

Table S9 Descriptive information concerning the 42 “250 kB” cis-eQTL clusters

Chr	Start	end	Length	Number of cis-eQTLs	Symbols of cis-eQTL genes
1	172981698	173434853	453155	11	FCGR3,1700009P17RIK,SDHCAPOA2,FCER1G,B4GALT3,PPOX,UFC1,KLHDC9,F11R,REFBP2
1	173934520	174206100	271580	5	VANGL2,NCSTN,COPA,PEX19,ATP1A2
1	182837968	183096385	258417	4	PYCR2,LEFTY1,TMEM63A,CNIH4
2	25207840	25354300	146460	4	DPP7,UAP1L1,ENTPD2,C8G
2	103921214	103964818	43604	3	CD59B,CD59A,A930018P22RIK
2	152590596	153048274	457678	6	COX4I2,FKHL18,PDRG1,BC020535,TM9SF4,TSPYL3
3	35794225	35988326	194101	3	LOC100046841,MCCC1,ACAD9
3	87719934	87861011	141077	3	HDGF,NES,APOA1BP,
4	41585069	41791875	206806	3	DNAIC1,CCL27,CCL19,
4	62160379	62363247	202868	3	HDHD3,ALAD,RGS3,
4	129193683	129525601	331918	4	LOC100046039,X2510006D16RIK,CCDC28B,PTP4A2
4	132086525	132456695	370170	4	ATPIF1,EYA3,XKR8,BC008163
4	132754041	133147532	393491	7	WASF2,MAP3K6SLC9A1,4732473B16RIK,2300002D11RIK,NUDCGPN2,
4	133912418	134093953	181535	4	EXTL1,STMN1,2410166I05RIK,SEPN1
4	155207073	155364772	157699	6	AURKAIP1,DVL1,ACAP3,LOC545056,FAM132A,B3GALT6,
5	147765528	147890516	124988	3	GTF3A,MTIF3,POLR1D
6	126875000	127079686	204686	3	RAD51AP1,X963003F20RIK,CCND2
6	145123111	145168681	45570	4	LRMP,CASC1,LYRM5,KRAS
7	19441998	19831693	389695	4	MILL2,IRF2BP1,DMWD,D630048P19RIK
7	30975506	31426230	450724	5	CAPNS1,TBCB,TYROBP,HSPB6,RBM42
7	87461806	87505819	44013	4	RCCD1,LOC675567,UNC45A,MAN2A2
8	32207411	32371718	164307	3	DUSP26,RBM13,FUT10
8	87194527	87621384	426857	11	NACC1,TRMT1,NFIX,FARSA,GCDH,PRDX2,HOKK2,ASNA1,DHPS,1500041N16RIK,MAN2B1
8	124990160	125154233	164073	3	RNF166,TRAPPC2L,CBFA2T3H
9	34933919	35024383	90464	3	DCPS,FOXRED1,SRPR
9	44199978	44212071	12093	3	HYOU1,SLC37A4,TRAPPC4
9	44806893	44962140	155247	3	CD3E,AMICA1,SCN4B
9	106097518	106372827	275309	7	PPM1M,TWF2,DUSP7,RPL29,ACY1,ABHD14A,PARP3
11	58804677	59235079	430402	4	TRIM11,GJC2,MRPL55,1110031B06RIK
11	59589470	59689992	100522	3	MPRIIP,COPS3,NT5M
11	82619501	82756537	137036	3	RFFL,LOC100044934,UNC45B
11	94830377	95136060	305683	5	SGCA,SAMD14,PK2,ITGA3,MYST2
11	96799199	96910230	111031	3	PNPO,SCRN2,MRPL10
11	114844007	115044431	200424	3	4732429D16RIK,SLC9A3R1,LOC100044159
13	64234749	64540754	306005	6	ZFP367,HABP4,CDC14B,1110018J18RIK,CTSL,CCRK
13	113657734	114008245	350511	5	PPAP2A,SKIV2L2,GPX8,2310016C16RIK,ESM1
15	76545807	76682760	136953	3	LRRC24,C030006K11RIK,ZFP251
15	85727285	85967913	240628	3	TRMU,CELSR1,GRAMD4
16	20651876	20742404	90528	3	PSMD2,EIF4G1,CHRD
17	24645834	25029013	383179	5	TRAF7,GFER,NDUFB10,FAHD1,SPSB3
17	34056177	34163052	106875	3	ZBTB22,WDR46,H2.KE6
18	37847239	37909257	62018	3	PCDHGA4,PCDHGB2,PCDHGA10