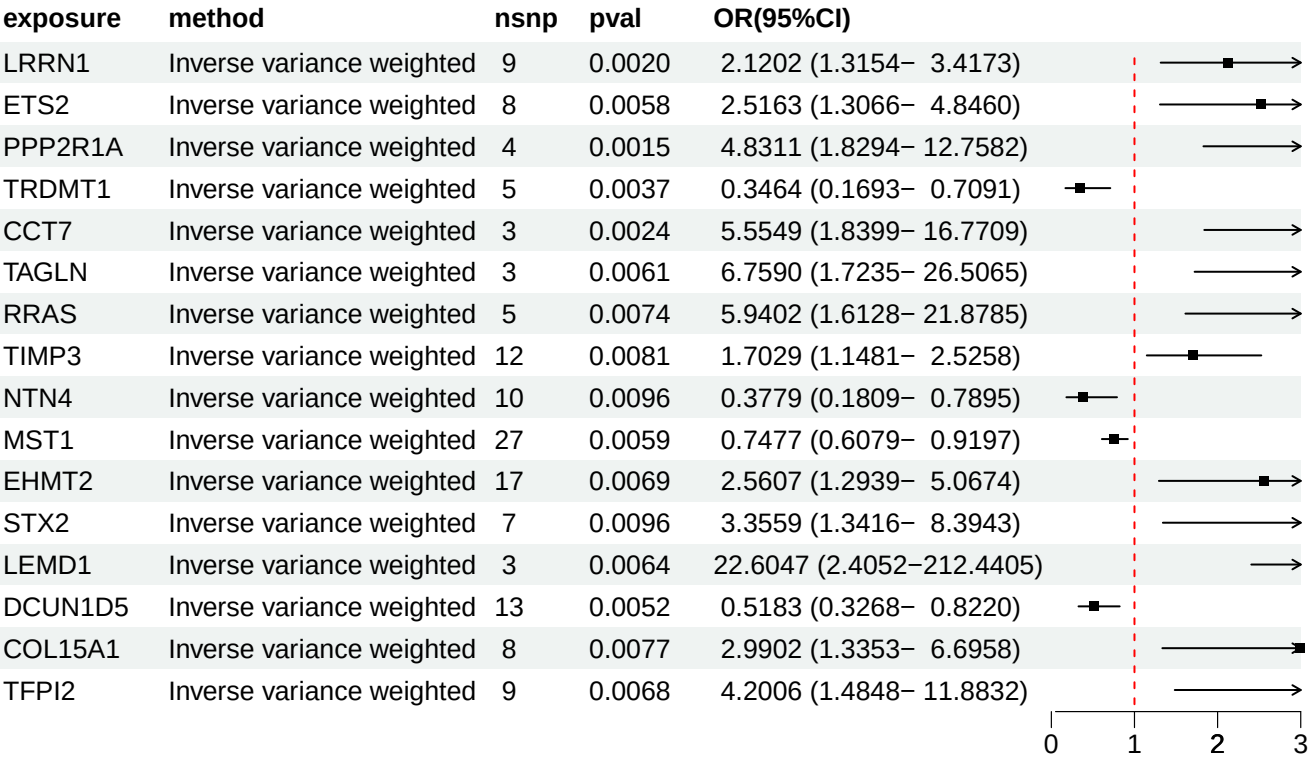




exposure	method	nsnp	pval	OR(95%CI)	
PLA2R1	Inverse variance weighted	24	0.0077	0.6504 (0.4739– 0.8926)	■—
FAM162B	Inverse variance weighted	3	0.0061	12.1440 (2.0396– 72.3077)	————→
TMPRSS6	Inverse variance weighted	17	0.0083	1.5617 (1.1218– 2.1741)	——■——
PACSIN1	Inverse variance weighted	9	<0.001	0.3385 (0.1863– 0.6154)	■—
RFESD	Inverse variance weighted	4	0.0074	0.2666 (0.1013– 0.7019)	■——
TLN2	Inverse variance weighted	3	0.0056	11.4529 (2.0437– 64.1827)	————→
NET1	Inverse variance weighted	4	0.0037	0.0684 (0.0112– 0.4186)	←—■
TCL1A	Inverse variance weighted	11	<0.001	3.0569 (1.5943– 5.8613)	————→
CNRIP1	Inverse variance weighted	12	0.0069	0.6279 (0.4478– 0.8803)	——■—
GFRA3	Inverse variance weighted	3	0.0043	6.5997 (1.8051– 24.1294)	————→
CXCL8	Inverse variance weighted	5	0.0090	7.0590 (1.6297– 30.5759)	————→
LRRTM3	Inverse variance weighted	5	0.0023	6.0311 (1.8975– 19.1693)	————→
CD226	Inverse variance weighted	3	0.0099	3.4490 (1.3462– 8.8365)	————→
FABP3	Inverse variance weighted	5	0.0078	3.9307 (1.4333– 10.7796)	————→
EGF	Inverse variance weighted	6	0.0034	0.1794 (0.0569– 0.5657)	■——
HPSE	Inverse variance weighted	5	0.0065	0.2730 (0.1071– 0.6959)	■——
SBSN	Inverse variance weighted	3	0.0024	32.8814 (3.4349–314.7662)	————→
C1QTNF1	Inverse variance weighted	14	0.0037	0.5223 (0.3369– 0.8096)	——■—
TFRC	Inverse variance weighted	9	0.0093	3.3227 (1.3438– 8.2158)	————→
CYTL1	Inverse variance weighted	4	0.0038	1.9462 (1.2397– 3.0554)	——■——



exposure	method	nsnp	pval	OR(95%CI)	
RBBP9	Inverse variance weighted	5	<0.001	0.2921 (0.1423–0.5995)	■—
STAR	Inverse variance weighted	4	0.0060	0.3328 (0.1519–0.7294)	■—
STAT3	Inverse variance weighted	7	0.0073	0.4684 (0.2692–0.8150)	■—
APMAP	Inverse variance weighted	4	0.0086	0.3500 (0.1600–0.7657)	■—
CREB3L4	Inverse variance weighted	14	0.0094	0.6439 (0.4620–0.8976)	■—
SCAMP5	Inverse variance weighted	3	0.0042	0.0831 (0.0151–0.4555)	■—
IL12B	Inverse variance weighted	18	0.0037	0.7459 (0.6120–0.9090)	■—
DOCK9	Inverse variance weighted	3	0.0026	0.2378 (0.0935–0.6046)	■—
FABP4	Inverse variance weighted	3	0.0078	0.3243 (0.1415–0.7436)	■—
LEFTY2	Inverse variance weighted	11	0.0056	0.6215 (0.4439–0.8701)	■—
DEFA5	Inverse variance weighted	24	0.0017	0.7030 (0.5639–0.8764)	■—
WDR5	Inverse variance weighted	3	0.0017	0.0312 (0.0036–0.2711)	←■
THG1L	Inverse variance weighted	5	0.0049	0.3763 (0.1905–0.7431)	■—
PGP	Inverse variance weighted	8	<0.001	0.5444 (0.3793–0.7812)	■—
IDH1	Inverse variance weighted	4	0.0039	0.4380 (0.2498–0.7678)	■—
ALB	Inverse variance weighted	12	<0.001	0.6162 (0.4702–0.8075)	■—
RET	Inverse variance weighted	7	0.0072	1.6652 (1.1481–2.4150)	—■—
THBS2	Inverse variance weighted	11	0.0047	1.4244 (1.1148–1.8199)	—■—
DYNLL1	Inverse variance weighted	3	<0.001	0.0919 (0.0255–0.3314)	■—
GPI	Inverse variance weighted	4	0.0050	0.2322 (0.0837–0.6440)	■—
CLEC1B	Inverse variance weighted	6	0.0084	1.9630 (1.1884–3.2424)	—■→
DPT	Inverse variance weighted	8	0.0091	1.4314 (1.0933–1.8740)	—■—
CPNE1	Inverse variance weighted	15	0.0035	1.3019 (1.0908–1.5538)	■—
CD79B	Inverse variance weighted	3	0.0067	0.3036 (0.1282–0.7188)	■—
DEFB135	Inverse variance weighted	5	0.0011	0.3688 (0.2022–0.6726)	■—
NTN1	Inverse variance weighted	9	<0.001	1.5315 (1.1919–1.9678)	—■—
NOG	Inverse variance weighted	18	0.0031	0.7028 (0.5562–0.8880)	■—
GALNT16	Inverse variance weighted	4	0.0057	0.5054 (0.3116–0.8197)	■—
RAB27A	Inverse variance weighted	3	0.0069	0.3015 (0.1264–0.7193)	■—
TMEM38B	Inverse variance weighted	3	0.0037	0.6267 (0.4569–0.8595)	■—



exposure	method	nsnp	pval	OR(95%CI)	
RAF1	Inverse variance weighted	4	0.0015	53.7844 (4.6113– 627.3204)	
STAT3	Inverse variance weighted	7	0.0021	7.3932 (2.0630– 26.4953)	→
CSF2RB	Inverse variance weighted	8	0.0068	0.4262 (0.2298– 0.7903)	■→
CRABP2	Inverse variance weighted	5	0.0065	0.3422 (0.1581– 0.7408)	■→
UBQLN4	Inverse variance weighted	4	0.0088	30.6869 (2.3658– 398.0414)	→
RBM3	Inverse variance weighted	5	0.0053	7.1780 (1.7959– 28.6893)	→
SHANK3	Inverse variance weighted	12	0.0028	2.5767 (1.3857– 4.7913)	→■
CNOT1	Inverse variance weighted	3	0.0071	63.6862 (3.0873–1313.7336)	
HS6ST2	Inverse variance weighted	8	0.0061	0.1166 (0.0251– 0.5412)	■→
ARHGEF1	Inverse variance weighted	3	0.0054	75.4061 (3.5789–1588.7972)	
UNC5B	Inverse variance weighted	10	<0.001	0.1652 (0.0672– 0.4060)	■→
NID2	Inverse variance weighted	8	0.0041	0.4785 (0.2892– 0.7916)	■→
UNC5D	Inverse variance weighted	4	0.0042	0.1047 (0.0223– 0.4908)	■→
NRXN3	Inverse variance weighted	10	0.0045	0.2244 (0.0801– 0.6286)	■→
CADM2	Inverse variance weighted	5	0.0012	0.0398 (0.0057– 0.2792)	←
RNASET2	Inverse variance weighted	8	0.0096	2.1369 (1.2027– 3.7966)	→■
RAB11A	Inverse variance weighted	4	0.0011	89.4098 (5.9792–1336.9961)	
EEF1D	Inverse variance weighted	5	0.0048	11.6469 (2.1152– 64.1319)	→
CPOX	Inverse variance weighted	18	0.0090	0.3938 (0.1958– 0.7921)	■→
MYL3	Inverse variance weighted	8	<0.001	0.1259 (0.0396– 0.3998)	←■
UBQLN2	Inverse variance weighted	3	0.0076	37.8579 (2.6256– 545.8595)	→
TIAL1	Inverse variance weighted	4	0.0097	22.6128 (2.1285– 240.2338)	→
JAM3	Inverse variance weighted	3	0.0070	59.4213 (3.0514–1157.1251)	
CD48	Inverse variance weighted	13	0.0072	0.3871 (0.1938– 0.7735)	■→
UFC1	Inverse variance weighted	3	0.0089	34.7512 (2.4313– 496.7122)	→
RPS6KA3	Inverse variance weighted	3	0.0045	45.2191 (3.2574– 627.7290)	
NACA	Inverse variance weighted	4	0.0058	32.4840 (2.7410– 384.9765)	→
KPNB1	Inverse variance weighted	4	0.0035	55.7062 (3.7346– 830.9257)	
EPS15L1	Inverse variance weighted	4	0.0083	30.7176 (2.4169– 390.4072)	→
DHH	Inverse variance weighted	3	0.0068	63.4303 (3.1406–1281.0727)	
FGF7	Inverse variance weighted	3	0.0066	66.3142 (3.2084–1370.6437)	
EPHB6	Inverse variance weighted	8	<0.001	0.1744 (0.0734– 0.4144)	■→
NMT1	Inverse variance weighted	3	0.0094	26.1056 (2.2281– 305.8710)	→
MINPP1	Inverse variance weighted	12	0.0041	0.4073 (0.2206– 0.7522)	■→
PDIA5	Inverse variance weighted	11	0.0096	1.6427 (1.1281– 2.3919)	→■
ST3GAL6	Inverse variance weighted	26	0.0097	0.5754 (0.3786– 0.8746)	■→
ATP1B2	Inverse variance weighted	10	0.0025	0.3603 (0.1862– 0.6975)	■→
IGFLR1	Inverse variance weighted	7	0.0080	2.7182 (1.2981– 5.6920)	→■
FMR1	Inverse variance weighted	5	<0.001	56.0087 (6.4892– 483.4162)	
PRSS57	Inverse variance weighted	19	0.0080	0.5092 (0.3093– 0.8385)	■→
NUDC	Inverse variance weighted	4	0.0061	19.1268 (2.3176– 157.8477)	→
ISOC1	Inverse variance weighted	8	<0.001	4.8706 (2.0492– 11.5770)	→
RRBP1	Inverse variance weighted	4	0.0031	21.5619 (2.8197– 164.8836)	→

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