

Table S1 The full names of 29 m7G regulators

Genes	Full names
<i>METTL1</i>	methyltransferase 1
<i>WDR4</i>	WD repeat domain 4
<i>NSUN2</i>	NOP2/Sun RNA methyltransferase 2
<i>DCP2</i>	decapping mRNA 2
<i>DCPS</i>	decapping enzyme, scavenger
<i>NUDT10</i>	nudix hydrolase 10
<i>NUDT11</i>	nudix hydrolase 11
<i>NUDT16</i>	nudix hydrolase 16
<i>NUDT3</i>	nudix hydrolase 3
<i>NUDT4</i>	nudix hydrolase 4
<i>NUDT4B</i>	nudix hydrolase 4B
<i>AGO2</i>	argonaute RISC catalytic component 2
<i>CYFIP1</i>	cytoplasmic FMR1 interacting protein 1
<i>EIF4E</i>	eukaryotic translation initiation factor 4E
<i>EIF4E1B</i>	eukaryotic translation initiation factor 4E family member 1B
<i>EIF4E2</i>	eukaryotic translation initiation factor 4E family member 2
<i>EIF4E3</i>	eukaryotic translation initiation factor 4E family member 3
<i>GEMIN5</i>	gem nuclear organelle associated protein 5
<i>LARP1</i>	La ribonucleoprotein 1, translational regulator
<i>NCBP1</i>	nuclear cap binding protein subunit 1
<i>NCBP2</i>	nuclear cap binding protein subunit 2
<i>NCBP3</i>	nuclear cap binding protein subunit 3
<i>EIF3D</i>	eukaryotic translation initiation factor 3 subunit D
<i>EIF4A1</i>	eukaryotic translation initiation factor 4A1
<i>EIF4G3</i>	eukaryotic translation initiation factor 4 gamma 3
<i>IFIT5</i>	interferon induced protein with tetratricopeptide repeats 5
<i>LSM1</i>	LSM1 homolog, mRNA degradation associated
<i>NCBP2L</i>	nuclear cap binding protein subunit 2 like
<i>SNUPN</i>	snurportin 1

Table S2 The differentially expressed genes between Cluster 1 and Cluster 2

Gene	group1mea	group2mea	logFC	P	FDR
GLI3	0.762490165	1.702835985	1.159149	5.53E-32	2.96E-29
EPHA3	1.019323107	2.082318817	1.03058	6.26E-20	1.73E-18
PLIN4	0.709633813	2.337141229	1.719598	1.04E-18	2.50E-17
ASB2	1.008737294	2.160736776	1.098973	2.64E-15	4.20E-14
PCBP3	0.392516641	0.88866123	1.17888	2.90E-25	2.15E-23
ISLR2	0.417753085	0.838817188	1.005706	1.82E-16	3.33E-15
FGF10	0.378830454	1.347146691	1.830283	5.85E-25	4.05E-23
TMD01	0.791783601	1.95221135	1.301931	1.19E-22	5.06E-21
CDC1	0.373303416	1.188271682	1.670444	5.22E-29	1.20E-26
CDON	0.670131391	1.422059588	1.085466	2.87E-20	8.21E-19
NKX3-2	0.469862059	1.298546611	1.466589	2.74E-16	4.91E-15
NFASC	0.733778586	1.588991635	1.114695	2.71E-18	6.19E-17
CYS1	1.018344174	2.044752564	1.005696	5.06E-22	1.94E-20
FBXL22	0.657230902	1.581463845	1.266788	2.27E-21	7.77E-20
EPHA7	0.337244748	1.343041577	1.993636	1.12E-20	3.45E-19
C8orf88	0.561149264	1.865757467	1.733305	2.62E-31	1.11E-28
MYOC	0.334094434	1.320111401	1.982335	2.68E-14	3.75E-13
LRRCH2	0.465346076	1.113032052	1.258119	7.21E-34	9.41E-31
PDZD4	0.416757386	1.326379783	1.670214	2.57E-28	4.53E-26
PTX3	0.373199256	0.922449949	1.305525	2.66E-21	8.91E-20
DNAJB5	1.184560866	2.382342526	1.008029	7.14E-26	6.08E-24
DCLK1	0.35153048	0.921172238	1.389821	4.37E-24	2.44E-22
GNAO1	0.703813633	1.979815945	1.492101	6.27E-25	4.29E-23
ARHGEF25	1.216054165	2.551147988	1.068939	5.77E-33	4.76E-30
FABP4	0.824851426	2.088631494	1.340352	8.23E-22	3.05E-20
ATP1A2	0.361140341	1.57139617	2.121415	8.91E-23	3.96E-21
NALT1	0.402927701	0.950579804	1.238287	2.07E-12	2.25E-11
SMPX	0.386266295	1.389909509	1.847323	1.49E-12	1.65E-11
CCDC136	0.508462223	1.272422443	1.323161	1.45E-16	2.69E-15
LINC02550	0.389221865	0.87045999	1.161185	2.00E-20	5.89E-19
CHRD2	2.005372789	4.091080606	1.028612	1.95E-21	6.82E-20
MRGPRF	1.906731229	3.816178113	1.001027	3.09E-28	5.21E-26
DACT3	1.007167069	2.427430093	1.269127	9.67E-30	2.61E-27
SLOC2A4	0.65614781	1.768488891	1.430424	6.40E-18	1.40E-16
PLXNA4	0.382529399	0.995745909	1.380207	9.77E-23	4.28E-21
MAMDC2	0.538464794	1.739257032	1.691547	2.17E-23	1.08E-21
GFFR1	0.660079605	1.70993947	1.373233	7.74E-21	2.43E-19
IAB2BP	1.287670196	2.627146785	1.027834	7.45E-20	2.03E-18
PTCH2	0.657433918	1.411280865	1.102087	1.03E-19	2.76E-18
NBEA	0.539159855	1.256948548	1.221141	7.74E-22	2.90E-20
C10orf12	0.499579615	1.135127627	1.184068	1.35E-26	1.32E-24
SHISA3	0.772812528	1.805706577	1.224373	3.17E-18	7.17E-17
PLPPR4	0.638491657	1.318350313	1.045994	2.45E-20	7.13E-19
SCUBE2	0.493282466	1.12836957	1.193754	1.22E-23	6.30E-22
PRKD1	0.615342878	1.406383355	1.192527	1.32E-38	2.07E-34
HSPB7	1.329260012	3.446973383	1.374707	4.58E-25	3.25E-23
KRT13	1.131253948	0.359938412	-1.6521	0.010182	0.018121
SALL2	0.609331379	1.526132131	1.324581	1.79E-27	2.30E-25
REFG	1.027080946	2.270854714	1.144686	1.07E-27	1.51E-25
SETBP1	0.91782664	1.877569597	1.032573	1.31E-25	1.04E-23
SNAP25	0.503750635	1.181837127	1.23025	5.01E-19	1.24E-17
CACNB2	0.528414521	1.188988785	1.169993	3.27E-21	1.08E-19
LINC00578	0.640654753	1.574014867	1.29683	1.10E-23	5.71E-22
NLGN4X	0.388935138	0.855563639	1.137346	1.35E-18	3.20E-17
FAM124A	0.718786655	1.504853025	1.065987	1.03E-23	5.41E-22
PLPP7	0.601685004	1.295580791	1.106519	1.76E-26	1.65E-24
TDRP	0.584269652	1.200821736	1.039316	1.79E-27	2.30E-25
C10orf132	0.413797586	1.1736898524	1.504065	9.57E-22	3.51E-20
S100A7	1.817539892	0.87790915	-1.04984	0.016266	0.027514
BCHL1	0.309679312	1.250196705	2.013308	2.46E-27	2.98E-25
KCNMB1	1.130182267	2.640278994	1.224135	9.38E-22	3.45E-20
VIP	0.373818649	1.756873633	2.232608	4.80E-20	1.35E-18
SYPL2	0.34201671	0.872717872	1.351449	8.23E-27	8.54E-25
ACTC1	0.710549357	1.433090224	1.012123	6.21E-13	7.24E-12
JPH2	0.932922968	2.467833011	1.403415	1.60E-20	4.81E-19
CTSG	0.397228349	1.081528617	1.445031	8.34E-17	1.60E-15
SYNP02	1.988910786	4.448381274	1.161302	1.03E-22	4.48E-21
ADH1B	0.934806268	2.411643242	1.367277	6.33E-19	1.56E-17
PRIMA1	0.631396799	1.948206873	1.625528	5.37E-21	1.71E-19
PNMA8A	0.471722394	1.346478075	1.513181	6.77E-30	1.93E-27
MAP6	0.453108467	1.261827317	1.477586	8.20E-32	3.89E-29
NACAD	0.473755039	1.234874463	1.382151	7.16E-29	1.56E-26
FGF2	0.62076329	1.579749857	1.347558	8.80E-27	9.01E-25
ADCY5	0.943407932	2.316151442	1.295776	9.00E-23	3.98E-21
SCG2	0.740815763	1.625122119	1.133361	2.28E-24	1.37E-22
ZBTB16	0.393987959	1.103274453	1.485568	2.22E-18	5.14E-17
RTL5	0.727724307	1.473830086	1.018106	2.55E-26	2.29E-24
NHSL2	0.553957771	1.349622885	1.284323	1.96E-24	1.20E-22
ATP1B2	0.702826563	1.569477369	1.159044	1.51E-26	1.45E-24
ARHGEF26	0.960315975	1.949910004	1.021826	5.39E-18	1.18E-16
CSDC2	0.525318572	1.241530113	1.240855	4.64E-26	4.06E-24
STMN2	0.427750406	1.16447768	1.444844	1.46E-17	3.04E-16
PDE1A	0.768818927	1.592623209	1.050689	9.92E-29	1.97E-26
SSC9D	1.433843276	2.96219603	1.04678	3.89E-29	9.39E-27
DTNA	0.397605507	1.135538256	1.513967	3.77E-25	2.73E-23
SMYD1	0.171206238	1.310315935	2.936108	9.52E-13	1.08E-11
LGI4	0.548265473	1.154471165	1.074286	5.42E-20	1.51E-18
THBS4	1.611626183	3.861446198	1.260624	4.46E-24	2.48E-22
MAGI2-AS3	0.630794365	1.390201174	1.140052	6.51E-34	9.41E-31
CDCDC8	0.946023825	1.91236327	1.015408	1.62E-24	1.00E-22
PCDH8B4	0.556278672	1.188409474	1.095152	2.79E-28	4.80E-26
MYEF2	0.449555947	0.909136842	1.015997	1.61E-15	2.65E-14
MEOX2	0.553842567	1.607248886	1.537046	1.36E-26	1.33E-24
ZFH4	0.410252807	1.120589052	1.449672	3.13E-28	5.22E-26
DCLK2	0.648364191	1.454277747	1.165427	1.69E-29	4.33E-27
HMCN1	0.71312964	1.546594246	1.116858	2.30E-24	1.38E-22
BVES	0.70651652	1.757973016	1.315118	1.53E-23	7.81E-22
PYG4	0.319718515	1.116220384	1.803748	3.40E-23	1.62E-21
INMT	1.122751057	2.308201565	1.039731	7.96E-25	5.28E-23
ADAMTSL3	0.45884869	1.244134671	1.439052	5.94E-27	6.42E-25
ZFPM2	0.496750618	1.202827645	1.275836	9.34E-30	2.57E-27
PCDH8B7	0.462701761	0.863582243	1.017106	2.54E-23	1.24E-21
LINC	2.289846325	4.622411273	1.013395	2.24E-22	9.08E-21
ADAM23	0.477764498	1.10383851	1.208158	3.08E-27	3.58E-25
ZNF667-AS1	0.686212248	1.65270862	1.268106	7.89E-35	4.19E-31
TACR2	0.949835647	2.651302273	1.480951	6.78E-12	6.80E-11
PI16	0.768582828	1.860890823	1.275721	7.76E-14	1.03E-12
TYRP1	0.601051465	1.286958799	1.098405	6.49E-12	6.54E-11
PRELP	2.020452385	4.151051048	1.038798	1.89E-27	2.39E-25
PRUNE2	1.214375133	3.007927832	1.308556	2.38E-20	6.95E-19
TRO	0.4923274103	0.904897555	1.096162	2.45E-30	7.69E-28
GRIK5	0.391379908	1.270880988	1.69896	6.41E-25	4.37E-23
FGF7	1.214479548	2.620022459	1.109241	3.59E-28	5.87E-26
KCNK3	0.460987052	1.39406147	1.596496	1.16E-22	5.00E-21
PPN1R1A	0.35142797	1.203305304	1.775702	1.14E-17	2.42E-16
ACTA2-AS1	0.65287549	1.670957498	1.355795	3.08E-26	2.74E-24
CHRNA3	0.294182997	1.36645578	2.215653	1.30E-20	3.95E-19
TMEM35A	0.294966219	1.210152257	2.036567	1.75E-27	2.28E-25
GLRB	0.586256727	1.074524526	1.476066	5.70E-33	4.76E-30
FAM180A	0.320412135	1.25041396	1.264679	1.83E-22	7.56E-21
PSD	0.734087087	1.894950475	1.368137	2.76E-20	7.93E-19
FILIP1	0.751469979	1.84030597	1.292158	7.17E-23	3.27E-21
RSPO3	1.44488074	2.90438372	1.007282	3.57E-25	2.60E-23
CNR1	0.375765279	1.056495144	1.491382	2.55E-20	7.39E-19
GREM2	0.774732782	2.027884775	1.388205	8.05E-21	2.51E-19
PTGER3	0.502841985	1.405428972	1.482834	1.27E-34	4.19E-31
PDZRN4	0.212963519	1.16264048	2.448727	1.12E-24	7.21E-23
AZM-AS1	0.378383529	0.822174158	1.119547	2.52E-25	1.87E-23
HAND2-AS1	0.194379543	1.230272939	2.66203	2.79E-24	1.65E-22
PLA2G5	0.36074794	0.851957507	1.23979	9.71E-18	2.07E-16
ABCA8	0.477447562	1.377543924	1.486172	2.05E-22	8.37E-21
PGM5	1.018054762	2.722411823	1.445326	1.28E-22	5.42E-21
GSTM5	0.350034062	0.926602564	1.404455	3.13E-25	2.30E-23
PNCK	0.307361217	1.206996646	1.973415	1.09E-17	2.31E-16
DMD	0.796548876	1.713545214	1.105149	2.81E-18	6.41E-17
PDE1B	0.465003729	0.931820386	1.00281	2.09E-21	7.23E-20
RBPMS2	1.66908667	3.48249266	1.061035	1.88E-24	1.15E-22
GAP43	0.324842844	0.902300107	1.473865	1.24E-21	4.49E-20
CILP	0.874314172	2.134060272	1.28737	7.08E-19	1.73E-17
CPXM2	1.605861946	3.313534994	1.045023	5.94E-25	4.10E-23
FCER1A	0.624814454	1.457989327	1.224612	2.82E-15	4.48E-14
RAB9B	0.41875944	1.051224938	1.327878	2.18E-21	7.51E-20
AOX1	0.593025393	1.421989996	1.261746	1.94E-22	8.02E-21
CASQ2	0.491346158	1.851349738	1.913766	7.34E-24	3.97E-22
CHRD2	0.89035267	2.423487833	1.444636	3.12E-23	1.50E-21
GPM6B	0.699305857	1.403089141	1.004611	3.5	

Table S3 The differentially expressed genes between high- and low-risk groups

Gene	group1mea	group2mea	logFC	P	FDR
GLI3	0.76249	1.702836	1.159149	5.53E-32	2.96E-29
EPHA3	1.019323	2.082319	1.03058	6.26E-20	1.73E-18
PLIN4	1.709634	2.337141	1.719598	1.04E-18	2.50E-17
ASB2	0.0086737	1.6017037	1.098973	2.64E-15	4.20E-14
PCBP3	0.392517	0.888661	1.17888	2.90E-25	2.15E-23
ISLR2	0.417753	0.838817	1.005706	1.82E-16	3.33E-15
FGF10	0.37883	1.347147	1.830283	5.85E-25	4.05E-23
TMOD1	0.791784	1.952211	1.301931	1.19E-22	5.06E-21
CD01	0.373303	1.188272	1.670444	5.22E-29	1.20E-26
CDON	0.670131	1.42206	1.085466	2.87E-20	8.21E-19
NKX3-2	0.469862	1.298547	1.466589	2.74E-16	4.91E-15
NFASC	0.733779	1.588992	1.114695	5.71E-18	6.19E-17
CYS1	1.018344	2.044745	1.005696	2.06E-22	1.94E-20
FBXL22	0.657231	1.581464	1.266788	2.27E-21	7.77E-20
EPHA7	0.337245	1.343042	1.993636	1.12E-20	3.45E-19
C8orf118	0.561149	1.865757	1.733305	2.62E-31	1.11E-28
MYOC	0.334094	1.320114	1.982335	2.68E-14	3.75E-13
LRCB2	0.465346	1.113032	1.258119	7.21E-34	9.41E-31
PDZD4	0.416757	1.32638	1.670214	2.57E-28	4.53E-26
PTX3	0.373199	0.92245	1.305525	2.66E-21	8.91E-20
DNAJB5	1.184561	2.382343	1.008029	7.14E-26	6.08E-24
DCLK1	0.35153	0.921172	1.389821	4.37E-24	2.44E-22
GNAO1	0.703814	1.979816	1.492101	6.27E-25	4.29E-23
ARHGEF25	1.216054	2.551148	1.068939	5.77E-33	4.76E-30
FABP4	0.824851	2.088631	1.340352	8.83E-22	3.05E-20
ATP1A2	0.36114	1.571396	2.121415	8.91E-23	3.96E-21
NALT1	0.402928	0.95058	1.238287	2.07E-12	2.25E-11
SMPX	0.386266	1.38991	1.847323	1.49E-12	1.65E-11
CCDC136	0.508462	1.272242	1.323161	1.05E-16	2.69E-15
LINC02550	0.389222	0.87046	1.161185	2.40E-20	5.89E-19
CHRD2	2.005373	4.091081	1.028612	1.95E-21	6.82E-20
MIR667	1.906731	3.816178	1.001027	3.09E-28	5.21E-26
DACT3	1.007167	2.42743	1.269127	9.67E-30	2.61E-27
SLC2A4	0.656148	1.768489	1.430424	6.40E-18	1.40E-16
PLXNA4	0.382529	0.995746	1.380207	9.77E-23	4.28E-21
MAMDC2	0.538465	1.739257	1.691547	2.17E-23	1.08E-21
GFRA1	0.66008	1.709939	1.373233	7.74E-21	2.43E-19
ABI3BP	1.28767	2.627147	1.028734	7.45E-20	2.03E-18
PTCH2	0.657434	1.411281	1.102087	1.03E-19	2.78E-18
NBEA	0.53916	1.256949	1.221141	7.74E-22	2.90E-20
C1QTNF2	0.49958	1.135128	1.184068	1.35E-26	1.32E-24
SHISA3	0.772813	1.4065707	1.224373	1.71E-18	7.17E-17
PLPPR4	0.638492	1.31835	1.045994	2.45E-20	7.13E-19
SCUBE2	0.493282	1.12837	1.193754	1.22E-23	6.30E-22
PRKD1	0.615343	1.406833	1.192527	1.32E-38	2.07E-34
HSPB7	1.32926	3.446973	1.374707	4.58E-25	3.25E-23
KRT13	1.131254	0.359938	-1.6521	0.010182	0.018121
SALL2	0.609331	1.526132	1.324581	1.79E-27	2.30E-25
REFG	1.027081	2.270855	1.144668	1.07E-27	1.51E-25
SETBP1	0.917827	1.87757	1.032573	1.31E-25	1.04E-23
SNAP25	0.503751	1.181837	1.23025	5.01E-19	1.24E-17
CACNB2	0.528415	1.188989	1.169993	3.27E-21	1.08E-19
LINC00578	0.640655	1.574015	1.29683	1.10E-23	5.71E-22
NLGN4X	0.388935	0.855664	1.137346	1.35E-18	3.20E-17
FAM124A	0.718787	1.504853	1.065987	1.03E-23	5.41E-22
PLPP7	0.601685	1.295581	1.106519	1.76E-26	1.65E-24
TDRP	0.58427	1.200822	1.039316	1.79E-27	2.30E-25
C1QTNF7	0.413798	1.173699	1.504065	9.57E-22	3.51E-20
GRID1	0.378719	0.860892	1.184704	6.18E-26	5.50E-24
SYNC	0.671609	1.82038	1.438547	5.30E-27	5.81E-25
C14orf132	0.965143	2.242655	1.216393	2.39E-32	1.50E-29
S100A7	1.81754	0.877909	-1.04984	0.016266	0.027514
BCH2	0.309679	1.250197	2.013308	2.46E-27	2.98E-25
KCNMB1	1.130182	2.640279	1.224135	2.68E-22	3.45E-20
VIP	0.373817	1.756874	2.232608	4.80E-20	1.35E-18
SYPL2	0.342017	0.872718	1.351449	8.23E-27	8.54E-25
ACTC1	0.710549	1.43309	1.012123	6.21E-13	7.24E-12
JPH2	0.932923	2.467833	1.403415	1.60E-20	4.81E-19
CTSG	0.397228	1.081529	1.445031	8.34E-17	1.60E-15
SYNPO2	1.988911	4.448381	1.161302	1.03E-22	4.48E-21
ADH1B	0.934806	2.411643	1.367277	6.33E-19	1.56E-17
PRIMA1	0.631397	1.948202	1.625528	3.76E-21	1.71E-19
PNMA8A	0.471722	1.348478	1.513181	6.77E-30	1.93E-27
MAP6	0.453108	1.261827	1.477586	8.20E-32	3.89E-29
NACAD	0.473755	1.234874	1.382151	7.16E-29	1.56E-26
FGF2	0.620763	1.57975	1.347581	8.80E-27	9.01E-25
ADCY5	0.943408	2.316151	1.295776	9.00E-23	3.98E-21
SCG2	0.740816	1.625122	1.133361	2.28E-24	1.37E-22
ZBTB16	0.393988	1.103274	1.485668	2.22E-18	5.14E-17
RTL5	0.727724	1.47383	1.018106	2.55E-26	2.29E-24
NHSL2	0.553958	1.349262	1.284323	1.96E-24	1.20E-22
ATP1B2	0.702827	1.569477	1.159044	1.51E-26	1.45E-24
ARHGEF26	0.960316	1.94991	1.021826	5.39E-18	1.18E-16
CSDC2	0.525319	1.24153	1.240855	4.64E-26	4.06E-24
STMN2	0.42775	1.164478	1.444842	1.46E-17	3.04E-16
PDE1A	0.768819	1.592623	1.050689	9.92E-29	1.97E-26
SSCS2	1.433843	2.962196	1.04678	3.89E-29	9.39E-27
DTNA	0.397606	1.135538	1.513967	3.77E-25	2.73E-23
SMYD1	0.171206	1.310316	2.936108	9.52E-13	1.08E-11
LGI4	0.548265	1.154471	1.074286	5.42E-20	1.51E-18
THBS4	1.611626	3.861446	1.260624	4.46E-24	2.48E-22
MAGI2-AS3	0.630794	1.390201	1.140052	1.61E-34	9.41E-31
CCDC8	0.946024	1.912363	1.015408	6.62E-24	1.00E-22
PCDH84	0.556279	1.188409	1.095152	2.79E-28	4.80E-26
MYEF2	0.448556	0.909137	1.015997	1.61E-15	2.65E-14
MEOX2	0.553843	1.607249	1.537046	1.36E-26	1.33E-24
ZFX4	0.410253	1.120589	1.449672	1.13E-28	5.22E-26
DCLK2	0.648364	1.454278	1.165427	1.69E-29	4.33E-27
HMCN1	0.71313	1.548594	1.116858	2.30E-24	1.38E-22
BVES	0.706517	1.757973	1.315118	1.53E-23	7.81E-22
PYGM	0.319719	1.11622	1.803748	3.40E-23	1.62E-21
INMT	1.122751	2.308202	1.039731	7.96E-25	5.28E-23
ADAMTSL3	0.458849	1.244135	1.439052	5.94E-27	6.42E-25
ZFPM2	0.496751	1.202828	1.275836	9.34E-30	2.57E-27
PCDH87	0.426702	0.863582	1.017106	2.54E-23	1.24E-21
FLNC	2.289846	4.622411	1.013395	2.24E-22	9.08E-21
ADAM23	0.477764	1.103839	1.208158	3.08E-27	3.58E-25
ZNF667-AS1	0.686212	1.652709	1.268106	7.89E-35	4.19E-31
TACR2	0.949836	2.651302	1.480951	6.78E-12	6.80E-11
PI16	0.768583	1.860891	1.275721	7.76E-14	1.03E-12
TYRP1	0.601051	1.286959	1.098405	6.49E-12	6.54E-11
PRELP	2.020452	4.151051	1.038798	1.89E-27	2.39E-25
PRUNE2	1.214375	3.007928	1.308556	2.38E-20	6.95E-19
TRO	0.423274	0.904898	1.096162	5.45E-30	7.69E-28
GRIK5	0.39138	1.270681	1.69896	6.41E-25	4.37E-23
FGF7	1.21448	2.620022	1.109241	3.59E-28	5.87E-26
KCNK3	0.460987	1.394061	1.596496	1.16E-22	5.00E-21
PNP1R1A	0.351428	1.203305	1.775702	1.14E-27	2.42E-16
ACTA2-AS1	0.652875	1.670957	1.355795	3.08E-26	2.74E-24
CHRNA3	0.294183	1.368456	2.215653	1.30E-20	3.95E-19
TMEM35A	0.294966	1.210153	2.036567	1.75E-27	2.28E-25
GLRB	0.386257	1.074524	1.476066	5.70E-33	4.76E-30
FAM180A	0.520412	1.250414	1.264679	1.83E-22	7.56E-21
PSD	0.734087	1.89495	1.368137	2.76E-20	7.93E-19
FILIP1	0.75147	1.840306	1.292158	7.17E-23	3.27E-21
RSPO3	1.444881	2.904384	1.007282	3.57E-25	2.60E-23
CNR1	0.375765	1.056495	1.491382	2.55E-20	7.30E-19
GREM2	0.774733	2.027885	1.388205	8.05E-21	2.51E-19
PTGER3	0.502842	1.405429	1.482834	1.27E-34	4.19E-31
PDZRN4	0.212964	1.16264	2.448727	1.12E-24	7.21E-23
A2M-AS1	0.378384	0.822147	1.19547	2.52E-25	1.87E-23
HAND2-AS1	0.19438	1.230273	2.66203	2.79E-24	1.65E-22
PLA2G5	0.360748	0.851958	1.23979	9.71E-18	2.07E-16
ABCA8	0.477448	1.337544	1.486172	2.05E-22	8.37E-21
PGM5	1.018055	2.772412	1.445326	1.28E-22	5.42E-21
GSTM5	0.350034	0.928603	1.404455	3.13E-25	2.30E-23
PNCK	0.307361	1.206997	1.973415	1.09E-17	2.31E-16
DMD	0.796549	1.713545	1.105149	2.81E-18	6.41E-17
PDE1B	0.465004	0.93182	1.00281	2.09E-21	7.23E-20
RBPMS2	1.669087	3.482429	1.061035	1.88E-24	1.15E-22
GAP43	0.324843	0.9023	1.473865	1.24E-21	4.49E-20
CILP	0.874314	2.13406	1.287377	7.08E-19	1.73E-17
CPXM2	1.605862	3.313569	1.045023	5.94E-25	4.10E-23
FCER1A	0.624814	1.457967	1.222461	6.82E-15	4.48E-14
RAB9B	0.418759	1.051225	1.327878	2.18E-21	7.51E-20
AOX1	0.593025	1.421199	1.261746	1.94E-22	8.02E-21
CASQ2	0.491346	1.85135	1.913766	3.14E-24	1.97E-22
CHRD1	0.890353	2.423488	1.444636	7.32E-23	3.50E-21
GPM6B	0.699306	1.403089	1.004611	3.55E-22	1.39E-20
SIX2	1.17226	2.662036	1.183238	8.45E-17	1.62E-15
RNF180	0.472251	1.150668	1.284847	3.45E-33	3.38E-30
LRRC10B	0.506881	1.066507	1.073174	4.05E-13	4.89E-12
KCNMA1	0.779269	2.268061	1.541266	1.14E-21	4.13E-20
C7	1.490886	3.645435	1.289921	2.48E-21	8.37E-20
LDB3	0.395686	1.490305	1.913179	2.11E-19	5.40E-18
AMPH	0.362074	0.827383	1.192271	6.14E-25	4.22E-23
PTGFR	0.472698	1.117674	1.24151	1.22E-19	3.24E-18
GPR					