

Sup. Table 9: Correlation between paternal stress during preschool and decreased DNA methylation in girls only (all CpG sites with FDR<20%). Sites with greater than 5% differential methylation are highlighted in grey.

Gene	CpG Site	Slope	Range	Differential Methylation	Spearman ρ	FDR
MGC33302	cg03482087	-0.076	0.101	-0.054	-0.610	0.000
LYCAT	cg10995359	-0.149	0.340	-0.106	-0.576	0.000
CHERP	cg05197908	-0.032	0.043	-0.023	-0.571	0.000
FLJ10986	cg19213569	-0.036	0.055	-0.026	-0.568	0.000
STRA13	cg16375728	-0.027	0.069	-0.019	-0.565	0.000
MKRN1	cg06784339	-0.079	0.144	-0.056	-0.543	0.000
LEPRE1	cg27657283	-0.042	0.046	-0.029	-0.524	0.000
MRPL12	cg22663117	-0.054	0.072	-0.038	-0.516	0.000
SERPIND1	cg02523400	-0.047	0.063	-0.033	-0.513	0.000
NAT5	cg08801329	-0.018	0.035	-0.013	-0.501	5.743
GRB10	cg12903171	-0.154	0.270	-0.109	-0.499	5.743
SFRS6	cg26718122	-0.106	0.184	-0.075	-0.498	5.743
RPE	cg19203504	-0.053	0.101	-0.038	-0.498	5.743
TRSPAP1	cg13857440	-0.072	0.110	-0.051	-0.497	5.743
MYNN	cg18676803	0.001	0.725	0.000	-0.497	5.743
PSMB6	cg19921492	-0.101	0.139	-0.072	-0.493	5.743
CAPZA1	cg07003563	-0.075	0.099	-0.053	-0.491	5.743
XRN1	cg25264554	-0.042	0.081	-0.030	-0.489	5.743
ABTB1	cg18353563	-0.060	0.152	-0.042	-0.489	5.743
ZNF688	cg10665018	-0.069	0.118	-0.049	-0.489	5.743
LAMC1	cg10847798	-0.045	0.069	-0.032	-0.487	5.743
GPX1	cg06613840	-0.091	0.240	-0.064	-0.486	5.743
SUV420H2	cg14112945	-0.079	0.115	-0.056	-0.485	5.743
OBFC2B	cg25245322	-0.025	0.072	-0.018	-0.484	5.743
RARB	cg26124016	-0.033	0.057	-0.023	-0.480	5.743
FGF11	cg13492227	-0.077	0.133	-0.054	-0.480	5.743
BCDIN3	cg11979382	-0.018	0.041	-0.013	-0.479	5.743
TNFSF9	cg01186777	-0.017	0.031	-0.012	-0.477	5.743
PSMB6	cg24221059	-0.040	0.065	-0.029	-0.476	5.743
DDX5	cg07387199	-0.027	0.064	-0.019	-0.473	5.743
KIAA1822	cg02867079	-0.023	0.042	-0.016	-0.471	5.743
TGFB2	cg11976166	-0.122	0.254	-0.086	-0.470	5.743
ORC2L	cg16873684	-0.043	0.083	-0.031	-0.469	5.743
PYY2	cg19539519	-0.035	0.059	-0.025	-0.469	5.743
RPP25	cg16914151	-0.051	0.102	-0.036	-0.469	5.743
MB	cg07009002	-0.071	0.133	-0.050	-0.468	5.743
COPS2	cg22873892	-0.068	0.129	-0.049	-0.467	5.743
CD4	cg16470760	-0.074	0.133	-0.053	-0.466	5.743
ZNF212	cg17327630	-0.035	0.065	-0.025	-0.465	5.743
NEIL2	cg14329976	-0.028	0.052	-0.020	-0.462	5.743
FAH	cg05038121	-0.096	0.164	-0.068	-0.461	5.743
DUSP4	cg25751295	-0.036	0.065	-0.025	-0.459	5.743
PDE4B	cg26832142	-0.036	0.105	-0.025	-0.459	5.743
CCAR1	cg14623805	-0.016	0.024	-0.012	-0.456	5.743
YIPF1	cg23061257	-0.140	0.214	-0.099	-0.456	5.743
FAM44B	cg12598575	-0.013	0.058	-0.009	-0.456	5.743
SCN2B	cg26502489	-0.068	0.114	-0.048	-0.456	5.743
TGFB2	cg16658719	-0.032	0.053	-0.023	-0.456	5.743
ANP32E	cg13841804	-0.035	0.067	-0.025	-0.455	5.743

FAM70B	cg15350194	-0.029	0.056	-0.021	-0.453	5.743
CCNT1	cg01082679	-0.017	0.033	-0.012	-0.452	5.743
SUFU	cg15109571	-0.045	0.084	-0.032	-0.452	5.743
CCDC51	cg25858682	-0.018	0.041	-0.013	-0.450	5.743
TRA2A	cg19747852	-0.037	0.054	-0.027	-0.450	5.743
GLT25D1	cg22517351	-0.046	0.090	-0.033	-0.448	5.743
ASNA1	cg02914419	-0.038	0.065	-0.027	-0.447	5.743
ATRN	cg17294081	-0.024	0.047	-0.017	-0.447	5.743
DYNC1LI2	cg21610192	-0.021	0.041	-0.015	-0.447	5.743
SLC22A18	cg24139421	-0.010	0.025	-0.007	-0.446	5.743
HMGNI	cg13791713	-0.066	0.120	-0.047	-0.446	5.743
ZNF688	cg01343729	-0.028	0.042	-0.020	-0.446	5.743
GRP	cg23357981	-0.055	0.090	-0.039	-0.445	5.743
H2AFV	cg24319545	-0.028	0.065	-0.020	-0.445	5.743
C12orf61	cg14108394	-0.027	0.042	-0.019	-0.445	5.743
LRRC23	cg15411984	-0.022	0.039	-0.015	-0.443	5.743
SGCB	cg23653712	-0.030	0.049	-0.021	-0.442	5.743
ANXA5	cg03354519	-0.024	0.038	-0.017	-0.442	7.370
ZIM2	cg02162069	-0.114	0.347	-0.081	-0.441	7.370
FOXD3	cg15462232	-0.045	0.077	-0.032	-0.441	7.370
PTK7	cg21663580	-0.015	0.028	-0.011	-0.440	7.370
RAB39	cg05090725	-0.008	0.031	-0.006	-0.440	7.370
WDR37	cg17947053	-0.055	0.099	-0.039	-0.440	7.370
C9orf82	cg25106814	-0.027	0.058	-0.019	-0.438	7.370
SERBP1	cg18259391	-0.058	0.090	-0.041	-0.438	7.370
SLC13A5	cg22040627	-0.020	0.048	-0.014	-0.438	7.370
CCNT1	cg22103585	-0.011	0.026	-0.007	-0.437	7.370
HIGD1A	cg11080718	-0.040	0.074	-0.029	-0.437	7.370
PEBP1	cg14349467	-0.045	0.121	-0.032	-0.435	7.370
IL21R	cg19423311	-0.119	0.331	-0.085	-0.435	7.370
SEPT11	cg00899086	-0.021	0.047	-0.015	-0.434	7.370
RPUSD4	cg20278498	-0.067	0.111	-0.047	-0.434	7.370
ERGIC1	cg15947959	-0.026	0.046	-0.018	-0.434	7.370
LNPEP	cg09593402	-0.044	0.095	-0.031	-0.434	7.370
TMEM42	cg26889990	-0.041	0.079	-0.029	-0.433	7.370
KA21	cg23776012	-0.117	0.194	-0.083	-0.433	7.370
PPP1CA	cg11867686	-0.054	0.097	-0.038	-0.433	7.370
HTLF	cg00539716	-0.031	0.060	-0.022	-0.430	7.370
POU2F1	cg19001490	-0.042	0.064	-0.030	-0.430	7.370
CDC7	cg18127191	-0.025	0.042	-0.018	-0.430	7.370
PRR3	cg21264055	-0.031	0.056	-0.022	-0.430	7.370
FBXO28	cg01610240	-0.036	0.063	-0.026	-0.429	7.370
SFRS1	cg24269276	-0.024	0.079	-0.017	-0.429	7.370
TNFRSF12A	cg16657615	-0.027	0.039	-0.019	-0.429	7.370
MGC32020	cg21912241	-0.089	0.139	-0.063	-0.429	7.370
SEPW1	cg14058998	-0.011	0.016	-0.008	-0.429	7.370
GALNT2	cg13769204	-0.016	0.032	-0.011	-0.428	7.370
ZNF286	cg09429185	-0.026	0.040	-0.018	-0.427	7.370
SFRS2	cg26815021	-0.076	0.137	-0.054	-0.427	7.370
SMG6	cg12946690	-0.108	0.178	-0.076	-0.427	7.370
ISOC2	cg09846458	-0.029	0.055	-0.020	-0.427	7.370
SMOX	cg26232005	-0.037	0.068	-0.026	-0.425	7.370
HPR	cg20672044	-0.042	0.079	-0.030	-0.424	7.370
CSTF3	cg19236745	-0.037	0.089	-0.026	-0.423	7.370
SYNJ2BP	cg08816248	-0.032	0.069	-0.022	-0.422	7.370
IGF2AS	cg12322132	-0.016	0.032	-0.011	-0.422	7.370

DCUN1D3	cg09371142	-0.057	0.118	-0.040	-0.421	7.370
ZNF514	cg23721140	-0.014	0.025	-0.010	-0.420	7.370
WDR6	cg13415434	-0.026	0.074	-0.019	-0.420	7.370
EEF2	cg18064655	-0.023	0.035	-0.016	-0.420	7.370
FAU	cg11419863	-0.017	0.027	-0.012	-0.420	7.370
SCG2	cg01668465	-0.028	0.084	-0.020	-0.420	7.370
TRPM4	cg26623224	-0.034	0.071	-0.024	-0.419	7.370
SLC13A3	cg18468842	-0.094	0.176	-0.066	-0.418	7.370
CREBL1	cg03298413	-0.040	0.082	-0.028	-0.418	7.370
ZNF42	cg10075436	-0.021	0.038	-0.015	-0.418	7.370
SETDB1	cg12082615	-0.016	0.027	-0.011	-0.418	7.370
PRKAG2	cg05953394	-0.024	0.057	-0.017	-0.418	7.370
FLNB	cg13577407	-0.056	0.108	-0.040	-0.417	7.370
RNF167	cg14360897	-0.035	0.065	-0.025	-0.416	7.370
NNAT	cg23566503	-0.133	0.267	-0.094	-0.415	7.370
TCEB1	cg05751979	-0.025	0.049	-0.018	-0.414	7.370
MGC33302	cg03883519	-0.091	0.295	-0.064	-0.413	7.370
FETUB	cg04458548	-0.045	0.143	-0.032	-0.413	7.370
RASA4	cg10274908	-0.016	0.067	-0.012	-0.413	7.370
GNB2L1	cg08424427	-0.047	0.091	-0.033	-0.412	7.370
BHLHB3	cg19243777	-0.014	0.026	-0.010	-0.412	7.370
GAD2	cg04599297	-0.059	0.100	-0.042	-0.412	7.370
C22orf9	cg11221513	-0.017	0.031	-0.012	-0.411	7.370
DNAJB9	cg20807701	-0.033	0.058	-0.023	-0.411	7.370
TLE3	cg08342270	-0.065	0.112	-0.046	-0.411	7.370
ZDHC6	cg09688763	-0.020	0.039	-0.014	-0.411	7.370
PYCRL	cg15555727	-0.025	0.049	-0.018	-0.410	7.370
ANP32E	cg02937060	-0.053	0.104	-0.037	-0.410	7.370
COMMD1	cg03532114	-0.021	0.029	-0.015	-0.409	7.370
CLN6	cg14610746	-0.062	0.118	-0.044	-0.409	7.370
IGFBP4	cg00512374	-0.017	0.037	-0.012	-0.408	7.370
TBC1D13	cg18773223	0.004	0.889	0.003	-0.407	7.370
ADM	cg12320306	-0.020	0.048	-0.014	-0.407	7.370
FLJ12118	cg15270851	-0.027	0.052	-0.019	-0.407	7.370
DVL2	cg25432997	-0.056	0.103	-0.040	-0.407	7.370
CD59	cg20656116	-0.027	0.049	-0.019	-0.407	7.370
C13orf25	cg25308542	-0.039	0.079	-0.028	-0.406	7.370
SSPN	cg24509668	-0.043	0.093	-0.030	-0.406	7.370
ICA1	cg15413566	-0.053	0.115	-0.038	-0.405	7.370
EML2	cg20427879	-0.050	0.080	-0.035	-0.405	7.370
SLC35F5	cg15872103	-0.028	0.059	-0.020	-0.405	7.370
PEG3	cg14849423	-0.094	0.206	-0.067	-0.404	7.370
C20orf133	cg23751724	-0.064	0.148	-0.046	-0.404	7.370
KIAA1434	cg26942392	-0.040	0.105	-0.029	-0.404	9.143
DNAJC18	cg19238398	-0.062	0.119	-0.044	-0.404	9.143
SYT10	cg00902195	-0.025	0.048	-0.018	-0.403	9.143
TNK2	cg21008828	-0.025	0.073	-0.018	-0.403	9.143
ALPL	cg23352747	-0.045	0.076	-0.032	-0.403	9.143
FEM1A	cg16118817	-0.081	0.203	-0.058	-0.403	9.143
DNAJC18	cg18805835	-0.079	0.178	-0.056	-0.402	9.143
PPFIBP1	cg06058319	-0.026	0.041	-0.018	-0.402	9.143
PER1	cg01980637	-0.014	0.032	-0.010	-0.401	9.143
RCOR1	cg08707819	-0.109	0.199	-0.077	-0.401	9.143
B4GALT2	cg15379237	-0.018	0.028	-0.013	-0.401	9.143
HEL308	cg22541143	-0.105	0.248	-0.074	-0.401	9.143
BCDIN3	cg16049587	-0.041	0.084	-0.029	-0.400	9.143

C6orf1	cg06247172	-0.017	0.050	-0.012	-0.400	9.143
BET1	cg20831492	-0.031	0.068	-0.022	-0.400	9.143
MGC72075	cg01758870	-0.055	0.126	-0.039	-0.399	9.143
LMNB1	cg23953133	-0.034	0.078	-0.024	-0.399	9.143
SOX21	cg19063972	-0.005	0.029	-0.003	-0.398	9.143
KRT25A	cg18901980	-0.087	0.255	-0.062	-0.398	9.143
YWHAZ	cg07981588	-0.033	0.067	-0.024	-0.397	9.143
ZNF512	cg18611281	-0.043	0.088	-0.030	-0.397	9.143
GPATC3	cg21680178	-0.055	0.103	-0.039	-0.397	9.143
ST13	cg17660026	-0.096	0.155	-0.068	-0.397	9.143
MLL5	cg10488185	-0.024	0.040	-0.017	-0.396	9.143
QKI	cg09339301	-0.026	0.049	-0.018	-0.396	9.143
CRMP1	cg22680204	-0.033	0.046	-0.024	-0.396	9.143
TEKT1	cg12685753	-0.040	0.088	-0.029	-0.395	9.143
BM88	cg09553358	-0.020	0.037	-0.014	-0.395	9.143
ANKS3	cg03859282	-0.072	0.160	-0.051	-0.395	9.143
PCGF3	cg21660727	-0.034	0.100	-0.024	-0.395	9.143
GJB4	cg15750705	-0.027	0.048	-0.019	-0.395	9.143
RPS6KA4	cg22833292	-0.020	0.049	-0.014	-0.395	9.143
EEF1A1	cg01536980	-0.028	0.063	-0.020	-0.395	9.143
DGKZ	cg18765542	-0.061	0.151	-0.043	-0.395	9.143
FBXW7	cg05287690	-0.052	0.114	-0.037	-0.394	9.143
ARV1	cg02844629	-0.032	0.069	-0.023	-0.394	9.143
KCNIP2	cg04997967	-0.038	0.104	-0.027	-0.393	9.143
DNAI2	cg11856697	-0.051	0.096	-0.036	-0.393	9.143
CDC6	cg19479366	-0.161	0.777	-0.114	-0.393	9.143
CRLF1	cg12970724	-0.063	0.123	-0.045	-0.393	9.143
LOC51315	cg12885244	-0.029	0.108	-0.020	-0.393	9.143
VAPB	cg17755581	-0.043	0.083	-0.030	-0.392	9.143
DULLARD	cg11566939	-0.027	0.052	-0.019	-0.392	9.143
WBSCR23	cg12240237	-0.046	0.086	-0.033	-0.392	9.143
ZNF559	cg26674132	-0.087	0.147	-0.061	-0.392	9.143
APC	cg24332422	-0.038	0.080	-0.027	-0.392	9.143
SERAC1	cg06659073	-0.052	0.096	-0.037	-0.391	9.143
PIGO	cg04065065	-0.071	0.154	-0.050	-0.391	9.143
HOXC5	cg15700739	-0.063	0.110	-0.044	-0.391	9.143
HDGF	cg00746981	-0.014	0.874	-0.010	-0.391	9.143
PCK2	cg15467148	-0.038	0.066	-0.027	-0.390	9.143
C1orf21	cg05135156	-0.024	0.042	-0.017	-0.389	9.143
PEG10	cg16492735	-0.073	0.274	-0.052	-0.388	9.143
UBE4B	cg08151470	-0.110	0.246	-0.078	-0.388	9.143
FAM73B	cg00729541	-0.013	0.027	-0.009	-0.388	9.143
TPM4	cg16232979	-0.020	0.041	-0.014	-0.388	9.143
ALOXE3	cg10392768	-0.030	0.046	-0.021	-0.388	9.143
EEF1A1	cg07740989	-0.019	0.047	-0.014	-0.387	9.143
MSMB	cg17030820	-0.019	0.040	-0.014	-0.387	9.143
KNDC1	cg12955583	-0.027	0.094	-0.019	-0.387	9.143
MGC34646	cg22915732	-0.052	0.096	-0.037	-0.387	9.143
GM2A	cg22775896	-0.014	0.035	-0.010	-0.387	9.143
C14orf58	cg23575320	-0.030	0.047	-0.021	-0.387	9.143
FLJ22746	cg24516901	-0.271	0.506	-0.192	-0.386	9.143
PNPLA2	cg22016649	-0.030	0.072	-0.021	-0.386	9.143
LRIG2	cg10983720	-0.018	0.038	-0.013	-0.385	9.143
SNX4	cg16468910	-0.069	0.118	-0.049	-0.385	9.143
NNAT	cg10642330	-0.166	0.321	-0.118	-0.385	9.143
OBFC2B	cg17709466	-0.015	0.033	-0.011	-0.385	9.143

TTC16	cg21753834	-0.025	0.074	-0.018	-0.385	9.143
TMEM111	cg18215716	-0.046	0.075	-0.033	-0.384	9.143
COX6A1	cg08821669	-0.025	0.067	-0.018	-0.384	9.143
CHMP4B	cg02435593	-0.092	0.160	-0.065	-0.384	9.143
ATP2C1	cg09134747	-0.109	0.215	-0.078	-0.384	9.143
SMU1	cg24088229	-0.042	0.093	-0.030	-0.384	9.143
FRMD5	cg16046465	-0.018	0.035	-0.013	-0.384	9.143
RIC8B	cg26979339	-0.013	0.044	-0.009	-0.384	9.143
KIF3C	cg00094851	-0.037	0.095	-0.027	-0.384	9.143
GNAS	cg27027803	-0.061	0.214	-0.043	-0.383	9.143
RCBTB2	cg25165199	-0.123	0.277	-0.088	-0.383	9.143
SACM1L	cg26864061	-0.021	0.088	-0.015	-0.383	9.143
DNM2	cg20041257	-0.034	0.091	-0.024	-0.382	9.143
E2F4	cg05501658	-0.025	0.068	-0.018	-0.382	9.143
FAHD2A	cg08818385	-0.101	0.258	-0.071	-0.382	9.143
SLC2A8	cg03804985	-0.038	0.085	-0.027	-0.382	9.143
TSFM	cg06191990	-0.074	0.121	-0.053	-0.382	9.143
KREMEN2	cg20712430	-0.028	0.072	-0.020	-0.382	9.143
URB	cg21307628	-0.041	0.077	-0.029	-0.381	9.143
CCND2	cg16994506	-0.055	0.096	-0.039	-0.381	9.143
ZNF691	cg10040059	-0.051	0.090	-0.036	-0.381	9.143
TCF12	cg12426141	-0.030	0.060	-0.021	-0.381	9.143
ING2	cg16420530	-0.015	0.035	-0.011	-0.381	9.143
COL1A1	cg01593886	-0.045	0.079	-0.032	-0.380	9.143
LEMD3	cg03217102	-0.030	0.074	-0.021	-0.380	9.143
DMTF1	cg19861697	-0.042	0.072	-0.030	-0.380	9.143
ASAH1	cg03201604	-0.013	0.053	-0.009	-0.379	9.143
STXBP5	cg05360265	-0.026	0.083	-0.019	-0.379	9.143
BPESC1	cg03552688	-0.041	0.083	-0.029	-0.379	9.143
BTG4	cg23211240	-0.028	0.085	-0.020	-0.379	9.143
UNC84B	cg20652889	-0.017	0.032	-0.012	-0.379	9.143
AADAT	cg01654582	-0.027	0.070	-0.019	-0.378	9.143
GNAS	cg24975842	-0.074	0.207	-0.052	-0.378	9.143
NRP2	cg22367989	-0.024	0.043	-0.017	-0.378	9.143
PDCD7	cg25026754	-0.015	0.028	-0.010	-0.378	9.143
E2F6	cg12858075	-0.016	0.036	-0.012	-0.378	9.143
CLPP	cg17756392	-0.016	0.030	-0.011	-0.378	9.143
BDH2	cg02214188	-0.169	0.287	-0.120	-0.377	9.143
RCBTB1	cg15609273	-0.020	0.044	-0.014	-0.377	9.143
MARVELD3	cg18468219	-0.013	0.032	-0.009	-0.377	9.143
TGFB2	cg14910241	0.025	0.779	0.018	-0.377	9.143
ZIM2	cg22354595	-0.096	0.168	-0.068	-0.377	9.143
C20orf116	cg08661003	-0.043	0.068	-0.031	-0.377	9.143
PHF5A	cg08759274	-0.041	0.101	-0.029	-0.376	9.143
FN3K	cg21697134	-0.021	0.071	-0.015	-0.376	9.143
C5orf16	cg11064797	-0.020	0.041	-0.014	-0.376	9.143
MS4A6A	cg04353769	-0.056	0.120	-0.040	-0.376	9.143
ROM1	cg01858173	-0.019	0.030	-0.013	-0.376	9.143
EDF1	cg17185543	-0.075	0.125	-0.053	-0.376	9.143
PMM1	cg04384398	-0.054	0.123	-0.038	-0.375	9.143
TYRO3	cg01050433	-0.050	0.127	-0.035	-0.375	9.143
MMRN2	cg22545356	-0.033	0.096	-0.023	-0.375	9.143
FAM104A	cg12569173	-0.030	0.054	-0.021	-0.374	9.143
HIST1H3A	cg09305770	-0.017	0.037	-0.012	-0.375	9.143
PDIA3	cg03377682	-0.037	0.080	-0.027	-0.374	9.143
C1orf126	cg24535573	-0.022	0.059	-0.016	-0.374	9.143

FLJ44861	cg26717786	-0.041	0.139	-0.029	-0.374	9.143
NS4ATP2	cg09545860	-0.036	0.069	-0.026	-0.374	9.143
KCNC2	cg11631518	-0.029	0.059	-0.020	-0.374	9.143
CLSPN	cg06100291	-0.021	0.037	-0.015	-0.373	9.143
BRPF1	cg14712964	-0.029	0.080	-0.021	-0.373	9.143
CDV3	cg08860710	-0.037	0.064	-0.026	-0.373	9.143
C13orf10	cg21306212	-0.029	0.068	-0.020	-0.373	9.143
CHRAC1	cg12002314	-0.015	0.034	-0.011	-0.373	9.143
DLG1	cg12149391	-0.023	0.050	-0.016	-0.372	11.730
ZFHX1B	cg07246225	-0.034	0.063	-0.024	-0.372	11.730
MRPL12	cg15214092	-0.071	0.155	-0.050	-0.371	11.730
KRAS	cg02850821	-0.027	0.075	-0.019	-0.371	11.730
RENT1	cg06214729	-0.017	0.037	-0.012	-0.371	11.730
TRAPPC4	cg11054882	-0.041	0.090	-0.029	-0.371	11.730
STAC	cg01798589	-0.038	0.072	-0.027	-0.371	11.730
ARHGAP29	cg26229607	-0.100	0.180	-0.071	-0.371	11.730
APBB3	cg02995853	-0.018	0.035	-0.013	-0.371	11.730
ZNF688	cg27586455	-0.020	0.045	-0.014	-0.371	11.730
SAT2	cg01249910	-0.019	0.037	-0.014	-0.370	11.730
GRB2	cg09509576	-0.040	0.077	-0.028	-0.370	11.730
EIF3S5	cg12510755	-0.101	0.231	-0.071	-0.370	11.730
EVI1	cg19848683	-0.019	0.042	-0.013	-0.370	11.730
MYL9	cg21671476	-0.067	0.151	-0.048	-0.370	11.730
SORCS3	cg09551147	-0.018	0.042	-0.013	-0.370	11.730
DACH1	cg19756611	-0.059	0.439	-0.042	-0.369	11.730
GNAS	cg21988465	-0.083	0.135	-0.059	-0.369	11.730
GRASP	cg04034767	-0.043	0.088	-0.030	-0.369	11.730
FLJ36980	cg14501253	-0.026	0.039	-0.018	-0.368	11.730
RPS2	cg21862373	-0.021	0.061	-0.015	-0.368	11.730
MAPK13	cg24155668	-0.021	0.038	-0.015	-0.368	11.730
ARRB2	cg23779331	-0.020	0.053	-0.014	-0.367	11.730
GTF2A2	cg24088751	-0.018	0.060	-0.012	-0.367	11.730
CAV1	cg27242945	-0.010	0.020	-0.007	-0.367	11.730
ATXN2L	cg12360373	-0.019	0.043	-0.013	-0.366	11.730
CNN2	cg22902083	-0.026	0.080	-0.019	-0.366	11.730
RAB26	cg27176536	-0.052	0.130	-0.037	-0.366	11.730
FAM71C	cg13338132	-0.023	0.048	-0.017	-0.366	11.730
INHBB	cg07197823	-0.025	0.063	-0.018	-0.366	11.730
ACAT1	cg24341800	-0.085	0.282	-0.060	-0.365	11.730
RGS19	cg24513045	-0.040	0.105	-0.028	-0.365	11.730
NFATC1	cg06973760	-0.016	0.047	-0.011	-0.365	11.730
HSPC268	cg02096656	-0.074	0.155	-0.053	-0.365	11.730
POLR3D	cg09037858	-0.033	0.062	-0.024	-0.365	11.730
NMI	cg15747933	-0.040	0.066	-0.029	-0.364	11.730
KIF27	cg09697386	-0.019	0.052	-0.013	-0.364	11.730
CTTN	cg15383392	-0.030	0.065	-0.021	-0.364	11.730
APP	cg13169373	-0.016	0.038	-0.012	-0.364	11.730
OSBP	cg22093158	-0.027	0.090	-0.019	-0.364	11.730
HDAC11	cg22319470	-0.023	0.061	-0.017	-0.364	11.730
SLC1A6	cg16377872	-0.061	0.142	-0.043	-0.363	11.730
NFKBIE	cg01708236	-0.050	0.214	-0.035	-0.363	11.730
C1orf83	cg10362426	-0.020	0.066	-0.014	-0.363	11.730
ZBED3	cg04735745	-0.025	0.055	-0.017	-0.363	11.730
HYPK	cg00480356	-0.147	0.344	-0.104	-0.363	11.730
CDC7	cg23845507	-0.015	0.028	-0.011	-0.363	11.730
LOC51315	cg26602920	-0.041	0.065	-0.029	-0.363	11.730

GNAS	cg07284407	-0.105	0.163	-0.075	-0.363	11.730
CRISPLD1	cg05624932	-0.022	0.041	-0.016	-0.363	11.730
CHEK2	cg22585269	-0.055	0.074	-0.039	-0.363	11.730
ORMDL3	cg01482279	-0.016	0.043	-0.012	-0.363	11.730
ST14	cg10089145	-0.020	0.034	-0.014	-0.363	11.730
DUS2L	cg17982504	-0.012	0.028	-0.009	-0.362	11.730
RALB	cg17169613	-0.044	0.095	-0.031	-0.362	11.730
NICN1	cg19866103	-0.020	0.038	-0.014	-0.362	11.730
PTP4A2	cg06397510	-0.006	0.059	-0.004	-0.362	11.730
LEO1	cg00060762	-0.019	0.052	-0.013	-0.362	11.730
MAX	cg13555543	-0.020	0.058	-0.014	-0.361	11.730
TFEB	cg03446863	-0.025	0.046	-0.018	-0.361	11.730
ANKRA2	cg10237911	-0.116	0.294	-0.082	-0.361	11.730
LILRB2	cg19279346	-0.090	0.186	-0.064	-0.361	11.730
SNAPC1	cg15860839	-0.070	0.146	-0.050	-0.361	11.730
TBL2	cg22511633	-0.016	0.042	-0.011	-0.361	11.730
PAK4	cg07186707	-0.039	0.073	-0.027	-0.361	11.730
SH3TC1	cg02635407	-0.034	0.069	-0.024	-0.361	11.730
RPL34	cg16525761	-0.042	0.090	-0.030	-0.361	11.730
LOC51035	cg22091798	-0.010	0.022	-0.007	-0.360	11.730
TES	cg00453193	-0.016	0.043	-0.012	-0.360	11.730
RBM16	cg12897370	-0.030	0.063	-0.021	-0.360	11.730
C6orf79	cg23528708	-0.026	0.059	-0.019	-0.360	11.730
LY96	cg23732024	-0.082	0.235	-0.058	-0.360	11.730
PLEKHK1	cg09941381	-0.028	0.073	-0.020	-0.359	11.730
IL15RA	cg08497766	-0.032	0.080	-0.023	-0.359	11.730
FIGN	cg20959523	-0.022	0.041	-0.015	-0.359	11.730
GLP1R	cg25014318	-0.034	0.079	-0.024	-0.359	11.730
ZC3H12A	cg15949277	-0.022	0.056	-0.016	-0.359	11.730
LMTK2	cg05526376	-0.017	0.048	-0.012	-0.359	11.730
FAM29A	cg13739345	-0.026	0.061	-0.018	-0.359	11.730
RASSF5	cg24450312	-0.073	0.119	-0.052	-0.359	11.730
SYT11	cg05150177	-0.013	0.037	-0.009	-0.358	11.730
M6PRBP1	cg03020271	-0.035	0.071	-0.025	-0.358	11.730
MAP2K2	cg24748945	-0.060	0.114	-0.043	-0.358	11.730
CD40	cg21601405	-0.221	0.351	-0.156	-0.358	11.730
FLJ12505	cg03455458	-0.020	0.050	-0.014	-0.357	11.730
ARHGEF1	cg03161839	-0.039	0.098	-0.027	-0.357	11.730
RPS13	cg05592434	-0.048	0.109	-0.034	-0.357	11.730
KHK	cg01522194	-0.015	0.052	-0.010	-0.357	11.730
KM-HN-1	cg22385477	0.062	0.918	0.044	-0.357	11.730
UBE2J2	cg03322129	-0.027	0.071	-0.019	-0.357	11.730
KCNH4	cg23559331	-0.025	0.076	-0.018	-0.357	11.730
ARID1A	cg11856093	-0.022	0.067	-0.016	-0.356	11.730
MATN2	cg16202564	-0.040	0.082	-0.028	-0.356	11.730
SFRS2	cg00953277	-0.020	0.048	-0.014	-0.356	11.730
MTX1	cg06237414	-0.014	0.039	-0.010	-0.356	11.730
NUDT9	cg21298523	-0.042	0.091	-0.030	-0.356	11.730
AKT2	cg22973042	-0.048	0.069	-0.034	-0.356	11.730
HNRPA2B1	cg19062098	-0.011	0.032	-0.008	-0.356	11.730
PTCH	cg18436172	-0.040	0.086	-0.029	-0.355	11.730
CDH13	cg00806490	-0.045	0.087	-0.032	-0.355	11.730
LTB	cg18656170	-0.052	0.095	-0.037	-0.355	11.730
TMTC3	cg07520161	-0.021	0.044	-0.015	-0.355	11.730
SMPDL3A	cg14426525	-0.043	0.101	-0.030	-0.355	11.730
DKFZP586H2	cg14542839	-0.027	0.061	-0.019	-0.355	11.730

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GPC6	cg16792800	-0.026	0.057	-0.018	-0.355	11.730
ESRRA	cg23073111	-0.045	0.152	-0.032	-0.354	11.730
UFD1L	cg25841091	-0.022	0.043	-0.015	-0.354	11.730
LSM4	cg21664310	-0.028	0.070	-0.020	-0.354	11.730
HIST1H2BE	cg21146268	-0.021	0.067	-0.015	-0.354	11.730
KIAA0082	cg11649001	-0.019	0.036	-0.013	-0.354	11.730
HIST1H3A	cg08797106	-0.065	0.123	-0.046	-0.354	11.730
ZNF416	cg01947224	-0.015	0.025	-0.011	-0.353	11.730
TP53AP1	cg15652797	-0.022	0.045	-0.015	-0.353	11.730
LRPPRC	cg26538116	-0.073	0.210	-0.052	-0.353	11.730
TACC3	cg13225039	-0.030	0.078	-0.021	-0.353	11.730
RPS3A	cg03771255	-0.031	0.059	-0.022	-0.353	11.730
COL22A1	cg03396229	-0.041	0.075	-0.029	-0.352	11.730
MORF4L1	cg14426682	-0.065	0.143	-0.046	-0.352	11.730
ATXN3	cg09458170	-0.031	0.050	-0.022	-0.352	11.730
SERPINB12	cg11435943	-0.038	0.117	-0.027	-0.351	11.730
MGC14141	cg06654447	-0.012	0.026	-0.008	-0.351	11.730
RSPO2	cg14070647	-0.029	0.084	-0.021	-0.351	11.730
KIAA1822	cg06834875	-0.018	0.043	-0.013	-0.351	11.730
SLC25A17	cg23013931	-0.011	0.033	-0.008	-0.351	11.730
ACSL1	cg16092956	-0.015	0.028	-0.011	-0.351	11.730
VAV2	cg13134662	-0.040	0.138	-0.029	-0.351	11.730
BAALC	cg10918202	-0.040	0.109	-0.028	-0.351	11.730
C9orf9	cg24293567	-0.034	0.110	-0.024	-0.351	11.730
SNURF	cg02125271	-0.116	0.248	-0.082	-0.350	11.730
CCM2	cg22037919	-0.022	0.049	-0.015	-0.350	11.730
FBXO28	cg26043391	-0.045	0.082	-0.032	-0.350	11.730
OBFC2B	cg22591065	-0.027	0.051	-0.019	-0.350	11.730
DUSP8	cg02271621	-0.101	0.158	-0.071	-0.350	11.730
GGN	cg26853640	-0.017	0.041	-0.012	-0.350	11.730
MUC1	cg07399355	-0.017	0.041	-0.012	-0.350	11.730
IFIT1	cg15019617	-0.032	0.087	-0.022	-0.349	11.730
KCTD17	cg20011794	-0.034	0.070	-0.024	-0.349	11.730
AMPD3	cg08035082	-0.065	0.173	-0.046	-0.349	11.730
SPATA3	cg03386373	-0.057	0.119	-0.040	-0.349	11.730
SOCS2	cg24117442	-0.027	0.055	-0.019	-0.349	11.730
IIP45	cg23355725	-0.011	0.033	-0.008	-0.349	11.730
CDK5RAP1	cg12431699	-0.029	0.064	-0.021	-0.348	11.730
SLC35D1	cg14206730	-0.013	0.029	-0.009	-0.348	11.730
EVI5L	cg14106632	-0.036	0.066	-0.026	-0.348	11.730
SSPN	cg19574623	-0.053	0.098	-0.038	-0.348	11.730
TAF5L	cg18220284	-0.012	0.026	-0.008	-0.348	11.730
AMOTL2	cg08115510	-0.021	0.038	-0.015	-0.347	11.730
CDH10	cg07290435	-0.087	0.137	-0.062	-0.347	11.730
GPR132	cg26514492	-0.118	0.238	-0.084	-0.347	11.730
PRKCA	cg00050312	-0.015	0.045	-0.011	-0.347	11.730
IGF2BP2	cg24450631	-0.054	0.128	-0.038	-0.347	11.730
ATG16L1	cg04712018	-0.041	0.079	-0.029	-0.346	11.730
KIRREL	cg26928603	-0.066	0.138	-0.046	-0.346	11.730
GABRA4	cg03593419	-0.029	0.051	-0.021	-0.346	11.730
PLCXD2	cg01745657	-0.104	0.193	-0.074	-0.346	11.730
SUPT3H	cg11806749	-0.015	0.033	-0.010	-0.346	11.730
NFE2L3	cg14534464	-0.018	0.067	-0.013	-0.346	11.730
MEIS3	cg21145624	-0.028	0.056	-0.020	-0.345	11.730
C14orf10	cg00049986	-0.114	0.234	-0.081	-0.345	11.730

MAN1C1	cg05670408	-0.022	0.106	-0.015	-0.345	11.730
WDR55	cg06177968	-0.028	0.059	-0.020	-0.345	11.730
DHTKD1	cg14461963	-0.016	0.036	-0.011	-0.345	11.730
SLC22A8	cg21062347	-0.063	0.220	-0.045	-0.345	13.672
BTG1	cg04211745	-0.021	0.033	-0.015	-0.344	13.672
MRPL45	cg17138359	-0.020	0.050	-0.014	-0.344	13.672
LOC129285	cg24076392	-0.017	0.043	-0.012	-0.344	13.672
RUFY1	cg25418748	-0.022	0.151	-0.015	-0.344	13.672
DDX59	cg13945069	-0.017	0.042	-0.012	-0.344	13.672
DMAP1	cg23451311	-0.029	0.055	-0.020	-0.344	13.672
ARMC7	cg03605339	-0.022	0.042	-0.016	-0.344	13.672
NFKBIL1	cg26991292	-0.057	0.192	-0.040	-0.343	13.672
C12orf26	cg02845923	-0.045	0.121	-0.032	-0.343	13.672
CALCOCO2	cg07460665	-0.090	0.187	-0.064	-0.343	13.672
RER1	cg13014406	-0.014	0.024	-0.010	-0.343	13.672
FMO3	cg18063149	-0.040	0.076	-0.028	-0.343	13.672
HRB	cg19850163	-0.030	0.054	-0.021	-0.343	13.672
ACTL7A	cg11628026	-0.025	0.049	-0.018	-0.343	13.672
ZNF415	cg24892510	-0.011	0.024	-0.008	-0.342	13.672
DMP1	cg22416721	-0.029	0.114	-0.020	-0.342	13.672
MPP2	cg07112154	-0.030	0.063	-0.021	-0.342	13.672
BAHD1	cg07114024	-0.019	0.048	-0.014	-0.342	13.672
MGC33302	cg15557833	-0.082	0.157	-0.058	-0.342	13.672
ACOT7	cg17236617	-0.026	0.106	-0.018	-0.342	13.672
SLC25A20	cg20159072	-0.025	0.064	-0.018	-0.341	13.672
TCN2	cg04081402	-0.039	0.074	-0.028	-0.341	13.672
APC	cg15020645	-0.013	0.029	-0.009	-0.341	13.672
SPOCK	cg12832649	-0.015	0.128	-0.011	-0.341	13.672
PEG10	cg08291000	-0.068	0.143	-0.048	-0.340	13.672
SCARB2	cg11659747	-0.056	0.111	-0.039	-0.340	13.672
CDC7	cg13599025	-0.015	0.037	-0.011	-0.340	13.672
C1QB	cg22477971	-0.047	0.106	-0.034	-0.340	13.672
SPATA12	cg04563996	-0.156	0.355	-0.111	-0.340	13.672
MELK	cg01288067	-0.025	0.128	-0.018	-0.340	13.672
MEPE	cg13255629	-0.026	0.070	-0.019	-0.340	13.672
OBFC2B	cg14816013	0.016	0.813	0.011	-0.340	13.672
MST1	cg21958034	-0.037	0.205	-0.027	-0.340	13.672
PLEKHA1	cg01246254	-0.045	0.134	-0.032	-0.340	13.672
GLMN	cg02748427	-0.038	0.108	-0.027	-0.340	13.672
EHD2	cg12603043	-0.009	0.027	-0.007	-0.340	13.672
BASP1	cg23496260	-0.046	0.091	-0.033	-0.339	13.672
CACNB4	cg16111791	-0.041	0.085	-0.029	-0.339	13.672
PIP3-E	cg19963522	-0.075	0.189	-0.053	-0.339	13.672
PABPC1	cg20304401	-0.055	0.139	-0.039	-0.339	13.672
HIST1H4H	cg15599064	-0.061	0.129	-0.043	-0.339	13.672
CTSZ	cg01663968	-0.019	0.049	-0.014	-0.338	13.672
HSPC268	cg07819926	-0.015	0.037	-0.011	-0.338	13.672
OVOL1	cg20909686	-0.069	0.119	-0.049	-0.338	13.672
THRB	cg24120841	-0.015	0.046	-0.010	-0.338	13.672
SAPS2	cg01513661	-0.051	0.130	-0.036	-0.338	13.672
SPAG1	cg27170159	-0.084	0.210	-0.059	-0.338	13.672
CCND2	cg08069899	-0.022	0.070	-0.015	-0.338	13.672
EMB	cg26781886	-0.022	0.069	-0.016	-0.338	13.672
SULF2	cg22084611	-0.060	0.124	-0.042	-0.338	13.672
CYP2B6	cg10322876	-0.060	0.422	-0.043	-0.338	13.672
PABPC4	cg12585282	-0.053	0.102	-0.038	-0.338	13.672

EGFL9	cg24908499	-0.017	0.034	-0.012	-0.338	13.672
SMPDL3B	cg22421699	-0.049	0.118	-0.035	-0.337	13.672
EML2	cg08831348	-0.024	0.058	-0.017	-0.337	13.672
WBSCR22	cg04134859	-0.019	0.045	-0.013	-0.337	13.672
NRCAM	cg17885062	-0.036	0.068	-0.026	-0.337	13.672
SFRP2	cg23207990	-0.018	0.080	-0.013	-0.337	13.672
C1R	cg16236875	-0.031	0.076	-0.022	-0.337	13.672
F25965	cg23230018	-0.023	0.057	-0.017	-0.337	13.672
LAMP1	cg24826645	-0.037	0.089	-0.026	-0.337	13.672
ARF6	cg24879595	-0.052	0.098	-0.037	-0.337	13.672
STIM1	cg01246405	-0.049	0.123	-0.035	-0.336	13.672
BAD	cg13620770	-0.042	0.117	-0.030	-0.336	13.672
CHRNA3	cg01145396	-0.063	0.154	-0.044	-0.336	13.672
IL6ST	cg21950518	-0.024	0.109	-0.017	-0.336	13.672
SSU72	cg20755353	-0.020	0.042	-0.014	-0.336	13.672
ZNF8	cg27649653	-0.167	0.787	-0.119	-0.336	13.672
RCN1	cg06755819	-0.037	0.089	-0.026	-0.336	13.672
BAIAP3	cg26499611	-0.042	0.109	-0.030	-0.336	13.672
KNS2	cg23948756	-0.017	0.046	-0.012	-0.336	13.672
NSUN5C	cg07033083	-0.038	0.074	-0.027	-0.336	13.672
DDIT3	cg15021531	-0.030	0.059	-0.021	-0.335	13.672
LMNB2	cg22510943	-0.063	0.139	-0.044	-0.335	13.672
C20orf43	cg00831028	-0.025	0.063	-0.018	-0.335	13.672
FBXO30	cg13572545	-0.029	0.093	-0.021	-0.335	13.672
CD24	cg23654549	0.020	0.175	0.014	-0.334	13.672
MSH6	cg07652213	-0.053	0.087	-0.038	-0.334	13.672
ARHGEF11	cg25017304	-0.028	0.059	-0.020	-0.334	13.672
WDR5B	cg00571634	-0.112	0.286	-0.080	-0.334	13.672
ALDH9A1	cg11373746	-0.022	0.050	-0.015	-0.334	13.672
PIM1	cg21769943	-0.009	0.021	-0.007	-0.334	13.672
ARMC2	cg12785675	-0.023	0.051	-0.017	-0.333	13.672
FAM50B	cg03202897	-0.084	0.590	-0.060	-0.333	13.672
PFKP	cg10247268	-0.016	0.055	-0.011	-0.333	13.672
C14orf119	cg16141690	-0.044	0.267	-0.031	-0.333	13.672
CPEB2	cg05562327	-0.043	0.078	-0.030	-0.333	13.672
OCLN	cg13744194	-0.049	0.099	-0.035	-0.333	13.672
PPP2R5A	cg07979577	-0.013	0.039	-0.009	-0.333	13.672
MED8	cg10548277	-0.022	0.051	-0.015	-0.332	13.672
KIAA0853	cg12378831	-0.031	0.057	-0.022	-0.332	13.672
UHRF1	cg13282951	-0.054	0.117	-0.039	-0.332	13.672
TRA2A	cg00288562	-0.018	0.081	-0.013	-0.332	13.672
TRPM5	cg07882535	-0.049	0.108	-0.035	-0.332	13.672
SDC1	cg13758659	-0.036	0.081	-0.026	-0.332	13.672
FLJ21908	cg18216249	-0.046	0.093	-0.033	-0.332	13.672
GRK6	cg21424904	-0.010	0.017	-0.007	-0.332	13.672
BACE2	cg25906419	-0.011	0.041	-0.008	-0.332	13.672
RASSF1	cg06063729	-0.022	0.047	-0.016	-0.331	13.672
NUDT16	cg26459500	-0.024	0.059	-0.017	-0.331	13.672
ZNF614	cg25776555	-0.031	0.118	-0.022	-0.331	13.672
CA6	cg25919221	-0.047	0.124	-0.033	-0.331	13.672
C1orf77	cg13283942	-0.015	0.031	-0.010	-0.331	13.672
CHKA	cg27090024	-0.025	0.079	-0.018	-0.331	13.672
SKIV2L	cg17680902	-0.026	0.064	-0.018	-0.331	13.672
SEPP1	cg04502814	-0.011	0.042	-0.008	-0.330	13.672
MMS19L	cg14175593	-0.028	0.051	-0.020	-0.330	13.672
CCDC55	cg25346576	-0.112	0.195	-0.079	-0.330	13.672

CRMP1	cg03544320	-0.033	0.408	-0.024	-0.330	13.672
TMEM16K	cg09632416	-0.010	0.030	-0.007	-0.330	13.672
WT1	cg25563456	-0.014	0.042	-0.010	-0.330	13.672
MMD	cg01992081	-0.024	0.060	-0.017	-0.330	13.672
IDI1	cg08020381	-0.011	0.027	-0.008	-0.330	13.672
C10orf22	cg23680936	-0.010	0.028	-0.007	-0.330	13.672
MRPS33	cg18384643	-0.026	0.085	-0.018	-0.330	13.672
ZNF264	cg08504049	-0.023	0.054	-0.016	-0.329	13.672
LOC90693	cg11783451	-0.022	0.044	-0.015	-0.329	13.672
CGGBP1	cg15379887	-0.048	0.103	-0.034	-0.329	13.672
GNAS	cg18619398	-0.059	0.218	-0.042	-0.329	13.672
PTK9	cg18730023	-0.046	0.122	-0.032	-0.329	13.672
TRPM4	cg25261908	-0.013	0.032	-0.009	-0.329	13.672
CCDC6	cg15984822	-0.031	0.083	-0.022	-0.328	13.672
GNPDA1	cg19704039	-0.016	0.038	-0.011	-0.328	13.672
CMYA1	cg02921257	-0.055	0.154	-0.039	-0.328	13.672
DYNC1L1	cg18602811	-0.041	0.109	-0.029	-0.328	15.770
CHMP6	cg19693015	-0.016	0.038	-0.011	-0.328	15.770
TTYH1	cg01661993	-0.028	0.068	-0.020	-0.328	15.770
PIK4CA	cg21244955	-0.050	0.139	-0.036	-0.327	15.770
CCDC3	cg20647888	-0.043	0.082	-0.030	-0.327	15.770
RPS3	cg22368307	-0.035	0.074	-0.025	-0.327	15.770
FANCF	cg02235880	-0.038	0.086	-0.027	-0.327	15.770
PLAGL1	cg25350411	-0.161	0.308	-0.114	-0.327	15.770
ADARB1	cg08222185	-0.024	0.053	-0.017	-0.327	15.770
RBM8A	cg17036737	-0.077	0.208	-0.054	-0.327	15.770
BTG4	cg22879515	-0.019	0.042	-0.013	-0.327	15.770
RAB2	cg12095167	-0.019	0.046	-0.013	-0.327	15.770
ELN	cg05822532	-0.056	0.123	-0.040	-0.327	15.770
ATAD2	cg18604888	-0.018	0.044	-0.013	-0.327	15.770
PRH1	cg24653967	-0.059	0.125	-0.042	-0.326	15.770
VPS18	cg03643709	-0.099	0.182	-0.070	-0.326	15.770
LHPP	cg12815841	-0.035	0.079	-0.025	-0.326	15.770
ZC3H12A	cg18891404	-0.010	0.029	-0.007	-0.326	15.770
NEUROG1	cg04330449	-0.090	0.239	-0.064	-0.326	15.770
ENPP1	cg05417985	-0.021	0.046	-0.015	-0.326	15.770
KHK	cg14527441	-0.007	0.024	-0.005	-0.326	15.770
ARHGEF2	cg20375554	-0.020	0.069	-0.014	-0.326	15.770
MRE11A	cg23759214	-0.018	0.051	-0.012	-0.326	15.770
FLJ21106	cg07285838	-0.023	0.056	-0.017	-0.326	15.770
FGF10	cg14654926	-0.027	0.070	-0.019	-0.326	15.770
CD44	cg20143092	-0.028	0.064	-0.020	-0.326	15.770
SPHK2	cg05990214	-0.034	0.069	-0.024	-0.326	15.770
ERCC1	cg17378989	-0.096	0.240	-0.068	-0.326	15.770
LYK5	cg16306381	-0.012	0.031	-0.008	-0.325	15.770
ZNF91	cg07706362	-0.038	0.091	-0.027	-0.325	15.770
SNX17	cg24189717	-0.022	0.062	-0.016	-0.325	15.770
ANKRD42	cg15749322	-0.037	0.129	-0.026	-0.325	15.770
CORO2A	cg21618439	-0.017	0.096	-0.012	-0.325	15.770
NFASC	cg22571530	-0.024	0.049	-0.017	-0.325	15.770
MPHOSPH1	cg20571908	-0.038	0.116	-0.027	-0.325	15.770
DSCR1L2	cg02850329	-0.033	0.087	-0.024	-0.325	15.770
KRTAP19-3	cg04297093	-0.024	0.066	-0.017	-0.324	15.770
TRIM25	cg20676542	-0.002	0.075	-0.001	-0.324	15.770
SOCS1	cg01717706	-0.020	0.042	-0.014	-0.324	15.770
GRIA4	cg19343464	-0.014	0.039	-0.010	-0.324	15.770

FLJ32130	cg12582366	-0.272	0.461	-0.193	-0.324	15.770
SRM	cg21379816	-0.014	0.039	-0.010	-0.324	15.770
SHF	cg20696985	-0.018	0.037	-0.013	-0.324	15.770
DPM3	cg21038964	-0.029	0.059	-0.021	-0.324	15.770
MAML1	cg20060451	-0.013	0.041	-0.009	-0.323	15.770
TUSC2	cg16225429	-0.029	0.062	-0.021	-0.323	15.770
NBN	cg17724365	-0.016	0.072	-0.012	-0.323	15.770
SLC25A16	cg14191109	-0.132	0.293	-0.093	-0.323	15.770
FGF8	cg16248277	-0.067	0.129	-0.048	-0.323	15.770
KIAA0649	cg15769409	-0.017	0.113	-0.012	-0.323	15.770
RBM9	cg25488206	-0.026	0.058	-0.019	-0.323	15.770
ELN	cg27360098	-0.039	0.151	-0.027	-0.323	15.770
SYK	cg23447996	-0.029	0.106	-0.021	-0.323	15.770
POLR3K	cg14747225	-0.040	0.090	-0.029	-0.322	15.770
WBP4	cg15600342	-0.018	0.042	-0.012	-0.322	15.770
SLC2A1	cg20345840	-0.017	0.058	-0.012	-0.322	15.770
CTRL	cg04413148	-0.031	0.067	-0.022	-0.322	15.770
RPL36	cg25136310	-0.020	0.088	-0.014	-0.322	15.770
FNDC4	cg20369763	-0.028	0.059	-0.020	-0.322	15.770
TYMS	cg18419020	-0.023	0.052	-0.016	-0.322	15.770
MTBP	cg03521600	-0.020	0.046	-0.014	-0.322	15.770
TREM1	cg06196379	-0.097	0.209	-0.069	-0.322	15.770
SGPP2	cg16884042	-0.028	0.069	-0.020	-0.321	15.770
CDC16	cg13064881	-0.007	0.017	-0.005	-0.321	15.770
MRPL12	cg01372689	-0.016	0.041	-0.011	-0.321	15.770
MTHFD1L	cg21610516	-0.041	0.098	-0.029	-0.320	15.770
SCLY	cg16334840	-0.023	0.047	-0.016	-0.320	15.770
WDR54	cg11698762	-0.043	0.083	-0.030	-0.320	15.770
KRTHA8	cg22139563	-0.039	0.191	-0.027	-0.320	15.770
RASSF5	cg01860753	-0.099	0.211	-0.070	-0.319	15.770
C14orf39	cg27398547	-0.136	0.289	-0.097	-0.319	15.770
ZIM2	cg19771589	-0.063	0.170	-0.045	-0.319	15.770
HNRPA3	cg01594915	-0.012	0.028	-0.009	-0.319	15.770
DOM3Z	cg20284673	-0.048	0.121	-0.034	-0.319	15.770
RAI17	cg09936762	-0.018	0.067	-0.013	-0.318	15.770
PSMA3	cg05957518	-0.016	0.052	-0.011	-0.318	15.770
C19orf22	cg09675889	-0.023	0.077	-0.016	-0.318	15.770
DEFB103A	cg17288121	-0.048	0.218	-0.034	-0.318	15.770
ITGB4BP	cg27270218	-0.017	0.043	-0.012	-0.318	15.770
MYCBP	cg00521598	-0.035	0.129	-0.025	-0.318	15.770
IL10RB	cg17506742	-0.014	0.034	-0.010	-0.318	15.770
PHCA	cg22992570	-0.006	0.105	-0.005	-0.318	15.770
HAP1	cg10154926	-0.016	0.062	-0.011	-0.318	15.770
CCND2	cg17886028	-0.024	0.047	-0.017	-0.318	15.770
MDH1	cg19147570	-0.023	0.052	-0.016	-0.318	15.770
ASPM	cg19350340	-0.117	0.291	-0.083	-0.318	15.770
SLC2A6	cg25512587	-0.041	0.124	-0.029	-0.318	15.770
SLC6A12	cg03139377	-0.108	0.264	-0.076	-0.318	15.770
USP15	cg02776251	-0.082	0.196	-0.058	-0.318	15.770
LILRA4	cg20542190	-0.091	0.264	-0.064	-0.318	15.770
GCA	cg03549127	-0.020	0.050	-0.014	-0.317	15.770
SACM1L	cg15602950	-0.014	0.042	-0.010	-0.317	15.770
MUS81	cg15883761	-0.021	0.049	-0.015	-0.317	15.770
RNF144	cg25705900	-0.010	0.026	-0.007	-0.317	15.770
AHSA2	cg15118503	-0.033	0.077	-0.023	-0.317	15.770
MGC12966	cg21939482	-0.016	0.061	-0.012	-0.317	15.770

CCDC55	cg26813908	-0.039	0.093	-0.028	-0.317	15.770
MOCS3	cg03700308	-0.025	0.071	-0.018	-0.317	15.770
CSTF2T	cg06712026	-0.025	0.045	-0.018	-0.317	15.770
C14orf126	cg15247031	-0.045	0.108	-0.032	-0.317	15.770
TCP11L1	cg18495563	-0.035	0.077	-0.025	-0.317	15.770
ACOX1	cg16419345	-0.017	0.037	-0.012	-0.316	15.770
TAOK3	cg00545573	-0.059	0.152	-0.042	-0.316	15.770
C18orf54	cg00381076	-0.013	0.054	-0.009	-0.316	15.770
FLJ20643	cg25658980	-0.020	0.056	-0.014	-0.316	15.770
SCC-112	cg17815841	-0.006	0.013	-0.004	-0.316	15.770
MLF2	cg23311549	-0.011	0.046	-0.008	-0.316	15.770
CBS	cg09622447	-0.034	0.097	-0.024	-0.315	15.770
TWSG1	cg23435746	-0.037	0.095	-0.026	-0.315	15.770
LRIG3	cg11625946	-0.013	0.028	-0.009	-0.315	15.770
MEST	cg13917504	-0.065	0.159	-0.046	-0.315	15.770
INSL5	cg04979933	-0.076	0.139	-0.054	-0.315	15.770
BUB3	cg23724447	-0.035	0.136	-0.025	-0.315	15.770
SPIN1	cg02491012	-0.055	0.108	-0.039	-0.315	15.770
C18orf1	cg04633384	-0.021	0.045	-0.015	-0.315	15.770
CSNK1G3	cg02631957	-0.035	0.062	-0.025	-0.315	15.770
MYCT1	cg02830467	-0.148	0.407	-0.105	-0.315	15.770
EXOC7	cg21016177	-0.018	0.043	-0.013	-0.315	15.770
NT5C1A	cg01656955	-0.039	0.091	-0.028	-0.314	15.770
ATP6V1C1	cg02187914	-0.036	0.088	-0.026	-0.314	15.770
ACVRL1	cg10999429	-0.015	0.059	-0.011	-0.314	15.770
CTSO	cg16181202	-0.034	0.082	-0.024	-0.314	15.770
FLJ22639	cg26211698	-0.017	0.052	-0.012	-0.314	15.770
UGDH	cg27406727	-0.015	0.032	-0.011	-0.314	15.770
ATG10	cg06777715	-0.027	0.092	-0.019	-0.314	15.770
C1orf94	cg08527127	-0.074	0.152	-0.052	-0.314	15.770
PDCD10	cg06323427	-0.018	0.042	-0.013	-0.313	15.770
PYCARD	cg15468095	-0.033	0.084	-0.023	-0.313	15.770
HSPC268	cg07050831	-0.026	0.065	-0.019	-0.313	15.770
RAP1A	cg07597871	-0.016	0.040	-0.011	-0.313	15.770
ANKRD38	cg00625425	-0.096	0.382	-0.068	-0.313	17.895
CYP1A1	cg26704579	-0.049	0.117	-0.035	-0.313	17.895
ETV4	cg05011232	-0.018	0.056	-0.013	-0.312	17.895
AIP	cg21747271	-0.077	0.170	-0.054	-0.312	17.895
KLF15	cg26436315	-0.015	0.120	-0.011	-0.312	17.895
TMEM106A	cg04482110	-0.032	0.066	-0.023	-0.312	17.895
SULT1A1	cg18530748	-0.098	0.280	-0.069	-0.312	17.895
ARG99	cg20784775	-0.050	0.111	-0.035	-0.312	17.895
AP2S1	cg23131950	-0.038	0.081	-0.027	-0.312	17.895
CHD2	cg02169430	-0.027	0.075	-0.019	-0.311	17.895
BNIP3	cg22473973	-0.042	0.099	-0.030	-0.311	17.895
MGC11335	cg12960248	-0.036	0.069	-0.025	-0.311	17.895
MYO3A	cg08441170	-0.036	0.078	-0.025	-0.311	17.895
PLAGL1	cg17895149	-0.088	0.211	-0.062	-0.311	17.895
FAM57B	cg16152813	-0.099	0.187	-0.070	-0.311	17.895
SMARCC2	cg03184964	-0.036	0.118	-0.026	-0.311	17.895
MLR2	cg23628240	-0.019	0.049	-0.013	-0.311	17.895
PCDH17	cg14893163	-0.025	0.096	-0.018	-0.310	17.895
C20orf86	cg22175764	-0.017	0.049	-0.012	-0.310	17.895
MLL	cg04910299	-0.020	0.061	-0.014	-0.310	17.895
MYLIP	cg14298379	-0.012	0.044	-0.009	-0.310	17.895
PPP2R5C	cg14512008	-0.027	0.062	-0.019	-0.310	17.895

KIAA1841	cg20843052	-0.016	0.042	-0.012	-0.310	17.895
GSN	cg05793077	-0.022	0.049	-0.016	-0.310	17.895
CNP	cg23866755	-0.021	0.049	-0.015	-0.309	17.895
YIPF4	cg01195127	-0.024	0.046	-0.017	-0.309	17.895
C10orf42	cg23879147	-0.023	0.064	-0.016	-0.309	17.895
WDR49	cg16398289	-0.047	0.123	-0.033	-0.309	17.895
HMG20A	cg22211866	-0.047	0.111	-0.034	-0.309	17.895
ATXN2	cg12313568	-0.020	0.059	-0.014	-0.309	17.895
PKN2	cg02558133	-0.005	0.151	-0.003	-0.309	17.895
PSD2	cg17811228	-0.026	0.067	-0.019	-0.309	17.895
HAAO	cg20289949	-0.049	0.136	-0.035	-0.309	17.895
LYN	cg10539712	-0.035	0.082	-0.025	-0.309	17.895
CD14	cg25358289	-0.056	0.164	-0.040	-0.308	17.895
YWHAG	cg12730381	-0.062	0.121	-0.044	-0.308	17.895
HBII-13	cg26410550	-0.048	0.171	-0.034	-0.308	17.895
GPSN2	cg12846938	-0.014	0.039	-0.010	-0.308	17.895
SSBP4	cg09529667	-0.011	0.029	-0.007	-0.308	17.895
EDG8	cg24807354	-0.025	0.060	-0.018	-0.308	17.895
GFI1B	cg00629585	-0.190	0.455	-0.135	-0.308	17.895
UST	cg21273029	-0.034	0.139	-0.024	-0.308	17.895
THOC1	cg27109971	-0.063	0.138	-0.045	-0.308	17.895
MUC13	cg09081544	-0.039	0.111	-0.027	-0.307	17.895
ZFP95	cg23668257	-0.017	0.047	-0.012	-0.307	17.895
HEBP1	cg26648592	-0.013	0.033	-0.009	-0.307	17.895
C10orf4	cg10830758	-0.013	0.126	-0.009	-0.307	17.895
VPS54	cg24514921	-0.018	0.052	-0.013	-0.307	17.895
ATP1A1	cg14841875	-0.020	0.063	-0.014	-0.307	17.895
RAD18	cg26640549	-0.048	0.115	-0.034	-0.307	17.895
HIP1	cg24650353	-0.023	0.092	-0.016	-0.307	17.895
FASN	cg03386722	-0.012	0.072	-0.009	-0.307	17.895
ZNF688	cg11141013	-0.009	0.029	-0.006	-0.307	17.895
PPIL5	cg13892015	-0.020	0.051	-0.014	-0.307	17.895
H19	cg17769238	-0.060	0.198	-0.043	-0.306	17.895
ZNF581	cg00376639	-0.047	0.110	-0.034	-0.306	17.895
CENPF	cg00620223	-0.021	0.059	-0.015	-0.306	17.895
CPNE4	cg09147222	-0.095	0.302	-0.068	-0.306	17.895
CCDC64	cg13752005	-0.012	0.027	-0.009	-0.306	17.895
SEPT10	cg21537939	-0.054	0.242	-0.038	-0.306	17.895
SLCO4A1	cg09210315	-0.045	0.141	-0.032	-0.306	17.895
C12orf49	cg01308601	-0.025	0.075	-0.017	-0.306	17.895
ACYP2	cg01615080	-0.028	0.053	-0.020	-0.306	17.895
RAB6IP2	cg17416608	-0.021	0.053	-0.015	-0.306	17.895
IMPDH1	cg05079794	-0.014	0.037	-0.010	-0.306	17.895
SPAG4	cg14961385	-0.020	0.064	-0.014	-0.306	17.895
KCNQ1	cg20751395	-0.050	0.183	-0.036	-0.306	17.895
CANT1	cg21260850	-0.020	0.043	-0.014	-0.305	17.895
C1QC	cg11393848	-0.050	0.113	-0.036	-0.305	17.895
CABIN1	cg15061008	-0.018	0.043	-0.013	-0.305	17.895
MYH4	cg23400451	-0.030	0.184	-0.021	-0.305	17.895
IL27RA	cg07979357	-0.118	0.313	-0.084	-0.305	17.895
IGF2AS	cg04112019	-0.041	0.127	-0.029	-0.305	17.895
ADD1	cg13979182	-0.039	0.114	-0.028	-0.305	17.895
WNT3	cg00126034	-0.015	0.035	-0.011	-0.305	17.895
NOTCH4	cg14700707	-0.142	0.318	-0.101	-0.305	17.895
SFRS14	cg25234963	-0.014	0.034	-0.010	-0.304	17.895
SMARCA3	cg26151310	-0.018	0.044	-0.013	-0.304	17.895

GMNN	cg06281719	-0.058	0.137	-0.041	-0.304	17.895
PLEK2	cg20141916	-0.008	0.034	-0.005	-0.304	17.895
CNNM2	cg15439196	-0.080	0.207	-0.057	-0.304	17.895
PSMC2	cg27109647	-0.040	0.094	-0.028	-0.304	17.895
RBP1	cg11027570	-0.028	0.061	-0.020	-0.304	17.895
GALR1	cg15343119	-0.044	0.130	-0.031	-0.304	17.895
LSAMP	cg25315362	-0.099	0.259	-0.071	-0.304	17.895
TAPBP	cg26315802	-0.041	0.093	-0.029	-0.304	17.895
APOC1	cg11337525	-0.026	0.092	-0.018	-0.304	17.895
MTNR1A	cg10063179	-0.014	0.042	-0.010	-0.303	17.895
BCL2	cg08554462	-0.040	0.126	-0.028	-0.303	17.895
TLK2	cg23181434	-0.062	0.162	-0.044	-0.303	17.895
HSP90B1	cg16085042	-0.011	0.026	-0.008	-0.303	17.895
SACM1L	cg04837898	-0.066	0.151	-0.047	-0.303	17.895
ZNF569	cg18244915	-0.021	0.049	-0.015	-0.303	17.895
CASC3	cg06307169	-0.057	0.140	-0.040	-0.302	17.895
SGCE	cg03682823	-0.030	0.108	-0.022	-0.302	17.895
KIF1B	cg06615861	-0.009	0.068	-0.006	-0.302	17.895
THBS4	cg18110483	-0.020	0.062	-0.014	-0.302	17.895
CYP1A2	cg09207718	-0.033	0.096	-0.023	-0.302	17.895
NDN	cg06743811	-0.053	0.151	-0.038	-0.302	17.895
LENG4	cg23968678	-0.009	0.033	-0.006	-0.302	17.895
SPN	cg26751195	-0.043	0.131	-0.031	-0.302	17.895
PRCP	cg27561006	-0.052	0.099	-0.037	-0.302	17.895
JMJD2A	cg08552254	-0.074	0.252	-0.052	-0.302	17.895
PCMT1	cg13662243	-0.075	0.227	-0.053	-0.302	17.895
MPHOSPH6	cg16119274	-0.015	0.033	-0.010	-0.302	17.895
CYP46A1	cg01117627	-0.012	0.029	-0.009	-0.302	17.895
MGC15476	cg08906015	-0.043	0.144	-0.030	-0.302	17.895
SLC16A13	cg09543792	-0.010	0.047	-0.007	-0.302	17.895
POLR2G	cg22176017	-0.026	0.070	-0.019	-0.302	17.895
TRSPAP1	cg10691259	-0.012	0.038	-0.008	-0.302	17.895
PPA2	cg09459044	-0.020	0.049	-0.014	-0.301	17.895
LSM12	cg24682149	-0.018	0.053	-0.013	-0.301	17.895
NPAS2	cg07799947	-0.041	0.138	-0.029	-0.301	17.895
KCNF1	cg22085335	-0.027	0.064	-0.019	-0.301	17.895
PHF13	cg08661290	-0.025	0.067	-0.018	-0.301	17.895
ZNF346	cg24504986	-0.011	0.046	-0.008	-0.301	17.895
TBC1D10A	cg04644624	-0.071	0.197	-0.050	-0.301	17.895
GLRX5	cg11375079	-0.029	0.090	-0.021	-0.300	17.895
GPR61	cg00521434	-0.026	0.071	-0.018	-0.300	17.895
NIFIE14	cg19016517	-0.026	0.064	-0.018	-0.300	17.895
RAB1A	cg14217102	-0.007	0.016	-0.005	-0.300	17.895
KIAA0513	cg24148044	-0.014	0.042	-0.010	-0.300	17.895
PYCARD	cg09587549	-0.026	0.060	-0.019	-0.300	17.895
MEST	cg01888566	-0.070	0.311	-0.049	-0.300	17.895
RAB3GAP1	cg12813922	-0.018	0.039	-0.012	-0.300	17.895
IL1R1	cg15233681	-0.045	0.113	-0.032	-0.300	17.895
FAM20A	cg13591701	-0.039	0.128	-0.028	-0.299	17.895
TMED6	cg16148454	-0.027	0.121	-0.019	-0.299	17.895
SCARF2	cg14785479	-0.030	0.068	-0.021	-0.299	17.895
SRRM2	cg07195622	-0.009	0.028	-0.007	-0.299	17.895
SMPD3	cg22116290	-0.028	0.076	-0.020	-0.299	17.895
MLLT6	cg01485645	-0.026	0.064	-0.018	-0.299	17.895
PSCD1	cg08024766	-0.018	0.062	-0.013	-0.299	17.895
SRF	cg14839932	-0.023	0.082	-0.016	-0.299	17.895

HMGCS1	cg18646457	-0.032	0.070	-0.022	-0.299	17.895
NF1	cg19959519	-0.027	0.061	-0.019	-0.299	17.895
FNDC5	cg20951444	-0.078	0.197	-0.056	-0.299	17.895
CYP20A1	cg27413025	-0.045	0.100	-0.032	-0.299	17.895
GNAS	cg21625881	-0.041	0.151	-0.029	-0.299	17.895
FKBP11	cg21908259	-0.033	0.081	-0.023	-0.299	17.895
CDKN1C	cg04548378	-0.024	0.060	-0.017	-0.299	17.895
OR2A4	cg17026542	-0.031	0.075	-0.022	-0.299	17.895
MYBBP1A	cg21000021	-0.035	0.084	-0.025	-0.299	17.895
SPATA6	cg04141379	-0.013	0.054	-0.009	-0.298	17.895
GFER	cg15643724	-0.014	0.039	-0.010	-0.298	17.895
NT5E	cg17488985	-0.034	0.052	-0.024	-0.298	17.895
SLC25A4	cg27583030	-0.033	0.109	-0.024	-0.298	17.895
ZNF207	cg06168050	-0.039	0.120	-0.027	-0.298	17.895
ASL	cg20857947	-0.082	0.175	-0.058	-0.298	17.895
SAMD8	cg25229706	-0.027	0.072	-0.019	-0.298	17.895
ZNF187	cg19217872	-0.025	0.083	-0.018	-0.298	17.895
SRF	cg00984602	-0.076	0.211	-0.054	-0.298	17.895
MAPK7	cg17559549	-0.040	0.085	-0.028	-0.298	17.895
TUBA3	cg14802310	-0.099	0.237	-0.070	-0.298	17.895
IL1R1	cg26657648	-0.056	0.116	-0.040	-0.298	17.895
FOXL1	cg06995715	-0.014	0.074	-0.010	-0.298	17.895
ARID4A	cg08790491	-0.023	0.055	-0.017	-0.298	17.895
TPD52	cg18459342	-0.038	0.152	-0.027	-0.298	17.895
CASQ2	cg18942631	-0.062	0.137	-0.044	-0.298	17.895
FUBP1	cg08707063	-0.040	0.091	-0.029	-0.297	17.895
AARS	cg25432323	-0.021	0.043	-0.015	-0.297	17.895
TMEM117	cg09678228	-0.015	0.055	-0.011	-0.297	17.895
C1orf89	cg27298878	-0.045	0.080	-0.032	-0.297	17.895
IVNS1ABP	cg25423402	-0.008	0.054	-0.006	-0.297	17.895
C19orf30	cg02479575	-0.019	0.047	-0.014	-0.297	19.998
C3orf62	cg07758574	-0.020	0.060	-0.014	-0.297	19.998
PIGT	cg26634132	-0.010	0.030	-0.007	-0.297	19.998
HS6ST3	cg17183991	-0.017	0.046	-0.012	-0.297	19.998
FLJ90024	cg22321558	-0.019	0.065	-0.014	-0.296	19.998
CDH3	cg19034028	-0.065	0.190	-0.046	-0.296	19.998
NCOR1	cg24443925	-0.043	0.093	-0.031	-0.296	19.998
GNRH2	cg07549715	-0.017	0.280	-0.012	-0.296	19.998
PEG3	cg19335327	-0.103	0.187	-0.073	-0.296	19.998
MST1	cg12788313	-0.122	0.243	-0.087	-0.296	19.998
BAZ1B	cg14093368	-0.019	0.052	-0.013	-0.296	19.998
CDKN1C	cg20919799	-0.010	0.030	-0.007	-0.296	19.998
ZNF512	cg19451391	0.140	0.866	0.099	-0.296	19.998
THEM4	cg07017477	-0.018	0.904	-0.013	-0.296	19.998
CDYL	cg09600520	-0.061	0.164	-0.043	-0.295	19.998
FZD10	cg23054883	-0.014	0.077	-0.010	-0.295	19.998
KCNMA1	cg04688368	-0.010	0.033	-0.007	-0.295	19.998
LTC4S	cg11394785	-0.052	0.158	-0.037	-0.295	19.998
INPP1	cg16691616	-0.022	0.046	-0.015	-0.295	19.998
AATF	cg11857445	-0.020	0.054	-0.014	-0.295	19.998
CA2	cg19876444	-0.066	0.294	-0.047	-0.295	19.998
ZNF649	cg15534084	-0.061	0.123	-0.043	-0.295	19.998
CCIN	cg15248035	-0.131	0.471	-0.093	-0.294	19.998
C1orf65	cg27202708	-0.154	0.298	-0.109	-0.294	19.998
USP30	cg03070588	-0.015	0.041	-0.010	-0.294	19.998
CHFR	cg23653008	-0.018	0.039	-0.012	-0.294	19.998

PACS1	cg01663295	-0.032	0.109	-0.023	-0.294	19.998
CHPT1	cg12924262	-0.026	0.071	-0.019	-0.294	19.998
MGC35043	cg22334000	-0.025	0.068	-0.018	-0.294	19.998
STIM1	cg06349174	-0.013	0.085	-0.009	-0.294	19.998
AMPD2	cg14254419	-0.021	0.067	-0.015	-0.294	19.998
ISYNA1	cg00445824	-0.046	0.093	-0.033	-0.293	19.998
ALX4	cg07696033	-0.021	0.060	-0.015	-0.293	19.998
DDAH1	cg21589280	-0.077	0.239	-0.055	-0.293	19.998
HSPA1A	cg05920090	-0.025	0.073	-0.017	-0.293	19.998
DOCK1	cg13434852	-0.025	0.087	-0.017	-0.293	19.998
RNASET2	cg14479329	-0.029	0.110	-0.021	-0.293	19.998
SLC37A1	cg17398613	-0.050	0.161	-0.036	-0.293	19.998
SMPDL3A	cg22401066	-0.015	0.064	-0.010	-0.293	19.998
IQGAP1	cg17891123	-0.033	0.129	-0.023	-0.293	19.998
YBX1	cg27530424	-0.047	0.189	-0.034	-0.293	19.998
MAGI2	cg05902852	-0.019	0.046	-0.014	-0.293	19.998
RNF4	cg07651857	-0.027	0.062	-0.019	-0.293	19.998
CHST13	cg07745434	0.012	0.910	0.009	-0.292	19.998
PGPEP1	cg10266068	-0.034	0.071	-0.024	-0.292	19.998
PSCD3	cg26774430	-0.016	0.037	-0.011	-0.292	19.998
RAB4A	cg03825921	-0.078	0.174	-0.055	-0.292	19.998
SFRS5	cg08653874	-0.014	0.039	-0.010	-0.292	19.998
DGCR2	cg16621987	-0.020	0.112	-0.014	-0.292	19.998
ADCY4	cg12265829	-0.031	0.117	-0.022	-0.292	19.998
HIRA	cg21311175	-0.018	0.054	-0.013	-0.292	19.998
PYCARD	cg12100791	-0.028	0.077	-0.020	-0.292	19.998
DRD1	cg16112129	-0.022	0.057	-0.015	-0.291	19.998
ZNF567	cg09984370	-0.014	0.045	-0.010	-0.291	19.998
ME1	cg24881834	-0.047	0.236	-0.033	-0.291	19.998
ALS2CL	cg05369142	-0.024	0.110	-0.017	-0.291	19.998
LYZL4	cg10864941	-0.063	0.109	-0.045	-0.291	19.998
USP15	cg12304441	-0.011	0.035	-0.008	-0.291	19.998
KIAA1900	cg16823105	-0.017	0.049	-0.012	-0.291	19.998
DGKQ	cg17592292	-0.035	0.092	-0.025	-0.291	19.998
FAM29A	cg07664183	-0.177	0.487	-0.126	-0.291	19.998
BRD1	cg25943702	-0.041	0.265	-0.029	-0.291	19.998
WASPIP	cg10037068	-0.034	0.135	-0.024	-0.291	19.998
LOC196463	cg17946995	-0.040	0.126	-0.029	-0.291	19.998
TLX3	cg25720804	-0.014	0.036	-0.010	-0.291	19.998
HDLBP	cg14353516	-0.034	0.091	-0.024	-0.290	19.998
ZWILCH	cg18864581	-0.022	0.062	-0.016	-0.290	19.998
MGC16169	cg00230271	-0.016	0.038	-0.012	-0.290	19.998
RUNDC2A	cg12405833	-0.022	0.058	-0.016	-0.290	19.998
SIAH1	cg10784785	-0.025	0.068	-0.018	-0.290	19.998
UBE1DC1	cg21828898	-0.007	0.021	-0.005	-0.290	19.998
CTTN	cg18187335	-0.015	0.039	-0.011	-0.290	19.998
IL17E	cg14366598	-0.058	0.225	-0.041	-0.290	19.998
CBLL1	cg03443922	-0.015	0.041	-0.011	-0.290	19.998
PCSK9	cg13191808	0.027	0.853	0.019	-0.290	19.998
C14orf105	cg19903229	-0.105	0.364	-0.075	-0.290	19.998
MGC15407	cg23192899	-0.063	0.129	-0.045	-0.290	19.998
DUSP14	cg02987163	-0.026	0.050	-0.018	-0.290	19.998
KIAA0828	cg16584911	-0.039	0.115	-0.028	-0.290	19.998
ALX4	cg04970352	-0.020	0.076	-0.014	-0.290	19.998
BPGM	cg05680424	-0.018	0.050	-0.013	-0.290	19.998
ZFYVE1	cg07070694	-0.034	0.093	-0.024	-0.290	19.998

MAP2K5	cg12246527	-0.013	0.037	-0.009	-0.290	19.998
PTPN9	cg25283338	-0.036	0.073	-0.025	-0.290	19.998
POLR2G	cg11372696	-0.027	0.112	-0.019	-0.290	19.998
ATP10A	cg15523238	-0.023	0.050	-0.016	-0.289	19.998
TYR	cg03417466	-0.073	0.275	-0.052	-0.289	19.998
C3orf31	cg03169527	-0.028	0.143	-0.020	-0.289	19.998
LIN7B	cg00430945	-0.022	0.068	-0.015	-0.289	19.998
KCNA4	cg03506489	-0.012	0.058	-0.009	-0.289	19.998
HINT3	cg07240721	-0.013	0.035	-0.009	-0.289	19.998
C14orf115	cg22247240	-0.030	0.089	-0.022	-0.289	19.998
FBXO30	cg25399367	-0.023	0.060	-0.016	-0.289	19.998
MT4	cg01015871	-0.039	0.188	-0.027	-0.289	19.998
FLJ13576	cg13391638	-0.015	0.044	-0.011	-0.289	19.998
SLC5A5	cg01655355	-0.020	0.050	-0.014	-0.289	19.998
ENO1	cg07483064	-0.028	0.090	-0.020	-0.288	19.998
FLJ35801	cg15425811	-0.116	0.282	-0.082	-0.288	19.998
ABCD4	cg15912427	-0.022	0.052	-0.016	-0.288	19.998
SETDB1	cg17918089	-0.012	0.031	-0.009	-0.288	19.998
MICAL1	cg23390397	-0.020	0.045	-0.014	-0.288	19.998
TWIST1	cg20052718	-0.018	0.048	-0.013	-0.288	19.998
TM6SF1	cg14696396	-0.024	0.129	-0.017	-0.287	19.998
MFSD2	cg26908611	-0.016	0.039	-0.012	-0.287	19.998
CYC1	cg06495924	-0.016	0.045	-0.011	-0.287	19.998
POLR3D	cg01735903	-0.050	0.100	-0.035	-0.287	19.998
WNT4	cg07180649	-0.040	0.132	-0.028	-0.287	19.998
GATA4	cg00090147	-0.025	0.084	-0.018	-0.287	19.998
ARHGAP12	cg02775617	-0.084	0.246	-0.059	-0.287	19.998
ACBD3	cg14971781	-0.013	0.046	-0.009	-0.287	19.998
PIK3CA	cg19522332	-0.026	0.085	-0.018	-0.287	19.998
GALNTL4	cg25985488	-0.011	0.024	-0.008	-0.286	19.998
ATPIF1	cg16834431	-0.019	0.051	-0.013	-0.286	19.998
KIF22	cg04078251	-0.008	0.034	-0.006	-0.286	19.998
CASKIN2	cg04121983	-0.016	0.044	-0.011	-0.286	19.998
NKD1	cg06812033	-0.021	0.055	-0.015	-0.286	19.998
ANLN	cg18491230	-0.018	0.045	-0.012	-0.286	19.998
CROP	cg05766425	-0.030	0.085	-0.021	-0.286	19.998
DMWD	cg06577658	-0.013	0.032	-0.009	-0.286	19.998
EPHA10	cg07447922	-0.015	0.034	-0.011	-0.286	19.998
HTRA2	cg18181070	-0.014	0.046	-0.010	-0.286	19.998
HMGCS2	cg22718139	-0.034	0.092	-0.024	-0.286	19.998
FLJ39739	cg09588210	-0.034	0.119	-0.024	-0.286	19.998
DLX5	cg11997899	-0.124	0.261	-0.088	-0.286	19.998
WDR37	cg20716571	-0.030	0.090	-0.022	-0.286	19.998
EPS15	cg10089324	-0.036	0.107	-0.025	-0.286	19.998
C1QL1	cg13818573	-0.025	0.066	-0.018	-0.286	19.998
COL1A1	cg01234133	-0.061	0.158	-0.043	-0.286	19.998
PLAGL1	cg12757684	-0.031	0.147	-0.022	-0.286	19.998
MCM4	cg16104446	-0.034	0.083	-0.024	-0.286	19.998
ZNF273	cg14946299	-0.023	0.065	-0.016	-0.286	19.998
TXNL2	cg17976829	-0.042	0.100	-0.030	-0.286	19.998
ZNF169	cg15264273	-0.038	0.104	-0.027	-0.285	19.998
BTBD8	cg16725865	-0.011	0.027	-0.008	-0.285	19.998
SLITL2	cg12071544	-0.010	0.033	-0.007	-0.285	19.998
IFNGR1	cg14279899	-0.030	0.087	-0.021	-0.285	19.998
ZNF398	cg09504196	-0.008	0.023	-0.005	-0.285	19.998
ZNF132	cg19776201	-0.009	0.030	-0.006	-0.285	19.998

WDR20	cg18412984	-0.044	0.146	-0.031	-0.285	19.998
LOC153684	cg04741133	-0.023	0.071	-0.016	-0.285	19.998
ZNF343	cg07355551	-0.013	0.038	-0.009	-0.285	19.998
COL9A1	cg21789545	-0.070	0.273	-0.049	-0.285	19.998
DUSP13	cg04834572	-0.032	0.081	-0.023	-0.285	19.998
CHES1	cg05923056	-0.010	0.028	-0.007	-0.285	19.998
CYB5-M	cg22067472	-0.025	0.064	-0.018	-0.285	19.998
NPBWR1	cg02115041	-0.022	0.058	-0.016	-0.285	19.998
C19orf6	cg23792364	-0.014	0.067	-0.010	-0.285	19.998
MGC15912	cg13074965	-0.014	0.116	-0.010	-0.284	19.998
SCO1	cg12478185	-0.106	0.238	-0.075	-0.284	19.998
PDPN	cg18877506	-0.008	0.018	-0.005	-0.284	19.998
ARPC5	cg03125090	-0.018	0.044	-0.012	-0.284	19.998
ABHD11	cg21942546	-0.015	0.050	-0.011	-0.284	19.998
FLJ10292	cg27181079	-0.034	0.119	-0.024	-0.284	19.998
RPL26L1	cg14134153	-0.040	0.152	-0.028	-0.284	19.998
GTPBP2	cg14465910	-0.024	0.053	-0.017	-0.284	19.998
ZNF625	cg17456704	-0.032	0.091	-0.023	-0.284	19.998
IKIP	cg17525003	-0.022	0.067	-0.015	-0.284	19.998
SSBP3	cg12514620	-0.022	0.058	-0.015	-0.284	19.998
RFX1	cg02841886	-0.008	0.027	-0.006	-0.284	19.998
G3BP2	cg11489580	-0.015	0.041	-0.010	-0.283	19.998
GNRHR	cg27219973	-0.056	0.194	-0.040	-0.283	19.998
SMYD4	cg17057072	-0.023	0.096	-0.016	-0.283	19.998
CREB3L3	cg13509147	-0.041	0.121	-0.029	-0.283	19.998
CYP4X1	cg16689634	-0.012	0.065	-0.009	-0.283	19.998
CAMK2G	cg17076921	-0.031	0.076	-0.022	-0.283	19.998
S100A6	cg09413557	-0.010	0.089	-0.007	-0.283	19.998
DHX9	cg19572947	-0.019	0.047	-0.014	-0.283	19.998
ESR1	cg00655307	-0.006	0.023	-0.005	-0.283	19.998
BTRC	cg13962355	-0.017	0.056	-0.012	-0.283	19.998
PLA2G12A	cg24974477	-0.030	0.058	-0.021	-0.283	19.998
CASP8	cg26799474	-0.126	0.390	-0.090	-0.283	19.998
MGMT	cg02381948	-0.032	0.082	-0.023	-0.283	19.998
POLR3C	cg22262549	-0.016	0.047	-0.011	-0.283	19.998
TMED4	cg22627950	-0.008	0.029	-0.006	-0.282	19.998
FLG	cg26390526	-0.033	0.106	-0.024	-0.282	19.998
KRTAP15-1	cg16812893	-0.026	0.065	-0.018	-0.282	19.998
TMEM50B	cg16803817	-0.016	0.037	-0.011	-0.282	19.998
KIAA0802	cg07955887	-0.028	0.074	-0.020	-0.282	19.998
SLC37A1	cg13265003	-0.149	0.438	-0.106	-0.282	19.998
RPIA	cg13293721	-0.016	0.047	-0.011	-0.282	19.998
BAHD1	cg23228048	-0.026	0.054	-0.018	-0.282	19.998
LRRC42	cg04691375	-0.071	0.218	-0.050	-0.282	19.998
KCNK16	cg14948436	-0.020	0.116	-0.014	-0.282	19.998
GPSN2	cg17162271	-0.019	0.069	-0.013	-0.282	19.998
RABEPK	cg03283569	-0.020	0.040	-0.014	-0.282	19.998
HLA-DPA1	cg13906813	-0.114	0.481	-0.080	-0.282	19.998
SYNC1	cg17339202	-0.109	0.344	-0.077	-0.282	19.998
SPATA4	cg01311285	-0.014	0.068	-0.010	-0.282	19.998
NFKBIZ	cg26284390	-0.046	0.189	-0.033	-0.281	19.998
UGDH	cg09067967	-0.047	0.166	-0.033	-0.281	19.998
ATG4D	cg11820497	-0.031	0.058	-0.022	-0.281	19.998
USP15	cg12823748	-0.023	0.059	-0.016	-0.281	19.998
MGMT	cg14129786	-0.156	0.341	-0.110	-0.281	19.998
C6orf55	cg25098095	-0.027	0.055	-0.019	-0.281	19.998

RYK	cg25420398	-0.021	0.067	-0.015	-0.281	19.998
ITPA	cg17027046	-0.025	0.061	-0.018	-0.281	19.998
PFN1	cg01926595	-0.057	0.135	-0.040	-0.281	19.998
CCNG2	cg05409601	-0.018	0.051	-0.013	-0.280	19.998
DCTN2	cg10058540	-0.019	0.050	-0.013	-0.280	19.998
C1orf106	cg15250507	-0.015	0.040	-0.010	-0.280	19.998
RPUSD4	cg19857537	-0.010	0.031	-0.007	-0.280	19.998
MRPL36	cg25632001	-0.009	0.027	-0.006	-0.280	19.998
GZMB	cg08766149	-0.024	0.100	-0.017	-0.280	19.998
CDH1	cg22832044	-0.034	0.103	-0.024	-0.280	19.998

Note. FDR = false discovery rate (%). Slope = slope of least squared line. Range = range of average beta.