

Table S1 Common differentially expressed genes between LUAD and normal tissues

Dataset A		Dataset B		Dataset C		Dataset D		
Downregulated genes								
Gene symbol	logFC	FDR	logFC	FDR	logFC	FDR	logFC	FDR
AGER	-3.8444	5.45E-51	-3.9622	4.31E-29	-3.2576	7.28E-07	-5.0022	3.22E-154
WIF1	-3.8170	1.68E-40	-3.7968	1.02E-14	-2.2089	6.34E-03	-2.2465	2.29E-14
FABP4	-3.8062	3.79E-54	-2.5676	3.43E-19	-1.4951	1.12E-02	-4.8718	7.03E-153
SFTPC	-3.7846	8.10E-26	-3.1933	6.71E-11	-2.7964	5.01E-04	-4.7077	9.03E-69
FCN3	-3.6158	1.00E-46	-3.4480	4.02E-20	-3.8986	9.14E-07	-4.4931	3.91E-172
TMEM100	-3.5293	1.35E-41	-3.6015	7.46E-18	-3.9073	6.85E-09	-4.3314	6.70E-141
TNNC1	-3.0321	8.32E-47	-3.1223	6.27E-27	-1.9607	7.93E-06	-3.5389	6.20E-115
ABCA8	-2.9376	7.81E-50	-2.8246	2.07E-16	-1.3704	2.67E-05	-2.8318	1.23E-71
SCGB1A1	-2.9148	5.00E-15	-3.4212	5.29E-10	-2.2673	3.08E-02	-3.2118	9.95E-26
ADH1B	-2.8941	4.33E-40	-3.0027	3.90E-15	-1.6114	9.48E-06	-3.2592	7.56E-59
FAM107A	-2.7416	2.51E-49	-3.0901	3.66E-25	-2.9661	9.38E-05	-4.5126	2.88E-206
TCF21	-2.6176	5.06E-52	-2.1640	5.41E-21	-1.8372	6.65E-03	-3.0921	1.77E-94
CDH5	-2.5828	1.01E-51	-2.2366	7.80E-24	-2.2076	2.85E-08	-2.5234	4.06E-148
GPM6A	-2.5467	3.40E-47	-3.9236	2.82E-28	-2.5505	3.51E-08	-4.4338	9.26E-122
EDNRB	-2.5449	9.55E-50	-2.9911	4.45E-22	-2.6127	6.85E-09	-3.4758	1.75E-177
GRK5	-2.4935	2.23E-57	-1.8852	2.82E-13	-2.0877	2.73E-08	-2.4636	2.62E-128
TEK	-2.4787	1.72E-52	-2.6268	3.02E-24	-2.6799	2.85E-08	-3.2279	6.82E-191
CLDN18	-2.4480	9.25E-32	-3.2886	9.02E-14	-2.2100	1.33E-03	-3.5131	2.38E-38
RGCC	-2.4246	1.67E-43	-1.6647	1.12E-12	-1.6059	5.67E-03	-2.8528	7.54E-189
FHL1	-2.4037	9.69E-43	-2.5837	3.97E-16	-1.2456	3.54E-04	-3.3965	1.22E-146
CD36	-2.3753	1.52E-41	-2.9052	1.76E-16	-2.2247	2.31E-03	-2.8794	8.84E-74
FMO2	-2.3749	1.86E-30	-2.5237	3.92E-18	-1.9022	1.34E-03	-3.2547	2.86E-142
CA4	-2.3105	9.10E-46	-3.2181	2.02E-31	-3.5226	3.35E-08	-4.3314	2.42E-104
FOXF1	-2.2813	1.33E-51	-2.0468	7.51E-21	-1.9097	9.63E-04	-2.7216	4.46E-140
LPL	-2.2736	2.40E-31	-1.8145	1.28E-12	-1.2602	2.39E-02	-2.0503	9.10E-27
CFD	-2.2732	6.41E-37	-2.1825	5.18E-19	-1.3702	1.88E-02	-2.3246	5.47E-55
TGFBR3	-2.2710	4.24E-42	-2.1643	1.94E-16	-2.0791	1.06E-08	-2.5536	6.25E-89
SOSTDC1	-2.2483	3.33E-36	-3.4202	5.93E-18	-2.4325	1.52E-06	-3.6943	2.86E-56
LDB2	-2.2329	2.04E-45	-2.1822	3.70E-21	-1.9013	1.88E-09	-2.5873	8.98E-170
VWF	-2.1993	5.18E-36	-1.8543	4.02E-20	-1.6738	1.66E-07	-2.2975	1.24E-79
CAV2	-2.1706	1.36E-21	-2.1045	2.90E-12	-1.7610	1.53E-07	-2.3153	1.51E-70
LAMP3	-2.1667	6.59E-29	-1.9375	9.06E-18	-1.3694	1.59E-02	-2.7491	6.44E-78
ZBTB16	-2.1371	1.28E-32	-2.2099	2.83E-09	-1.7549	2.22E-03	-2.1582	9.28E-23
PDZD2	-2.1359	2.32E-37	-1.9473	1.42E-14	-1.6488	3.74E-03	-2.2168	4.98E-55
SPOCK2	-2.1261	6.00E-46	-1.9303	9.55E-26	-1.5945	6.40E-07	-3.1714	1.01E-150

GPX3	-2.1239	2.25E-38	-1.6896	1.70E-13	-1.8736	1.38E-04	-2.2347	2.38E-57
EPAS1	-2.0935	3.76E-48	-1.7414	1.38E-06	-2.0683	3.76E-03	-2.6835	1.60E-197
ADAMTSL3	-2.0875	3.96E-47	-2.1674	4.91E-19	-1.5823	1.08E-03	-2.2828	2.56E-59
MFAP4	-2.0713	4.16E-35	-2.0575	6.61E-17	-1.6701	3.86E-03	-2.6261	1.73E-74
EMP2	-2.0621	3.99E-47	-1.8399	9.91E-18	-1.6546	7.72E-07	-2.7098	4.00E-179
KLF4	-2.0604	2.81E-29	-2.3419	3.36E-15	-1.4927	3.75E-03	-2.2496	7.14E-59
VIPR1	-2.0389	4.11E-37	-1.9417	2.10E-15	-2.6302	7.84E-10	-3.2094	3.43E-127
ABCA3	-2.0249	5.24E-23	-1.3281	2.27E-11	-1.1736	6.38E-03	-2.0882	1.50E-35
CLIC3	-2.0127	2.84E-30	-1.9037	2.47E-16	-1.2080	1.10E-04	-1.7704	1.04E-23
RAMP3	-2.0118	1.71E-38	-2.0534	1.66E-21	-2.8286	7.72E-08	-3.1995	5.78E-185
ARHGAP6	-2.0052	2.46E-45	-2.1243	3.13E-20	-1.5620	9.94E-03	-2.3486	4.34E-108
AOC3	-1.9877	1.80E-44	-2.0015	1.06E-16	-1.5528	2.45E-05	-2.6269	2.38E-108
CPB2	-1.9793	7.60E-25	-2.8312	1.32E-12	-1.4225	4.46E-02	-2.6862	3.61E-22
ADARB1	-1.9274	3.50E-41	-1.7600	1.91E-19	-1.4433	3.40E-06	-1.7456	3.48E-88
KCNK3	-1.9217	5.27E-44	-2.3472	4.24E-20	-2.3076	1.03E-05	-2.1671	1.14E-28
GIMAP6	-1.9154	8.16E-34	-1.9864	1.40E-17	-1.7776	1.18E-06	-2.0685	2.62E-91
TSPAN7	-1.9145	9.67E-34	-1.9762	5.22E-15	-1.5175	1.40E-04	-1.7262	1.61E-19
PIP5K1B	-1.8765	5.06E-41	-2.1345	1.65E-16	-1.0758	5.00E-02	-2.2196	1.44E-50
KLF2	-1.8703	1.71E-38	-1.7166	4.00E-17	-1.2453	4.16E-03	-1.7135	2.03E-38
TIE1	-1.8613	1.23E-39	-1.8646	9.01E-22	-1.7794	2.02E-08	-1.9433	5.29E-79
SLIT2	-1.8436	3.26E-39	-1.8779	3.45E-16	-1.5199	1.71E-04	-2.4709	7.07E-102
DOCK4	-1.8372	1.05E-30	-1.4940	3.12E-20	-1.2694	5.15E-07	-1.5397	1.59E-59
SLC1A1	-1.8302	5.21E-22	-1.8668	5.27E-11	-1.2880	5.21E-03	-2.1680	9.61E-49
RAMP2	-1.8250	1.01E-45	-1.7628	2.60E-18	-2.6198	2.92E-07	-2.8586	1.83E-166
CLDN5	-1.8040	5.90E-36	-2.1678	6.06E-23	-2.0099	1.69E-04	-2.6848	2.26E-80
RASIP1	-1.8037	2.46E-45	-2.0014	1.30E-28	-2.1561	2.23E-08	-2.2819	2.09E-101
EMCN	-1.7935	1.17E-42	-2.5049	3.43E-17	-1.7784	7.21E-05	-2.7228	1.43E-114
SLC6A4	-1.7909	1.87E-26	-2.9093	1.14E-17	-4.5929	7.01E-09	-6.1370	9.64E-174
ID4	-1.7826	1.93E-27	-1.4893	4.95E-09	-1.2347	2.37E-03	-1.8485	3.15E-34
GNG11	-1.7580	7.85E-30	-2.0623	2.82E-19	-1.6257	4.64E-03	-1.6999	2.00E-30
IL33	-1.7537	8.30E-29	-2.0729	1.04E-12	-1.5444	3.11E-05	-2.0778	4.94E-41
TNS1	-1.7522	3.33E-32	-1.4110	4.38E-15	-1.2280	8.95E-06	-2.1442	2.92E-101
ERG	-1.7476	5.85E-40	-1.4934	9.67E-14	-2.0968	1.26E-05	-2.1248	3.21E-115
SMAD6	-1.6911	1.31E-32	-1.5320	1.55E-14	-2.2655	4.45E-07	-2.5432	3.13E-135
THBD	-1.6693	1.50E-33	-1.9610	1.92E-16	-1.5950	2.70E-03	-2.4001	3.50E-88
LIMS2	-1.6658	3.71E-40	-1.2710	2.94E-22	-2.4718	3.13E-08	-2.7813	1.46E-156
TPPP3	-1.6608	7.43E-24	-1.3540	1.19E-07	-1.1281	1.33E-02	-2.1789	3.99E-33
FXYD1	-1.6478	1.75E-43	-1.6736	7.46E-18	-1.8399	7.03E-05	-2.9250	1.37E-108
SEMA3G	-1.6425	5.32E-33	-1.8907	2.13E-17	-3.2854	1.24E-07	-3.1883	3.90E-190

ADRB2	-1.6150	2.42E-38	-1.9791	6.43E-20	-1.4662	1.32E-04	-3.0541	1.69E-128
TMEM204	-1.6071	1.55E-37	-1.3468	1.63E-13	-1.6695	3.35E-05	-1.8901	3.24E-88
ACADL	-1.6069	8.90E-41	-2.0691	2.41E-18	-1.4745	3.65E-02	-3.1292	1.33E-66
ADAMTS8	-1.5858	1.21E-41	-2.0006	5.23E-22	-1.9515	2.56E-04	-3.5005	2.45E-94
ANXA3	-1.5754	1.37E-17	-1.7950	1.01E-10	-1.4992	2.27E-04	-1.8378	2.18E-41
TIMP3	-1.5723	5.46E-27	-1.2332	1.09E-07	-1.7297	9.38E-05	-1.8622	2.84E-36
LTBP4	-1.5609	1.52E-27	-1.2418	2.56E-08	-2.0453	2.34E-06	-2.1940	5.20E-86
FGFR4	-1.5546	4.68E-41	-1.4185	1.52E-14	-2.2916	1.39E-04	-2.4450	4.99E-51
DES	-1.5489	4.37E-25	-1.4835	6.11E-17	-1.6407	1.08E-02	-3.0340	9.73E-67
ITM2A	-1.5484	3.02E-32	-1.6888	3.30E-15	-1.3892	2.10E-07	-2.0161	1.33E-67
COX7A1	-1.5481	2.23E-31	-1.3992	7.92E-17	-1.4358	4.45E-07	-1.9077	1.36E-73
SLCO2A1	-1.5385	1.09E-28	-1.4355	8.94E-12	-2.4277	1.11E-07	-1.7594	1.43E-35
FBLN5	-1.5304	1.59E-32	-1.3842	9.82E-12	-1.0172	5.14E-03	-1.7611	6.07E-39
FXYD6	-1.5290	5.87E-39	-1.4602	3.75E-21	-1.5032	7.96E-05	-1.8907	6.55E-71
MYH11	-1.5174	2.53E-25	-1.1641	4.19E-07	-1.1979	9.51E-03	-1.8148	5.00E-30
PDLIM2	-1.5123	1.08E-34	-1.1699	2.90E-18	-1.5401	8.26E-04	-1.9171	4.78E-99
MYL9	-1.5097	2.46E-24	-1.2823	1.10E-11	-1.2067	6.31E-04	-1.6816	4.34E-53
HIGD1B	-1.5049	3.63E-42	-1.9334	5.10E-25	-2.0497	1.89E-04	-2.7685	1.49E-103
LRRN3	-1.5028	2.51E-28	-2.2179	3.86E-19	-1.7371	5.40E-03	-2.7996	1.33E-68
TBX2	-1.5001	1.78E-30	-1.2978	6.23E-14	-1.7219	1.12E-06	-1.8861	7.49E-62
TBX3	-1.4951	4.79E-31	-1.3848	1.96E-13	-1.9755	3.53E-05	-2.1108	1.26E-71
JAM2	-1.4844	7.69E-50	-1.9511	8.55E-20	-1.8270	7.72E-08	-2.4928	1.57E-150
CD93	-1.4564	1.46E-28	-1.6924	7.67E-17	-1.8429	6.54E-07	-2.1842	5.72E-103
FAM189A2	-1.4545	2.42E-39	-1.8299	4.32E-23	-1.5041	1.05E-03	-2.9072	5.40E-95
NEBL	-1.4529	1.24E-18	-1.6590	2.20E-10	-1.1505	8.11E-04	-1.6175	4.25E-42
GHR	-1.4503	5.31E-33	-1.8830	2.24E-15	-1.5769	5.72E-04	-2.0160	2.21E-45
FEZ1	-1.4490	1.93E-32	-1.6379	5.44E-15	-1.3299	3.40E-05	-2.1345	1.41E-95
STXBP6	-1.4350	1.56E-46	-2.6371	1.02E-19	-2.9172	2.99E-11	-3.3623	3.84E-103
TMEM47	-1.4317	2.40E-18	-1.4365	1.25E-12	-1.3715	1.49E-04	-1.7287	2.81E-55
ANGPT1	-1.4312	3.47E-28	-1.7148	2.06E-12	-1.0479	4.60E-03	-2.2693	4.46E-59
AHNAK	-1.4242	2.58E-37	-1.2672	4.95E-18	-1.4954	3.39E-04	-1.8927	4.44E-54
CRYAB	-1.4062	1.40E-42	-1.6014	8.17E-18	-1.4855	1.93E-05	-1.9351	2.16E-45
HEG1	-1.4037	8.15E-34	-1.4723	1.34E-16	-1.8266	8.95E-06	-2.1042	2.33E-94
RAI2	-1.4020	1.21E-40	-1.4537	1.55E-15	-1.0908	4.31E-04	-2.1032	2.26E-79
CDO1	-1.4000	3.30E-37	-2.3408	9.18E-18	-1.5647	7.10E-03	-2.6730	2.40E-79
HBEGF	-1.3930	9.40E-27	-1.9492	3.93E-16	-1.2315	4.22E-02	-2.5389	9.79E-93
RASL12	-1.3819	3.44E-34	-1.1790	9.35E-16	-1.7632	1.69E-05	-1.5780	7.36E-50
HOXA5	-1.3774	1.87E-29	-1.4484	2.83E-12	-1.8618	9.87E-08	-1.5913	1.62E-40
GATA2	-1.3654	6.85E-29	-1.3671	3.90E-16	-1.5039	1.75E-04	-1.8432	1.66E-54

C1orf115	-1.3629	1.72E-32	-1.2843	2.01E-14	-1.7863	1.40E-05	-1.5702	5.00E-33
PALMD	-1.3621	4.07E-34	-1.3744	3.63E-09	-1.6857	5.58E-05	-2.0263	8.59E-70
TAL1	-1.3581	3.17E-39	-2.2372	2.62E-25	-1.9748	1.87E-06	-2.7747	8.89E-145
HYAL1	-1.3568	1.41E-31	-1.6568	4.15E-14	-2.1776	2.70E-05	-1.8657	3.30E-26
WFDC1	-1.3550	2.42E-35	-1.0143	7.92E-07	-1.3570	1.75E-02	-1.8384	2.94E-39
SYNE3	-1.3341	1.52E-34	-1.4494	2.53E-16	-1.0657	1.41E-04	-1.7092	1.22E-51
SEMA6A	-1.3278	9.00E-21	-1.6010	4.60E-12	-2.3603	1.33E-10	-2.5439	1.49E-95
SEMA5A	-1.3200	1.03E-30	-1.5949	8.43E-19	-1.9359	2.09E-05	-2.5148	6.65E-77
PTPRB	-1.3143	3.05E-36	-2.1648	7.02E-21	-1.9385	1.05E-05	-2.5855	1.33E-119
LMOD1	-1.3066	6.26E-31	-1.0174	1.66E-08	-1.3153	1.51E-02	-1.8055	3.82E-48
SYNM	-1.3014	1.04E-37	-1.7585	5.82E-18	-1.5378	2.88E-04	-1.8172	4.06E-76
CALCRL	-1.3001	2.60E-22	-2.0359	2.49E-09	-2.2940	1.28E-04	-2.7443	8.75E-150
KANK3	-1.2846	7.07E-31	-2.0400	5.43E-30	-2.3454	1.15E-06	-2.8152	8.32E-145
SASH1	-1.2749	2.18E-41	-1.4206	4.38E-18	-1.6155	2.34E-08	-1.8352	2.13E-102
S1PR1	-1.2691	1.09E-40	-2.0206	1.38E-22	-2.0551	8.06E-06	-2.8252	4.29E-189
MME	-1.2621	3.70E-27	-2.3382	1.20E-18	-1.6259	1.31E-04	-2.4578	5.60E-42
WFS1	-1.2603	4.23E-29	-1.1551	6.98E-19	-1.5367	1.84E-05	-1.6930	1.75E-73
LMCD1	-1.2579	5.45E-29	-1.1033	1.87E-13	-1.4161	3.59E-04	-1.7207	8.72E-84
BMP2	-1.2576	1.13E-17	-1.7847	2.42E-13	-1.2725	6.92E-03	-1.7367	9.65E-28
CBX7	-1.2512	5.07E-31	-1.1120	1.35E-14	-1.0354	3.67E-02	-1.6318	2.89E-65
SPTBN1	-1.2511	6.33E-24	-1.6536	2.06E-09	-1.5544	6.94E-06	-1.7150	1.41E-95
EML1	-1.2483	1.09E-35	-1.4229	2.20E-12	-1.3991	4.63E-06	-1.6725	2.98E-51
SVEP1	-1.2435	4.85E-41	-1.5459	5.81E-17	-1.5154	2.83E-04	-2.0623	1.32E-45
LYVE1	-1.2233	1.24E-24	-2.4360	1.36E-17	-2.3211	1.54E-05	-3.1753	1.97E-125
DACH1	-1.2215	4.54E-29	-1.7850	1.79E-11	-2.0652	2.34E-06	-2.4620	5.04E-62
STARD13	-1.2214	3.41E-49	-1.3934	2.13E-22	-1.2508	2.66E-05	-1.9903	7.93E-118
EDN1	-1.2119	9.37E-19	-1.8051	2.97E-15	-2.4233	4.45E-07	-1.9939	3.23E-44
MMRN2	-1.2026	6.61E-43	-1.8869	4.45E-20	-1.8901	7.42E-06	-2.1034	2.17E-108
PPP1R15A	-1.1956	2.30E-25	-1.6415	4.04E-18	-1.2486	1.15E-02	-1.8335	2.44E-86
DNASE1L3	-1.1901	3.52E-30	-1.9068	8.88E-19	-1.1285	3.85E-02	-3.4615	3.80E-89
CRTAC1	-1.1895	5.96E-28	-1.5567	2.12E-18	-1.7903	7.58E-03	-2.5750	5.09E-37
DENND3	-1.1840	6.12E-37	-1.4187	9.52E-24	-1.1360	3.15E-03	-1.7238	7.77E-90
FGR	-1.1684	1.25E-33	-1.4706	3.68E-14	-1.4275	3.09E-03	-2.0834	1.17E-72
NPR3	-1.1673	1.21E-26	-1.1950	1.27E-09	-1.7206	2.88E-06	-1.7749	2.58E-36
NRN1	-1.1672	1.69E-23	-1.8466	8.90E-16	-2.0858	3.43E-03	-1.6692	4.06E-26
GDF10	-1.1554	2.18E-32	-1.9878	9.01E-19	-2.1033	1.73E-05	-3.1725	7.40E-69
OLFML1	-1.1419	1.75E-28	-1.3535	1.51E-12	-1.0253	9.06E-03	-1.6170	5.22E-48
KL	-1.1122	5.76E-30	-2.2987	2.82E-24	-2.0117	3.83E-05	-2.3051	2.19E-41
PDK4	-1.1117	3.07E-18	-1.8544	1.06E-06	-1.8622	4.63E-04	-2.3871	2.32E-53

FLI1	-1.1099	1.70E-25	-1.4418	5.20E-08	-1.3002	3.55E-05	-1.6605	1.25E-68
FHL5	-1.0991	5.33E-29	-1.6809	2.63E-14	-1.3805	3.23E-02	-2.7510	7.41E-92
WISP2	-1.0917	7.76E-27	-1.6429	3.57E-15	-1.4508	3.62E-02	-2.1541	6.13E-53
PPBP	-1.0355	1.76E-14	-2.4646	2.52E-11	-1.6701	1.28E-02	-1.9913	6.49E-13
F8	-1.0240	2.40E-18	-1.1158	9.55E-11	-1.2611	2.48E-03	-1.7817	3.01E-79
GFOD1	-1.0237	3.36E-37	-1.2015	2.83E-15	-1.5849	1.65E-06	-1.7722	1.95E-59
SYNC	-1.0094	2.84E-26	-1.0556	2.14E-08	-1.0851	3.83E-04	-1.7935	2.53E-57
SLIT3	-1.0068	1.89E-34	-1.1360	2.59E-14	-1.5250	1.54E-03	-2.4044	1.47E-62
NOTCH4	-1.0024	1.57E-32	-1.1662	2.69E-19	-1.2491	8.19E-04	-1.7949	2.15E-79
Upregulated genes								
SEZ6L2	1.0038	3.05E-19	1.3063	3.67E-13	1.5580	1.95E-03	1.7432	5.57E-18
ADAM28	1.0093	1.08E-16	1.3264	5.10E-09	1.5199	1.05E-03	2.3065	9.75E-29
CFB	1.0325	1.88E-11	1.1985	4.34E-08	1.1022	2.94E-02	1.9102	1.63E-19
KIF20A	1.0675	9.39E-27	1.6868	2.21E-15	1.4340	4.13E-03	3.1779	2.17E-57
PYCR1	1.0836	2.60E-34	1.2966	2.01E-26	2.7820	4.05E-07	3.7387	9.68E-93
STK39	1.0911	3.60E-22	1.3270	3.65E-18	1.3141	1.67E-03	1.5651	1.91E-33
KIF4A	1.0923	2.70E-21	1.5299	9.37E-13	1.2620	1.92E-02	3.8625	2.49E-60
EFNA4	1.0984	4.19E-26	1.5895	1.24E-26	1.0943	4.87E-04	2.2121	9.14E-56
TTK	1.1003	6.50E-16	1.6777	1.02E-11	1.5168	1.31E-02	3.3187	8.69E-48
CCNB2	1.1066	2.28E-26	1.6039	1.03E-14	1.5838	7.65E-03	3.0721	1.98E-50
CST1	1.1102	2.66E-13	2.9931	4.96E-20	2.3222	6.95E-03	6.4251	4.33E-28
CEACAM1	1.1290	7.28E-18	1.2744	7.37E-11	1.2071	1.90E-02	2.0955	2.63E-30
MCM4	1.1349	2.40E-24	1.1196	2.00E-11	1.0843	2.74E-03	2.2424	9.38E-45
TFAP2A	1.1374	3.55E-25	1.7865	1.25E-16	1.7455	2.18E-03	3.7815	8.17E-41
HIST1H2BD	1.1847	7.39E-23	1.2973	6.38E-14	1.0538	1.31E-03	2.6540	6.74E-44
WFDC2	1.1919	1.28E-15	1.5457	1.76E-11	1.9302	2.91E-05	1.7812	4.48E-15
GCNT3	1.1922	3.76E-17	2.4795	4.71E-22	2.8803	3.00E-05	5.1818	8.67E-38
PCP4	1.1932	1.73E-09	1.3208	5.88E-10	1.5840	2.27E-02	5.3832	1.16E-22
LGR4	1.2119	7.12E-20	1.8269	1.42E-15	1.3338	1.27E-03	2.7421	2.89E-57
GGCT	1.2144	1.90E-28	1.1276	5.02E-19	1.5185	5.28E-03	1.7107	9.51E-42
NQO1	1.2226	7.86E-13	1.6163	1.23E-10	1.7574	3.48E-03	3.0528	2.05E-26
POU2AF1	1.2343	9.04E-11	1.3831	1.35E-05	1.6838	5.43E-03	1.5882	1.21E-11
GINS1	1.2369	3.27E-23	1.9797	3.32E-16	1.0215	2.76E-02	3.0641	2.91E-54
SOX4	1.2400	5.78E-17	1.0756	4.04E-10	1.3378	8.25E-05	1.6947	3.58E-41
CDKN3	1.2526	9.66E-23	1.4807	1.61E-09	1.3014	6.40E-03	2.9020	1.82E-37
FAP	1.2617	6.41E-23	1.3193	3.04E-09	1.7328	4.83E-03	2.2860	8.14E-29
MMP7	1.2730	1.08E-09	1.5594	2.51E-09	2.7808	3.44E-05	2.0650	5.88E-11
BIRC5	1.2769	1.60E-24	1.6592	5.41E-14	1.7303	1.26E-03	3.7060	2.14E-51
SCG5	1.2939	2.98E-16	1.7923	1.01E-12	2.3604	2.53E-04	2.8634	7.66E-22

BUB1B	1.2968	8.01E-21	1.7724	6.40E-15	1.3244	3.15E-03	3.4249	1.09E-57
CENPF	1.3275	9.95E-28	1.6079	2.02E-14	1.1474	4.01E-02	3.5178	3.54E-57
UBE2C	1.3383	1.59E-23	1.5025	1.02E-14	2.2514	1.64E-04	4.2134	3.74E-51
SPAG4	1.3464	2.05E-28	1.5128	3.51E-16	1.3031	2.37E-03	2.9310	2.52E-55
ASPM	1.3567	7.94E-21	1.7373	1.90E-11	1.5912	4.35E-03	3.7454	5.82E-58
ABCC3	1.3676	3.89E-22	1.9165	1.23E-19	3.7939	7.01E-09	2.5686	1.13E-37
FHL2	1.3773	8.85E-21	1.1282	6.02E-10	1.1470	3.01E-02	2.3715	1.79E-31
MELK	1.3848	4.00E-26	1.6181	1.68E-13	1.3751	7.32E-03	3.6428	2.79E-54
TMPRSS4	1.4022	4.06E-23	2.3343	6.15E-17	3.0014	1.51E-03	4.8662	1.01E-50
KDEL3	1.4260	4.35E-29	1.5138	5.90E-10	1.9847	9.26E-04	2.2640	3.67E-45
TYMS	1.4283	3.44E-26	1.2915	1.53E-09	1.3270	6.86E-04	1.9141	1.18E-33
PLAU	1.4334	1.49E-18	1.1748	4.68E-06	1.0410	2.60E-03	2.6278	1.96E-23
COMP	1.4429	4.84E-17	2.2071	1.20E-16	3.1326	1.16E-04	2.9036	1.47E-18
CLDN3	1.4659	5.75E-16	1.2554	5.35E-06	1.3909	6.41E-04	2.0366	2.72E-19
CEP55	1.4765	1.79E-24	1.6537	1.21E-11	1.3728	1.97E-02	3.2811	3.92E-52
CCNB1	1.5143	2.88E-26	1.6916	1.22E-13	1.2897	3.83E-02	3.0044	1.62E-51
NUSAP1	1.5450	2.59E-26	1.6575	7.05E-15	1.3209	4.65E-05	2.5885	9.57E-50
AGR2	1.5659	2.54E-16	1.5323	2.78E-10	1.4561	2.61E-04	2.5210	1.74E-21
MMP11	1.5685	4.03E-24	1.9084	1.78E-12	3.8948	2.97E-05	5.2868	3.37E-40
EEF1A2	1.5775	2.53E-11	1.0665	7.81E-09	2.6139	2.16E-02	6.4058	1.72E-32
CDC20	1.5963	1.07E-25	1.7909	5.43E-16	1.4324	4.63E-03	3.8012	3.85E-55
ZWINT	1.6136	5.30E-26	1.7234	4.45E-17	1.2090	3.52E-03	2.6304	3.31E-50
PAICS	1.6138	6.59E-28	1.0819	5.95E-10	1.4550	1.09E-02	1.8888	2.05E-56
RRM2	1.6685	1.10E-24	1.8951	4.81E-13	1.6335	1.76E-02	3.2518	2.66E-49
CXCL14	1.6739	4.82E-11	2.3815	1.29E-11	3.9149	6.27E-07	4.3460	4.96E-21
MDK	1.7047	1.14E-25	1.5213	9.21E-17	1.3220	1.13E-03	3.1053	5.08E-45
SULF1	1.8238	1.43E-25	1.7825	1.19E-12	1.0872	5.97E-03	2.5712	3.69E-28
CDH3	1.8564	2.93E-25	1.9601	4.93E-20	2.0971	7.48E-05	2.8316	2.37E-25
GOLM1	1.8824	7.93E-36	2.0275	8.61E-29	1.8870	4.45E-07	2.6754	4.03E-65
PHLDA2	1.8869	2.12E-23	1.3272	3.56E-09	1.6076	6.00E-03	2.3474	2.48E-29
COL3A1	1.9063	1.47E-23	1.6769	1.39E-08	2.0036	2.91E-04	2.5442	4.01E-28
CRABP2	1.9241	6.79E-21	2.2782	7.71E-19	3.5651	1.85E-03	5.6208	4.21E-46
S100A2	1.9834	3.22E-13	1.6623	1.15E-07	1.8512	1.88E-02	3.4334	5.58E-19
CXCL13	2.0106	1.45E-19	2.1801	5.68E-07	4.2700	1.46E-08	1.5935	2.01E-07
THBS2	2.0411	4.81E-32	2.0762	4.27E-16	1.8395	1.71E-02	2.9345	6.62E-34
HMGB3	2.1441	1.80E-36	1.7898	3.38E-13	1.9850	5.23E-04	3.5250	6.97E-48
COL10A1	2.1468	6.05E-25	4.0395	1.26E-28	4.5413	9.01E-08	4.6252	4.87E-49
TOX3	2.1682	2.45E-22	3.0304	3.81E-19	2.6698	2.73E-08	2.8334	9.55E-22
TOP2A	2.2002	5.75E-24	2.4362	4.20E-16	2.2716	4.10E-05	3.8957	1.20E-64

CEACAM5	2.2646	1.68E-16	2.5719	5.14E-09	4.1201	2.33E-04	4.8091	1.19E-24
CP	2.2818	3.81E-26	2.0302	5.39E-09	2.4378	1.25E-04	3.5289	4.95E-31
GREM1	2.2973	2.34E-25	2.8956	2.21E-12	1.8071	3.50E-02	5.0498	6.17E-45
COL1A1	2.4144	6.28E-28	2.2199	1.11E-15	1.9588	8.12E-04	2.9219	1.00E-29
SPINK1	2.9278	8.61E-18	3.3555	1.43E-11	4.1116	1.50E-03	6.6324	3.04E-28
SPP1	4.2631	3.48E-52	2.7686	3.08E-09	3.9294	1.17E-05	4.8132	6.07E-40