

sym	logFC	AveExpr	P.Value	adj.P.Val	direction
SFN	4.44651	6.24188	2.27E-41	7.39E-40	up
PRAME	4.18655	5.61342	8.52E-69	1.06E-66	up
MYBL2	4.10161	4.7251	3.03E-74	4.77E-72	up
UBE2C	4.06901	5.41418	9.49E-70	1.24E-67	up
CDC20	3.91155	5.05006	3.51E-78	7.35E-76	up
AQP5	3.41182	5.03457	3.88E-18	3.59E-17	up
PRSS8	3.40318	6.14769	1.96E-49	9.81E-48	up
TK1	3.38706	5.33633	1.06E-75	1.87E-73	up
PI3	3.36068	4.10456	8.23E-14	5.48E-13	up
TPX2	3.31175	4.23489	4.95E-59	3.98E-57	up
ASF1B	3.20888	4.18118	5.83E-72	8.45E-70	up
KRT8	3.20528	7.66641	8.97E-51	4.81E-49	up
SDC1	3.17532	5.307	4.89E-47	2.08E-45	up
EPCAM	3.16581	7.45711	5.92E-52	3.34E-50	up
WFDC2	3.15698	9.73168	4.79E-16	3.82E-15	up
BIRC5	3.10852	3.71717	1.53E-56	1.09E-54	up
AURKB	3.03605	3.65929	1.93E-61	1.73E-59	up
SPP1	3.00643	6.04265	1.27E-23	1.69E-22	up
TOP2A	3.00191	3.95452	8.74E-49	4.14E-47	up
ST14	2.98827	6.29176	7.77E-55	5.07E-53	up
PTTG1	2.98583	4.19463	2.91E-53	1.74E-51	up
ZWINT	2.97727	4.32032	6.93E-65	7.19E-63	up
CLDN3	2.94916	7.67434	6.05E-25	8.69E-24	up
LAD1	2.899	5.27901	7.31E-36	1.86E-34	up
KIFC1	2.89238	3.86948	3.54E-55	2.34E-53	up
SLPI	2.88075	9.27341	2.69E-12	1.58E-11	up
TMPRSS4	2.82778	3.33229	3.18E-31	6.53E-30	up
CLDN7	2.81913	5.72585	7.45E-46	2.98E-44	up
SERINC2	2.81784	6.43638	1.48E-28	2.62E-27	up
CLDN4	2.79929	6.10603	3.35E-34	7.82E-33	up
SPINT1	2.79187	6.18886	6.47E-48	2.93E-46	up
CCNB1	2.78003	4.78748	2.48E-58	1.93E-56	up
CKS2	2.77704	6.0979	1.29E-62	1.23E-60	up
CCNB2	2.7712	3.58735	1.61E-61	1.45E-59	up
S100A9	2.77024	5.44912	6.06E-12	3.45E-11	up
KRT18	2.74907	7.74876	5.93E-41	1.90E-39	up
AP1M2	2.74183	5.87663	4.38E-49	2.12E-47	up
RRM2	2.72241	3.26474	3.34E-46	1.36E-44	up
DLX5	2.71569	5.31716	6.32E-14	4.23E-13	up
S100A2	2.69264	3.58741	3.98E-18	3.67E-17	up
UBE2T	2.68859	4.37632	2.32E-57	1.75E-55	up
CDCA8	2.67642	3.47098	4.28E-53	2.53E-51	up
CD24	2.67434	7.91332	1.11E-35	2.80E-34	up
GDF15	2.65876	4.78714	2.74E-21	3.17E-20	up



CENPF	2.37076	2.95734	3.45E-41	1.11E-39	up
POC1A	2.34082	3.22818	3.29E-58	2.55E-56	up
FAM83D	2.34073	2.82744	6.52E-35	1.58E-33	up
FAM83H	2.34024	4.44326	2.85E-55	1.91E-53	up
ESPN	2.339	3.71524	7.46E-21	8.41E-20	up
HMGA1	2.33789	6.69344	1.56E-28	2.77E-27	up
AOC1	2.33594	2.65896	4.72E-09	2.07E-08	up
PKP3	2.33391	4.43627	5.91E-36	1.51E-34	up
HJURP	2.33261	2.67064	3.14E-49	1.54E-47	up
CBLC	2.33162	4.1439	1.48E-30	2.93E-29	up
CDC45	2.29906	2.63212	5.43E-50	2.80E-48	up
HES6	2.29753	4.51175	1.07E-21	1.27E-20	up
RDH10	2.29278	4.22018	6.06E-20	6.36E-19	up
HGD	2.28909	3.46507	6.51E-15	4.72E-14	up
CDKN2A	2.28828	2.74697	2.31E-14	1.60E-13	up
CDH1	2.28535	5.48256	2.25E-31	4.66E-30	up
VTCN1	2.27902	4.43969	4.73E-12	2.73E-11	up
NCAPH	2.2765	2.6596	2.23E-47	9.75E-46	up
CDK1	2.27133	3.49103	5.71E-37	1.53E-35	up
DLGAP5	2.26654	2.5753	1.91E-38	5.53E-37	up
CXCL17	2.26375	3.87388	3.08E-07	1.11E-06	up
ALDH3B1	2.25503	3.49199	3.13E-16	2.53E-15	up
SCGB2A	2.25063	7.67599	2.31E-05	6.72E-05	up
MISP	2.24751	3.90199	3.13E-18	2.90E-17	up
PRR15L	2.24736	4.17111	2.07E-22	2.57E-21	up
PYCR1	2.24443	4.63084	1.84E-34	4.38E-33	up
JSRP1	2.24	2.5494	3.82E-16	3.07E-15	up
NUP210	2.23791	3.94329	1.47E-48	6.93E-47	up
PSAT1	2.22591	4.92556	3.05E-20	3.28E-19	up
SPAG5	2.22485	2.98421	2.85E-49	1.41E-47	up
UCP2	2.22377	6.66866	3.81E-30	7.35E-29	up
PAFAH1I	2.22232	5.85477	1.55E-48	7.30E-47	up
SPINT2	2.22097	6.82134	6.50E-40	2.00E-38	up
MUC1	2.22036	6.42018	8.01E-15	5.76E-14	up
E2F1	2.21731	3.33361	3.51E-32	7.50E-31	up
TFAP2A	2.20639	2.27879	7.27E-27	1.18E-25	up
RECQL4	2.20507	3.39657	3.82E-42	1.29E-40	up
PAX8	2.19436	5.41355	7.66E-18	6.91E-17	up
ESRP1	2.19203	4.19351	5.19E-37	1.40E-35	up
AURKA	2.18485	2.91283	6.28E-39	1.85E-37	up
PKMYT1	2.18199	2.42506	2.26E-47	9.88E-46	up
PODXL2	2.17858	5.10057	1.99E-28	3.50E-27	up
PHLDA2	2.17397	3.61326	1.03E-18	9.83E-18	up
CENPA	2.17352	2.4477	9.37E-41	2.96E-39	up
CCNA2	2.17248	3.2021	4.68E-37	1.27E-35	up







PNP	1.72602	4.03873	2.97E-34	6.97E-33	up
MESP1	1.72359	1.93783	8.46E-13	5.18E-12	up
MCM2	1.72295	4.1415	1.11E-24	1.56E-23	up
TSPAN1	1.72022	5.57009	5.37E-08	2.10E-07	up
MCM4	1.72003	3.92351	2.28E-28	3.99E-27	up
RAP1GA	1.71521	3.41315	8.30E-16	6.48E-15	up
CLDN6	1.71413	1.78963	8.42E-05	0.00023	up
SLC39A4	1.71223	3.66702	1.70E-22	2.12E-21	up
CAMSAP	1.7092	3.31543	8.19E-38	2.30E-36	up
RAD54L	1.70231	1.99838	5.86E-34	1.34E-32	up
PROM2	1.69962	3.37622	2.37E-15	1.79E-14	up
RNASEH	1.6996	4.65	4.03E-32	8.60E-31	up
RBM47	1.69771	3.57345	1.29E-27	2.19E-26	up
SLC2A1	1.69732	5.27448	3.02E-17	2.61E-16	up
NME1	1.69391	4.64877	3.90E-41	1.25E-39	up
GRIN2D	1.69307	1.79386	2.19E-13	1.40E-12	up
BAIAP2L	1.68928	3.55704	1.43E-47	6.35E-46	up
SLC52A2	1.68663	5.00536	1.55E-46	6.43E-45	up
KRT6A	1.68658	1.82003	2.02E-06	6.66E-06	up
ESPL1	1.6862	1.87474	2.03E-33	4.55E-32	up
ORC6	1.68454	2.10449	1.59E-41	5.21E-40	up
RACGAP	1.68219	3.08636	4.86E-30	9.34E-29	up
LPAR2	1.68109	3.62532	5.79E-36	1.48E-34	up
GOLT1A	1.6808	2.55438	3.05E-13	1.93E-12	up
FAM132F	1.67758	1.81345	3.07E-13	1.94E-12	up
MAP2K6	1.6751	2.6703	2.46E-18	2.31E-17	up
CBX2	1.6679	2.63083	1.67E-19	1.70E-18	up
CP	1.6654	3.75884	6.92E-07	2.41E-06	up
NR2F6	1.66193	5.72584	2.59E-30	5.05E-29	up
CDC25C	1.65633	1.81917	4.79E-39	1.41E-37	up
ERBB3	1.65552	3.95757	1.03E-27	1.75E-26	up
ENO1	1.6535	8.65396	9.86E-35	2.37E-33	up
GAPDH	1.65344	10.1886	1.02E-39	3.10E-38	up
TRIP13	1.6505	2.83759	2.43E-28	4.25E-27	up
PRSS22	1.64541	3.03472	4.69E-14	3.18E-13	up
ARHGEF	1.64414	2.773	1.77E-36	4.64E-35	up
SLC29A2	1.64409	3.52139	1.09E-25	1.65E-24	up
RPS6KA1	1.6428	3.97872	1.58E-45	6.20E-44	up
F2RL1	1.63723	3.30486	8.35E-19	8.04E-18	up
SLC34A2	1.63134	5.38583	5.36E-07	1.89E-06	up
SYNE4	1.63106	3.1921	6.15E-27	1.00E-25	up
S100P	1.63052	2.02774	2.50E-07	9.10E-07	up
EFNA4	1.62619	4.43598	3.99E-31	8.13E-30	up
CCNA1	1.62528	3.21066	1.06E-06	3.62E-06	up
RCC2	1.62505	6.19721	1.20E-53	7.31E-52	up









AP2S1	1.42461	6.16378	5.98E-36	1.53E-34	up
MDK	1.42299	8.3894	5.51E-12	3.16E-11	up
ATP5J2	1.42154	5.8705	1.17E-36	3.12E-35	up
SCX	1.42099	2.79718	1.27E-08	5.30E-08	up
FUT2	1.42026	2.68606	7.13E-12	4.04E-11	up
RGL3	1.41787	3.6246	3.01E-15	2.25E-14	up
CXADR	1.41573	3.55095	6.20E-19	6.03E-18	up
SLC4A11	1.415	2.29508	8.96E-12	5.03E-11	up
MAD2L1	1.41494	2.34274	8.24E-21	9.26E-20	up
HOXB13	1.41445	1.36038	6.66E-11	3.47E-10	up
FANCI	1.41368	2.46612	8.99E-31	1.80E-29	up
CXCL1	1.41355	2.66971	5.53E-05	0.00015	up
REEP4	1.41231	4.27577	2.63E-32	5.64E-31	up
HIST3H2	1.41023	4.23728	1.34E-12	8.08E-12	up
COMTD1	1.40754	3.52525	9.42E-18	8.45E-17	up
EXOSC4	1.4063	5.02198	4.56E-25	6.59E-24	up
CCL18	1.40275	1.7789	2.30E-07	8.41E-07	up
HIST1H2	1.40275	1.57668	5.14E-15	3.76E-14	up
ST6GAL1	1.40117	3.37979	6.47E-07	2.26E-06	up
GIPC1	1.40081	5.60816	5.45E-34	1.25E-32	up
TXNDC1	1.39979	3.84642	1.38E-40	4.30E-39	up
HOXB6	1.3971	4.28826	7.33E-06	2.27E-05	up
PTPN6	1.39674	3.76487	2.68E-34	6.31E-33	up
DEFB1	1.39672	4.43137	0.0011	0.00251	up
NEK6	1.39501	3.76562	3.51E-27	5.82E-26	up
DSG2	1.39442	4.17867	1.26E-16	1.05E-15	up
OVOL2	1.3941	2.88724	1.69E-21	1.98E-20	up
AGR2	1.39049	4.36272	0.0003	0.00075	up
CENPW	1.38997	4.67357	1.99E-13	1.28E-12	up
CDC42B1	1.38971	2.60209	2.15E-30	4.21E-29	up
KCNH3	1.38962	2.48684	5.81E-08	2.27E-07	up
LAMC2	1.38943	4.39495	2.62E-09	1.19E-08	up
ENC1	1.3894	3.64973	3.31E-13	2.09E-12	up
FAM195A	1.38802	3.28533	3.72E-24	5.10E-23	up
PPP1CA	1.38744	6.379	4.37E-46	1.77E-44	up
IDH1	1.38713	4.8358	2.24E-16	1.83E-15	up
SLC2A6	1.38546	2.24549	2.88E-22	3.54E-21	up
MMP15	1.38508	4.35658	5.92E-22	7.15E-21	up
RIPPLY3	1.38083	1.52841	1.27E-10	6.40E-10	up
B4GALT1	1.37551	6.36778	1.20E-10	6.11E-10	up
GJB2	1.3748	2.86916	7.77E-07	2.69E-06	up
BOP1	1.37424	4.76233	9.99E-26	1.52E-24	up
SAT1	1.37353	7.88023	9.95E-12	5.57E-11	up
DNAJC22	1.37266	2.40934	6.46E-12	3.67E-11	up
SCNN1B	1.37039	2.19162	7.01E-06	2.17E-05	up













PCCB	1.17159	3.07682	4.92E-28	8.52E-27	up
SCGB2A2	1.17067	1.41933	0.00071	0.00168	up
KAZALD	1.16993	3.0063	3.68E-08	1.46E-07	up
BCL2L12	1.1691	3.63613	4.24E-24	5.81E-23	up
VDR	1.16859	2.05038	1.55E-16	1.28E-15	up
NCCRP1	1.16839	1.38803	7.98E-07	2.75E-06	up
RAB20	1.16838	4.24818	8.16E-18	7.34E-17	up
UBALD2	1.16817	5.34899	4.68E-21	5.34E-20	up
GSTP1	1.16762	8.84315	1.40E-17	1.24E-16	up
PSMB3	1.16676	7.10195	1.32E-21	1.56E-20	up
PRKCD	1.16665	4.52605	3.93E-18	3.63E-17	up
YIF1B	1.1643	4.19158	1.19E-27	2.03E-26	up
NOXA1	1.16256	4.52254	2.87E-09	1.29E-08	up
MANF	1.16212	5.54177	1.27E-19	1.31E-18	up
LRG1	1.16162	3.47891	1.69E-05	4.99E-05	up
TOMM40	1.16073	4.67209	1.55E-26	2.46E-25	up
TGFA	1.16064	2.20862	4.45E-09	1.96E-08	up
BRI3BP	1.15974	2.57349	4.37E-22	5.33E-21	up
PAQR6	1.15839	1.87438	8.78E-14	5.84E-13	up
YDJC	1.15746	4.61937	1.43E-22	1.80E-21	up
AIFM1	1.15712	4.98507	1.04E-17	9.28E-17	up
HOXB7	1.15711	4.47218	4.66E-06	1.48E-05	up
SNRPF	1.15689	4.8031	9.54E-27	1.54E-25	up
THEM6	1.15671	4.21917	5.13E-16	4.07E-15	up
TMEM10	1.1557	2.89938	1.83E-21	2.14E-20	up
TSPAN13	1.15447	5.13714	1.87E-10	9.31E-10	up
SLC25A1	1.15333	2.04092	1.11E-50	5.93E-49	up
PYCRL	1.15276	3.51763	1.62E-21	1.90E-20	up
PLEKHG	1.15197	1.72421	6.29E-18	5.72E-17	up
SLC19A1	1.15137	2.34082	2.22E-33	4.99E-32	up
IL1RN	1.15115	1.74617	1.23E-09	5.71E-09	up
CHCHD1	1.1493	5.0439	1.02E-11	5.70E-11	up
FAAH	1.14913	3.78922	5.45E-14	3.67E-13	up
PSME2	1.14906	5.68666	1.62E-16	1.34E-15	up
RAB17	1.14878	2.84277	1.41E-15	1.08E-14	up
GDA	1.14736	1.96299	8.63E-06	2.64E-05	up
TMEM97	1.1435	3.93373	1.52E-15	1.16E-14	up
NFE2L3	1.14159	2.77892	8.32E-10	3.93E-09	up
USP18	1.14067	2.2934	5.15E-12	2.96E-11	up
CEACAM	1.13845	1.51903	5.93E-05	0.00016	up
DNMT1	1.13843	3.66265	1.70E-18	1.61E-17	up
SEMA4A	1.1381	2.60371	1.04E-15	8.04E-15	up
AKR1B1C	1.13661	1.26492	0.00013	0.00034	up
CTB-55O	1.13601	2.45758	5.54E-12	3.17E-11	up
HKDC1	1.13533	2.26062	8.40E-07	2.90E-06	up











CYP2D6	1.00048	1.43356	1.82E-10	9.04E-10	up
MPDU1	1.00034	4.45026	7.55E-22	9.07E-21	up















































































