	––
Random effects model			**0.12 [0.09; 0.14]**	––	**100.0%**

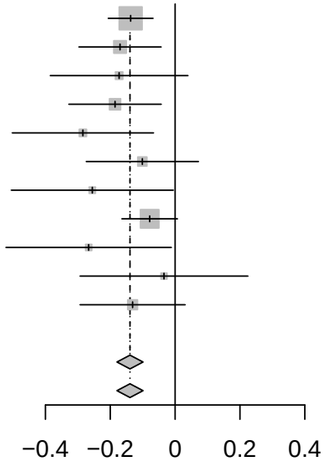


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.92

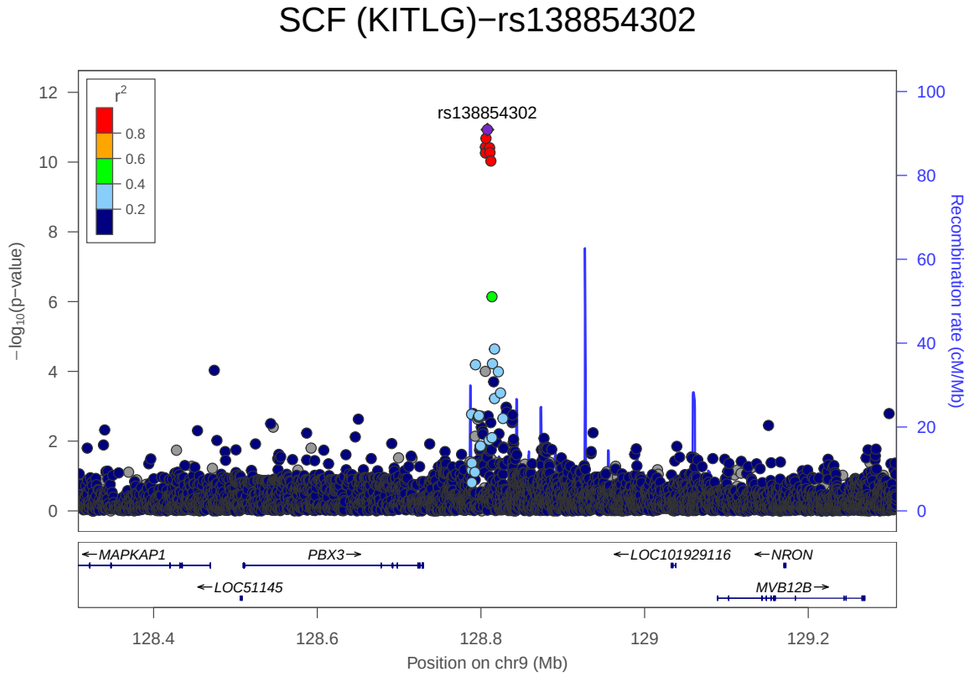


SCF (KITLG) [chr9:128807910_C_T (rs138854302) (T/C) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.137	0.04	−0.14 [−0.21; −0.07]	33.9%	33.9%
BioFinder (1496)	−0.170	0.06	−0.17 [−0.30; −0.04]	10.1%	10.1%
EGCUT (487)	−0.173	0.11	−0.17 [−0.38; 0.04]	3.6%	3.6%
KORA (1064)	−0.185	0.07	−0.19 [−0.33; −0.04]	8.0%	8.0%
NSPHS (866)	−0.284	0.11	−0.28 [−0.50; −0.07]	3.4%	3.4%
ORCADES (982)	−0.101	0.09	−0.10 [−0.27; 0.07]	5.4%	5.4%
RECOMBINE (448)	−0.255	0.13	−0.26 [−0.51; −0.01]	2.6%	2.6%
STABILITY (2951)	−0.078	0.04	−0.08 [−0.16; 0.01]	22.0%	22.0%
STANLEY (344)	−0.267	0.13	−0.27 [−0.52; −0.01]	2.5%	2.5%
STANLEY (300)	−0.034	0.13	−0.03 [−0.29; 0.22]	2.4%	2.4%
VIS (902)	−0.131	0.08	−0.13 [−0.29; 0.03]	6.2%	6.2%
Common effect model			**−0.14 [−0.18; −0.10]**	**100.0%**	**––**
Random effects model			**−0.14 [−0.18; −0.10]**	**––**	**100.0%**

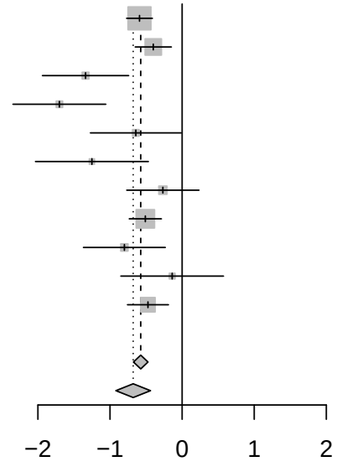


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.73

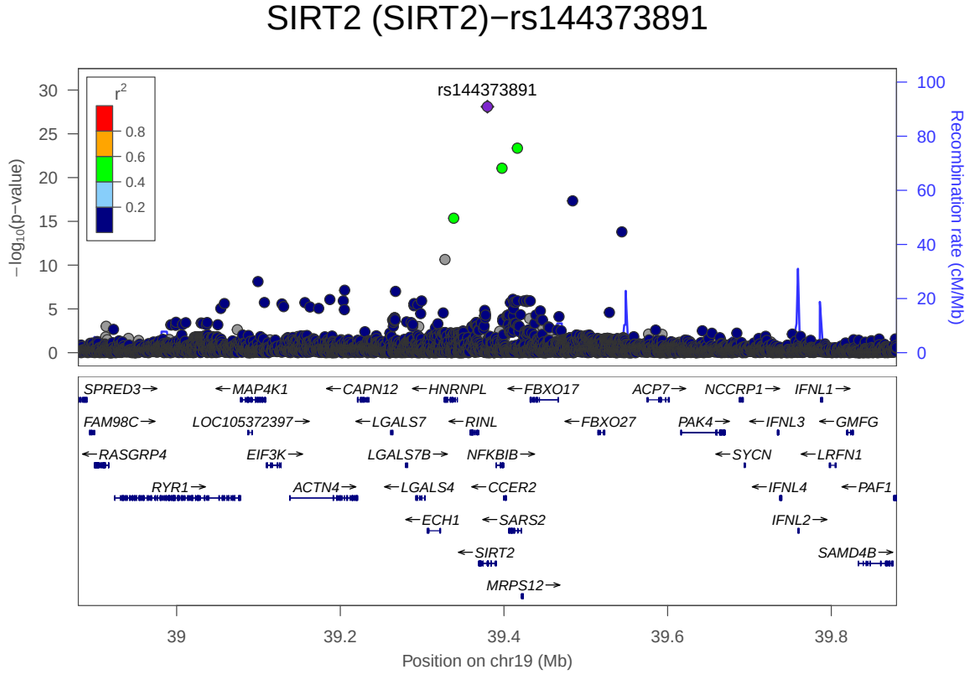


SIRT2 (SIRT2) [chr19:39379770_C_T (rs144373891) (T/C) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.591	0.09	−0.59 [−0.77; −0.41]	31.9%	13.1%
BioFinder (1496)	−0.400	0.13	−0.40 [−0.65; −0.15]	16.2%	12.2%
EGCUT (487)	−1.339	0.31	−1.34 [−1.94; −0.74]	2.8%	7.5%
KORA (1064)	−1.702	0.33	−1.70 [−2.35; −1.06]	2.5%	7.0%
NSPHS (866)	−0.642	0.32	−0.64 [−1.27; −0.01]	2.6%	7.2%
ORCADES (982)	−1.251	0.40	−1.25 [−2.03; −0.47]	1.7%	5.6%
RECOMBINE (448)	−0.267	0.26	−0.27 [−0.77; 0.23]	4.1%	8.7%
STABILITY (2951)	−0.510	0.11	−0.51 [−0.73; −0.29]	20.5%	12.6%
STANLEY (344)	−0.801	0.29	−0.80 [−1.37; −0.23]	3.2%	7.9%
STANLEY (300)	−0.138	0.36	−0.14 [−0.85; 0.57]	2.0%	6.3%
VIS (902)	−0.474	0.14	−0.47 [−0.76; −0.19]	12.6%	11.8%
Common effect model			**−0.57 [−0.67; −0.47]**	**100.0%**	**––**
Random effects model			**−0.68 [−0.92; −0.44]**	**––**	**100.0%**

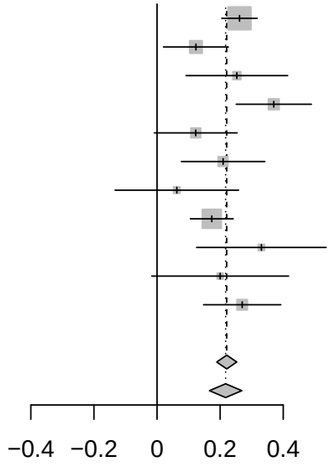


Heterogeneity: I^2 = 63%, τ^2 = 0.1065, p < 0.01

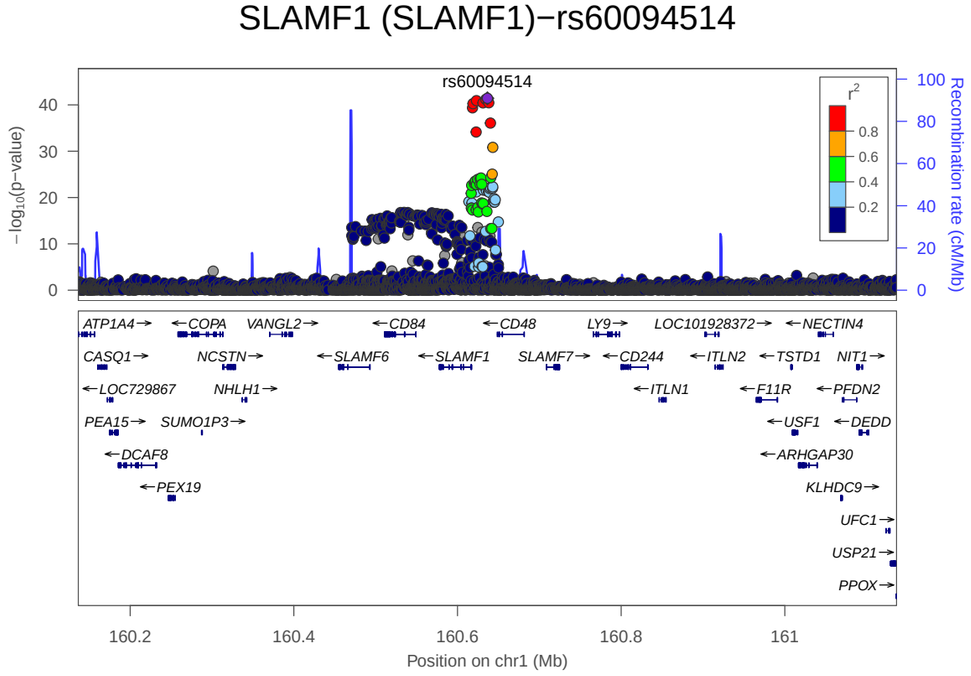


SLAMF1 (SLAMF1) [chr1:160636559_C_T (rs60094514) (T/C) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.261	0.03	0.26 [0.21; 0.32]	31.9%	16.3%
BioFinder (1496)	0.123	0.05	0.12 [0.02; 0.23]	9.6%	11.2%
EGCUT (487)	0.253	0.08	0.25 [0.09; 0.41]	3.9%	6.8%
KORA (1064)	0.370	0.06	0.37 [0.25; 0.49]	7.1%	9.7%
NSPHS (866)	0.123	0.07	0.12 [−0.01; 0.25]	5.9%	8.7%
ORCADES (982)	0.209	0.07	0.21 [0.08; 0.34]	5.8%	8.6%
RECOMBINE (447)	0.063	0.10	0.06 [−0.13; 0.26]	2.6%	5.1%
STABILITY (2951)	0.173	0.03	0.17 [0.11; 0.24]	21.9%	14.9%
STANLEY (344)	0.331	0.10	0.33 [0.13; 0.54]	2.4%	4.8%
STANLEY (300)	0.200	0.11	0.20 [−0.02; 0.42]	2.2%	4.4%
VIS (900)	0.270	0.06	0.27 [0.15; 0.39]	6.7%	9.4%
Common effect model			**0.22 [0.19; 0.25]**	**100.0%**	––
Random effects model			**0.22 [0.17; 0.27]**	––	**100.0%**

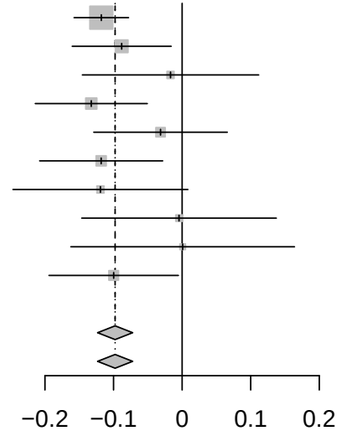


Heterogeneity: I^2 = 50%, τ^2 = 0.0034, p = 0.03

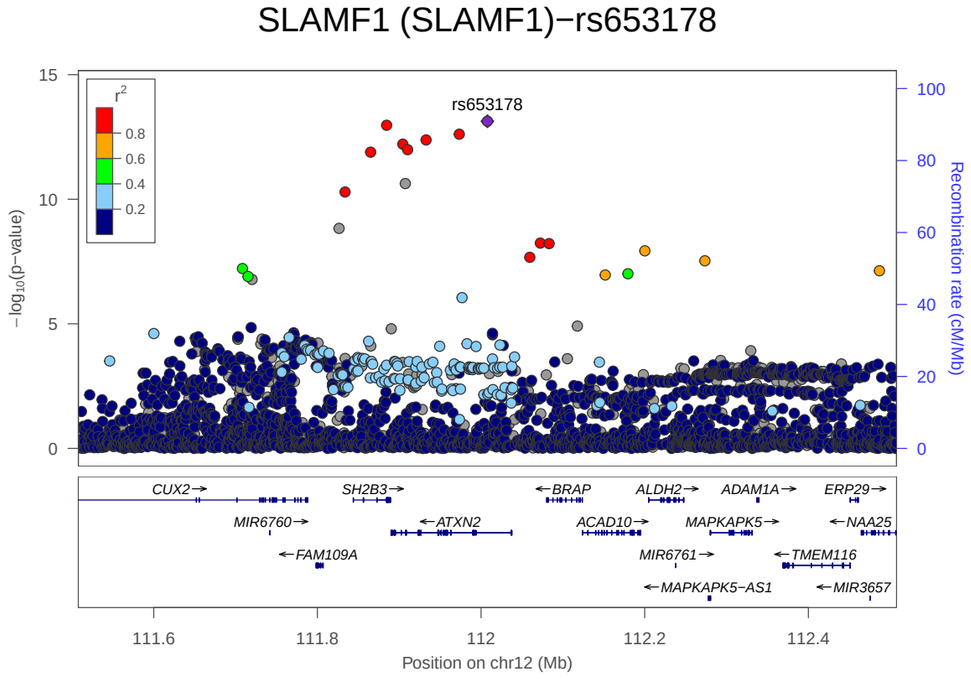


SLAMF1 (SLAMF1) [chr12:112007756_C_T (rs653178) (T/C) N=11783]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.118	0.02	−0.12 [−0.16; −0.08]	41.5%	41.5%
BioFinder (1496)	−0.088	0.04	−0.09 [−0.16; −0.02]	12.6%	12.6%
EGCUT (487)	−0.017	0.07	−0.02 [−0.15; 0.11]	4.0%	4.0%
KORA (1064)	−0.132	0.04	−0.13 [−0.21; −0.05]	9.8%	9.8%
NSPHS (866)	−0.031	0.05	−0.03 [−0.13; 0.07]	6.9%	6.9%
ORCADES (982)	−0.118	0.05	−0.12 [−0.21; −0.03]	8.1%	8.1%
RECOMBINE (448)	−0.119	0.07	−0.12 [−0.25; 0.01]	4.0%	4.0%
STANLEY (344)	−0.004	0.07	−0.00 [−0.15; 0.14]	3.3%	3.3%
STANLEY (300)	0.001	0.08	0.00 [−0.16; 0.16]	2.5%	2.5%
VIS (900)	−0.100	0.05	−0.10 [−0.19; −0.01]	7.4%	7.4%
Common effect model			**−0.10 [−0.12; −0.07]**	**100.0%**	**––**
Random effects model			**−0.10 [−0.12; −0.07]**	**––**	**100.0%**

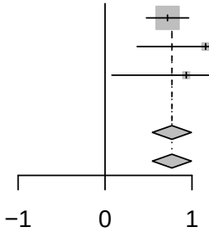


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.49

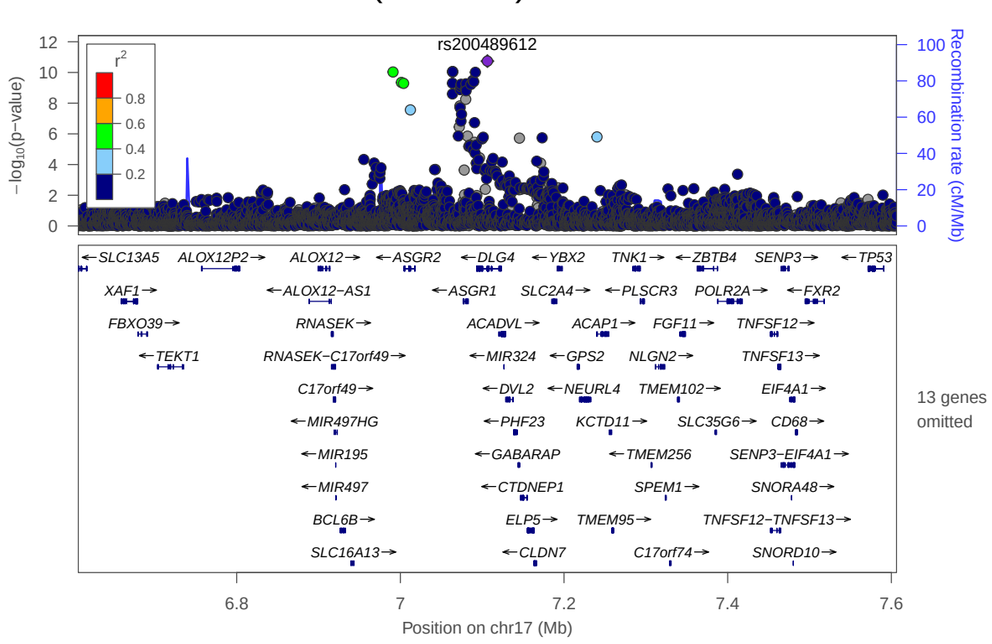


SLAMF1 (SLAMF1) [chr17:7106378_A_G (rs200489612) (A/G) N=6778]

Study	b	SE		95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.719	0.12		0.72 [0.48; 0.96]	85.0%	85.0%
ORCADES (982)	1.157	0.40		1.16 [0.37; 1.95]	8.1%	8.1%
VIS (900)	0.934	0.44		0.93 [0.08; 1.79]	6.9%	6.9%
Common effect model				**0.77 [0.54; 0.99]**	**100.0%**	**––**
Random effects model				**0.77 [0.54; 0.99]**	**––**	**100.0%**

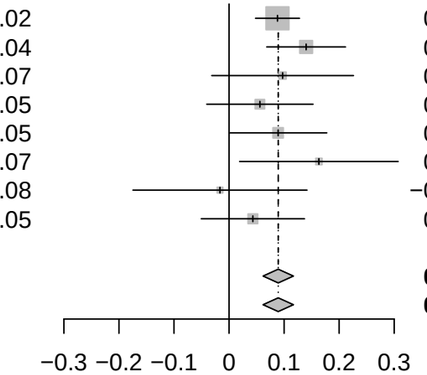


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.54



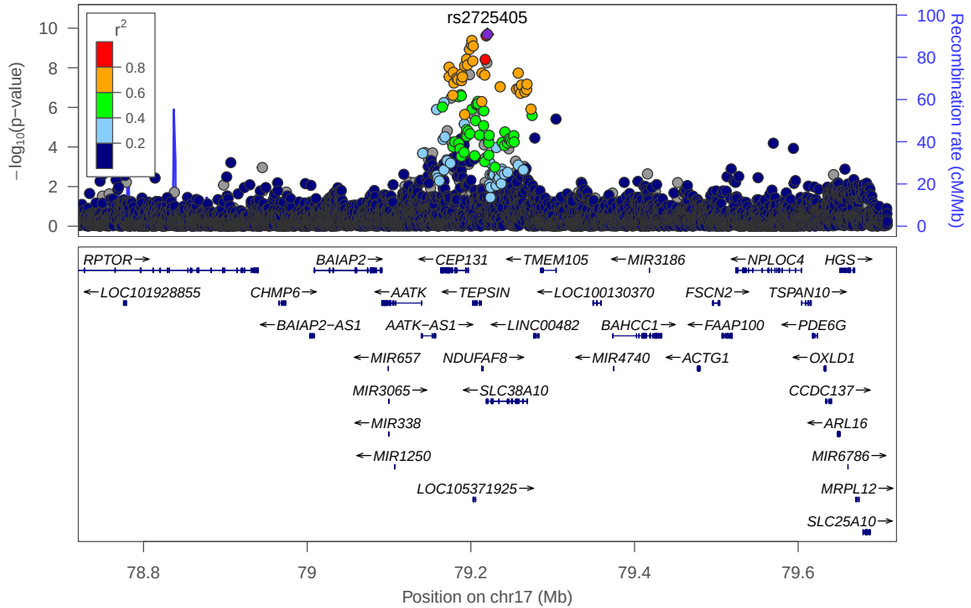
SLAMF1 (SLAMF1) [chr17:79220224_C_G (rs2725405) (C/G) N=10271]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.088	0.02	0.09 [0.05; 0.13]	47.5%	47.3%
BioFinder (1496)	0.140	0.04	0.14 [0.07; 0.21]	14.8%	14.9%
EGCUT (487)	0.097	0.07	0.10 [−0.03; 0.23]	4.6%	4.6%
NSPHS (866)	0.056	0.05	0.06 [−0.04; 0.15]	8.1%	8.2%
ORCADES (982)	0.089	0.05	0.09 [0.00; 0.18]	9.7%	9.7%
STANLEY (344)	0.163	0.07	0.16 [0.02; 0.31]	3.7%	3.7%
STANLEY (300)	−0.017	0.08	−0.02 [−0.17; 0.14]	3.0%	3.0%
VIS (900)	0.043	0.05	0.04 [−0.05; 0.14]	8.6%	8.6%
Common effect model			**0.09 [0.06; 0.12]**	**100.0%**	**––**
Random effects model			**0.09 [0.06; 0.12]**	**––**	**100.0%**



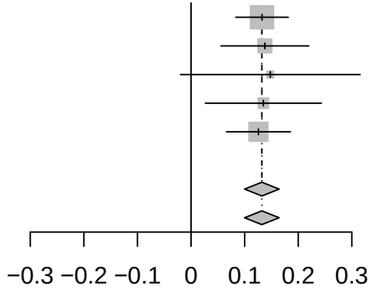
Heterogeneity: I^2 = 0%, τ^2 < 0.0001, p = 0.53

SLAMF1 (SLAMF1)−rs2725405



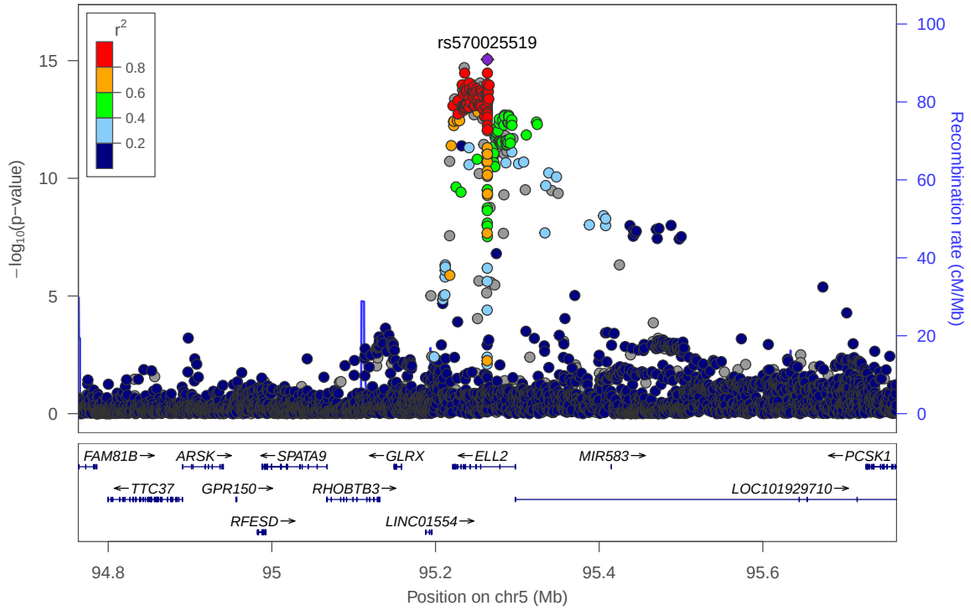
SLAMF1 (SLAMF1) [chr5:95263427_A_G (rs570025519) (A/G) N=10894]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.132	0.03	0.13 [0.08; 0.18]	43.1%	43.1%
BioFinder (1496)	0.138	0.04	0.14 [0.06; 0.22]	15.4%	15.4%
EGCUT (487)	0.148	0.09	0.15 [−0.02; 0.32]	3.7%	3.7%
KORA (1064)	0.135	0.06	0.14 [0.03; 0.24]	8.8%	8.8%
STABILITY (2951)	0.126	0.03	0.13 [0.07; 0.19]	29.0%	29.0%
Common effect model			**0.13 [0.10; 0.16]**	**100.0%**	−−
Random effects model			**0.13 [0.10; 0.16]**	−−	**100.0%**



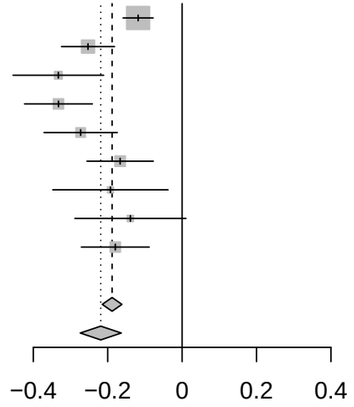
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 1.00

SLAMF1 (SLAMF1)−rs570025519



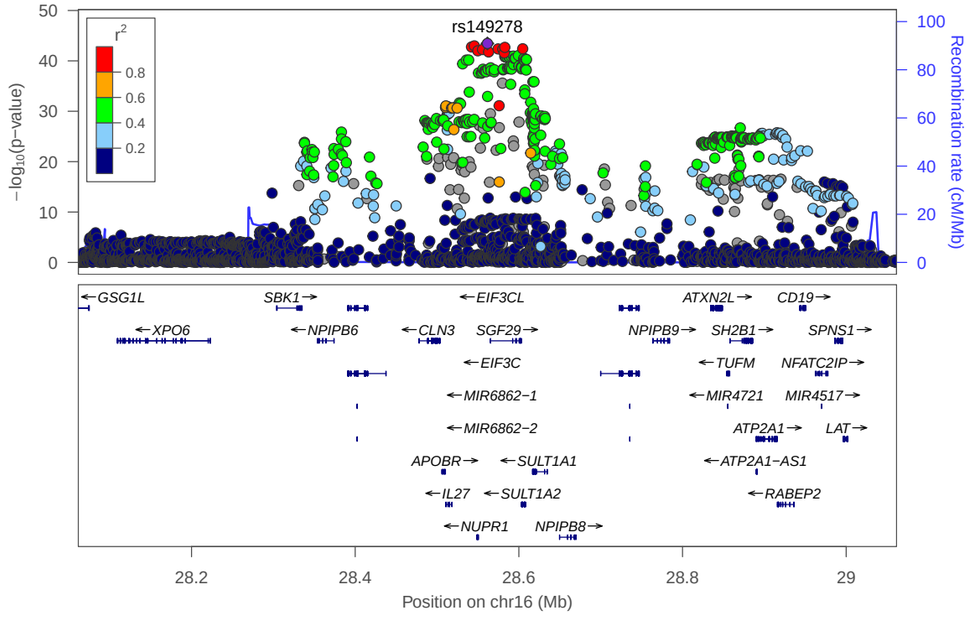
ST1A1 (SULT1A1) [chr16:28561581_C_T (rs149278) (T/C) N=11345]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.118	0.02	−0.12 [−0.16; −0.08]	42.7%	15.8%
BioFinder (1496)	−0.253	0.04	−0.25 [−0.32; −0.18]	13.7%	13.4%
EGCUT (487)	−0.333	0.06	−0.33 [−0.45; −0.21]	4.7%	9.4%
KORA (1064)	−0.332	0.05	−0.33 [−0.42; −0.24]	8.4%	11.7%
NSPHS (874)	−0.273	0.05	−0.27 [−0.37; −0.17]	7.2%	11.1%
ORCADES (982)	−0.167	0.05	−0.17 [−0.26; −0.08]	8.8%	11.9%
STANLEY (344)	−0.193	0.08	−0.19 [−0.35; −0.04]	2.9%	7.3%
STANLEY (300)	−0.139	0.08	−0.14 [−0.29; 0.01]	3.1%	7.6%
VIS (902)	−0.180	0.05	−0.18 [−0.27; −0.09]	8.4%	11.7%
Common effect model			**−0.19 [−0.21; −0.16]**	**100.0%**	**––**
Random effects model			**−0.22 [−0.27; −0.16]**	**––**	**100.0%**



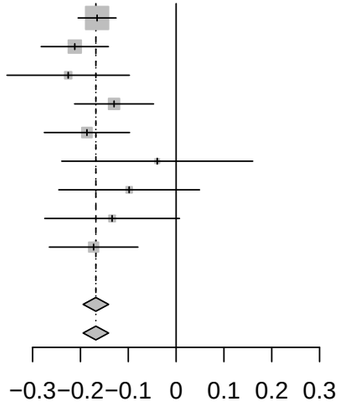
Heterogeneity: I^2 = 76%, τ^2 = 0.0046, p < 0.01

ST1A1 (SULT1A1)−rs149278



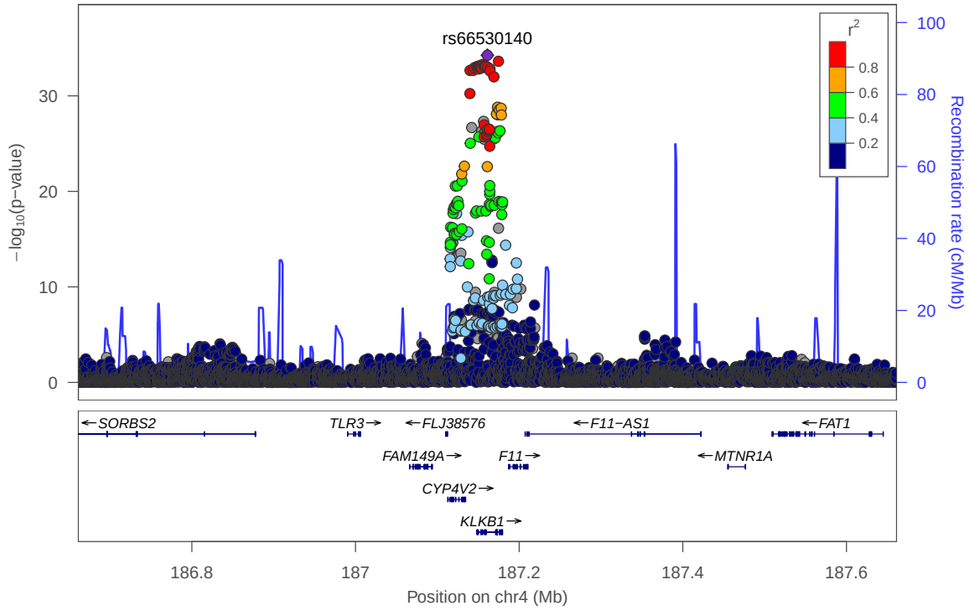
ST1A1 (SULT1A1) [chr4:187161211_C_T (rs66530140) (T/C) N=10913]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.165	0.02	−0.17 [−0.20; −0.13]	45.1%	45.1%
BioFinder (1496)	−0.212	0.04	−0.21 [−0.28; −0.14]	14.4%	14.4%
EGCUT (487)	−0.226	0.07	−0.23 [−0.35; −0.10]	4.3%	4.3%
KORA (1064)	−0.130	0.04	−0.13 [−0.21; −0.05]	10.4%	10.4%
ORCADES (982)	−0.186	0.05	−0.19 [−0.28; −0.10]	8.9%	8.9%
RECOMBINE (442)	−0.039	0.10	−0.04 [−0.24; 0.16]	1.8%	1.8%
STANLEY (344)	−0.098	0.08	−0.10 [−0.25; 0.05]	3.3%	3.3%
STANLEY (300)	−0.134	0.07	−0.13 [−0.27; 0.01]	3.6%	3.6%
VIS (902)	−0.172	0.05	−0.17 [−0.27; −0.08]	8.3%	8.3%
Common effect model			**−0.17 [−0.19; −0.14]**	**100.0%**	**––**
Random effects model			**−0.17 [−0.19; −0.14]**	**––**	**100.0%**



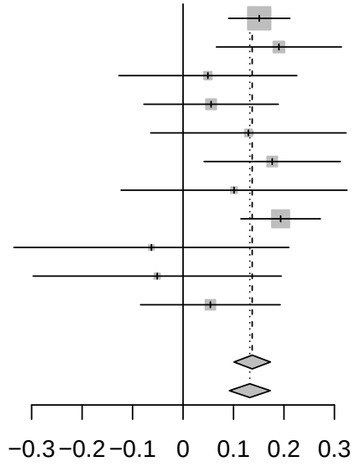
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.65

ST1A1 (SULT1A1)−rs66530140

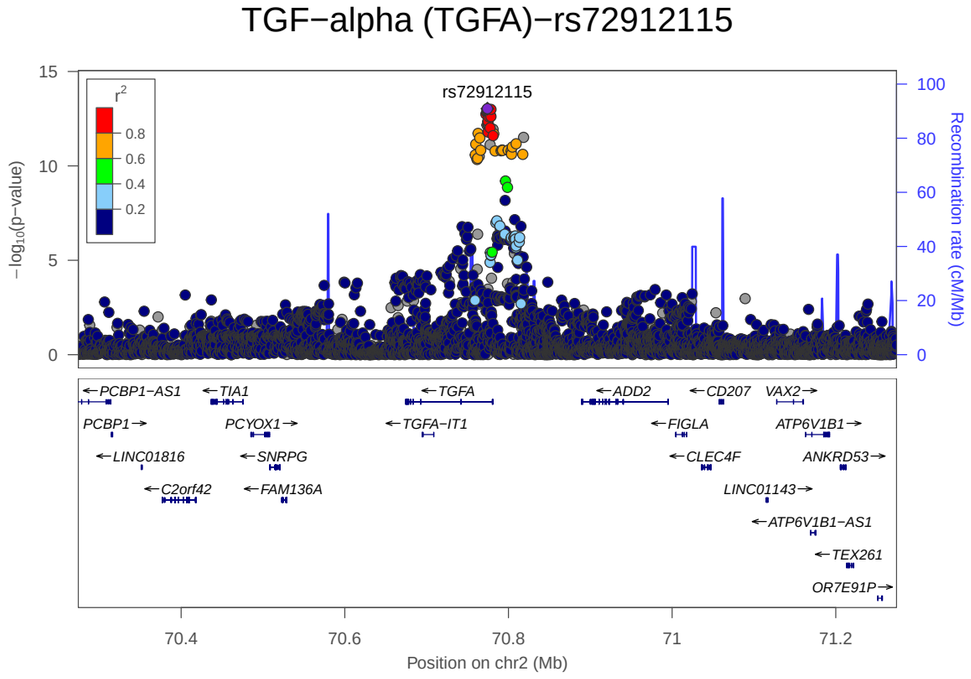


TGF−alpha (TGFA) [chr2:70774295_A_T (rs72912115) (A/T) N=14728]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.151	0.03	0.15 [0.09; 0.21]	35.3%	29.1%
BioFinder (1496)	0.190	0.06	0.19 [0.07; 0.31]	8.5%	9.5%
EGCUT (487)	0.049	0.09	0.05 [−0.13; 0.23]	4.2%	5.0%
KORA (1064)	0.056	0.07	0.06 [−0.08; 0.19]	7.3%	8.3%
NSPHS (866)	0.129	0.10	0.13 [−0.06; 0.32]	3.5%	4.2%
ORCADES (979)	0.177	0.07	0.18 [0.04; 0.31]	7.1%	8.1%
RECOMBINE (443)	0.101	0.11	0.10 [−0.12; 0.32]	2.6%	3.2%
STABILITY (2951)	0.193	0.04	0.19 [0.11; 0.27]	20.9%	20.1%
STANLEY (344)	−0.063	0.14	−0.06 [−0.34; 0.21]	1.8%	2.2%
STANLEY (300)	−0.051	0.13	−0.05 [−0.30; 0.19]	2.2%	2.6%
VIS (902)	0.054	0.07	0.05 [−0.08; 0.19]	6.8%	7.8%
Common effect model			**0.14 [0.10; 0.17]**	**100.0%**	**––**
Random effects model			**0.13 [0.09; 0.17]**	**––**	**100.0%**

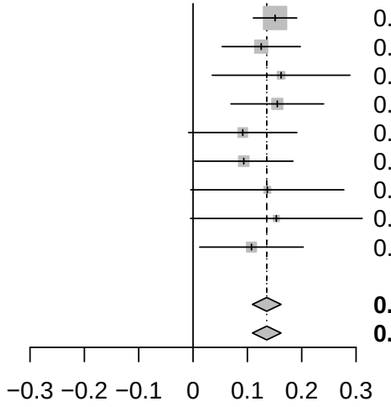


Heterogeneity: I^2 = 12%, τ^2 = 0.0005, p = 0.33

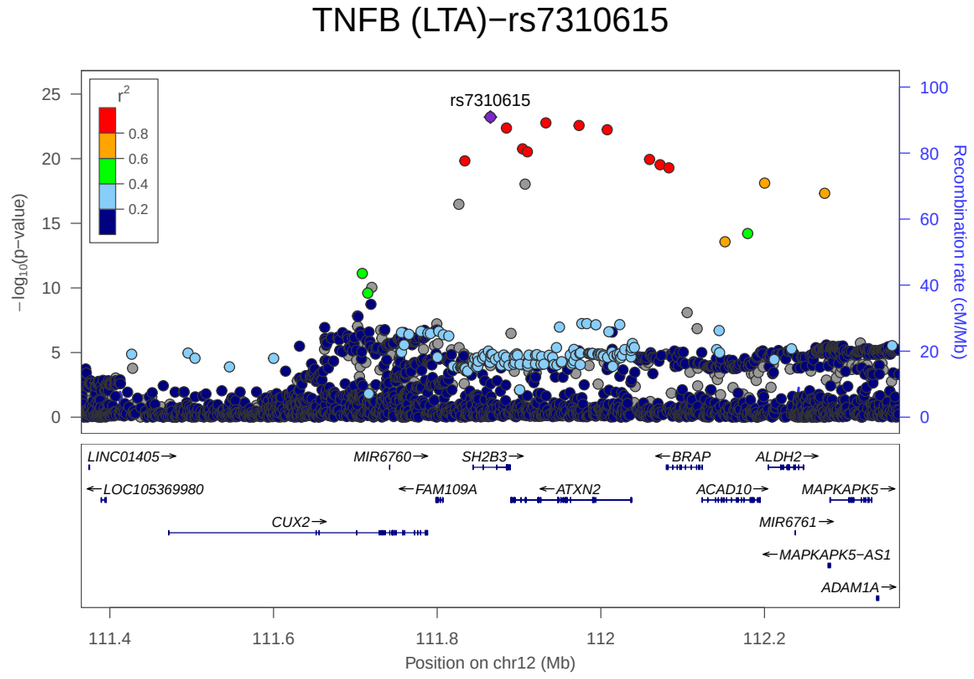


TNFB (LTA) [chr12:111865049_C_G (rs7310615) (C/G) N=11344]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.151	0.02	0.15 [0.11; 0.19]	43.4%	43.4%
BioFinder (1496)	0.125	0.04	0.13 [0.05; 0.20]	13.4%	13.4%
EGCUT (487)	0.162	0.06	0.16 [0.04; 0.29]	4.3%	4.3%
KORA (1064)	0.155	0.04	0.16 [0.07; 0.24]	9.5%	9.5%
NSPHS (874)	0.091	0.05	0.09 [−0.01; 0.19]	7.0%	7.0%
ORCADES (981)	0.093	0.05	0.09 [0.00; 0.18]	8.5%	8.5%
STANLEY (344)	0.137	0.07	0.14 [−0.00; 0.28]	3.5%	3.5%
STANLEY (300)	0.153	0.08	0.15 [−0.00; 0.31]	2.8%	2.8%
VIS (902)	0.108	0.05	0.11 [0.01; 0.20]	7.6%	7.6%
Common effect model			**0.14 [0.11; 0.16]**	**100.0%**	––
Random effects model			**0.14 [0.11; 0.16]**	––	**100.0%**

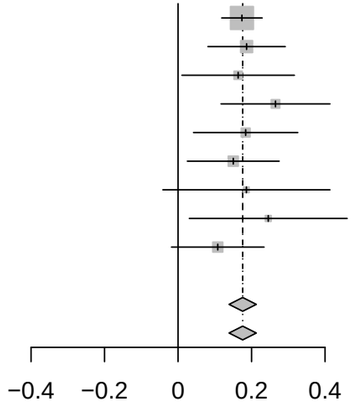


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.94

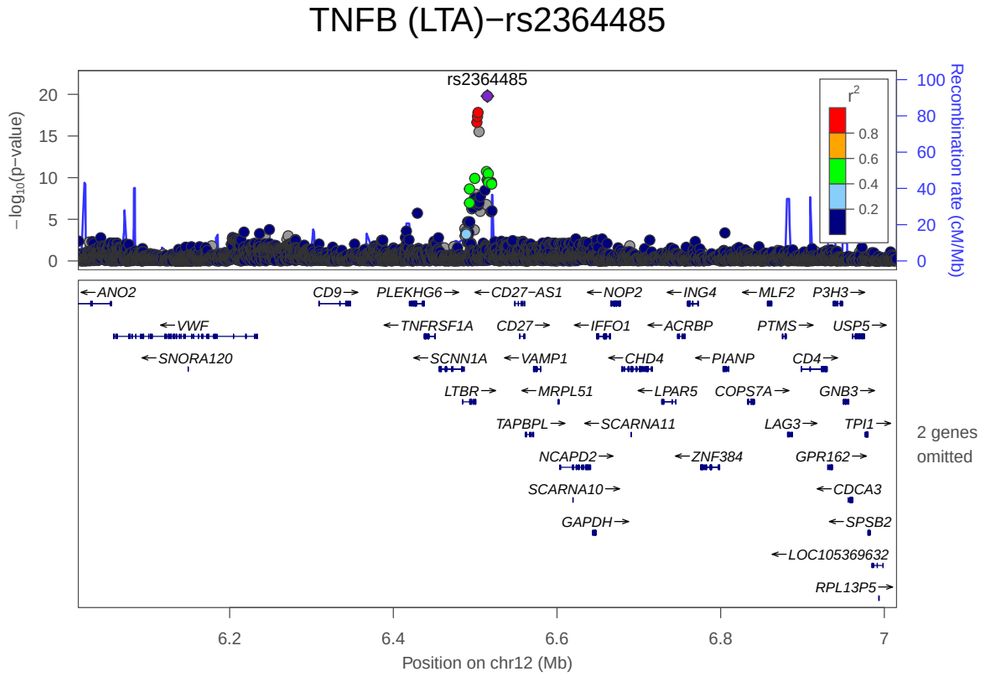


TNFB (LTA) [chr12:6514963_A_C (rs2364485) (A/C) N=11344]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.174	0.03	0.17 [0.12; 0.23]	45.4%	45.4%
BioFinder (1496)	0.187	0.05	0.19 [0.08; 0.29]	12.4%	12.4%
EGCUT (487)	0.164	0.08	0.16 [0.01; 0.32]	5.9%	5.9%
KORA (1064)	0.265	0.08	0.27 [0.12; 0.41]	6.3%	6.3%
NSPHS (874)	0.184	0.07	0.18 [0.04; 0.33]	6.8%	6.8%
ORCADES (981)	0.150	0.06	0.15 [0.03; 0.28]	8.8%	8.8%
STANLEY (344)	0.186	0.12	0.19 [−0.04; 0.41]	2.7%	2.7%
STANLEY (300)	0.245	0.11	0.25 [0.03; 0.46]	3.0%	3.0%
VIS (902)	0.108	0.06	0.11 [−0.02; 0.23]	8.7%	8.7%
Common effect model			**0.18 [0.14; 0.21]**	**100.0%**	**––**
Random effects model			**0.18 [0.14; 0.21]**	**––**	**100.0%**

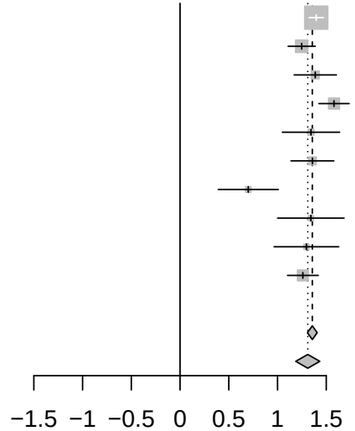


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.92

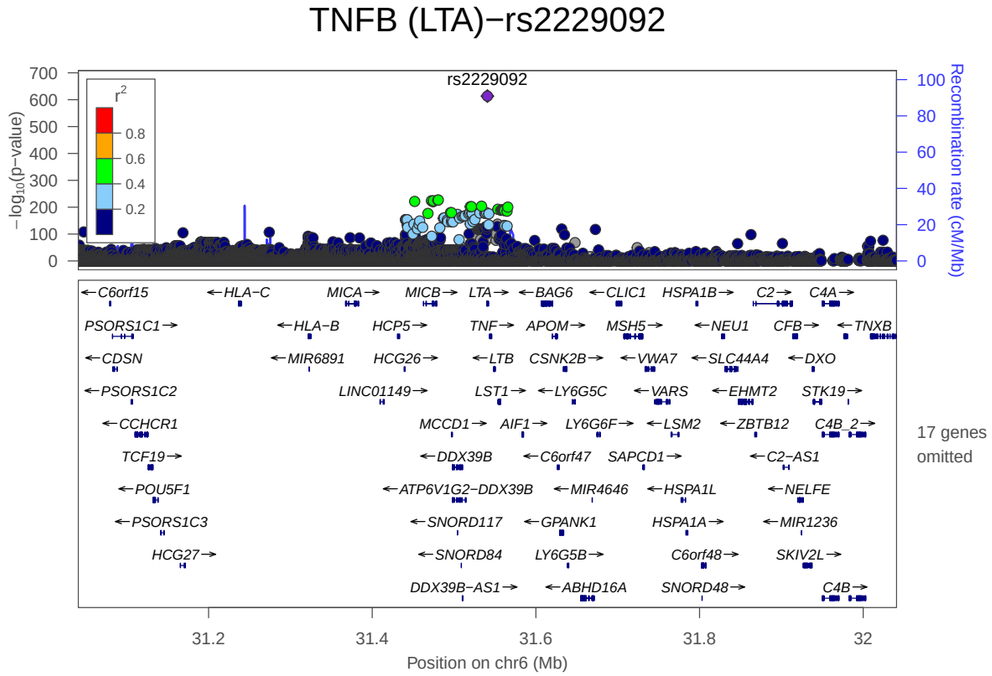


TNFB (LTA) [chr6:31540757_A_C (rs2229092) (A/C) N=11792]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	1.397	0.04	1.40 [1.32; 1.47]	46.1%	14.0%
BioFinder (1496)	1.248	0.07	1.25 [1.11; 1.39]	13.0%	12.4%
EGCUT (487)	1.387	0.11	1.39 [1.17; 1.60]	5.3%	10.1%
KORA (1064)	1.579	0.08	1.58 [1.42; 1.73]	10.3%	11.9%
NSPHS (874)	1.343	0.15	1.34 [1.05; 1.64]	2.9%	8.0%
ORCADES (981)	1.358	0.11	1.36 [1.14; 1.58]	5.2%	10.0%
RECOMBINE (448)	0.700	0.16	0.70 [0.39; 1.01]	2.6%	7.7%
STANLEY (344)	1.342	0.17	1.34 [1.00; 1.68]	2.2%	6.9%
STANLEY (300)	1.296	0.17	1.30 [0.96; 1.63]	2.3%	7.1%
VIS (902)	1.260	0.08	1.26 [1.10; 1.42]	10.1%	11.9%
Common effect model			**1.36 [1.31; 1.41]**	**100.0%**	**––**
Random effects model			**1.31 [1.19; 1.43]**	**––**	**100.0%**

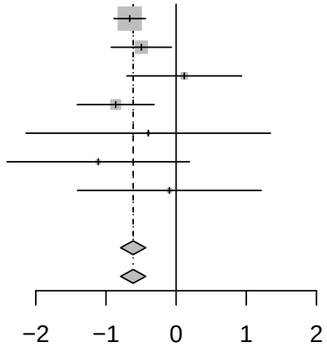


Heterogeneity: I^2 = 70%, τ^2 = 0.0271, p < 0.01



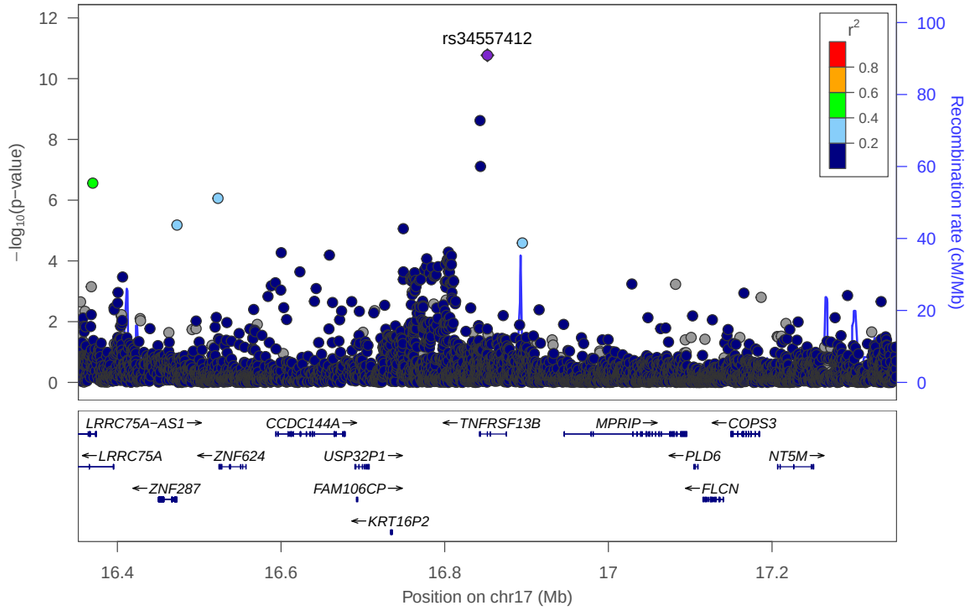
TNFRSF9 (TNFRSF9) [chr17:16852187_A_G (rs34557412) (A/G) N=9867]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.661	0.11	−0.66 [−0.89; −0.44]	62.7%	62.7%
BioFinder (1496)	−0.496	0.22	−0.50 [−0.93; −0.07]	17.2%	17.2%
KORA (1064)	0.116	0.42	0.12 [−0.70; 0.93]	4.7%	4.7%
NSPHS (866)	−0.861	0.28	−0.86 [−1.41; −0.31]	10.6%	10.6%
STANLEY (344)	−0.396	0.89	−0.40 [−2.14; 1.35]	1.0%	1.0%
STANLEY (300)	−1.110	0.66	−1.11 [−2.41; 0.19]	1.9%	1.9%
VIS (901)	−0.096	0.67	−0.10 [−1.41; 1.21]	1.9%	1.9%
Common effect model			**−0.61 [−0.79; −0.43]**	**100.0%**	**––**
Random effects model			**−0.61 [−0.79; −0.43]**	**––**	**100.0%**



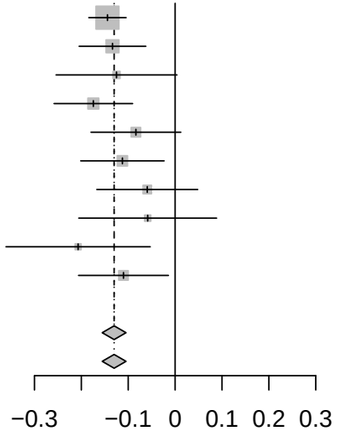
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.48

TNFRSF9 (TNFRSF9)−rs34557412



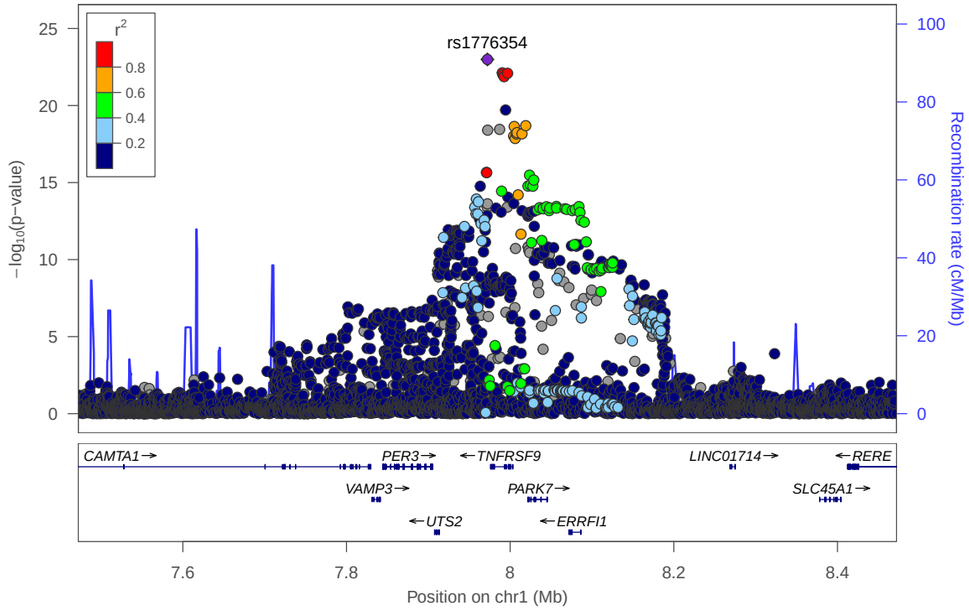
TNFRSF9 (TNFRSF9) [chr1:7972201_A_G (rs1776354) (A/G) N=11784]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.144	0.02	−0.14 [−0.18; −0.10]	40.7%	40.7%
BioFinder (1496)	−0.134	0.04	−0.13 [−0.20; −0.06]	12.8%	12.8%
EGCUT (487)	−0.125	0.07	−0.12 [−0.25; 0.00]	3.9%	3.9%
KORA (1064)	−0.174	0.04	−0.17 [−0.26; −0.09]	9.2%	9.2%
NSPHS (866)	−0.084	0.05	−0.08 [−0.18; 0.01]	7.0%	7.0%
ORCADES (982)	−0.112	0.05	−0.11 [−0.20; −0.02]	8.2%	8.2%
RECOMBINE (448)	−0.059	0.05	−0.06 [−0.17; 0.05]	5.6%	5.6%
STANLEY (344)	−0.059	0.07	−0.06 [−0.21; 0.09]	3.0%	3.0%
STANLEY (300)	−0.207	0.08	−0.21 [−0.36; −0.05]	2.7%	2.7%
VIS (901)	−0.110	0.05	−0.11 [−0.21; −0.01]	7.0%	7.0%
Common effect model			**−0.13 [−0.16; −0.10]**	**100.0%**	**––**
Random effects model			**−0.13 [−0.16; −0.10]**	**––**	**100.0%**



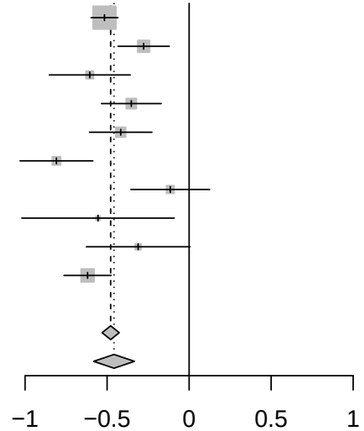
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.71

TNFRSF9 (TNFRSF9)−rs1776354



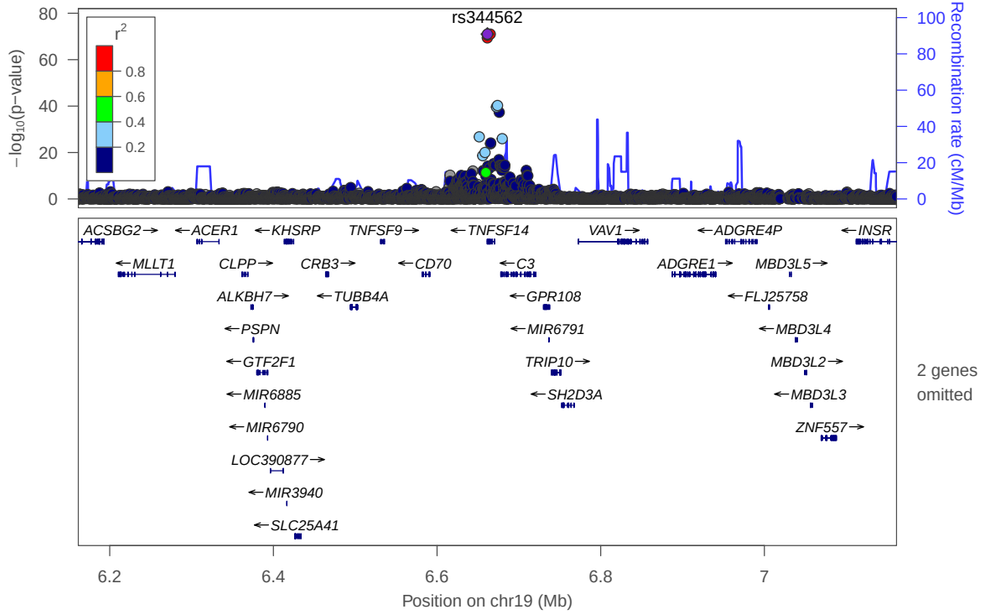
TNFSF14 (TNFSF14) [chr19:6661549_C_T (rs344562) (T/C) N=11789]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.516	0.04	−0.52 [−0.60; −0.43]	41.0%	13.6%
BioFinder (1496)	−0.277	0.08	−0.28 [−0.43; −0.12]	11.1%	11.7%
EGCUT (487)	−0.606	0.13	−0.61 [−0.85; −0.36]	4.5%	9.2%
KORA (1064)	−0.352	0.09	−0.35 [−0.53; −0.17]	8.2%	11.0%
NSPHS (874)	−0.417	0.10	−0.42 [−0.61; −0.23]	7.6%	10.8%
ORCADES (982)	−0.809	0.11	−0.81 [−1.03; −0.59]	5.5%	9.9%
RECOMBINE (444)	−0.115	0.12	−0.11 [−0.36; 0.13]	4.7%	9.4%
STANLEY (344)	−0.555	0.24	−0.56 [−1.02; −0.09]	1.3%	4.8%
STANLEY (300)	−0.311	0.16	−0.31 [−0.63; 0.01]	2.7%	7.5%
VIS (902)	−0.619	0.07	−0.62 [−0.76; −0.48]	13.3%	12.1%
Common effect model			**−0.48 [−0.53; −0.43]**	**100.0%**	**––**
Random effects model			**−0.46 [−0.58; −0.33]**	**––**	**100.0%**



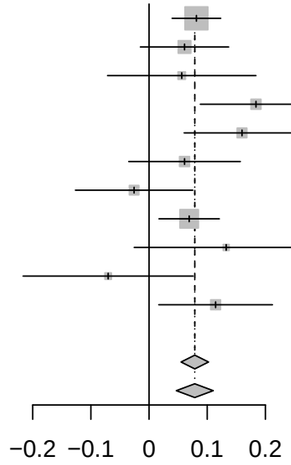
Heterogeneity: I^2 = 72%, τ^2 = 0.0280, p < 0.01

TNFSF14 (TNFSF14)−rs344562



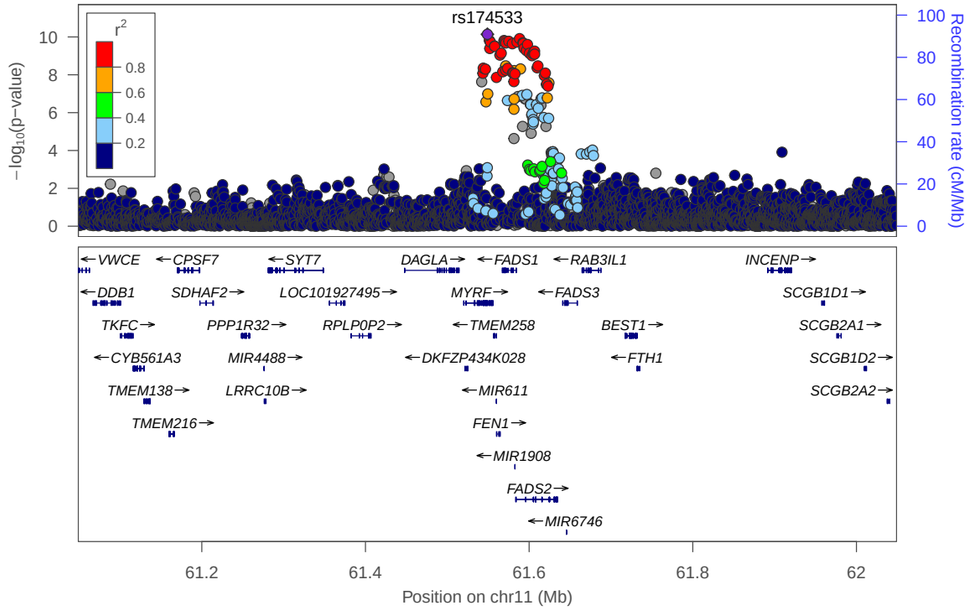
TRAIL (TNFSF10) [chr11:61549025_A_G (rs174533) (A/G) N=14732]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.081	0.02	0.08 [0.04; 0.12]	32.0%	20.0%
BioFinder (1496)	0.061	0.04	0.06 [−0.01; 0.14]	9.7%	11.1%
EGCUT (487)	0.056	0.07	0.06 [−0.07; 0.18]	3.4%	5.2%
KORA (1064)	0.184	0.05	0.18 [0.09; 0.28]	6.1%	8.1%
NSPHS (866)	0.160	0.05	0.16 [0.06; 0.26]	5.7%	7.7%
ORCADES (982)	0.061	0.05	0.06 [−0.03; 0.16]	6.1%	8.1%
RECOMBINE (445)	−0.026	0.05	−0.03 [−0.13; 0.08]	5.5%	7.5%
STABILITY (2951)	0.069	0.03	0.07 [0.02; 0.12]	20.8%	16.9%
STANLEY (344)	0.133	0.08	0.13 [−0.03; 0.29]	2.2%	3.6%
STANLEY (300)	−0.070	0.07	−0.07 [−0.22; 0.08]	2.6%	4.1%
VIS (901)	0.114	0.05	0.11 [0.02; 0.21]	5.9%	7.9%
Common effect model			**0.08 [0.05; 0.10]**	**100.0%**	**––**
Random effects model			**0.08 [0.05; 0.11]**	**––**	**100.0%**



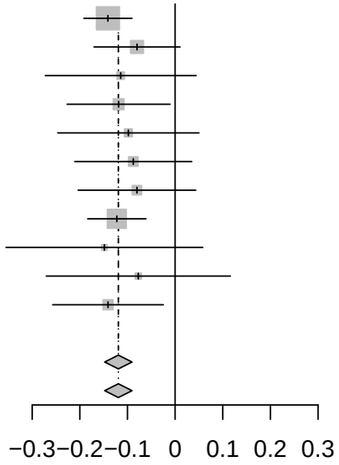
Heterogeneity: I^2 = 41%, τ^2 = 0.0009, p = 0.08

TRAIL (TNFSF10)−rs174533

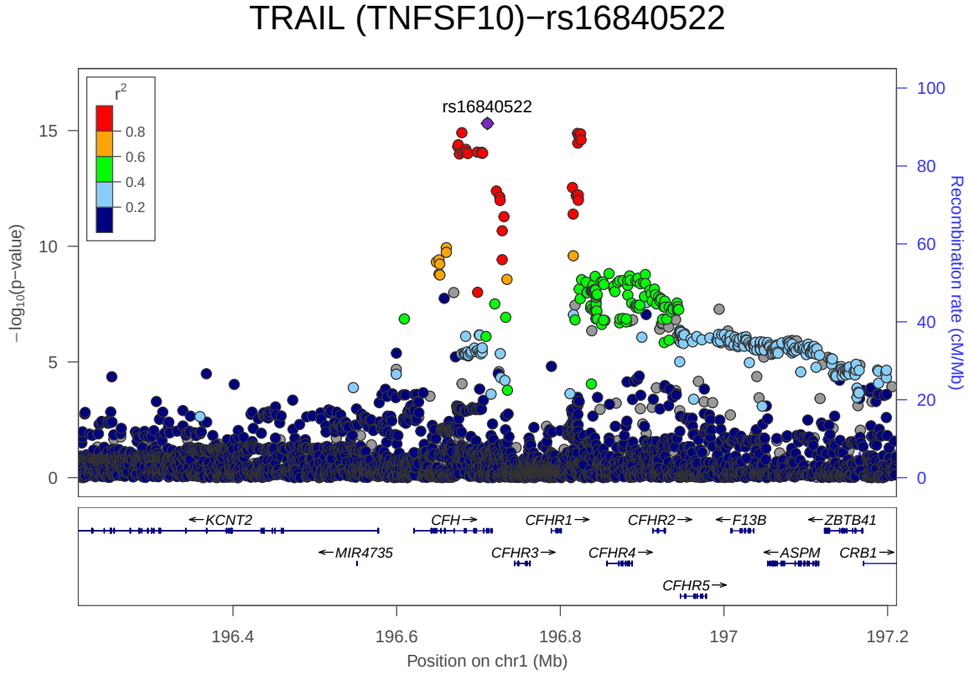


TRAIL (TNFSF10) [chr1:196710916_C_T (rs16840522) (T/C) N=14725]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.141	0.03	−0.14 [−0.19; −0.09]	32.5%	32.5%
BioFinder (1496)	−0.080	0.05	−0.08 [−0.17; 0.01]	10.1%	10.1%
EGCUT (487)	−0.114	0.08	−0.11 [−0.27; 0.04]	3.3%	3.3%
KORA (1064)	−0.119	0.06	−0.12 [−0.23; −0.01]	7.1%	7.1%
NSPHS (866)	−0.098	0.08	−0.10 [−0.25; 0.05]	3.8%	3.8%
ORCADES (982)	−0.088	0.06	−0.09 [−0.21; 0.03]	5.5%	5.5%
RECOMBINE (438)	−0.080	0.06	−0.08 [−0.20; 0.04]	5.4%	5.4%
STABILITY (2951)	−0.122	0.03	−0.12 [−0.18; −0.06]	22.0%	22.0%
STANLEY (344)	−0.148	0.11	−0.15 [−0.35; 0.06]	1.9%	1.9%
STANLEY (300)	−0.077	0.10	−0.08 [−0.27; 0.12]	2.2%	2.2%
VIS (901)	−0.141	0.06	−0.14 [−0.26; −0.02]	6.1%	6.1%
Common effect model			**−0.12 [−0.15; −0.09]**	**100.0%**	**––**
Random effects model			**−0.12 [−0.15; −0.09]**	**––**	**100.0%**

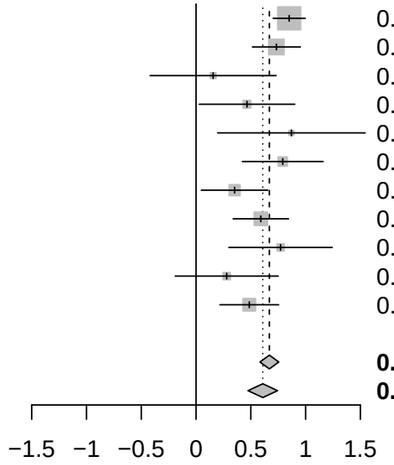


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.99

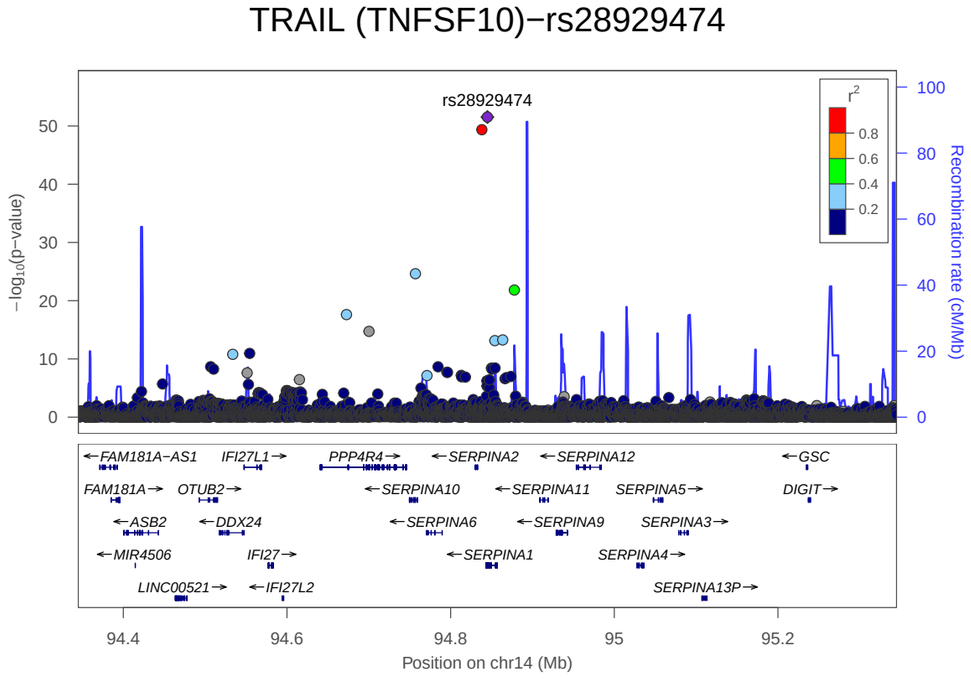


TRAIL (TNFSF10) [chr14:94844947_C_T (rs28929474) (T/C) N=14735]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.850	0.07	0.85 [0.70; 1.00]	34.6%	17.3%
BioFinder (1496)	0.733	0.11	0.73 [0.51; 0.95]	15.5%	13.8%
EGCUT (487)	0.156	0.29	0.16 [−0.42; 0.73]	2.2%	4.4%
KORA (1064)	0.465	0.22	0.46 [0.03; 0.90]	3.9%	6.6%
NSPHS (866)	0.870	0.34	0.87 [0.20; 1.54]	1.6%	3.4%
ORCADES (982)	0.791	0.19	0.79 [0.42; 1.16]	5.5%	8.3%
RECOMBINE (448)	0.352	0.16	0.35 [0.05; 0.66]	8.0%	10.3%
STABILITY (2951)	0.591	0.13	0.59 [0.34; 0.84]	11.6%	12.3%
STANLEY (344)	0.771	0.24	0.77 [0.30; 1.24]	3.3%	5.9%
STANLEY (300)	0.280	0.24	0.28 [−0.19; 0.75]	3.4%	6.0%
VIS (901)	0.486	0.14	0.49 [0.22; 0.75]	10.3%	11.7%
Common effect model			**0.67 [0.58; 0.76]**	**100.0%**	––
Random effects model			**0.61 [0.47; 0.74]**	––	**100.0%**

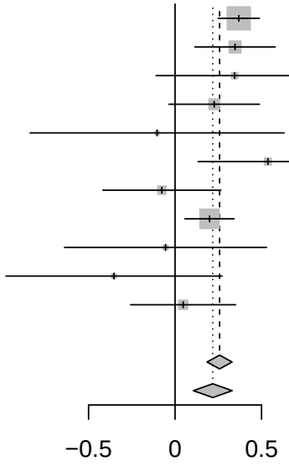


Heterogeneity: I^2 = 50%, τ^2 = 0.0218, p = 0.03

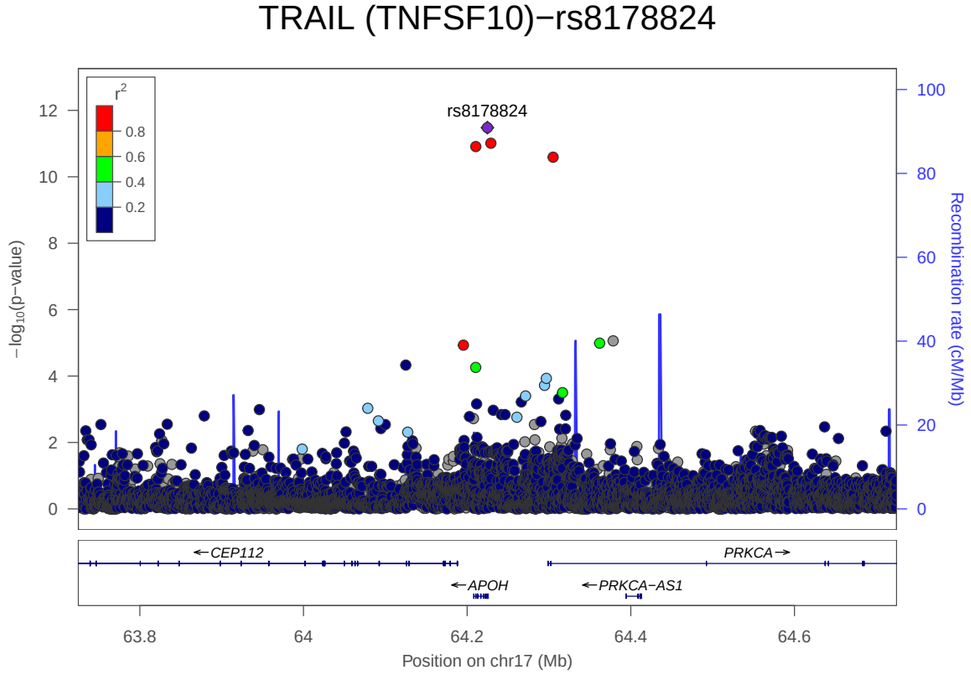


TRAIL (TNFSF10) [chr17:64224775_C_T (rs8178824) (T/C) N=14735]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.369	0.06	0.37 [0.25; 0.49]	37.0%	21.0%
BioFinder (1496)	0.347	0.12	0.35 [0.11; 0.58]	9.7%	12.6%
EGCUT (487)	0.344	0.23	0.34 [−0.11; 0.80]	2.5%	5.0%
KORA (1064)	0.226	0.13	0.23 [−0.04; 0.49]	7.7%	11.0%
NSPHS (866)	−0.104	0.37	−0.10 [−0.84; 0.63]	1.0%	2.2%
ORCADES (982)	0.537	0.21	0.54 [0.13; 0.94]	3.2%	6.0%
RECOMBINE (448)	−0.076	0.17	−0.08 [−0.42; 0.27]	4.5%	7.8%
STABILITY (2951)	0.200	0.07	0.20 [0.06; 0.34]	25.9%	19.1%
STANLEY (344)	−0.055	0.30	−0.06 [−0.64; 0.53]	1.5%	3.3%
STANLEY (300)	−0.353	0.32	−0.35 [−0.98; 0.27]	1.3%	2.9%
VIS (901)	0.047	0.15	0.05 [−0.26; 0.35]	5.7%	9.1%
Common effect model			**0.26 [0.18; 0.33]**	**100.0%**	**––**
Random effects model			**0.22 [0.11; 0.33]**	**––**	**100.0%**

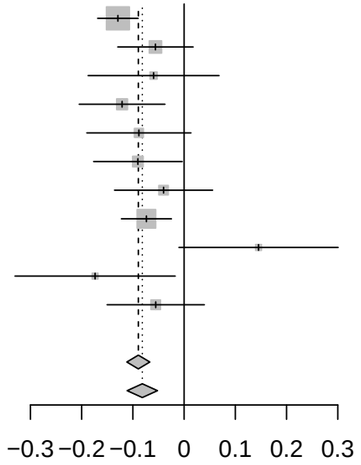


Heterogeneity: I^2 = 44%, τ^2 = 0.0120, p = 0.06

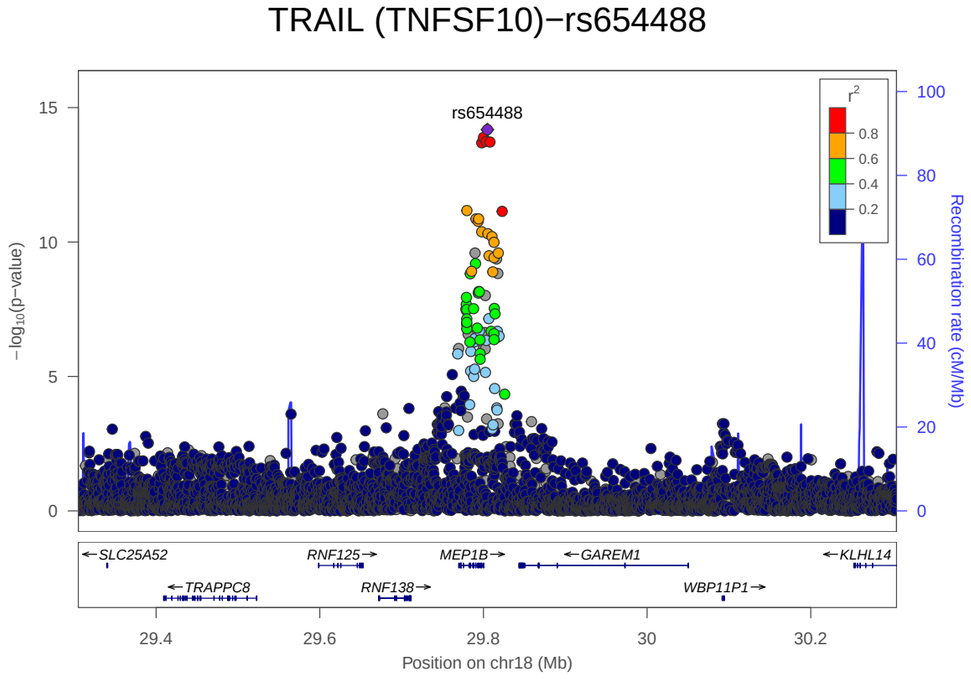


TRAIL (TNFSF10) [chr18:29804863_A_T (rs654488) (A/T) N=14735]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.129	0.02	−0.13 [−0.17; −0.09]	32.3%	20.9%
BioFinder (1496)	−0.056	0.04	−0.06 [−0.13; 0.02]	9.3%	10.9%
EGCUT (487)	−0.060	0.07	−0.06 [−0.19; 0.07]	3.1%	4.6%
KORA (1064)	−0.121	0.04	−0.12 [−0.20; −0.04]	7.2%	9.1%
NSPHS (866)	−0.088	0.05	−0.09 [−0.19; 0.01]	4.9%	6.8%
ORCADES (982)	−0.090	0.04	−0.09 [−0.18; −0.00]	6.8%	8.7%
RECOMBINE (448)	−0.040	0.05	−0.04 [−0.14; 0.06]	5.5%	7.4%
STABILITY (2951)	−0.074	0.02	−0.07 [−0.12; −0.02]	21.2%	17.5%
STANLEY (344)	0.145	0.08	0.15 [−0.01; 0.30]	2.1%	3.3%
STANLEY (300)	−0.174	0.08	−0.17 [−0.33; −0.02]	2.1%	3.2%
VIS (901)	−0.055	0.05	−0.06 [−0.15; 0.04]	5.6%	7.5%
Common effect model			**−0.09 [−0.11; −0.07]**	**100.0%**	**––**
Random effects model			**−0.08 [−0.11; −0.05]**	**––**	**100.0%**

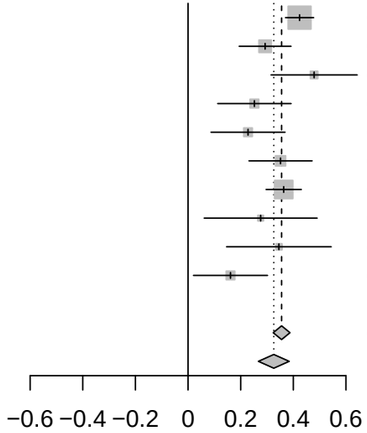


Heterogeneity: I^2 = 42%, τ^2 = 0.0007, p = 0.07

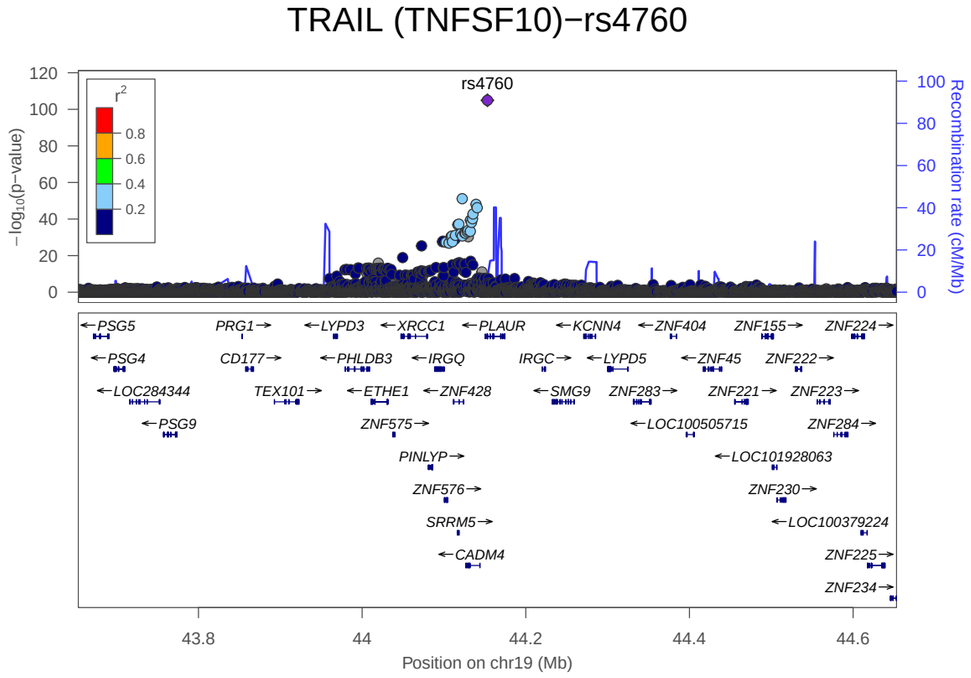


TRAIL (TNFSF10) [chr19:44153100_A_G (rs4760) (A/G) N=14287]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.424	0.03	0.42 [0.37; 0.48]	35.6%	16.2%
BioFinder (1496)	0.293	0.05	0.29 [0.19; 0.39]	10.5%	12.2%
EGCUT (487)	0.479	0.08	0.48 [0.32; 0.64]	3.8%	7.6%
KORA (1064)	0.252	0.07	0.25 [0.11; 0.39]	5.2%	9.1%
NSPHS (866)	0.228	0.07	0.23 [0.09; 0.37]	5.1%	9.0%
ORCADES (982)	0.351	0.06	0.35 [0.23; 0.47]	7.1%	10.5%
STABILITY (2951)	0.363	0.03	0.36 [0.30; 0.43]	22.7%	15.1%
STANLEY (344)	0.276	0.11	0.28 [0.06; 0.49]	2.2%	5.3%
STANLEY (300)	0.345	0.10	0.35 [0.15; 0.54]	2.6%	5.9%
VIS (901)	0.161	0.07	0.16 [0.02; 0.30]	5.1%	9.0%
Common effect model			**0.36 [0.32; 0.39]**	**100.0%**	**––**
Random effects model			**0.33 [0.27; 0.38]**	**––**	**100.0%**

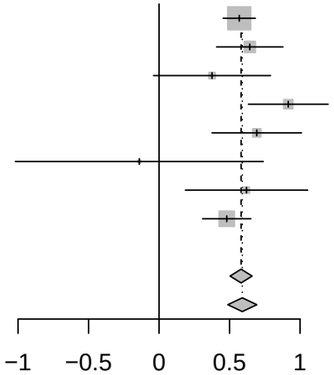


Heterogeneity: I^2 = 61%, τ^2 = 0.0048, p < 0.01



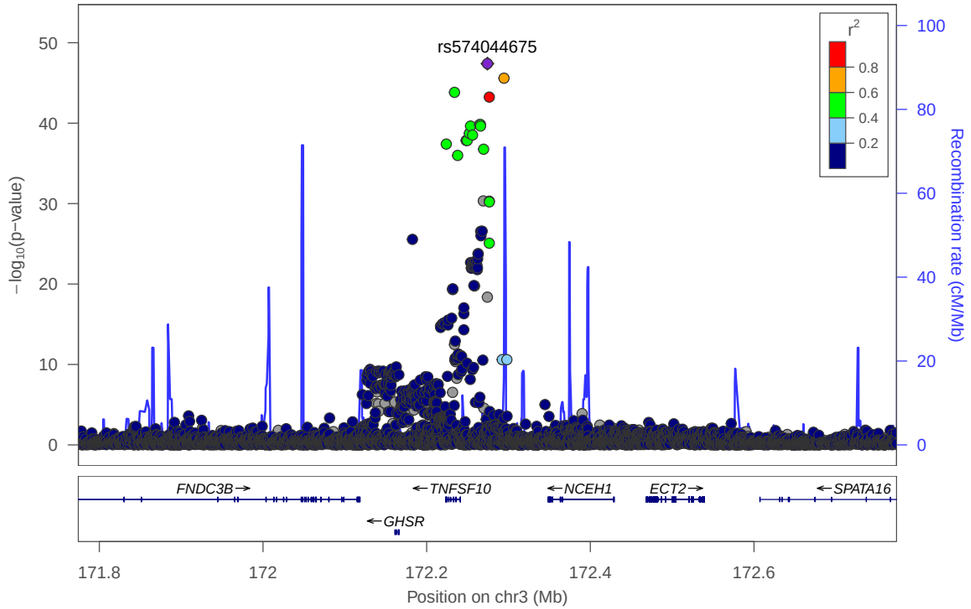
TRAIL (TNFSF10) [chr3:172274232_A_C (rs574044675) (A/C) N=13173]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.569	0.06	0.57 [0.45; 0.68]	46.8%	32.7%
BioFinder (1496)	0.644	0.12	0.64 [0.41; 0.88]	11.0%	14.1%
EGCUT (487)	0.376	0.21	0.38 [−0.04; 0.79]	3.6%	5.5%
KORA (1064)	0.916	0.14	0.92 [0.63; 1.20]	7.6%	10.7%
NSPHS (866)	0.693	0.16	0.69 [0.38; 1.01]	6.1%	8.8%
ORCADES (982)	−0.140	0.45	−0.14 [−1.02; 0.74]	0.8%	1.3%
RECOMBINE (431)	0.620	0.22	0.62 [0.19; 1.05]	3.3%	5.1%
STABILITY (2951)	0.480	0.09	0.48 [0.31; 0.65]	20.9%	21.8%
Common effect model			**0.58 [0.50; 0.66]**	**100.0%**	**––**
Random effects model			**0.59 [0.49; 0.69]**	**––**	**100.0%**



Heterogeneity: I^2 = 37%, τ^2 = 0.0050, p = 0.14

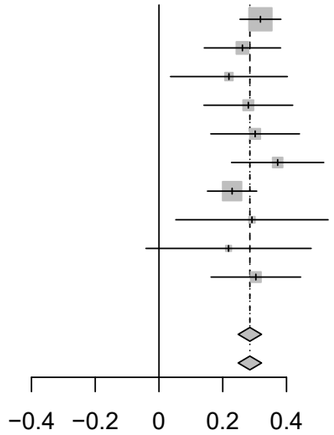
TRAIL (TNFSF10)−rs574044675

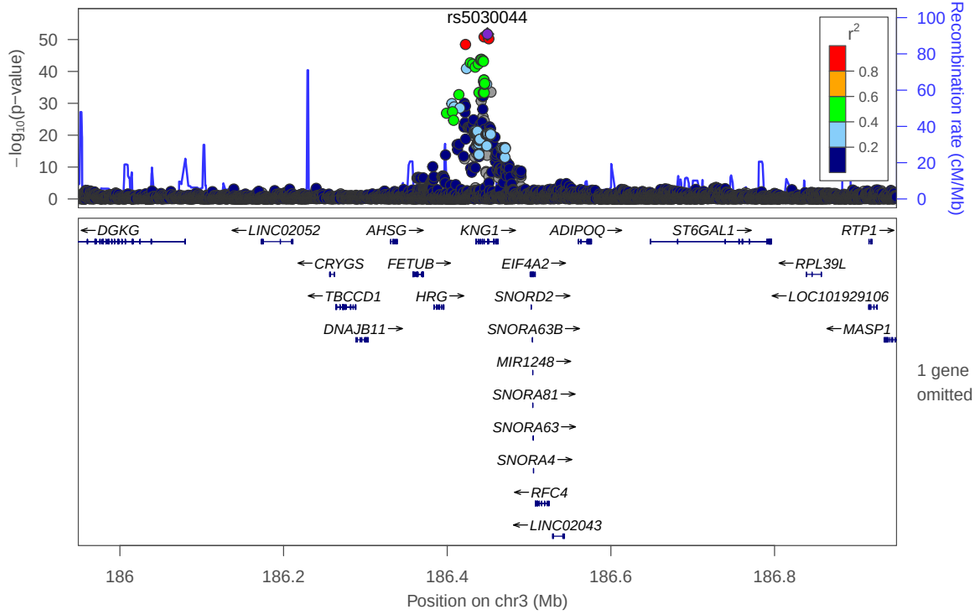


TRAIL (TNFSF10) [chr3:186449122_A_G (rs5030044) (A/G) N=14287]

Study	b	SE	95%−CI	Weight (fixed)	Weight (random)
INTERVAL (4896)	0.32	0.0327	0.32 [0.25; 0.38]	32.7%	32.7%
BioFinder (1496)	0.26	0.0611	0.26 [0.14; 0.38]	9.4%	9.4%
EGCUT (487)	0.22	0.0935	0.22 [0.04; 0.40]	4.0%	4.0%
KORA (1064)	0.28	0.0711	0.28 [0.14; 0.42]	6.9%	6.9%
NSPHS (866)	0.30	0.0710	0.30 [0.16; 0.44]	6.9%	6.9%
ORCADES (982)	0.37	0.0738	0.37 [0.23; 0.52]	6.4%	6.4%
STABILITY (2951)	0.23	0.0394	0.23 [0.15; 0.31]	22.5%	22.5%
STANLEY (344)	0.29	0.1219	0.29 [0.05; 0.53]	2.4%	2.4%
STANLEY (300)	0.22	0.1322	0.22 [−0.04; 0.48]	2.0%	2.0%
VIS (901)	0.30	0.0717	0.30 [0.16; 0.44]	6.8%	6.8%
Fixed effect model			**0.29 [0.25; 0.32]**	**100.0%**	**--**
Random effects model			**0.29 [0.25; 0.32]**	**--**	**100.0%**

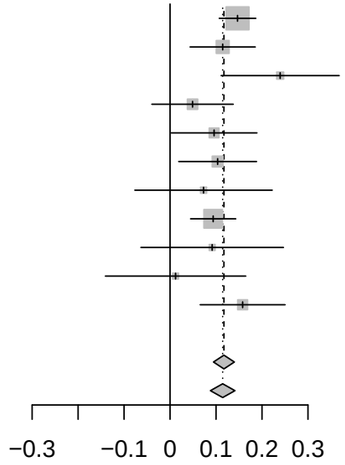
Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.79





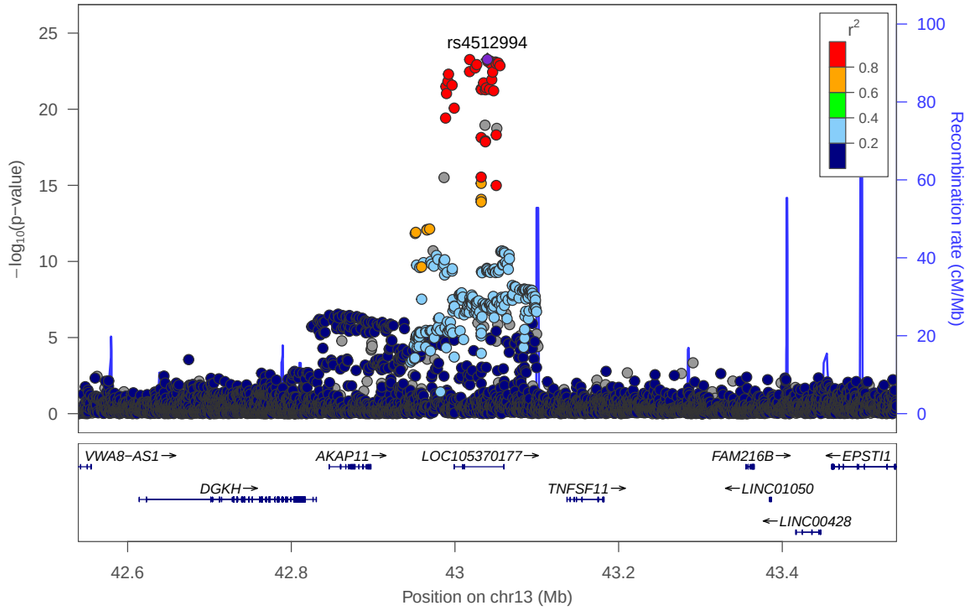
TRANCE (TNFSF11) [chr13:43039673_A_C (rs4512994) (A/C) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.147	0.02	0.15 [0.11; 0.19]	32.7%	25.3%
BioFinder (1496)	0.114	0.04	0.11 [0.04; 0.19]	10.3%	11.4%
EGCUT (487)	0.239	0.07	0.24 [0.11; 0.37]	3.1%	4.0%
KORA (1064)	0.049	0.05	0.05 [−0.04; 0.14]	6.6%	7.9%
NSPHS (866)	0.096	0.05	0.10 [0.00; 0.19]	5.9%	7.2%
ORCADES (982)	0.103	0.04	0.10 [0.02; 0.19]	7.2%	8.5%
RECOMBINE (448)	0.073	0.08	0.07 [−0.08; 0.22]	2.3%	3.0%
STABILITY (2951)	0.094	0.03	0.09 [0.04; 0.14]	21.4%	19.6%
STANLEY (344)	0.092	0.08	0.09 [−0.06; 0.25]	2.2%	2.8%
STANLEY (300)	0.012	0.08	0.01 [−0.14; 0.16]	2.2%	2.9%
VIS (902)	0.158	0.05	0.16 [0.07; 0.25]	6.1%	7.3%
Common effect model			**0.12 [0.09; 0.14]**	**100.0%**	––
Random effects model			**0.11 [0.09; 0.14]**	––	**100.0%**



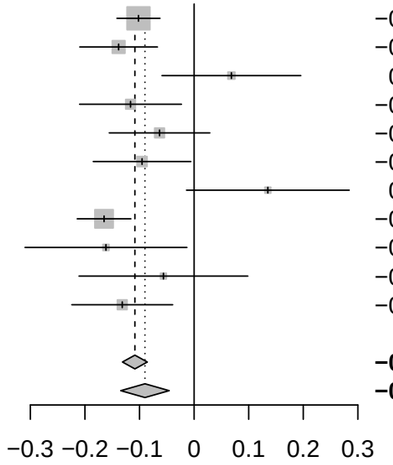
Heterogeneity: I^2 = 17%, τ^2 = 0.0003, p = 0.28

TRANCE (TNFSF11)−rs4512994



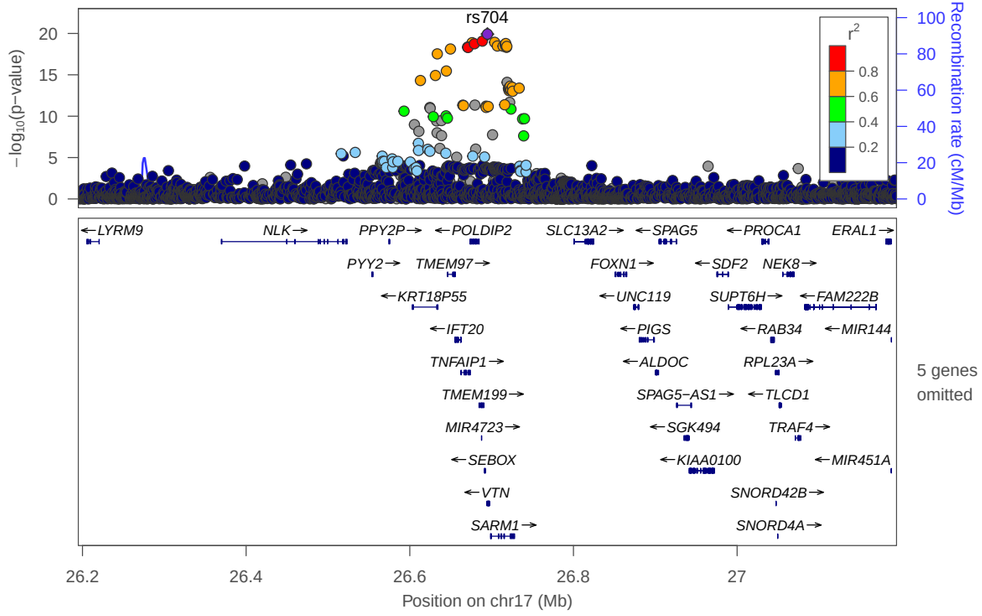
TRANCE (TNFSF11) [chr17:26694861_A_G (rs704) (A/G) N=14736]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.102	0.02	−0.10 [−0.14; −0.06]	33.4%	14.1%
BioFinder (1496)	−0.138	0.04	−0.14 [−0.21; −0.07]	10.3%	11.2%
EGCUT (487)	0.068	0.06	0.07 [−0.06; 0.20]	3.2%	6.9%
KORA (1064)	−0.116	0.05	−0.12 [−0.21; −0.02]	6.0%	9.3%
NSPHS (866)	−0.063	0.05	−0.06 [−0.16; 0.03]	6.1%	9.4%
ORCADES (982)	−0.095	0.05	−0.10 [−0.18; −0.01]	6.5%	9.6%
RECOMBINE (448)	0.135	0.08	0.14 [−0.01; 0.28]	2.3%	5.7%
STABILITY (2951)	−0.165	0.03	−0.16 [−0.21; −0.12]	21.5%	13.3%
STANLEY (344)	−0.162	0.08	−0.16 [−0.31; −0.01]	2.4%	5.7%
STANLEY (300)	−0.056	0.08	−0.06 [−0.21; 0.10]	2.2%	5.4%
VIS (902)	−0.132	0.05	−0.13 [−0.22; −0.04]	6.1%	9.4%
Common effect model			**−0.11 [−0.13; −0.09]**	**100.0%**	**––**
Random effects model			**−0.09 [−0.13; −0.05]**	**––**	**100.0%**



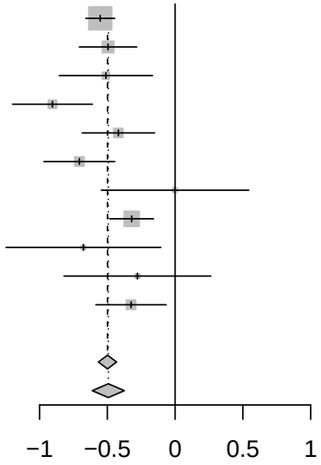
Heterogeneity: I^2 = 61%, τ^2 = 0.0032, p < 0.01

TRANCE (TNFSF11)−rs704

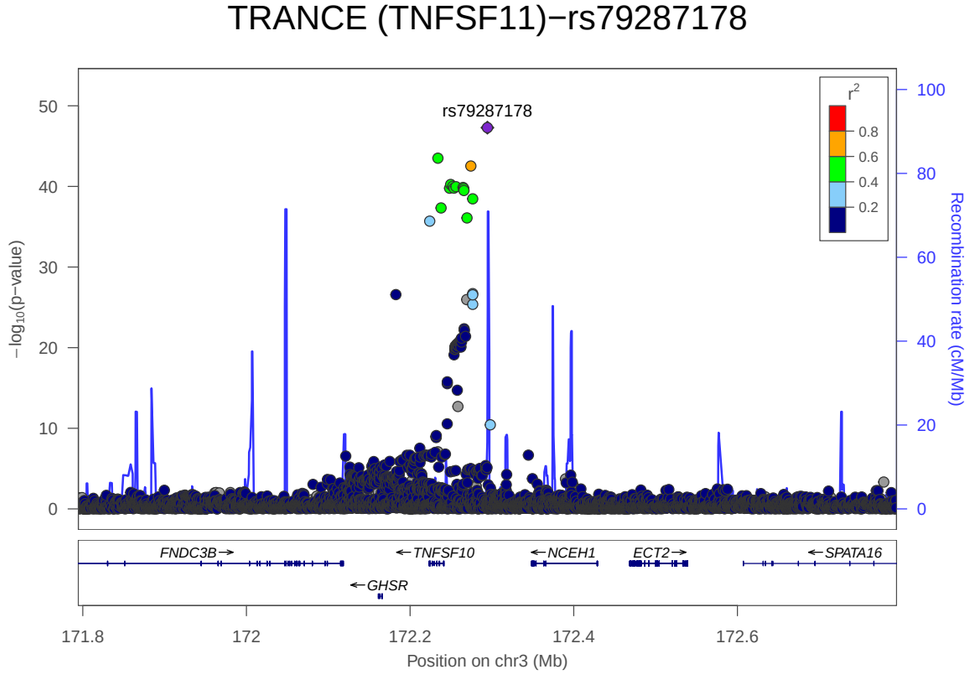


TRANCE (TNFSF11) [chr3:172294500_A_G (rs79287178) (A/G) N=14719]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.552	0.05	−0.55 [−0.66; −0.45]	39.7%	16.7%
BioFinder (1496)	−0.495	0.11	−0.49 [−0.71; −0.28]	10.0%	11.9%
EGCUT (487)	−0.511	0.18	−0.51 [−0.85; −0.17]	3.8%	7.4%
KORA (1064)	−0.905	0.15	−0.90 [−1.20; −0.61]	5.2%	8.8%
NSPHS (866)	−0.419	0.14	−0.42 [−0.69; −0.15]	6.3%	9.7%
ORCADES (982)	−0.706	0.13	−0.71 [−0.97; −0.44]	6.6%	10.0%
RECOMBINE (431)	−0.001	0.28	−0.00 [−0.54; 0.54]	1.5%	3.8%
STABILITY (2951)	−0.321	0.08	−0.32 [−0.48; −0.16]	17.3%	14.2%
STANLEY (344)	−0.676	0.29	−0.68 [−1.25; −0.11]	1.4%	3.5%
STANLEY (300)	−0.278	0.28	−0.28 [−0.82; 0.26]	1.5%	3.8%
VIS (902)	−0.325	0.13	−0.32 [−0.58; −0.07]	6.7%	10.1%
Common effect model			**−0.50 [−0.57; −0.43]**	**100.0%**	**––**
Random effects model			**−0.49 [−0.61; −0.37]**	**––**	**100.0%**

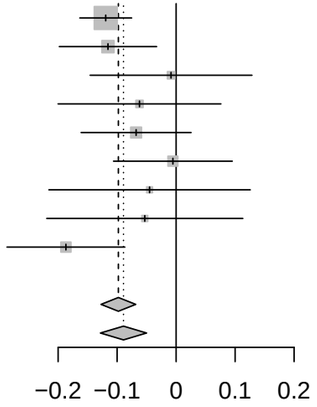


Heterogeneity: I^2 = 54%, τ^2 = 0.0191, p = 0.02



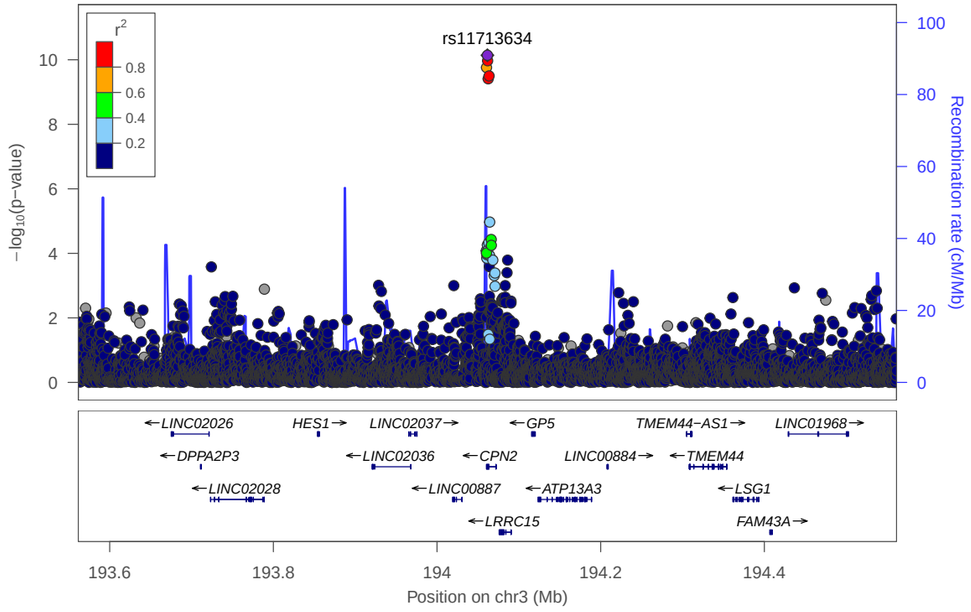
TRANCE (TNFSF11) [chr3:194061578_A_G (rs11713634) (A/G) N=11337]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.119	0.02	−0.12 [−0.16; −0.08]	44.8%	27.5%
BioFinder (1496)	−0.115	0.04	−0.12 [−0.20; −0.03]	12.7%	14.6%
EGCUT (487)	−0.009	0.07	−0.01 [−0.15; 0.13]	4.6%	6.8%
KORA (1064)	−0.062	0.07	−0.06 [−0.20; 0.08]	4.5%	6.7%
NSPHS (866)	−0.068	0.05	−0.07 [−0.16; 0.03]	10.0%	12.4%
ORCADES (982)	−0.005	0.05	−0.01 [−0.11; 0.10]	8.5%	11.1%
STANLEY (344)	−0.045	0.09	−0.04 [−0.22; 0.13]	3.0%	4.7%
STANLEY (300)	−0.053	0.08	−0.05 [−0.22; 0.11]	3.1%	4.9%
VIS (902)	−0.187	0.05	−0.19 [−0.29; −0.09]	8.7%	11.2%
Common effect model			**−0.10 [−0.13; −0.07]**	**100.0%**	**––**
Random effects model			**−0.09 [−0.13; −0.05]**	**––**	**100.0%**



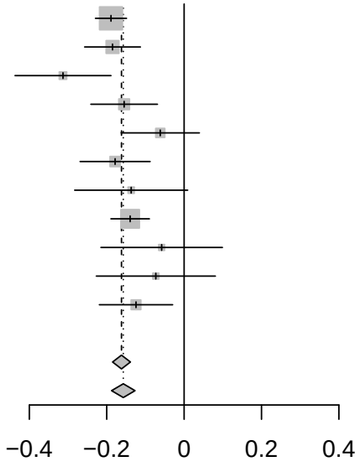
Heterogeneity: I^2 = 22%, τ^2 = 0.0009, p = 0.24

TRANCE (TNFSF11)−rs11713634



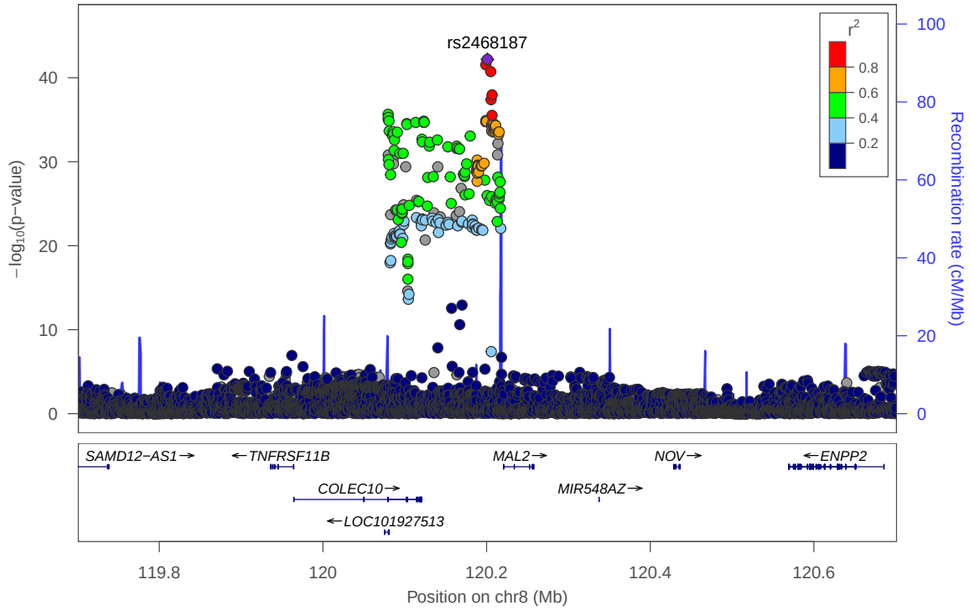
TRANCE (TNFSF11) [chr8:120201029_C_T (rs2468187) (T/C) N=14735]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.189	0.02	−0.19 [−0.23; −0.15]	33.0%	21.7%
BioFinder (1496)	−0.185	0.04	−0.19 [−0.26; −0.11]	10.3%	11.8%
EGCUT (487)	−0.313	0.06	−0.31 [−0.44; −0.19]	3.5%	5.1%
KORA (1064)	−0.155	0.04	−0.15 [−0.24; −0.07]	7.2%	9.2%
NSPHS (866)	−0.062	0.05	−0.06 [−0.16; 0.04]	5.2%	7.2%
ORCADES (982)	−0.178	0.05	−0.18 [−0.27; −0.09]	6.5%	8.5%
RECOMBINE (447)	−0.137	0.07	−0.14 [−0.28; 0.01]	2.5%	3.8%
STABILITY (2951)	−0.139	0.03	−0.14 [−0.19; −0.09]	21.5%	18.0%
STANLEY (344)	−0.058	0.08	−0.06 [−0.21; 0.10]	2.2%	3.4%
STANLEY (300)	−0.073	0.08	−0.07 [−0.23; 0.08]	2.3%	3.5%
VIS (902)	−0.124	0.05	−0.12 [−0.22; −0.03]	5.9%	7.9%
Common effect model			**−0.16 [−0.18; −0.14]**	**100.0%**	**––**
Random effects model			**−0.16 [−0.19; −0.13]**	**––**	**100.0%**



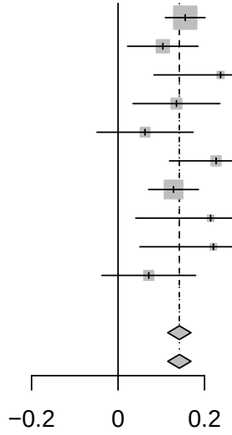
Heterogeneity: I^2 = 38%, τ^2 = 0.0007, p = 0.09

TRANCE (TNFSF11)−rs2468187

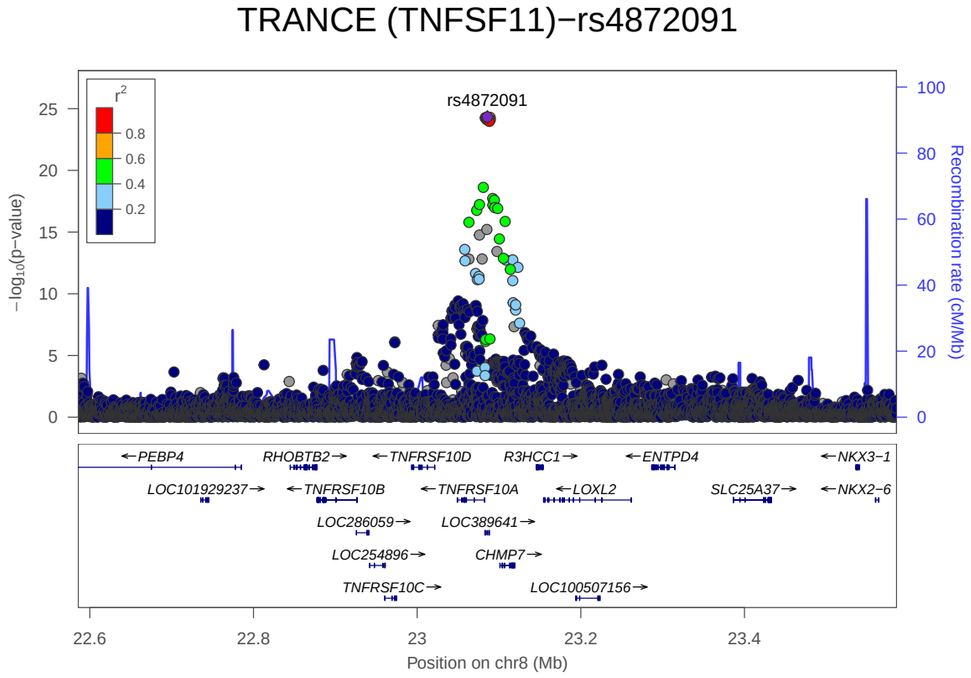


TRANCE (TNFSF11) [chr8:23085868_A_G (rs4872091) (A/G) N=14288]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.155	0.02	0.16 [0.11; 0.20]	34.1%	34.0%
BioFinder (1496)	0.104	0.04	0.10 [0.02; 0.19]	10.8%	10.9%
EGCUT (487)	0.237	0.08	0.24 [0.08; 0.39]	3.0%	3.1%
KORA (1064)	0.135	0.05	0.14 [0.03; 0.24]	7.2%	7.2%
NSPHS (866)	0.062	0.06	0.06 [−0.05; 0.17]	5.8%	5.9%
ORCADES (982)	0.227	0.05	0.23 [0.12; 0.33]	6.2%	6.3%
STABILITY (2951)	0.128	0.03	0.13 [0.07; 0.19]	21.7%	21.7%
STANLEY (344)	0.214	0.09	0.21 [0.04; 0.39]	2.4%	2.4%
STANLEY (300)	0.221	0.09	0.22 [0.05; 0.39]	2.5%	2.5%
VIS (902)	0.071	0.06	0.07 [−0.04; 0.18]	6.1%	6.2%
Common effect model			**0.14 [0.11; 0.17]**	**100.0%**	––
Random effects model			**0.14 [0.11; 0.17]**	––	**100.0%**

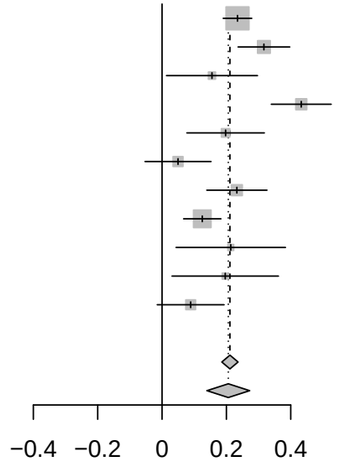


Heterogeneity: I^2 = 13%, τ^2 < 0.0001, p = 0.32



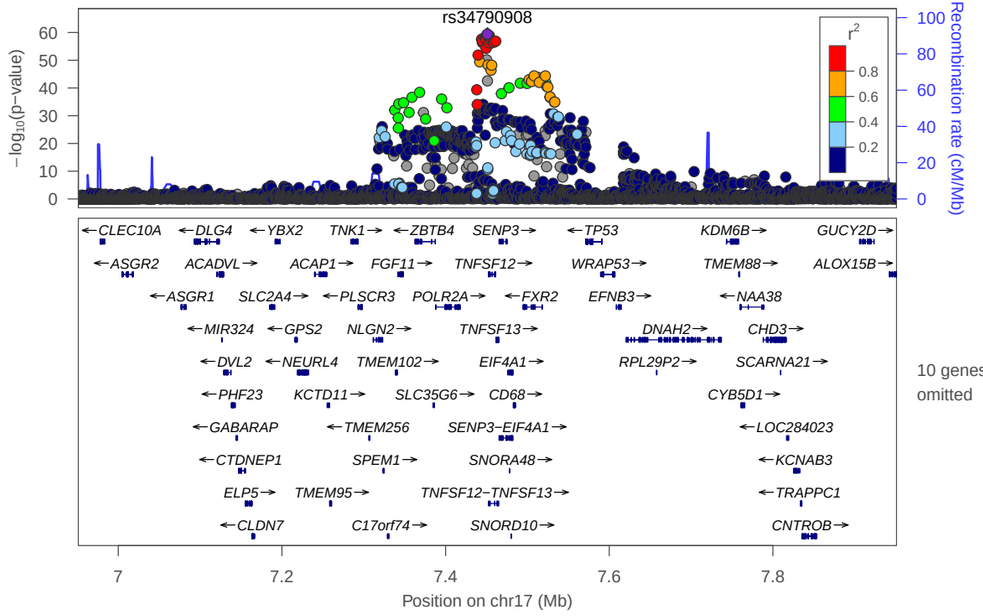
TWEAK (TNFSF12) [chr17:7451110_C_T (rs34790908) (T/C) N=14732]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.234	0.02	0.23 [0.19; 0.28]	32.4%	11.3%
BioFinder (1496)	0.317	0.04	0.32 [0.24; 0.40]	9.9%	10.1%
EGCUT (487)	0.155	0.07	0.16 [0.01; 0.30]	3.2%	7.7%
KORA (1064)	0.433	0.05	0.43 [0.34; 0.53]	7.4%	9.7%
NSPHS (866)	0.198	0.06	0.20 [0.08; 0.32]	4.4%	8.6%
ORCADES (982)	0.050	0.05	0.05 [−0.05; 0.15]	6.1%	9.3%
RECOMBINE (444)	0.233	0.05	0.23 [0.14; 0.33]	7.3%	9.6%
STABILITY (2951)	0.125	0.03	0.13 [0.07; 0.18]	19.0%	10.9%
STANLEY (344)	0.214	0.09	0.21 [0.04; 0.38]	2.2%	6.7%
STANLEY (300)	0.196	0.08	0.20 [0.03; 0.36]	2.3%	6.9%
VIS (902)	0.089	0.05	0.09 [−0.01; 0.19]	5.9%	9.2%
Common effect model			**0.21 [0.19; 0.24]**	**100.0%**	**––**
Random effects model			**0.21 [0.14; 0.27]**	**––**	**100.0%**



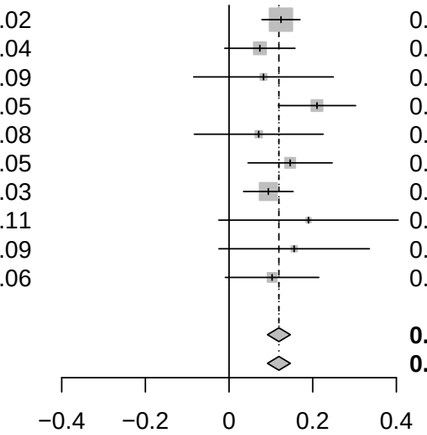
Heterogeneity: I^2 = 81%, τ^2 = 0.0097, p < 0.01

TWEAK (TNFSF12)−rs34790908

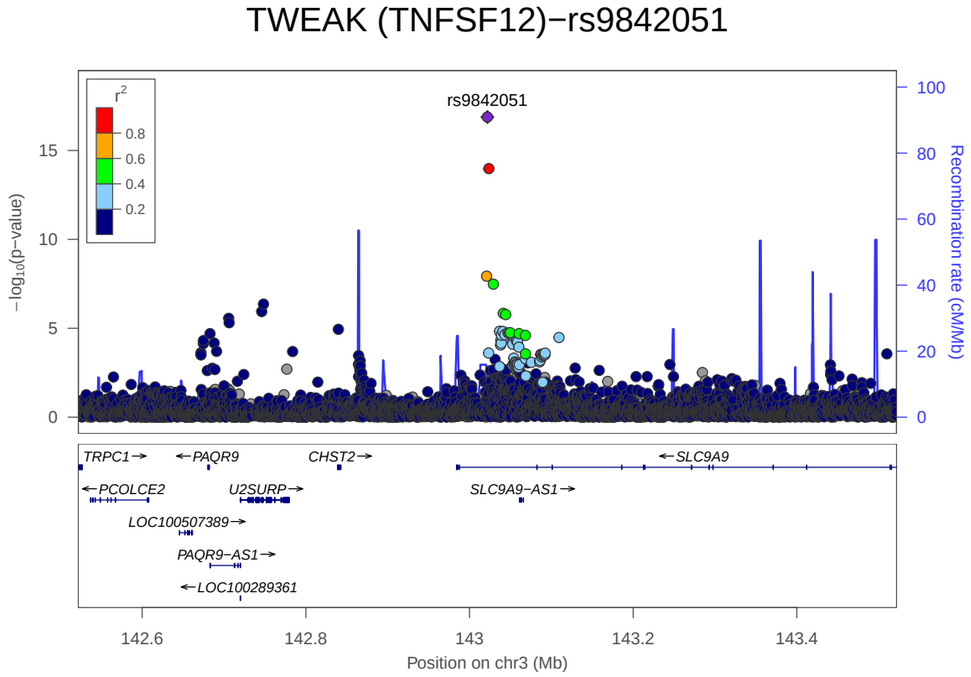


TWEAK (TNFSF12) [chr3:143021856_C_G (rs9842051) (C/G) N=14288]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.124	0.02	0.12 [0.08; 0.17]	36.2%	36.2%
BioFinder (1496)	0.074	0.04	0.07 [−0.01; 0.16]	10.6%	10.6%
EGCUT (487)	0.082	0.09	0.08 [−0.08; 0.25]	2.7%	2.7%
KORA (1064)	0.210	0.05	0.21 [0.12; 0.30]	8.8%	8.8%
NSPHS (866)	0.071	0.08	0.07 [−0.08; 0.22]	3.2%	3.2%
ORCADES (982)	0.146	0.05	0.15 [0.05; 0.25]	7.4%	7.4%
STABILITY (2951)	0.094	0.03	0.09 [0.03; 0.15]	21.3%	21.3%
STANLEY (344)	0.190	0.11	0.19 [−0.02; 0.40]	1.6%	1.6%
STANLEY (300)	0.156	0.09	0.16 [−0.02; 0.34]	2.3%	2.3%
VIS (902)	0.103	0.06	0.10 [−0.01; 0.21]	6.0%	6.0%
Common effect model			**0.12 [0.09; 0.15]**	**100.0%**	––
Random effects model			**0.12 [0.09; 0.15]**	––	**100.0%**

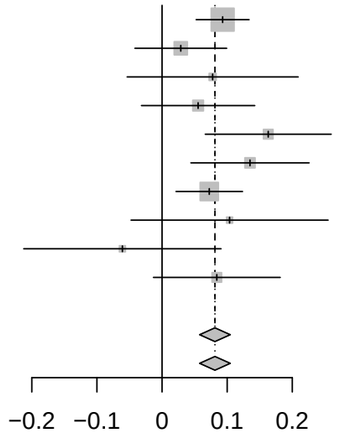


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.63



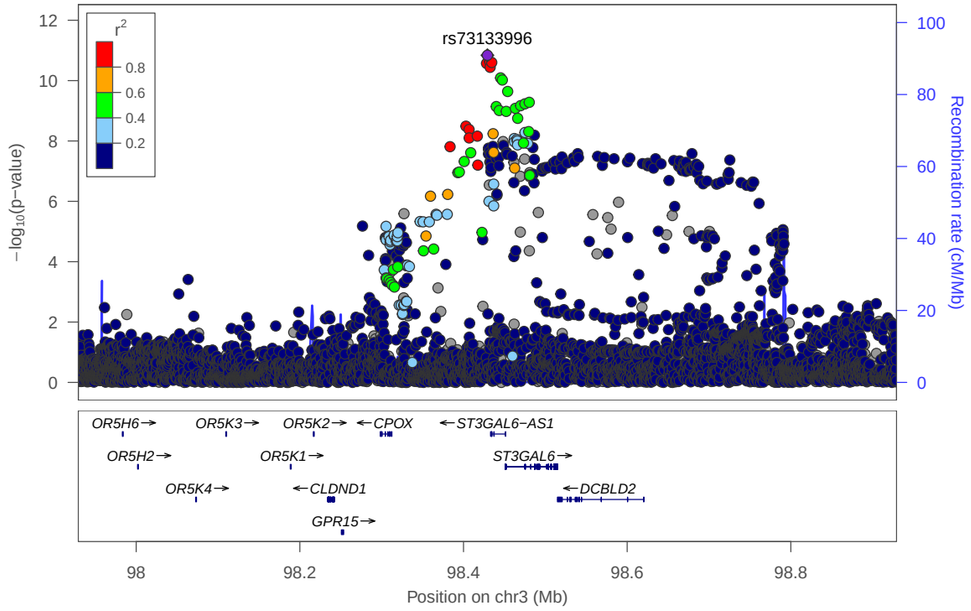
TWEAK (TNFSF12) [chr3:98429219_C_G (rs73133996) (C/G) N=14288]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.093	0.02	0.09 [0.05; 0.13]	33.6%	33.6%
BioFinder (1496)	0.029	0.04	0.03 [−0.04; 0.10]	11.2%	11.2%
EGCUT (487)	0.078	0.07	0.08 [−0.05; 0.21]	3.2%	3.2%
KORA (1064)	0.055	0.04	0.06 [−0.03; 0.14]	7.3%	7.3%
NSPHS (866)	0.163	0.05	0.16 [0.07; 0.26]	5.9%	5.9%
ORCADES (982)	0.135	0.05	0.14 [0.04; 0.23]	6.7%	6.7%
STABILITY (2951)	0.073	0.03	0.07 [0.02; 0.12]	21.3%	21.3%
STANLEY (344)	0.104	0.08	0.10 [−0.05; 0.26]	2.4%	2.4%
STANLEY (300)	−0.061	0.08	−0.06 [−0.21; 0.09]	2.4%	2.4%
VIS (902)	0.084	0.05	0.08 [−0.01; 0.18]	5.9%	5.9%
Common effect model			**0.08 [0.06; 0.10]**	**100.0%**	**––**
Random effects model			**0.08 [0.06; 0.10]**	**––**	**100.0%**



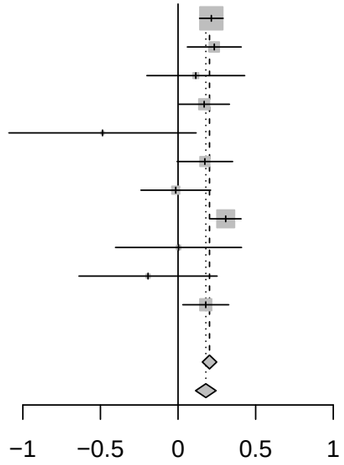
Heterogeneity: I^2 = 14%, τ^2 < 0.0001, p = 0.31

TWEAK (TNFSF12)−rs73133996

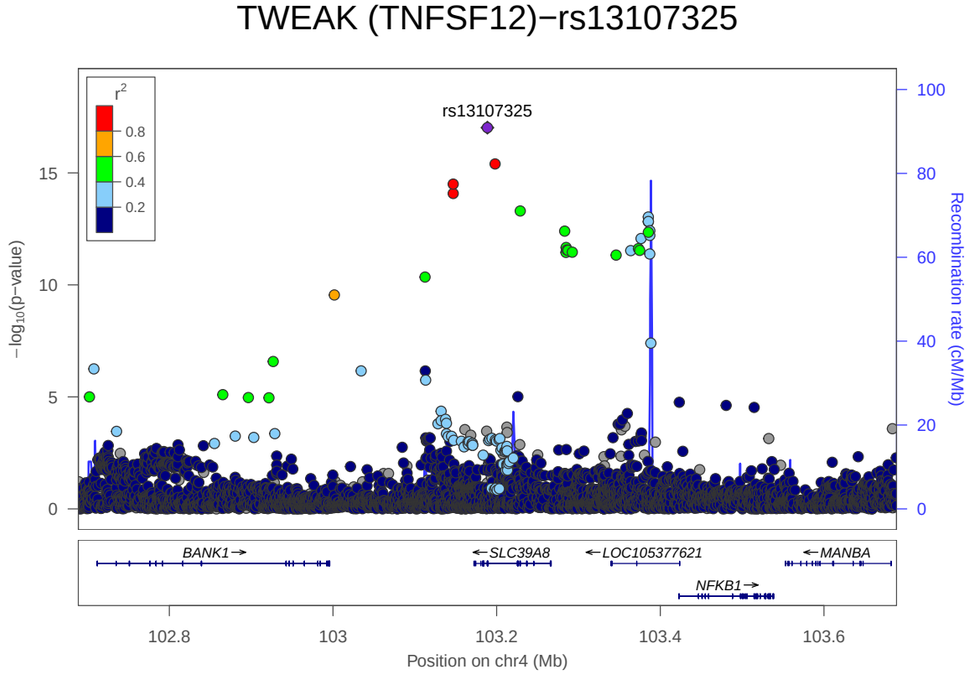


TWEAK (TNFSF12) [chr4:103188709_C_T (rs13107325) (T/C) N=14733]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.214	0.04	0.21 [0.14; 0.29]	37.1%	22.4%
BioFinder (1496)	0.233	0.09	0.23 [0.06; 0.41]	7.1%	10.0%
EGCUT (487)	0.114	0.16	0.11 [−0.20; 0.43]	2.2%	3.9%
KORA (1064)	0.168	0.08	0.17 [0.01; 0.33]	8.1%	10.8%
NSPHS (866)	−0.487	0.31	−0.49 [−1.09; 0.12]	0.6%	1.2%
ORCADES (982)	0.173	0.09	0.17 [−0.01; 0.35]	6.7%	9.5%
RECOMBINE (445)	−0.015	0.11	−0.01 [−0.24; 0.21]	4.3%	6.8%
STABILITY (2951)	0.307	0.05	0.31 [0.21; 0.41]	21.9%	18.6%
STANLEY (344)	0.003	0.21	0.00 [−0.40; 0.41]	1.3%	2.4%
STANLEY (300)	−0.193	0.23	−0.19 [−0.64; 0.25]	1.1%	2.1%
VIS (902)	0.179	0.08	0.18 [0.03; 0.33]	9.8%	12.3%
Common effect model			**0.20 [0.16; 0.25]**	**100.0%**	**––**
Random effects model			**0.18 [0.11; 0.25]**	**––**	**100.0%**

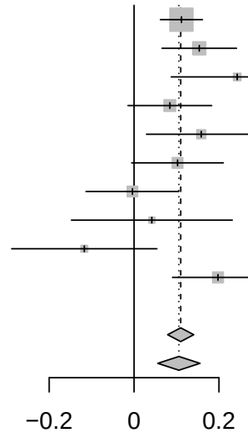


Heterogeneity: I^2 = 44%, τ^2 = 0.0036, p = 0.06



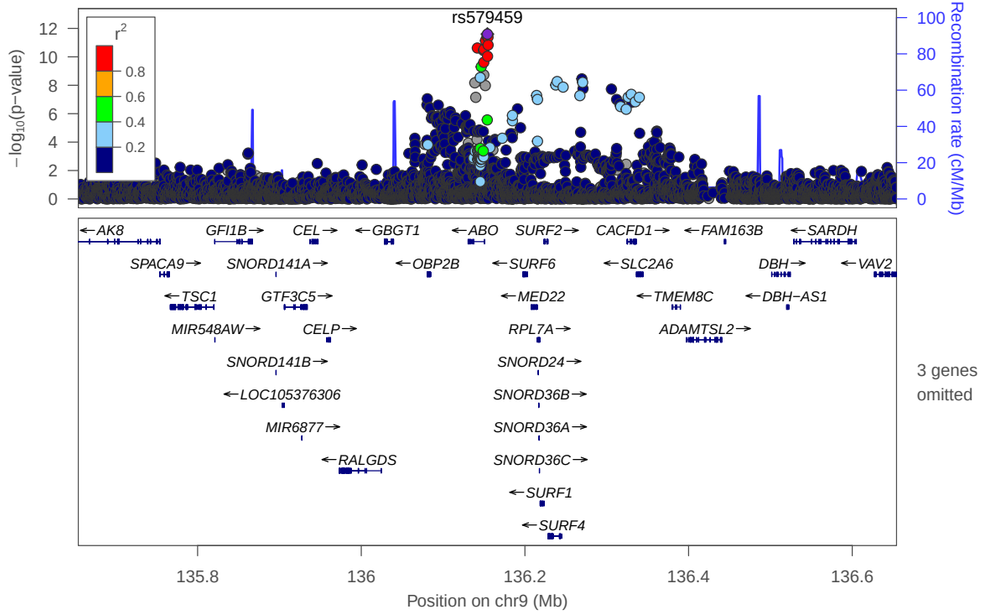
TWEAK (TNFSF12) [chr9:136154168_C_T (rs579459) (T/C) N=11785]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.112	0.03	0.11 [0.06; 0.16]	38.4%	17.4%
BioFinder (1496)	0.154	0.04	0.15 [0.07; 0.24]	12.2%	12.7%
EGCUT (487)	0.243	0.08	0.24 [0.09; 0.40]	3.9%	6.9%
KORA (1064)	0.084	0.05	0.08 [−0.01; 0.18]	9.7%	11.5%
NSPHS (866)	0.158	0.07	0.16 [0.03; 0.29]	5.7%	8.7%
ORCADES (982)	0.102	0.06	0.10 [−0.01; 0.21]	8.1%	10.6%
RECOMBINE (448)	−0.004	0.06	−0.00 [−0.11; 0.11]	7.9%	10.4%
STANLEY (344)	0.042	0.10	0.04 [−0.15; 0.23]	2.6%	5.2%
STANLEY (300)	−0.117	0.09	−0.12 [−0.29; 0.05]	3.2%	6.0%
VIS (902)	0.198	0.05	0.20 [0.09; 0.31]	8.2%	10.6%
Common effect model			**0.11 [0.08; 0.14]**	**100.0%**	**––**
Random effects model			**0.11 [0.06; 0.16]**	**––**	**100.0%**



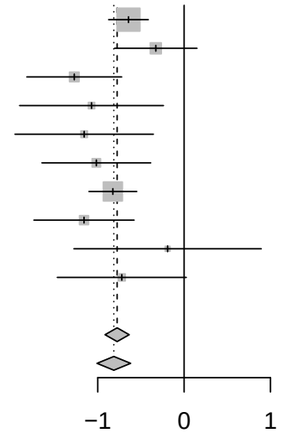
Heterogeneity: I^2 = 52%, τ^2 = 0.0031, p = 0.03

TWEAK (TNFSF12)−rs579459

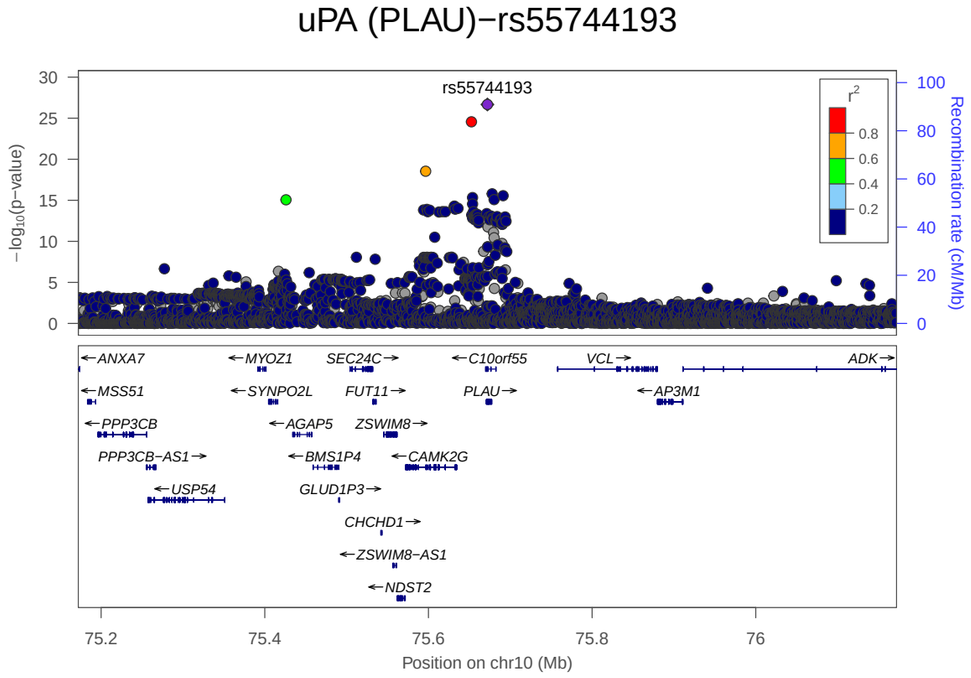


uPA (PLAU) [chr10:75672059_A_G (rs55744193) (A/G) N=14286]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.644	0.12	−0.64 [−0.87; −0.41]	37.3%	23.9%
BioFinder (1496)	−0.328	0.24	−0.33 [−0.80; 0.15]	8.6%	11.4%
EGCUT (487)	−1.272	0.28	−1.27 [−1.82; −0.72]	6.5%	9.3%
KORA (1064)	−1.072	0.42	−1.07 [−1.90; −0.24]	2.8%	4.7%
NSPHS (866)	−1.157	0.41	−1.16 [−1.96; −0.36]	3.1%	5.1%
ORCADES (981)	−1.017	0.32	−1.02 [−1.65; −0.39]	5.0%	7.6%
STABILITY (2951)	−0.825	0.14	−0.82 [−1.10; −0.55]	25.7%	20.8%
STANLEY (344)	−1.159	0.30	−1.16 [−1.74; −0.58]	5.8%	8.6%
STANLEY (300)	−0.191	0.55	−0.19 [−1.28; 0.89]	1.7%	3.0%
VIS (901)	−0.722	0.38	−0.72 [−1.47; 0.03]	3.5%	5.7%
Common effect model			**−0.78 [−0.92; −0.64]**	**100.0%**	**––**
Random effects model			**−0.81 [−1.01; −0.62]**	**––**	**100.0%**

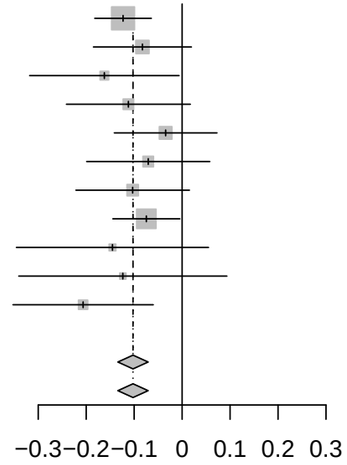


Heterogeneity: I^2 = 29%, τ^2 = 0.0276, p = 0.18

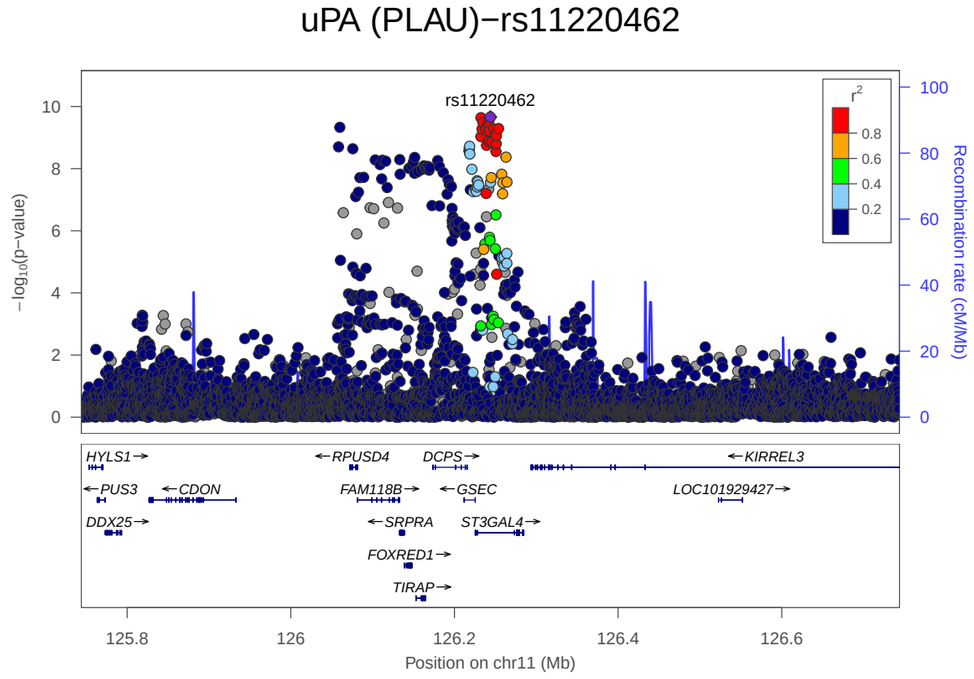


uPA (PLAU) [chr11:126243952_A_G (rs11220462) (A/G) N=14731]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.123	0.03	−0.12 [−0.18; −0.06]	28.7%	28.7%
BioFinder (1496)	−0.083	0.05	−0.08 [−0.18; 0.02]	9.6%	9.6%
EGCUT (487)	−0.162	0.08	−0.16 [−0.32; −0.01]	4.1%	4.1%
KORA (1064)	−0.112	0.07	−0.11 [−0.24; 0.02]	6.0%	6.0%
NSPHS (866)	−0.034	0.05	−0.03 [−0.14; 0.07]	8.7%	8.7%
ORCADES (981)	−0.071	0.07	−0.07 [−0.20; 0.06]	6.1%	6.1%
RECOMBINE (445)	−0.103	0.06	−0.10 [−0.22; 0.02]	7.1%	7.1%
STABILITY (2951)	−0.075	0.04	−0.07 [−0.14; −0.00]	20.5%	20.5%
STANLEY (344)	−0.145	0.10	−0.15 [−0.35; 0.06]	2.5%	2.5%
STANLEY (300)	−0.124	0.11	−0.12 [−0.34; 0.09]	2.1%	2.1%
VIS (901)	−0.206	0.07	−0.21 [−0.35; −0.06]	4.7%	4.7%
Common effect model			**−0.10 [−0.13; −0.07]**	**100.0%**	**––**
Random effects model			**−0.10 [−0.13; −0.07]**	**––**	**100.0%**

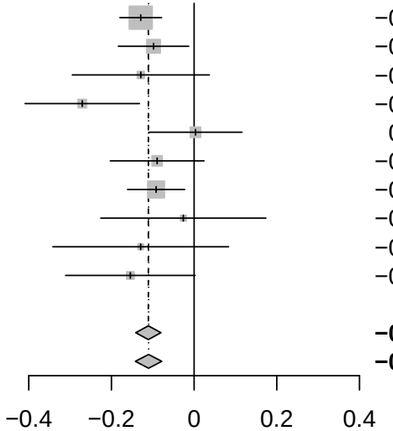


Heterogeneity: I^2 = 0%, τ^2 = 0, p = 0.84



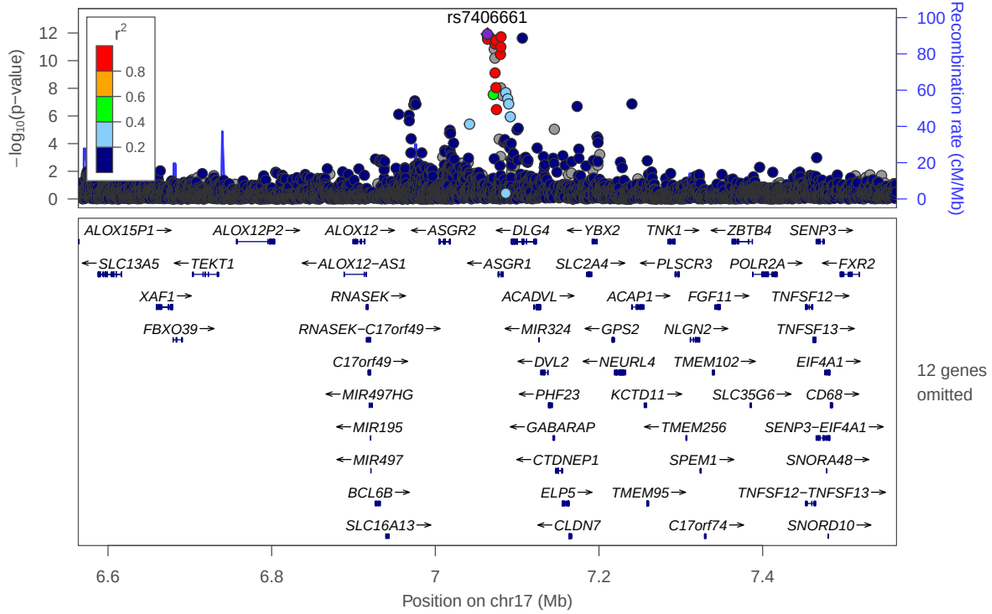
uPA (PLAU) [chr17:7063667_C_T (rs7406661) (T/C) N=14286]

Study	b	SE		95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.129	0.03		−0.13 [−0.18; −0.08]	36.6%	34.0%
BioFinder (1496)	−0.098	0.04		−0.10 [−0.18; −0.01]	12.8%	13.2%
EGCUT (487)	−0.129	0.08		−0.13 [−0.29; 0.04]	3.4%	3.7%
KORA (1064)	−0.271	0.07		−0.27 [−0.41; −0.13]	4.9%	5.2%
NSPHS (866)	0.003	0.06		0.00 [−0.11; 0.12]	7.4%	7.8%
ORCADES (981)	−0.089	0.06		−0.09 [−0.20; 0.02]	7.2%	7.7%
STABILITY (2951)	−0.092	0.04		−0.09 [−0.16; −0.02]	19.5%	19.5%
STANLEY (344)	−0.026	0.10		−0.03 [−0.23; 0.17]	2.3%	2.5%
STANLEY (300)	−0.129	0.11		−0.13 [−0.34; 0.08]	2.1%	2.2%
VIS (901)	−0.154	0.08		−0.15 [−0.31; 0.00]	3.8%	4.1%
Common effect model				**−0.11 [−0.14; −0.08]**	**100.0%**	**––**
Random effects model				**−0.11 [−0.14; −0.08]**	**––**	**100.0%**



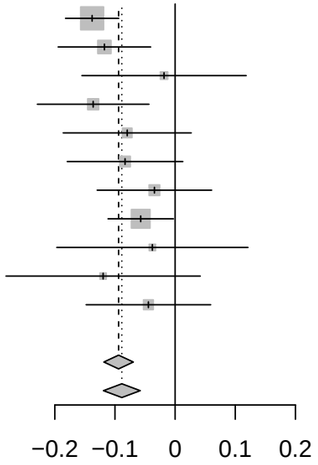
Heterogeneity: I^2 = 19%, τ^2 = 0.0001, p = 0.27

uPA (PLAU)−rs7406661

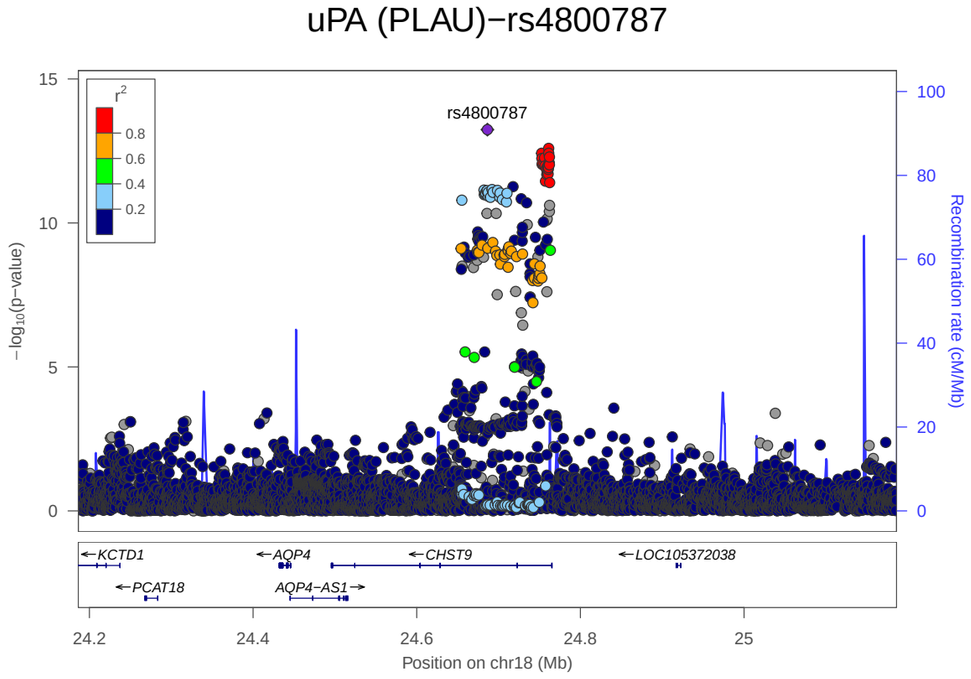


uPA (PLAU) [chr18:24686365_C_T (rs4800787) (T/C) N=14730]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.138	0.02	−0.14 [−0.18; −0.09]	30.6%	21.4%
BioFinder (1496)	−0.118	0.04	−0.12 [−0.19; −0.04]	10.2%	11.3%
EGCUT (487)	−0.018	0.07	−0.02 [−0.16; 0.12]	3.2%	4.5%
KORA (1064)	−0.136	0.05	−0.14 [−0.23; −0.04]	7.0%	8.5%
NSPHS (866)	−0.080	0.05	−0.08 [−0.19; 0.03]	5.3%	6.8%
ORCADES (981)	−0.083	0.05	−0.08 [−0.18; 0.01]	6.5%	8.0%
RECOMBINE (444)	−0.034	0.05	−0.03 [−0.13; 0.06]	6.6%	8.2%
STABILITY (2951)	−0.057	0.03	−0.06 [−0.11; −0.00]	20.3%	17.5%
STANLEY (344)	−0.038	0.08	−0.04 [−0.20; 0.12]	2.4%	3.4%
STANLEY (300)	−0.120	0.08	−0.12 [−0.28; 0.04]	2.3%	3.3%
VIS (901)	−0.044	0.05	−0.04 [−0.15; 0.06]	5.6%	7.1%
Common effect model			**−0.09 [−0.12; −0.07]**	**100.0%**	**––**
Random effects model			**−0.09 [−0.12; −0.06]**	**––**	**100.0%**

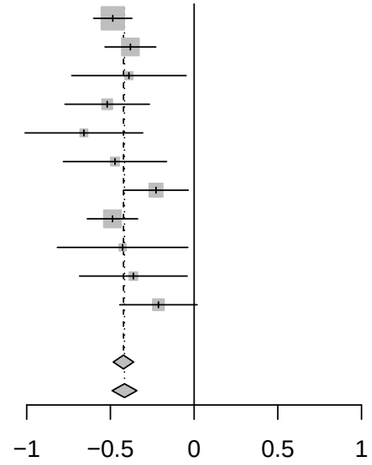


Heterogeneity: I^2 = 9%, τ^2 = 0.0006, p = 0.36

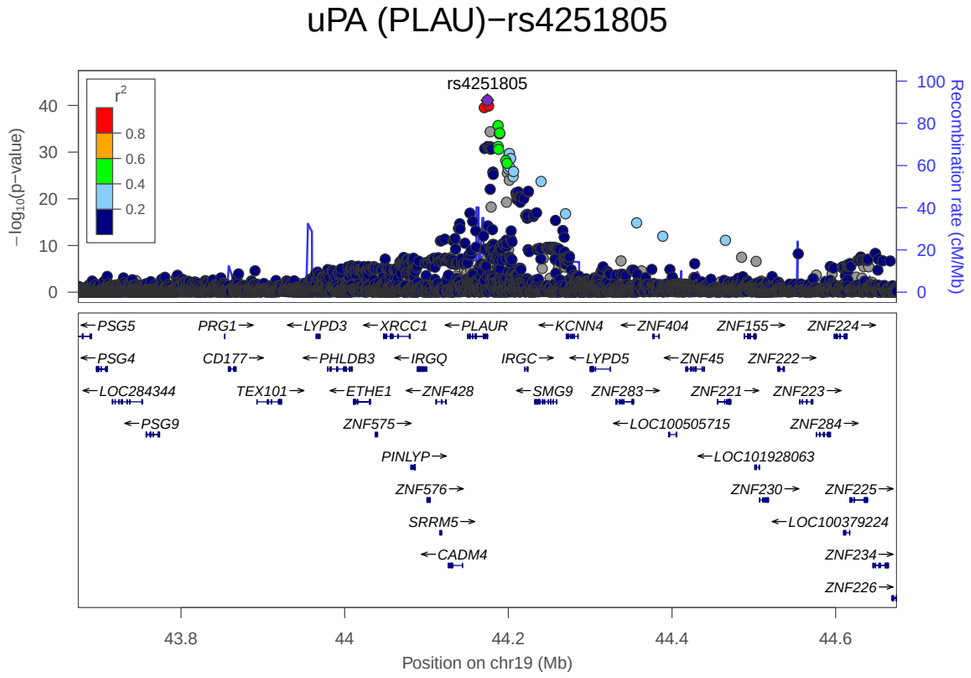


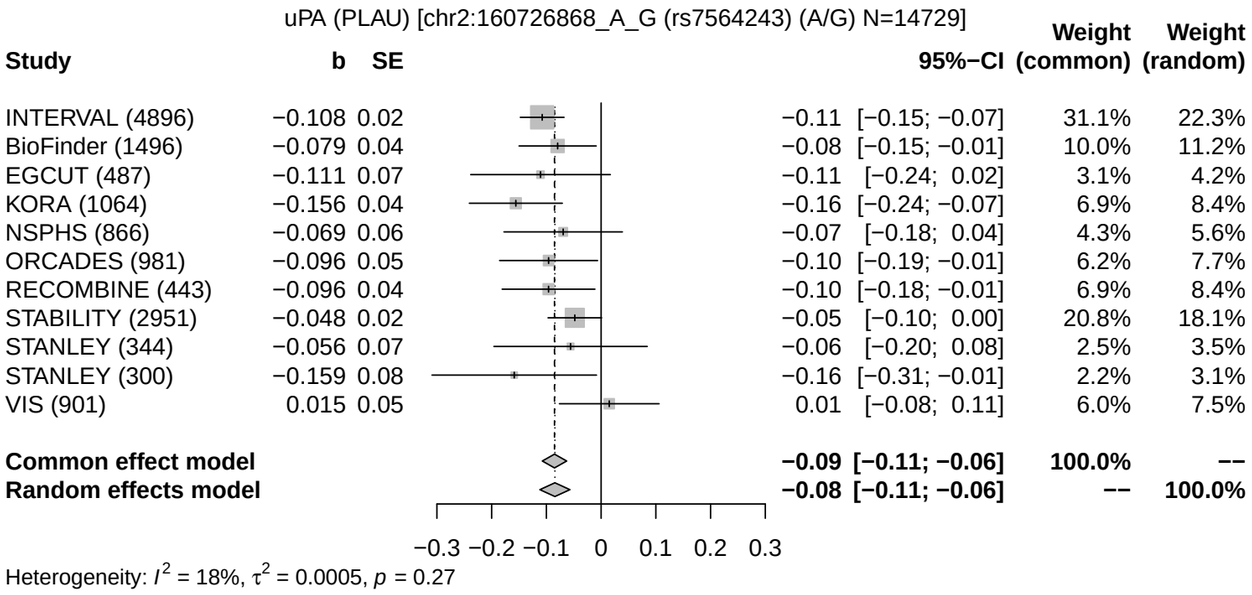
uPA (PLAU) [chr19:44174441_C_T (rs4251805) (T/C) N=14734]

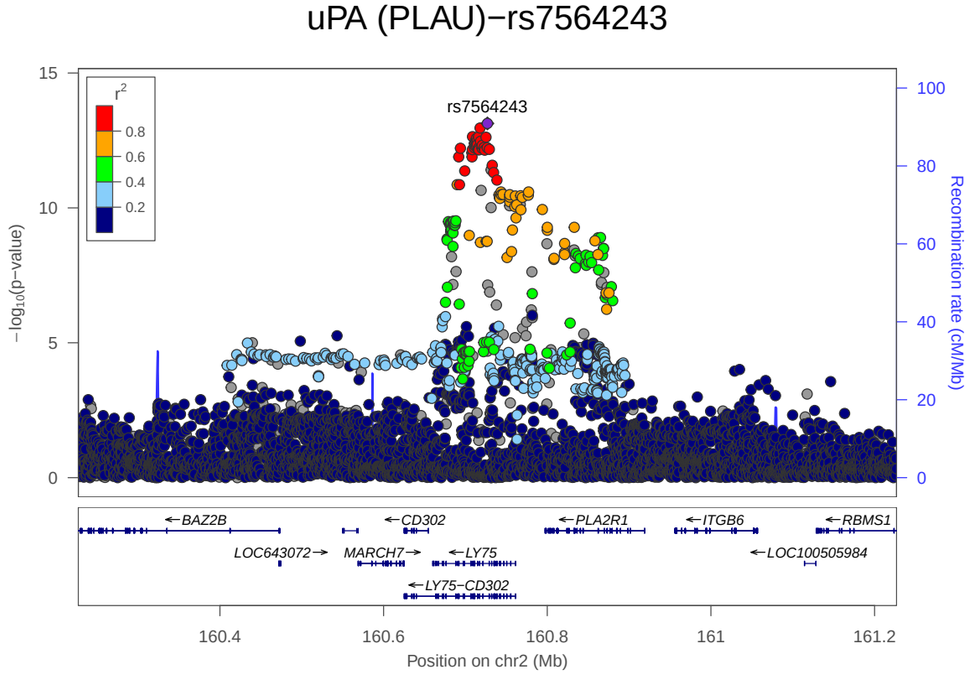
Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.486	0.06	−0.49 [−0.60; −0.37]	28.5%	21.3%
BioFinder (1496)	−0.381	0.08	−0.38 [−0.53; −0.23]	16.1%	15.3%
EGCUT (487)	−0.389	0.17	−0.39 [−0.73; −0.05]	3.2%	4.2%
KORA (1064)	−0.519	0.13	−0.52 [−0.77; −0.27]	5.8%	7.2%
NSPHS (866)	−0.658	0.18	−0.66 [−1.01; −0.31]	3.0%	4.0%
ORCADES (981)	−0.473	0.16	−0.47 [−0.78; −0.16]	3.9%	5.1%
RECOMBINE (448)	−0.228	0.10	−0.23 [−0.42; −0.03]	10.0%	11.0%
STABILITY (2951)	−0.488	0.08	−0.49 [−0.64; −0.34]	16.4%	15.5%
STANLEY (344)	−0.427	0.20	−0.43 [−0.82; −0.04]	2.5%	3.3%
STANLEY (300)	−0.363	0.16	−0.36 [−0.68; −0.04]	3.6%	4.7%
VIS (901)	−0.213	0.12	−0.21 [−0.44; 0.02]	7.0%	8.3%
Common effect model			**−0.42 [−0.48; −0.36]**	**100.0%**	**––**
Random effects model			**−0.42 [−0.49; −0.34]**	**––**	**100.0%**



Heterogeneity: I^2 = 15%, τ^2 = 0.0033, p = 0.30

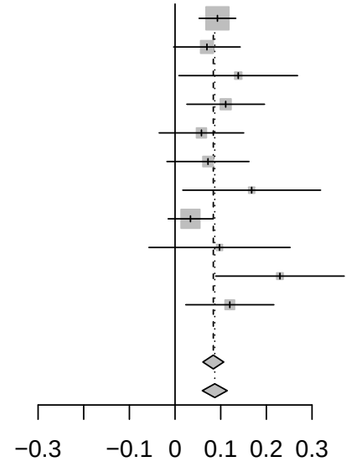



uPA (PLAU) [chr2:160726868_A_G (rs7564243) (A/G) N=14729]
Study
b
SE
95%−CI
Weight (common)
Weight (random)
INTERVAL (4896) −0.108 0.02 −0.11 [−0.15; −0.07] 31.1% 22.3%
BioFinder (1496) −0.079 0.04 −0.08 [−0.15; −0.01] 10.0% 11.2%
EGCUT (487) −0.111 0.07 −0.11 [−0.24; 0.02] 3.1% 4.2%
KORA (1064) −0.156 0.04 −0.16 [−0.24; −0.07] 6.9% 8.4%
NSPHS (866) −0.069 0.06 −0.07 [−0.18; 0.04] 4.3% 5.6%
ORCADES (981) −0.096 0.05 −0.10 [−0.19; −0.01] 6.2% 7.7%
RECOMBINE (443) −0.096 0.04 −0.10 [−0.18; −0.01] 6.9% 8.4%
STABILITY (2951) −0.048 0.02 −0.05 [−0.10; 0.00] 20.8% 18.1%
STANLEY (344) −0.056 0.07 −0.06 [−0.20; 0.08] 2.5% 3.5%
STANLEY (300) −0.159 0.08 −0.16 [−0.31; −0.01] 2.2% 3.1%
VIS (901) 0.015 0.05 0.01 [−0.08; 0.11] 6.0% 7.5%
Common effect model −0.09 [−0.11; −0.06] 100.0% ––
Random effects model −0.08 [−0.11; −0.06] –– 100.0%
−0.3 −0.2 −0.1 0 0.1 0.2 0.3
Heterogeneity: I^2 = 18%, τ^2 = 0.0005, p = 0.27

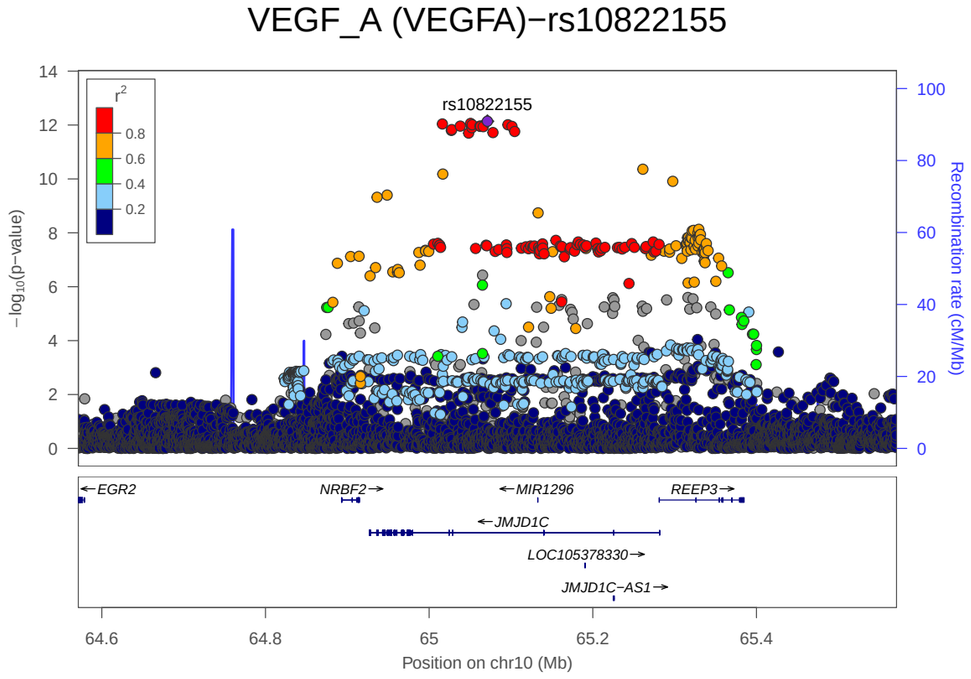

uPA (PLAU)−rs7564243
rs7564243
r²
0.8
0.6
0.4
0.2
−log10(p−value)
Recombination rate (cM/Mb)
BAZ2B
CD302
PLA2R1
ITGB6
RBMS1
LOC643072
MARCH7
LY75
LOC100505984
LY75−CD302
Position on chr2 (Mb)

VEGF_A (VEGFA) [chr10:65071215_A_C (rs10822155) (A/C) N=14744]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.093	0.02	0.09 [0.05; 0.13]	32.5%	24.7%
BioFinder (1496)	0.070	0.04	0.07 [−0.00; 0.14]	9.9%	11.1%
EGCUT (487)	0.138	0.07	0.14 [0.01; 0.27]	3.1%	4.1%
KORA (1064)	0.111	0.04	0.11 [0.03; 0.20]	7.2%	8.6%
NSPHS (874)	0.058	0.05	0.06 [−0.03; 0.15]	6.1%	7.5%
ORCADES (982)	0.072	0.05	0.07 [−0.02; 0.16]	6.5%	7.9%
RECOMBINE (448)	0.168	0.08	0.17 [0.02; 0.32]	2.3%	3.1%
STABILITY (2951)	0.034	0.02	0.03 [−0.02; 0.08]	21.9%	19.7%
STANLEY (344)	0.097	0.08	0.10 [−0.06; 0.25]	2.2%	2.9%
STANLEY (300)	0.230	0.07	0.23 [0.09; 0.37]	2.6%	3.5%
VIS (902)	0.120	0.05	0.12 [0.02; 0.22]	5.6%	7.0%
Common effect model			**0.08 [0.06; 0.11]**	**100.0%**	**––**
Random effects model			**0.09 [0.06; 0.11]**	**––**	**100.0%**

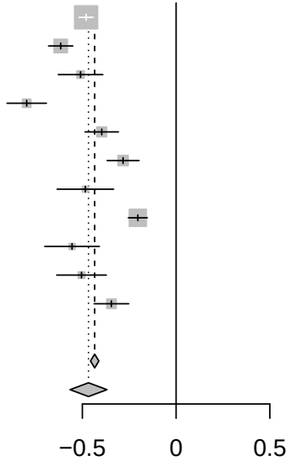


Heterogeneity: I^2 = 14%, τ^2 = 0.0004, p = 0.31

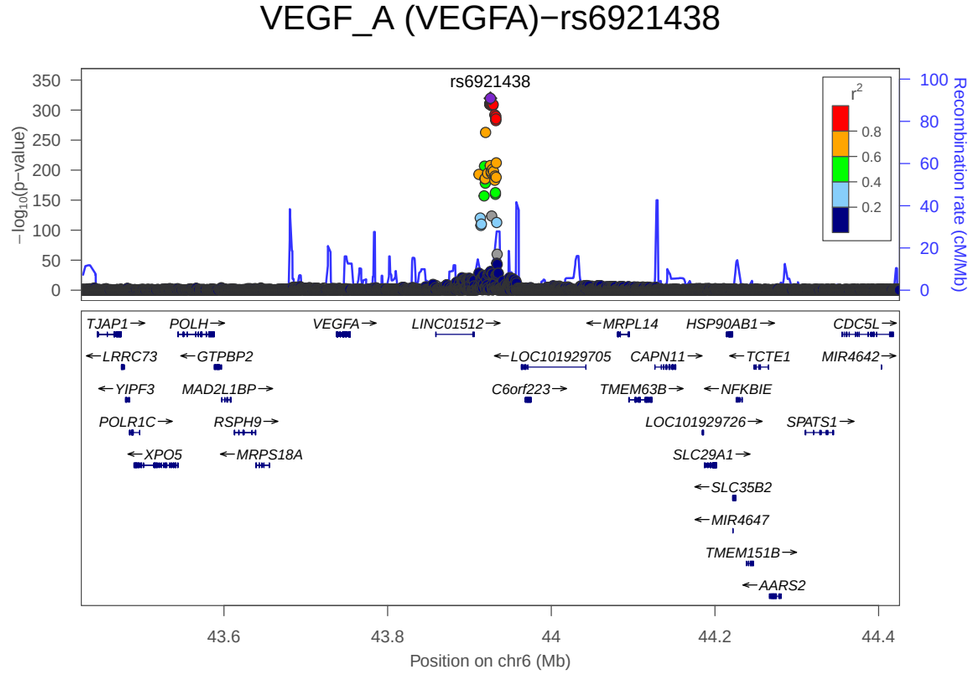


VEGF_A (VEGFA) [chr6:43925607_A_G (rs6921438) (A/G) N=14733]

Study	b	SE		95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	−0.480	0.02		−0.48 [−0.52; −0.44]	34.9%	9.9%
BioFinder (1496)	−0.615	0.03		−0.62 [−0.68; −0.55]	11.8%	9.6%
EGCUT (487)	−0.510	0.06		−0.51 [−0.63; −0.39]	3.5%	8.8%
KORA (1064)	−0.797	0.05		−0.80 [−0.90; −0.69]	4.5%	9.0%
NSPHS (874)	−0.397	0.05		−0.40 [−0.49; −0.31]	6.2%	9.3%
ORCADES (982)	−0.283	0.04		−0.28 [−0.37; −0.20]	6.8%	9.4%
RECOMBINE (437)	−0.484	0.08		−0.48 [−0.63; −0.33]	2.2%	8.1%
STABILITY (2951)	−0.204	0.03		−0.20 [−0.26; −0.15]	19.2%	9.8%
STANLEY (344)	−0.555	0.07		−0.55 [−0.70; −0.41]	2.3%	8.2%
STANLEY (300)	−0.504	0.07		−0.50 [−0.64; −0.37]	2.8%	8.5%
VIS (902)	−0.345	0.05		−0.34 [−0.44; −0.25]	5.8%	9.2%
Common effect model				**−0.43 [−0.46; −0.41]**	**100.0%**	**––**
Random effects model				**−0.47 [−0.57; −0.37]**	**––**	**100.0%**

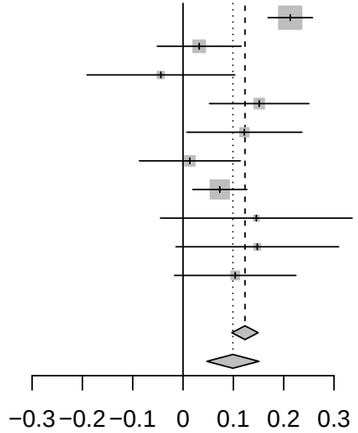


Heterogeneity: I^2 = 95%, τ^2 = 0.0252, p < 0.01

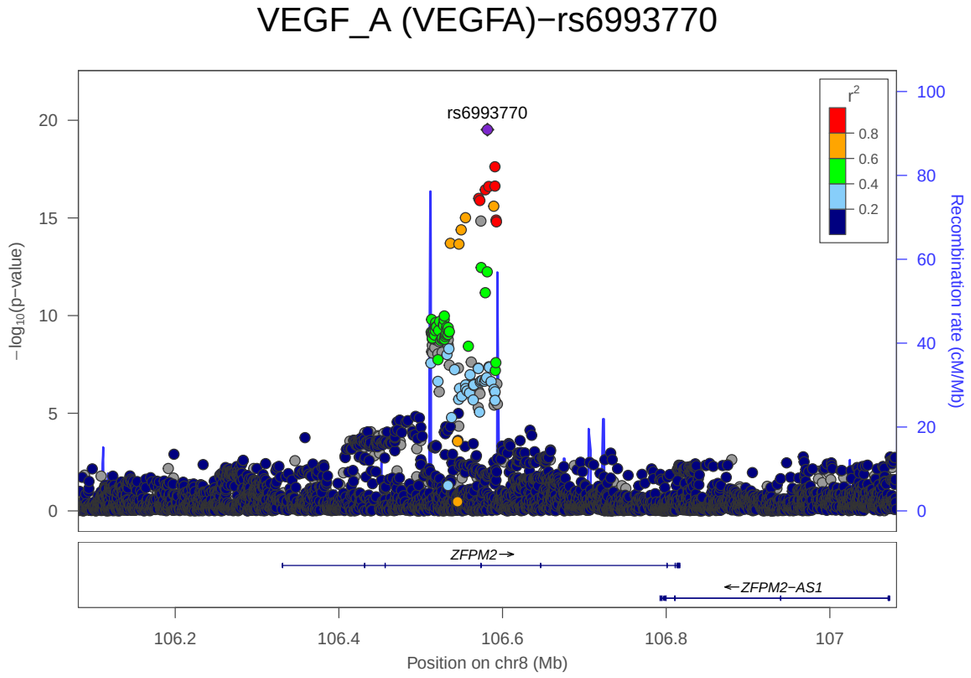


VEGF_A (VEGFA) [chr8:106581528_A_T (rs6993770) (A/T) N=14296]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.213	0.02	0.21 [0.17; 0.26]	35.1%	15.3%
BioFinder (1496)	0.032	0.04	0.03 [−0.05; 0.12]	9.9%	11.9%
EGCUT (487)	−0.044	0.07	−0.04 [−0.19; 0.10]	3.2%	7.2%
KORA (1064)	0.151	0.05	0.15 [0.05; 0.25]	7.0%	10.6%
NSPHS (874)	0.122	0.06	0.12 [0.01; 0.24]	5.2%	9.4%
ORCADES (982)	0.014	0.05	0.01 [−0.09; 0.11]	6.8%	10.5%
STABILITY (2951)	0.073	0.03	0.07 [0.02; 0.13]	23.6%	14.5%
STANLEY (344)	0.146	0.10	0.15 [−0.04; 0.34]	1.9%	5.2%
STANLEY (300)	0.148	0.08	0.15 [−0.01; 0.31]	2.6%	6.4%
VIS (902)	0.104	0.06	0.10 [−0.02; 0.22]	4.7%	8.9%
Common effect model			**0.12 [0.10; 0.15]**	**100.0%**	**––**
Random effects model			**0.10 [0.05; 0.15]**	**––**	**100.0%**

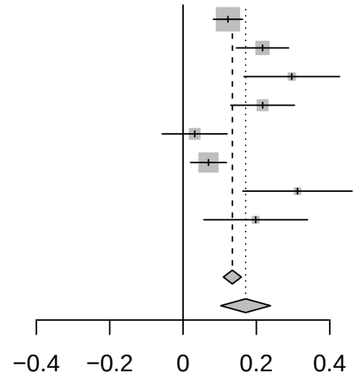


Heterogeneity: I^2 = 73%, τ^2 = 0.0040, p < 0.01



VEGF_A (VEGFA) [chr9:2687795_A_T (rs6475938) (A/T) N=12412]

Study	b	SE	95%−CI	Weight (common)	Weight (random)
INTERVAL (4896)	0.122	0.02	0.12 [0.08; 0.16]	37.9%	15.7%
BioFinder (1496)	0.217	0.04	0.22 [0.15; 0.29]	11.9%	14.0%
EGCUT (487)	0.296	0.07	0.30 [0.17; 0.43]	3.5%	10.3%
KORA (1064)	0.217	0.04	0.22 [0.13; 0.30]	8.0%	13.0%
NSPHS (874)	0.032	0.05	0.03 [−0.06; 0.12]	7.7%	12.9%
STABILITY (2951)	0.069	0.02	0.07 [0.02; 0.12]	25.3%	15.3%
STANLEY (344)	0.312	0.08	0.31 [0.16; 0.46]	2.7%	9.2%
STANLEY (300)	0.198	0.07	0.20 [0.06; 0.34]	3.0%	9.6%
Common effect model			**0.13 [0.11; 0.16]**	**100.0%**	**––**
Random effects model			**0.17 [0.10; 0.24]**	**––**	**100.0%**



Heterogeneity: I^2 = 79%, τ^2 = 0.0072, p < 0.01