

id	baseMean	baseMeanA	baseMeanB	foldChange	log2FoldChange
DEFB4A	40.12592202	2.388342829	77.86350121	32.60147591	5.026865374
S100A7	310.8577865	17.06716445	604.6484086	35.42758437	5.146801193
DEFB4B	13.92443864	0.574209889	27.27466739	47.4994735	5.569839617
FLG	21.40742999	40.18729601	2.627563967	0.06538295	-3.934941717
KRT76	8.600349973	16.71020771	0.490492234	0.029352851	-5.090355561
CES1	9.660383778	18.36781446	0.952953092	0.051881681	-4.268630963
CCL19	11.84998391	1.619643804	22.08032401	13.63282714	3.769012871
ALOX12	101.6107694	186.2771075	16.94443134	0.090963573	-3.45856726
CYP4F35P	13.31744838	24.28438334	2.350513417	0.096791151	-3.368981032
ETNK2	25.88451428	47.10399538	4.66503319	0.09903689	-3.335890184
TUBB3	9.802023027	1.010701655	18.5933444	18.3964717	4.20135719
DPT	13.10894252	23.69376151	2.524123519	0.106531144	-3.230652836
KPRP	12.68057642	23.26990123	2.091251612	0.089869381	-3.47602653
CLEC3B	16.77293577	29.85829152	3.687580023	0.123502714	-3.017385355
ANKRD37	55.14817581	100.8559119	9.440439669	0.093603235	-3.417297792
CYP4F29P	22.09974993	39.2302844	4.969215452	0.126667842	-2.980877795
KRT3	46.56198492	82.43066969	10.69330015	0.129724776	-2.946474052
CRISP3	47.96509917	84.80899095	11.12120739	0.13113241	-2.930903794
PPP1R3C	50.11790617	89.58462414	10.65118821	0.118895271	-3.072236755
SOCS3	7.850826865	1.02940068	14.67225305	14.2531993	3.83321388
KRT16P2	25.30933893	6.520767867	44.09790999	6.762686679	2.757596514
KLK6	49.11906573	12.67536641	85.56276506	6.750318869	2.754955653
MFAP4	14.13918549	23.95184661	4.326524375	0.180634272	-2.468856452
CD177	6.239805141	0.53206647	11.94754381	22.45498351	4.488963757
CDH3	20.64667687	5.975958658	35.31739508	5.909912887	2.563136865
ANKRD20A5	6.083548213	11.44315828	0.723938146	0.063263841	-3.982475039
PSCA	36.97690958	63.83741208	10.11640709	0.158471447	-2.657705169
SFRP2	27.36961886	45.66673972	9.072497998	0.198667522	-2.331572057
DUSP5	32.63659972	55.26694413	10.00625531	0.181053168	-2.465514675
CLDN17	30.11304599	49.52880336	10.69728863	0.215981165	-2.211022592
ANKRD20A1	5.14097012	9.791448005	0.490492234	0.050093943	-4.319220028
H19	89.68581608	150.1706135	29.20101865	0.194452283	-2.362511921
CFD	30.8592681	50.37293392	11.34560228	0.225232112	-2.150515565
KRT17	544.8325546	126.6607719	963.0043372	7.603019646	2.926572519
ATP6V1C2	15.89006801	25.62583738	6.154298639	0.240159904	-2.057932791
EDN2	7.800105813	13.96698991	1.633221719	0.11693441	-3.096228568
TIMP1	46.8435058	17.05217742	76.63483418	4.494137746	2.168044344
CALML5	155.8499892	262.4127456	49.28723275	0.187823319	-2.412551907
CA3	3.855735139	7.505397834	0.206072445	0.027456565	-5.186705034
MAP1LC3A	21.66958413	34.82926733	8.50990093	0.244331896	-2.033085883
PLA2G4E	16.37047848	6.292757388	26.44819957	4.202958725	2.071405289
CAPN14	7.894225932	2.461292567	13.3271593	5.414699364	2.436881238
SLC16A1	5.674237075	1.010701655	10.33777249	10.22831262	3.354496256
CCL2	10.80691703	4.233956028	17.37987803	4.1048792	2.037339766
YOD1	8.221507378	13.85905543	2.583959329	0.186445558	-2.423173665
IGFL1	70.64922312	117.4089365	23.88950968	0.203472669	-2.297093074

ACER1	9.139090499	15.18815617	3.090024825	0.203449635	-2.297256405
SELE	4.50164524	0.513367445	8.489923035	16.53771215	4.047687759
CYBRD1	12.73446027	19.89837683	5.570543706	0.279949654	-1.836760698
RNASE7	13.16933518	20.54713886	5.791531505	0.281865594	-1.826920708
KRT31	8.499335651	14.22265522	2.776016086	0.195182689	-2.357102993
FSCN1	47.40503019	18.95130963	75.85875076	4.002823669	2.001018064
FOS	22.74799811	9.509507758	35.98648846	3.784264062	1.920012762
TIMP3	12.42710963	19.31554486	5.538674392	0.286746992	-1.802149742
GSTT1	11.42047189	18.2163352	4.624608581	0.253871513	-1.977829575
CPA4	13.73247085	21.38330851	6.081633197	0.2844103	-1.813954379
CRCT1	872.5664709	1504.649395	240.4835466	0.159826965	-2.645417261
WNK4	5.721300747	9.974063064	1.46853843	0.147235727	-2.763800305
CDC20	17.54983537	7.964621559	27.13504919	3.406947711	1.768479805
TCP11L2	11.67117661	18.19066574	5.151687487	0.283205	-1.820081359
MYZAP	16.19991816	25.09706141	7.302774908	0.290981274	-1.781001782
VSIG8	34.69505949	54.33097023	15.05914874	0.277174302	-1.851134591
LAMC2	7.835044749	2.611646434	13.05844306	5.000080751	2.321951395
MGP	16.76867559	25.77682669	7.760524496	0.301065938	-1.731848603
HSPA2	17.97519429	27.59652443	8.35386415	0.302714357	-1.723970994
RASGEF1B	7.624807252	12.64049719	2.609117313	0.20640939	-2.276419492
RNF223	12.39969216	19.40473109	5.39465324	0.278007112	-1.846806307
MAMDC2	15.85647202	23.89383467	7.819109368	0.327243805	-1.611562215
PADI1	56.47426386	88.45997818	24.48854954	0.276831965	-1.852917561
CKM	6.594337904	10.88270524	2.305970565	0.211893138	-2.238591226
SCNN1B	19.81979169	30.68507521	8.954508162	0.291819658	-1.776851022
SH3BGRL2	30.5463966	47.12390737	13.96888583	0.296428853	-1.754242214
LTBP4	20.90613437	31.59167207	10.22059666	0.323521865	-1.628064876
DCN	54.97628175	85.13533828	24.81722522	0.29150322	-1.778416277
SNCG	19.13811871	29.59662922	8.679608214	0.293263403	-1.769731048
FAM25BP	13.79692107	21.19962802	6.394214124	0.301619166	-1.729199989
ALOX12-AS	4.4534665	7.993153579	0.91377942	0.114320263	-3.128846953
CCL14	11.17448469	17.18863539	5.160333996	0.300217782	-1.735918663
KRT16P1	13.58071136	6.467873561	20.69354916	3.199436254	1.677817722
ADM	21.93238902	33.57482573	10.28995231	0.306478205	-1.706143615
AVPI1	14.94895718	22.93209068	6.965823667	0.30375877	-1.719002031
VSIG10	13.44369478	20.54708758	6.340301974	0.308574242	-1.696310456
TP53INP2	53.27017837	82.3757256	24.16463114	0.293346504	-1.769322295
KRT16P3	22.29032801	10.53737658	34.04327944	3.230716791	1.691854288
RND3	72.4945124	112.7684839	32.22054085	0.285722923	-1.80731131
CDC25B	17.30326783	8.401113326	26.20542233	3.119279709	1.641212926
C11orf96	9.769610128	15.15507555	4.384144702	0.289285572	-1.789433723
NPM3	12.21209622	6.047502757	18.37668969	3.038723657	1.603465481
IL18	80.27529355	125.2904672	35.26011994	0.281426997	-1.829167363
MXD1	71.09175975	110.6374797	31.54603979	0.285129776	-1.810309389
LCE3A	2.781757339	5.332284249	0.231230429	0.043364235	-4.52735052
CST6	31.57784604	48.12245045	15.03324163	0.312395597	-1.678553975
IGFBP6	134.1355245	210.2985023	57.97254668	0.275667901	-1.858996807

BEX4	26.04214607	39.71260805	12.37168408	0.311530385	-1.682555211
GPR68	5.083680851	1.27940068	8.887961023	6.946972251	2.796384335
RRM2	16.20701914	8.132414301	24.28162397	2.985782951	1.578109294
ITGA3	18.92003246	9.409149191	28.43091573	3.021624501	1.595324387
RFK	9.733830595	14.80868142	4.658979769	0.314611385	-1.668357217
SH3GL3	3.435479823	6.3944831	0.476476546	0.074513692	-3.746350636
SCARA5	3.26896648	6.061456413	0.476476546	0.078607601	-3.669187371
HPGD	8.448879457	13.36312686	3.534632057	0.264506361	-1.918625677
CCNB1	17.53179054	8.991356449	26.07222462	2.899698702	1.535903002
MUC21	102.2021619	159.1277383	45.27658547	0.284529812	-1.813348274
SERPINE1	5.059309057	1.334911544	8.783706571	6.579991469	2.718085714
BBOX1	12.43858062	18.43872312	6.438438124	0.34918026	-1.517956095
AGAP11	7.813198563	12.34365764	3.282739491	0.265945442	-1.910797782
ARPC1B	29.21929791	14.72734282	43.711253	2.968033916	1.569507578
ALOX12B	6.315765897	2.133011249	10.49852055	4.921924603	2.299222558
SPRR2F	141.2916477	62.3768873	220.2064081	3.530256439	1.819772985
ID4	12.51892705	18.53958017	6.498273934	0.350508149	-1.512480108
DEFB103A	5.870873142	1.853610569	9.888135716	5.334527048	2.415360369
DEFB103B	5.870873142	1.853610569	9.888135716	5.334527048	2.415360369
PPP1R1B	3.074978059	5.698637556	0.451318562	0.079197625	-3.658399017
LOR	3.231330428	5.969953139	0.492707717	0.082531254	-3.598915633
CA2	10.83441837	5.740731743	15.92810501	2.774577479	1.47226809
TNNI2	28.01104481	41.0466574	14.97543222	0.364839263	-1.4546671
PAMR1	2.583855729	4.93648103	0.231230429	0.046841146	-4.416079814
LGI3	4.109898686	7.287571297	0.932226074	0.127919994	-2.966686322
GYS2	4.05847893	7.147773597	0.969184264	0.135592468	-2.882651053
FAM25A	637.13595	1038.743586	235.5283139	0.226743459	-2.140867161
GADD45B	15.94532002	23.72277923	8.167860814	0.344304549	-1.538242851
ACTN1	26.71254035	13.60570717	39.81937353	2.926666952	1.54925858
SPRR2C	57.09311081	28.03273375	86.15348787	3.073317381	1.619796762
RNF222	13.23840884	19.35429932	7.122518356	0.368007037	-1.442194739
FCER1A	6.801739873	10.77870527	2.82477448	0.262069925	-1.931976295
HILPDA	23.18264189	35.44825221	10.91703158	0.307970941	-1.699133866
TNFRSF6B	4.238291083	1.03206647	7.444515696	7.213213404	2.850642107
SOD3	10.06626113	14.82950926	5.303012997	0.357598684	-1.483586667
CFH	11.21945645	16.26129415	6.177618745	0.379897116	-1.396319336
TMPRSS4	10.75852917	5.682555089	15.83450325	2.786511174	1.478459939
SOD2	24.43641355	12.95394766	35.91887943	2.772813382	1.471350523
IGFL2	4.30580366	7.431919645	1.179687674	0.158732566	-2.655329951
TIMP2	26.03470647	37.87688134	14.19253159	0.374701694	-1.416185596
PLK3	17.4183598	25.58243381	9.254285791	0.36174376	-1.466959965
PELI1	18.08086472	26.32303081	9.838698632	0.373767698	-1.419786201
GSTM2	7.795872137	11.87170191	3.720042365	0.313353754	-1.674135816
SPNS2	40.04400971	59.23971075	20.84830867	0.351931304	-1.506634248
HBP1	24.08922466	35.24972586	12.92872346	0.366775149	-1.447032203
ZNF431	10.20105128	15.00073798	5.40136457	0.360073256	-1.473637645
HS3ST6	5.487083668	9.047599013	1.926568322	0.21293697	-2.231501642

MAFF	12. 18295789	17. 80552568	6. 560390107	0. 368446865	-1. 440471518
ZNF426	9. 52280065	14. 0815396	4. 964061696	0. 352522653	-1. 504212128
SIK1	13. 63340084	19. 71590726	7. 550894417	0. 382984882	-1. 384640651
IL36G	5. 429614661	1. 999364556	8. 859864766	4. 431340317	2. 147743127
TXNDC5	16. 31739823	8. 98602487	23. 64877159	2. 631727814	1. 396010286
NNMT	4. 422304801	1. 27673489	7. 567874711	5. 927522439	2. 567429219
TSC22D2	9. 885257563	14. 62775445	5. 142760673	0. 35157554	-1. 508093392
TTC9	16. 24319575	23. 47204753	9. 014343972	0. 384045915	-1. 380649291
TNNT3	3. 14711696	5. 611684929	0. 682548991	0. 121629956	-3. 039429504
ADH1B	8. 375718479	12. 60295365	4. 148483307	0. 329167544	-1. 603106
ELF3	61. 09026118	91. 31316729	30. 86735507	0. 338038379	-1. 564741043
ODC1	15. 31660768	8. 406483401	22. 22673197	2. 643998793	1. 402721518
DYNAP	4. 079550393	1. 010701655	7. 14839913	7. 072709432	2. 822262992
FBX034	14. 70089344	21. 21260603	8. 18918086	0. 38605256	-1. 373130815
CTSL	7. 837303904	3. 643712904	12. 0308949	3. 301822954	1. 723262764
DIO2	36. 23501685	19. 95669897	52. 51333472	2. 631363774	1. 395810708
FAM25G	8. 818872562	13. 12721747	4. 510527651	0. 343601198	-1. 541193028
CCL18	2. 548735535	0. 24733421	4. 850136861	19. 60964826	4. 293491753
SLC04A1	13. 00734972	18. 65651969	7. 358179751	0. 394402594	-1. 342259056
IER3	11. 26095567	16. 40996641	6. 111944937	0. 372453227	-1. 424868835
SLC24A3	9. 711712774	14. 2414912	5. 181934346	0. 363861781	-1. 458537574
GATSL3	12. 77190422	18. 62667829	6. 917130153	0. 371356076	-1. 429124912
RPS4Y1	38. 80945492	24. 63995154	52. 97895829	2. 150124289	1. 104420058
PLIN1	5. 680463251	9. 132365068	2. 228561434	0. 244028947	-2. 034875801
APOD	16. 45783901	23. 39033023	9. 525347801	0. 40723443	-1. 296068554
SFTA2	2. 95528659	5. 43188115	0. 478692029	0. 088126381	-3. 504282225
ZNF365	3. 004437852	5. 516167987	0. 492707717	0. 089320651	-3. 484862419
COL4A2	9. 163678682	4. 717922793	13. 60943457	2. 884624265	1. 528383414
FNDC4	6. 747117957	10. 63987248	2. 85436343	0. 268270455	-1. 898239919
VASN	10. 118407	14. 82364923	5. 413164775	0. 365170863	-1. 453356439
PLK1	8. 719516186	4. 467922793	12. 97110958	2. 903163322	1. 537625735
COL4A1	6. 287566421	2. 616978014	9. 958154828	3. 805211498	1. 927976642
FAM118A	6. 995022587	10. 76271053	3. 227334648	0. 299862627	-1. 737626372
MSN	48. 08987426	25. 74077652	70. 43897199	2. 736474245	1. 452318278
PAQR8	3. 272257657	5. 85975084	0. 684764474	0. 116858975	-3. 097159561
CYP3A5	3. 184992677	5. 685220879	0. 684764474	0. 120446415	-3. 05353664
GPSM1	3. 523587902	6. 100934042	0. 946241762	0. 155097852	-2. 688749393
FBLN1	15. 26091097	21. 58220281	8. 939619142	0. 414212545	-1. 271556848
BPGM	27. 87447353	39. 83322308	15. 91572399	0. 39955903	-1. 323519434
PHC1	13. 29485656	18. 89323997	7. 696473143	0. 407366505	-1. 295600731
SGK1	25. 61893037	14. 34111807	36. 89674267	2. 57279401	1. 363335953
AGAP5	6. 571439799	10. 10538622	3. 037493374	0. 300581621	-1. 734171295
PDPN	5. 443807978	2. 100944779	8. 786671177	4. 182247561	2. 064278462
IGFBP5	26. 34226147	37. 32868538	15. 35583755	0. 411368292	-1. 281497498
KRT1	422. 1346912	660. 5344661	183. 7349163	0. 278160983	-1. 846008025
MIR663A	12. 18352524	18. 05199771	6. 315052776	0. 349825702	-1. 515291804
LSP1	20. 06463329	28. 21195132	11. 91731525	0. 422420807	-1. 243247195

DAPL1	34.23789113	48.9028995	19.57288275	0.400239719	-1.32106375
TMPRSS11E	300.2096322	457.9054291	142.5138354	0.311229844	-1.683947685
PLEKHG6	16.55221996	23.55908789	9.545352029	0.405166451	-1.303413375
KLK7	95.03094708	50.38475243	139.6771417	2.77221054	1.471036829
LAMB2	10.58710942	14.92783748	6.246381367	0.418438463	-1.256912625
RAB31	16.28664531	9.48268514	23.09060549	2.435028174	1.283938465
MB	4.789942606	7.686059537	1.893825676	0.246397477	-2.020940613
UNC5B-AS1	5.326068873	8.519496979	2.132640767	0.250324728	-1.99812728
FAM25C	5.915748335	9.189917015	2.641579655	0.287443254	-1.79865092
PRELP	2.982302362	5.282055733	0.682548991	0.129220331	-2.952095017
DBP	16.43272865	23.63477191	9.230685381	0.390555298	-1.356401265
RMND5A	15.5835909	22.0804527	9.086729109	0.411528207	-1.280936776
TPX2	9.454322786	5.273433657	13.63521192	2.58564207	1.370522577
LTB4R2	35.35717003	19.73875691	50.97558315	2.582512332	1.368775238
TPSAB1	3.950259667	6.542132682	1.358386652	0.207636671	-2.267866832
IGF2	4.994511037	7.925143931	2.063878144	0.260421535	-1.941079343
TNC	11.50373128	6.784760019	16.22270255	2.39105031	1.257644486
C10orf99	119.8964258	64.97868607	174.8141656	2.690330878	1.427783618
S100A2	745.6323314	335.5325111	1155.732152	3.444471441	1.784282616
UBL3	21.01617489	29.85272246	12.17962733	0.407990505	-1.293392516
COX7A1	12.04174912	17.09258147	6.99091677	0.409002981	-1.289816737
TEKT4P2	6.889396877	10.45332296	3.325470797	0.318125711	-1.652331119
PI3	484.0284267	235.0768548	732.9799986	3.118044094	1.64064133
PLAT	5.606633019	2.30613557	8.907130467	3.862362031	1.949483399
IL34	9.795987899	14.22085809	5.371117711	0.377692941	-1.404714275
SNX9	17.99435641	25.20605279	10.78266003	0.427780586	-1.225057085
SASH1	19.83689848	27.71138437	11.96241259	0.431678635	-1.211970403
ERO1A	101.2996326	149.104801	53.49446418	0.358770904	-1.478865203
BIRC5	8.724223848	4.850309335	12.59813836	2.597388639	1.377061896
LINC00265	7.241289246	10.76475161	3.717826882	0.345370429	-1.533783532
SPINK7	521.6185089	790.194684	253.0423339	0.320227836	-1.642829373
CRYAB	108.0206015	158.7173739	57.32382905	0.361169213	-1.469253175
TSC22D3	13.35708558	18.64915776	8.065013394	0.432459926	-1.209361642
MT2A	185.7597568	98.8590056	272.6605081	2.758074557	1.463661457
PDLIM4	18.87887514	26.34860401	11.40914627	0.433007618	-1.207535687
ADAM33	6.487773999	9.752644316	3.222903681	0.330464598	-1.597432369
MXRA5	5.756483633	8.755397834	2.757569431	0.314956497	-1.666775523
PTN	25.74917706	36.13269009	15.36566403	0.425256575	-1.233594553
BCAM	10.66831768	14.86573488	6.470900466	0.435289645	-1.199952393
KPNA2	31.34594695	18.53289218	44.15900171	2.382736665	1.252619517
EREG	8.258899326	12.07824911	4.439549545	0.367565655	-1.443926126
MDFI	15.13422128	9.131778857	21.1366637	2.314627197	1.210779846
SBN02	16.4600868	9.812900548	23.10727306	2.354785208	1.23559547
PDLIM2	15.24485296	21.30846318	9.181242744	0.43087306	-1.214665195
SCIN	4.40032366	7.1444831	1.656164221	0.231810223	-2.108983903
SYT8	67.39434144	95.46417376	39.32450912	0.411929497	-1.279530657
ARHGAP10	10.33856684	14.57698896	6.100144732	0.418477695	-1.256777368

MARCKSL1	5. 588930058	2. 383011249	8. 794848867	3. 690645132	1. 883873024
SRM	22. 76944679	13. 81496939	31. 72392418	2. 296344153	1. 199338875
ITM2A	9. 159586203	13. 04419079	5. 274981621	0. 404393167	-1. 306169475
ADAMTS1	5. 83784793	2. 595613199	9. 08008266	3. 498241827	1. 806630024
LY6G6C	5. 521128779	8. 477402793	2. 564854766	0. 302551952	-1. 724745201
MYO1B	8. 610957665	4. 728624448	12. 49329088	2. 642056061	1. 401661079
ADIRF	258. 8589785	388. 3435304	129. 3744266	0. 333144282	-1. 585780963
ANGPTL1	1. 964187309	3. 697144189	0. 231230429	0. 062542984	-3. 999008141
RUVBL1	10. 82097043	6. 544836967	15. 0971039	2. 306719628	1. 205842661
CCNB2	9. 49269693	5. 597643545	13. 38775032	2. 391676106	1. 258022025
DTX2	23. 7934981	33. 09225607	14. 49474013	0. 438010032	-1. 190964183
IFRD1	8. 184305475	11. 93864613	4. 429964823	0. 371060904	-1. 430272093
LOC285074	5. 422084403	8. 505455595	2. 338713212	0. 274966248	-1. 862673556
SLC31A2	12. 47547113	17. 42807922	7. 522863041	0. 431651873	-1. 212059846
LMNB2	20. 55671031	12. 58430386	28. 52911676	2. 267039725	1. 180809671
C18orf25	15. 93304894	22. 07837312	9. 787724755	0. 4433173	-1. 173588433
KRT78	408. 4165026	607. 695006	209. 1379991	0. 34414961	-1. 538892221
PRSS8	43. 48843436	61. 24749209	25. 72937663	0. 420088656	-1. 251234267
EPHB6	6. 648311805	9. 812900548	3. 483723061	0. 35501461	-1. 494049698
MX2	6. 747851431	9. 956574957	3. 539127904	0. 355456361	-1. 492255641
SPSB3	33. 10248552	46. 10656696	20. 09840409	0. 435911962	-1. 1978913
CCND1	36. 92987483	50. 76109069	23. 09865897	0. 455046546	-1. 135913972
MATN2	5. 349183418	8. 169812351	2. 528554485	0. 309499702	-1. 691990076
BLVRA	29. 484914	41. 55217724	17. 41765076	0. 419175406	-1. 254374022
AGTRAP	12. 1600493	7. 687251225	16. 63284738	2. 163692442	1. 113495442
TXNIP	47. 56737901	66. 14997681	28. 9847812	0. 43816767	-1. 190445056
AIF1L	30. 17336512	41. 99095609	18. 35577416	0. 437136371	-1. 193844676
AMOTL2	12. 22620658	16. 71455085	7. 737862299	0. 462941683	-1. 111097628
TPPP3	120. 7135159	170. 3256589	71. 10137292	0. 417443698	-1. 260346465
TNFAIP8L3	8. 070974662	11. 65657966	4. 485369667	0. 384792949	-1. 37784573
CEACAM1	16. 76966327	10. 87117346	22. 66815308	2. 085161567	1. 060159174
PIM1	91. 39957625	130. 9775409	51. 82161161	0. 395652654	-1. 337693662
UPK3B	16. 53732645	22. 865048	10. 20960491	0. 446515787	-1. 16321691
LDHB	41. 25909293	25. 24751374	57. 27067211	2. 268368787	1. 18165521
SLPI	1745. 492354	2739. 15842	751. 8262885	0. 27447346	-1. 86526144
MGLL	56. 11198524	78. 76250467	33. 46146581	0. 424840042	-1. 235008345
TYMP	59. 46787144	35. 2218206	83. 71392228	2. 376763065	1. 248998091
APOBEC3A	10. 05779899	5. 874378435	14. 24121955	2. 424293857	1. 277564583
CHMP4C	12. 56639308	17. 42008185	7. 712704314	0. 44274788	-1. 175442695
DUOXA2	13. 21165056	17. 86520848	8. 55809263	0. 479036818	-1. 06179155
KIF20A	5. 152870757	2. 350944779	7. 954796735	3. 383659543	1. 758584415
XG	8. 154735225	11. 63647499	4. 672995457	0. 401581704	-1. 316234553
ARSI	1. 841658961	3. 435856323	0. 2474616	0. 072023268	-3. 795393131
KRT4	11618. 45881	19527. 96312	3708. 954501	0. 189930434	-2. 396457
LGALS7	354. 7900593	523. 0644021	186. 5157166	0. 3565827	-1. 487691386
NSG1	12. 03655324	16. 43868462	7. 634421851	0. 46441805	-1. 106504051
KRT8	10. 98171565	14. 99405	6. 969381301	0. 464809795	-1. 105287625

LRRRC59	24. 97894007	15. 71875924	34. 23912089	2. 17823305	1. 123158317
ZC3H12A	7. 716577607	4. 292132682	11. 14102253	2. 59568456	1. 376115071
UBE2S	22. 11679869	14. 0061188	30. 22747859	2. 158162374	1. 109803413
MKI67	7. 146007948	3. 858980644	10. 43303525	2. 703572838	1. 434867225
FCHO2	11. 78171852	16. 1144255	7. 449011543	0. 462257345	-1. 113231853
LAYN	2. 327839553	4. 193218249	0. 462460858	0. 11028781	-3. 180654753
CADM3	2. 583252509	4. 483956028	0. 682548991	0. 152220269	-2. 715767624
SCEL	265. 6109041	386. 9135747	144. 3082335	0. 372972785	-1. 422857731
LCE3D	46. 17405595	63. 09325708	29. 25485481	0. 463676408	-1. 108809771
YPEL3	29. 85846759	41. 1836481	18. 53328708	0. 450015672	-1. 15195285
IDH3A	18. 74868595	11. 99875687	25. 49861502	2. 125104733	1. 087533945
RPS6KA4	18. 01641083	11. 52486705	24. 50795461	2. 126528185	1. 088499976
KLK9	3. 999095842	1. 584911544	6. 41328014	4. 046459353	2. 016660103
LEPR	3. 584597801	5. 776724153	1. 392471449	0. 241048631	-2. 052603858
SHISA5	27. 04438029	17. 13379847	36. 95496211	2. 15684585	1. 10892307
LGALS9B	7. 984033224	4. 600309335	11. 36775711	2. 471085374	1. 305144855
KRT16	2350. 509708	1004. 266689	3696. 752727	3. 681046845	1. 88011611
TIPARP	13. 0865009	17. 74743675	8. 425565045	0. 474748279	-1. 074765326
KRT14	6263. 307242	2363. 575733	10163. 03875	4. 299857461	2. 104288836
PLAC9	4. 979404692	7. 608295968	2. 350513417	0. 308940849	-1. 694597454
DCT	4. 687572069	7. 082908956	2. 292235181	0. 323629062	-1. 627586927
B3GNT8	10. 82412605	15. 09457332	6. 553678777	0. 434174497	-1. 203653109
C15orf48	86. 89317816	122. 1286905	51. 6576658	0. 422977317	-1. 241347798
ARHGAP23	17. 24366633	11. 12644728	23. 36088538	2. 099581726	1. 070101946
TRIP10	89. 89350789	126. 479077	53. 30793878	0. 421476343	-1. 24647644
CRAT	6. 852295552	10. 26896853	3. 435622575	0. 334563551	-1. 579647816
CIART	10. 8267486	14. 90997715	6. 743520051	0. 452282387	-1. 144704281
CTSC	6. 879377175	3. 776099446	9. 982654903	2. 64364195	1. 402526794
LPIN1	20. 77840457	28. 16797006	13. 38883907	0. 475321404	-1. 073024727
SAMD9	15. 77024238	21. 23939015	10. 30109461	0. 484999547	-1. 043944694
TACC3	9. 046775154	5. 536801102	12. 55674921	2. 267870739	1. 181338414
VIPR1	2. 862404531	4. 794798471	0. 930010591	0. 193962394	-2. 366151128
BAIAP2L2	3. 885872075	6. 170984773	1. 600759377	0. 25940096	-1. 946744274
CLCA2	91. 0427947	54. 5146829	127. 5709065	2. 340120124	1. 226582589
NMB	3. 560852722	1. 334911544	5. 786793901	4. 334964311	2. 116020116
LGALS3	105. 5333392	148. 4044797	62. 6621986	0. 422239266	-1. 243867347
IGFBP3	34. 82817948	46. 99538048	22. 66097849	0. 482195872	-1. 052308793
NPPC	1. 712542061	3. 193853693	0. 231230429	0. 072398567	-3. 787895057
RGS5	4. 450497217	6. 834900807	2. 066093627	0. 302285825	-1. 726014768
PTGES	5. 753818946	2. 957221138	8. 550416754	2. 89136874	1. 531752609
ALDH3A1	153. 2152711	215. 079816	91. 35072628	0. 424729424	-1. 235384038
MTRNR2L6	16. 30887175	21. 88377699	10. 73396652	0. 490498807	-1. 027678466
THBS1	3. 9199355	1. 5240691	6. 315801899	4. 144039071	2. 051037605
KIFC3	19. 92238252	26. 63168668	13. 21307837	0. 496141252	-1. 011177179
ECM1	462. 0363574	677. 9520319	246. 1206829	0. 363035541	-1. 461817299
SPINK5	690. 1013851	1016. 989249	363. 213521	0. 357145881	-1. 485414614
LYPD2	78. 31342407	110. 2983833	46. 32846486	0. 420028503	-1. 251440861

PRDM1	14. 79060186	20. 16136131	9. 419842412	0. 467222539	-1. 097818224
SULF2	21. 35179946	28. 76901331	13. 93458561	0. 484360915	-1. 045845642
ENO3	1. 957443835	3. 502742781	0. 41214489	0. 117663476	-3. 087261538
CHRDL1	2. 063548968	3. 675779374	0. 451318562	0. 122781733	-3. 025832156
EMP1	1421. 606444	2157. 335731	685. 8771566	0. 317927871	-1. 653228598
IFITM3	210. 3015291	122. 6320646	297. 9709937	2. 429796763	1. 280835647
CTGF	8. 996421521	12. 35000541	5. 64283763	0. 456909729	-1. 130018932
PER1	16. 68346206	22. 67943563	10. 68748849	0. 471241377	-1. 085461874
MXI1	15. 29929305	20. 7436563	9. 854929803	0. 475081618	-1. 073752707
LGALS9C	16. 51146819	10. 99063328	22. 0323031	2. 00464364	1. 003345795
ADAP2	2. 740312725	0. 763367445	4. 717258005	6. 179537829	2. 627498942
ARHGAP27	15. 76860392	21. 17399706	10. 36321078	0. 489431011	-1. 03082258
FERMT1	11. 94032309	7. 751433398	16. 12921278	2. 080803892	1. 057141003
ST3GAL4	8. 363511866	11. 81836688	4. 908656853	0. 415341384	-1. 267630469
PDIA4	21. 52183334	14. 09703586	28. 94663083	2. 053384209	1. 038003596
THEM5	4. 851520684	7. 322939001	2. 380102367	0. 3250201	-1. 621399154
FTH1	673. 2950849	999. 8515169	346. 7386528	0. 346790145	-1. 527865193
RARRES2	7. 159906833	10. 18313056	4. 136683102	0. 406229015	-1. 299634806
PHACTR4	19. 99188086	26. 89928178	13. 08447993	0. 486424881	-1. 03971107
BGN	25. 31824045	33. 83954326	16. 79693764	0. 496370105	-1. 010511867
MAL	1669. 888588	2538. 669588	801. 1075885	0. 315561975	-1. 664004724
F3	52. 08598845	71. 43854723	32. 73342967	0. 458204022	-1. 125937972
MCAM	12. 61133088	8. 167146561	17. 0555152	2. 088307718	1. 062334313
ZNF273	8. 305144301	11. 53023713	5. 080051472	0. 440585169	-1. 182507164
ECHDC2	28. 50255346	38. 58197162	18. 4231353	0. 47750632	-1. 066408266
PYGL	42. 28255753	27. 79526898	56. 76984607	2. 042428375	1. 030285486
MYBL2	5. 918707837	3. 169823088	8. 667592586	2. 734408939	1. 451229018
TMPRSS11E	64. 99526503	90. 09024239	39. 90028767	0. 442892444	-1. 174971709
NDUFA4L2	65. 58799826	90. 81064269	40. 36535383	0. 444500255	-1. 169743848
BNIP3L	17. 61415433	23. 7563883	11. 47192035	0. 482898335	-1. 050208606
C14orf132	3. 069932734	4. 978624448	1. 16124102	0. 233245354	-2. 100079752
DDX21	20. 29473661	13. 33434235	27. 25513087	2. 043980134	1. 031381174
TMEM173	12. 14310901	7. 996688029	16. 28952999	2. 037034573	1. 026470467
EPS8L1	111. 2513299	153. 3610697	69. 14159006	0. 450841861	-1. 149306618
SLC6A9	17. 17337185	22. 97892171	11. 36782199	0. 494706503	-1. 015355232
FAM221A	3. 832698526	6. 025464003	1. 63993305	0. 272167098	-1. 877435425
FALEC	3. 928152267	6. 163182125	1. 69312241	0. 274715622	-1. 863989143
CD207	3. 834005628	6. 007351189	1. 660660068	0. 276437987	-1. 854972218
ATP1A1	77. 38789649	48. 15284174	106. 6229512	2. 214260828	1. 146825174
DLGAP5	4. 451713654	2. 100944779	6. 802482528	3. 237820716	1. 695023103
AURKA	4. 096590966	1. 850944779	6. 342237153	3. 426486422	1. 77672997
CLDN4	89. 0435067	124. 029282	54. 05773137	0. 435846523	-1. 198107893
PTGDS	6. 733993226	9. 585476281	3. 882510171	0. 405040924	-1. 303860414
FBXO32	2. 819631038	4. 709251484	0. 930010591	0. 197485863	-2. 340178716
DKK4	2. 879704276	4. 804239976	0. 955168575	0. 198817832	-2. 330480938
FZD7	2. 734738741	4. 539466892	0. 930010591	0. 204872205	-2. 287203828
BOC	8. 851907672	11. 98931537	5. 714499978	0. 476632719	-1. 069050106

ANXA3	32.30629387	43.66458534	20.94800239	0.479748112	-1.059650965
WDR26	25.45063877	34.1040596	16.79721794	0.492528401	-1.021721177
SLC6A14	2.646165652	0.798099705	4.494231599	5.631165592	2.493433576
CNFN	1859.479545	2803.376884	915.5822065	0.326599756	-1.614404382
LTC4S	1.594225783	2.957221138	0.231230429	0.078191795	-3.676838962
PADI3	3.387051329	5.353599832	1.420502826	0.265336011	-1.914107604
GSN	114.6110884	157.3449573	71.87721951	0.456812984	-1.130324437
RNASE4	4.049237705	6.254685399	1.843790011	0.294785412	-1.762262964
POLB	10.36738739	6.788831448	13.94594333	2.054247985	1.038610352
NDRG4	8.764331183	12.16868695	5.359975414	0.440472784	-1.182875216
GABARAPL1	6.48704616	9.254049955	3.720042365	0.401990737	-1.314765836
GPRC5A	29.95041037	40.34859959	19.55222115	0.484582398	-1.045186093
VWA1	5.241365504	2.749364556	7.733366451	2.812783206	1.491998362
BCL6	6.931141539	4.100309335	9.761973743	2.380789581	1.251440118
MUC1	15.06784523	9.993153579	20.14253687	2.015633675	1.011233464
BLNK	25.16286634	33.55654611	16.76918656	0.499729219	-1.000781522
RIOK3	41.90556352	56.42043243	27.39069461	0.485474737	-1.042531871
SMDT1	12.99419447	17.3619052	8.626483734	0.496862737	-1.009080747
CDKN3	6.426805886	3.762732001	9.090879771	2.416031694	1.27263938
ANLN	10.18105001	6.717961288	13.64413873	2.030993949	1.022185942
TCAP	2.750538515	4.470714806	1.030362224	0.230469236	-2.117353911
PPOX	5.820125656	8.373742992	3.26650832	0.390089393	-1.358123325
PLA2G4E-A	2.151415171	0.513367445	3.789462896	7.38158006	2.883929665
C4orf3	51.47819514	69.97295858	32.98343169	0.471373976	-1.085055984
NUCB2	58.74718227	79.5544619	37.93990264	0.476904774	-1.068226871
TSTA3	53.83991483	35.7851813	71.89464837	2.009062013	1.006522096
HDAC5	8.093760829	11.07500784	5.112513814	0.461626203	-1.115202979
SNORA40	5.699628477	3.185856323	8.213400632	2.578082562	1.366298466
NCOA7	5.71521361	3.130345459	8.300081762	2.651490665	1.406803669
PRDX6	110.2142933	151.4046039	69.0239828	0.455890911	-1.133239448
LNX1	5.307024461	7.798859164	2.815189758	0.36097456	-1.470030928
SPINT1	84.56813107	116.1283164	53.00794573	0.456460124	-1.131439261
TOM1	33.13034189	44.27266957	21.98801422	0.496649839	-1.009699051
CCNA2	7.967580469	5.023433657	10.91172728	2.172165102	1.119133764
RANBP9	37.82737322	50.63366982	25.02107663	0.494158861	-1.016953183
NINL	2.628437766	4.326864942	0.930010591	0.214938669	-2.218003038
CTSF	2.612404531	4.294798471	0.930010591	0.216543476	-2.207271385
ABTB2	2.598016545	4.266022498	0.930010591	0.218004146	-2.197572523
POLR3G	1.621719214	0.24733421	2.996104219	12.11358598	3.598554103
FAM45B	7.219128737	10.03345064	4.404806839	0.43901216	-1.187667193
WNT4	7.260948424	10.08300521	4.438891636	0.440234984	-1.1836543
SMIM5	5.604582402	8.146513446	3.062651358	0.375946272	-1.4114016
ABLIM3	7.781075579	10.74145271	4.820698453	0.4487939	-1.155875028
GABARAPL2	41.07996614	54.87620943	27.28372286	0.497186725	-1.008140318
LTB4R	50.24800527	33.07770768	67.41830286	2.038179414	1.027281053
RNASEK	77.8313847	104.8135606	50.84920877	0.485139599	-1.043528152
KLK5	137.49438	87.45591982	187.5328401	2.144312707	1.10051531

FOXM1	8. 23972948	5. 347643545	11. 13181541	2. 081630034	1. 057713683
BCAS1	2. 319886631	3. 929850804	0. 709922458	0. 180648705	-2. 468741183
SERPINB7	2. 355757648	3. 985361667	0. 726153629	0. 182205202	-2. 456363942
KRT10	65. 43164066	89. 00495858	41. 85832274	0. 470292031	-1. 088371209
TM4SF1	127. 9913504	173. 8665146	82. 11618626	0. 472294429	-1. 082241576
OSBPL1A	5. 670187992	8. 113041337	3. 227334648	0. 397795908	-1. 329899658
FBLN2	5. 549398496	7. 915066982	3. 183730009	0. 402236648	-1. 313883564
SNX21	9. 190079115	12. 28222898	6. 097929249	0. 496483925	-1. 010181088
SPRR2G	7. 953385546	4. 800803991	11. 1059671	2. 313355664	1. 209987088
FABP3	1. 40515386	2. 604235276	0. 206072445	0. 079129734	-3. 659636281
LY6K	1. 609953065	2. 974660012	0. 245246117	0. 082445092	-3. 600422585
AADACL2	1. 413421814	2. 595613199	0. 231230429	0. 089085088	-3. 488672239
RPTN	1. 736924626	2. 997372705	0. 476476546	0. 158964731	-2. 653221379
ARG2	8. 184931925	11. 25956552	5. 110298331	0. 453862835	-1. 139671737
FHL1	6. 613309291	9. 204583106	4. 022035477	0. 436960092	-1. 194426573
SUSD4	9. 569573203	12. 86317609	6. 275970318	0. 487902076	-1. 035336473
SLC43A3	9. 418962609	6. 207259633	12. 63066558	2. 034821537	1. 024902269
ADAMTS14	2. 800292888	4. 423113584	1. 177472191	0. 266208898	-1. 909369303
KRT7	7. 025829063	4. 328270581	9. 723387545	2. 246483292	1. 167668332
HAS3	5. 219793434	2. 954555348	7. 485031519	2. 5333868	1. 341067366
CALB2	3. 791781551	5. 869778556	1. 713784547	0. 291967496	-1. 776120328
COL14A1	3. 407762077	5. 205180055	1. 610344099	0. 309373371	-1. 692579072
DUSP1	63. 54406263	84. 77408127	42. 31404399	0. 499138927	-1. 002486673
LDHA	170. 8577944	110. 6872612	231. 0283276	2. 08721695	1. 061580565
PKMYT1	4. 856474933	2. 614312224	7. 098637642	2. 71529834	1. 441110721
CHP1	81. 95307478	110. 4748518	53. 4312978	0. 483651229	-1. 047961031
WNT5A	6. 279852236	8. 798272952	3. 76143152	0. 427519303	-1. 225938534
MIEF2	4. 477435323	6. 618372916	2. 336497729	0. 353032046	-1. 502128949
SCNN1D	2. 472932681	0. 840243124	4. 105622238	4. 886231285	2. 288722154
OSMR	5. 843744437	3. 375013879	8. 312474995	2. 462945425	1. 300384661
COMP	2. 436357074	3. 933776744	0. 938937404	0. 238685992	-2. 066814195
NIPAL4	7. 9381155	5. 171853434	10. 70437757	2. 069737224	1. 049447613
LYAR	6. 783807031	4. 215257003	9. 35235706	2. 218692016	1. 149709416
MYBPH	1. 360101774	0. 24733421	2. 472869338	9. 998088567	3. 321652307
GGTA1P	6. 534725454	9. 107035817	3. 96241509	0. 43509383	-1. 200601538
HEBP2	90. 48009446	121. 7899174	59. 17027152	0. 485838834	-1. 041450282
TEAD4	2. 674480677	1. 010701655	4. 338259699	4. 29232472	2. 101759222
CYSRT1	92. 70269113	124. 3462497	61. 05913253	0. 491041207	-1. 026083998
TRAPPC6A	3. 773854958	5. 703919904	1. 843790011	0. 323249632	-1. 629279366
TPSB2	3. 700837364	5. 552795841	1. 848878886	0. 332963599	-1. 586563632
ISLR	3. 67778974	5. 499989263	1. 855590216	0. 337380698	-1. 567550658
PPDPF	273. 2302915	377. 541105	168. 919478	0. 447420097	-1. 160298033
KRT2	3. 232877369	5. 020093927	1. 44566081	0. 287974853	-1. 79598526
CX3CL1	3. 041285234	4. 715257003	1. 367313465	0. 289976445	-1. 785992379
CRIP1	284. 4433497	390. 2466466	178. 6400529	0. 457761917	-1. 127330652
SYT15	4. 608220577	6. 687886669	2. 528554485	0. 378079745	-1. 403237534
OLFM2	4. 612086532	6. 656444906	2. 567728158	0. 385750681	-1. 37425939

FETUB	4. 570022696	6. 552248125	2. 587797267	0. 394947996	-1. 340265393
SLIT3	2. 039463843	3. 396378694	0. 682548991	0. 200963748	-2. 314992821
CRTAC1	2. 124010023	3. 510066211	0. 737953834	0. 210239292	-2. 249895774
CEP55	6. 066680388	3. 685856323	8. 447504453	2. 29187025	1. 196525371
PRDX5	174. 2021536	236. 1801786	112. 2241286	0. 475163196	-1. 073504998
ABI3BP	3. 912185563	5. 776724153	2. 047646973	0. 354465077	-1. 496284598
FLNC	1. 689841324	0. 49466842	2. 885014228	5. 832218331	2. 544044728
IL1RN	834. 3499485	1182. 845386	485. 8545112	0. 41075065	-1. 283665236
LOC101928	3. 465151454	5. 315527843	1. 614775065	0. 303784518	-1. 718879747
GPAT3	3. 389231539	5. 122298857	1. 656164221	0. 323324403	-1. 628945695
SCARNA17	3. 31100855	4. 979210659	1. 642806441	0. 329933107	-1. 599754545
H1FO	102. 5421262	137. 2184396	67. 86581283	0. 49458231	-1. 015717456
NCCRP1	187. 1663577	253. 4169305	120. 9157849	0. 477141699	-1. 06751032
PLAU	4. 105205708	2. 116978014	6. 093433402	2. 878364046	1. 525249071
LAMB4	4. 960862076	6. 941851105	2. 979873047	0. 429262023	-1. 220069553
CNTFR	1. 303891359	2. 401710274	0. 206072445	0. 085802375	-3. 542838613
ANKRD33B	1. 328192548	2. 425154668	0. 231230429	0. 095346673	-3. 390673591
PCOLCE2	1. 314128683	2. 383011249	0. 245246117	0. 102914377	-3. 280483562
BCAR1	3. 662643757	1. 850944779	5. 474342735	2. 957593764	1. 564423907
PLEK2	6. 382335069	4. 026099446	8. 738570691	2. 170480587	1. 118014519
LTBP1	2. 917766515	1. 27940068	4. 556132349	3. 561145793	1. 832341501
CRNN	2704. 060357	3928. 482127	1479. 638586	0. 376643838	-1. 408727168
ADSSL1	3. 741741877	5. 570273211	1. 913210543	0. 34346799	-1. 541752444
CAPS	3. 659160234	5. 4331413	1. 885179167	0. 346977754	-1. 527084925
MELK	5. 941616693	3. 683190533	8. 200042853	2. 226342292	1. 154675419
PRR11	5. 984464928	3. 704555348	8. 264374509	2. 230868143	1. 157605245
SMCO4	4. 581035235	6. 594342311	2. 567728158	0. 38938351	-1. 360736305
ADAMTS4	1. 409872852	0. 266033235	2. 55371247	9. 599223454	3. 262917701
PTHLH	1. 441227453	0. 266033235	2. 616421671	9. 83494288	3. 297916674
DDAH1	2. 420581185	3. 911151779	0. 930010591	0. 237784326	-2. 072274472
CYSLTR1	2. 288346621	3. 685856323	0. 890836919	0. 241690625	-2. 048766581
GADD45G	2. 397487096	3. 823574445	0. 971399747	0. 254055403	-1. 976784948
GBP1P1	2. 944040666	4. 520767867	1. 367313465	0. 302451598	-1. 725223812
CRLF1	2. 924149873	4. 441812609	1. 406487137	0. 316647113	-1. 659052171
CYP2C9	5. 810841405	8. 080339423	3. 541343387	0. 438266662	-1. 190119154
TGM5	5. 765944997	7. 992762089	3. 539127904	0. 442791599	-1. 175300245
LHFP	5. 562292129	7. 691177166	3. 433407092	0. 44640853	-1. 1635635
HOPX	375. 2887473	516. 1050462	234. 4724484	0. 454311482	-1. 138246327
CSTA	3583. 312979	5247. 327934	1919. 298023	0. 365766738	-1. 451004209
RFX2	4. 609760644	6. 537425808	2. 682095479	0. 410267827	-1. 285362073
AKR1B15	4. 217900495	2. 417157298	6. 018643691	2. 489967739	1. 31612705
CDCA5	4. 262916426	2. 348278989	6. 177553864	2. 630672885	1. 395431866
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HLA-DQA1	5. 834727701	7. 995233158	3. 674222243	0. 459551607	-1. 121701213
GSTM3	5. 748340709	7. 847682041	3. 648999378	0. 464977985	-1. 104765685
GINS2	5. 158673519	3. 111646434	7. 205700605	2. 31571959	1. 211460568
PLIN2	3. 897867019	2. 175154668	5. 620579371	2. 583990672	1. 369600862

BUB1	3. 869985402	2. 100944779	5. 639026025	2. 684042951	1. 424407758
KRT6C	2592. 878423	1454. 81404	3730. 942807	2. 56454963	1. 358705491
OBFC1	6. 334665169	8. 718057545	3. 951272794	0. 453228575	-1. 141689274
CSRNP1	6. 287170923	8. 623069053	3. 951272794	0. 45822117	-1. 12588398
ARHGAP30	6. 117333321	8. 227989004	4. 006677637	0. 486957097	-1. 038133425
USP2	5. 118644701	7. 216027199	3. 021262203	0. 418687752	-1. 256053381
OSR1	1. 90778012	3. 133011249	0. 682548991	0. 217857179	-2. 198545443
PLA2G4D	1. 935707695	3. 135677039	0. 735738351	0. 234634608	-2. 091512275
LFNG	3. 202346132	4. 792132682	1. 612559582	0. 336501447	-1. 571315386
IL11RA	3. 181274423	4. 749989263	1. 612559582	0. 339486995	-1. 558571785
FGL2	3. 218227389	4. 784721523	1. 651733255	0. 345209903	-1. 534454242
KRT6B	2144. 796455	1236. 821153	3052. 771757	2. 468240254	1. 303482831
SNHG17	5. 853275977	3. 699223768	8. 007328187	2. 164596869	1. 114098365
HMMR	3. 197702157	1. 603610569	4. 791793744	2. 988128064	1. 57924198
LPCAT1	3. 186966739	1. 52673489	4. 847198588	3. 17487903	1. 666701623
HSF4	5. 194967278	7. 098268252	3. 291666304	0. 463728079	-1. 108649008
B3GNT3	2. 112397734	0. 798099705	3. 426695762	4. 29356851	2. 102177212
KIAA1147	4. 41012483	6. 275464003	2. 544785657	0. 405513545	-1. 302177989
CBR3-AS1	4. 519166337	6. 42921536	2. 609117313	0. 405822043	-1. 301080864
STAC	1. 631870522	2. 810207	0. 453534045	0. 161388127	-2. 631393646
MPZ	1. 51418432	2. 574834595	0. 453534045	0. 176141041	-2. 505197001
RHCG	1374. 807176	1934. 075887	815. 5384651	0. 421668286	-1. 245819574
NOXA1	5. 829701526	7. 881740362	3. 777662691	0. 479292963	-1. 061020337
CTIF	4. 716880305	6. 602339681	2. 831420929	0. 428851145	-1. 221451124
MYL1	2. 606240527	3. 976046386	1. 236434669	0. 310970886	-1. 685148576
DUSP4	1. 167169163	2. 128265881	0. 206072445	0. 096826457	-3. 368454884
GPD1	1. 161525229	2. 116978014	0. 206072445	0. 097342742	-3. 360782775
TAS1R3	1. 354377084	2. 461292567	0. 2474616	0. 100541319	-3. 314139579
LYVE1	1. 164754709	2. 098278989	0. 231230429	0. 11020004	-3. 181803344
KIF2C	3. 788751499	2. 100944779	5. 476558219	2. 60671212	1. 382231263
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LOC101927	1. 241397232	0. 266033235	2. 216761229	8. 332647716	3. 058774988
MTHFD1L	1. 277215239	0. 266033235	2. 288397243	8. 601922398	3. 104659116
DCBLD1	1. 287452563	0. 24733421	2. 327570916	9. 410630721	3. 234291419
CDH16	2. 345516068	3. 758806061	0. 932226074	0. 248011219	-2. 011522709
VMAC	3. 752846943	5. 414442275	2. 091251612	0. 386235831	-1. 372446086
CAMK1D	3. 784155976	5. 437886669	2. 130425284	0. 391774491	-1. 351904629
RARRES3	6. 000696054	8. 050119314	3. 951272794	0. 490834066	-1. 026692713
SESN2	5. 055222587	7. 058936112	3. 051509062	0. 432290222	-1. 209927889
AAMDC	4. 934135152	6. 847008101	3. 021262203	0. 441252903	-1. 180322324
CNST	4. 841200056	6. 688511376	2. 993888735	0. 447616602	-1. 159664548
FAM189A2	4. 83429118	6. 672478141	2. 996104219	0. 449024209	-1. 155134866
TTK	3. 424405484	1. 850944779	4. 997866189	2. 700170338	1. 433050421
SMPD1	6. 347081136	8. 495427879	4. 198734394	0. 494234599	-1. 016732083
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ACSF2	3. 947106669	5. 555500127	2. 338713212	0. 420972578	-1. 248201834
TREX2	3. 145602908	4. 635041595	1. 656164221	0. 357313777	-1. 484736552

SLC16A2	3. 022649904	4. 430524743	1. 614775065	0. 364465872	-1. 456144364
LONRF1	5. 086529623	6. 961955769	3. 211103476	0. 461235834	-1. 116423492
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SLC16A9	4. 494342934	2. 688522113	6. 300163756	2. 343355751	1. 22857599
STEAP1	2. 74299788	1. 337577334	4. 148418426	3. 101441929	1. 632939112
FMNL2	2. 724047909	1. 27673489	4. 171360927	3. 267209942	1. 708059161
ALDH3B1	5. 719631236	7. 897919085	3. 541343387	0. 448389424	-1. 157175846
SYNGR1	5. 415464549	7. 330974866	3. 499954232	0. 477420029	-1. 066669003
ELOVL4	5. 498677835	7. 441996594	3. 555359075	0. 477742637	-1. 065694457
SH3YL1	5. 370018866	7. 254099188	3. 485938544	0. 480547406	-1. 057249336
MAD2L1	5. 971597088	3. 949223768	7. 993970408	2. 024187759	1. 017343117
DDX3Y	2. 032294835	0. 972629666	3. 091960004	3. 17896946	1. 668559157
PLAC8	2. 484340237	1. 087577334	3. 881103139	3. 568576706	1. 835348783
NAV1	2. 36537201	1. 010701655	3. 720042365	3. 680653283	1. 879961854
CSRP3	1. 813508429	0. 74200263	2. 885014228	3. 888145554	1. 959082228
MYO15B	2. 447922646	3. 720588583	1. 175256708	0. 315879244	-1. 662554953
SAMD5	2. 42098185	3. 664491508	1. 177472191	0. 321319394	-1. 637920033
LRRC20	4. 423353631	6. 221358778	2. 625348484	0. 421989565	-1. 244720771
CHPT1	4. 212247836	5. 879710015	2. 544785657	0. 432808021	-1. 208200858
GOLGA6L4	4. 194531792	5. 837566597	2. 551496987	0. 437082292	-1. 194023166
ZNF812	4. 17773601	2. 438522113	5. 916949907	2. 42644915	1. 278846626
EPPK1	4. 02176664	2. 284770755	5. 758762525	2. 520499053	1. 333709412
ZNRF1	5. 867410322	7. 973389125	3. 76143152	0. 471748144	-1. 083911253
AMY2B	3. 346672542	4. 808165917	1. 885179167	0. 392078643	-1. 350785037
SLC16A5	4. 456097363	6. 124378435	2. 787816291	0. 455199874	-1. 135427937
LOC101927	4. 403709959	5. 883635956	2. 923783962	0. 496934886	-1. 008871269
FAM111B	3. 63285487	2. 100944779	5. 164764962	2. 458305908	1. 297664454
NCAPG	3. 665020699	2. 100944779	5. 229096618	2. 488926254	1. 315523484
AGFG2	6. 024744299	8. 114446976	3. 935041623	0. 484942675	-1. 044113878
SPRR3	12846. 31121	19069. 60958	6623. 012846	0. 347307207	-1. 525715746
TRIP13	4. 600834052	2. 861646434	6. 34002167	2. 215515374	1. 147642338
PLIN4	3. 519255743	5. 016022498	2. 022488989	0. 403205725	-1. 310411971
RORA	3. 688244303	5. 246063323	2. 130425284	0. 406099803	-1. 300093766
CBX7	3. 574708764	5. 058165917	2. 091251612	0. 413440691	-1. 274247709
TNNT2	3. 61020265	5. 071533362	2. 148871938	0. 423712472	-1. 238842499
ADIPOQ	4. 669871784	6. 364301487	2. 975442081	0. 467520605	-1. 096898145
MACROD1	4. 736258158	6. 451254114	3. 021262203	0. 468321686	-1. 094428251
SECISBP2L	4. 743798676	6. 441177166	3. 046420187	0. 472960161	-1. 08020943
RUSC2	2. 7616658	4. 139786964	1. 383544636	0. 334206723	-1. 581187338
ALOX5	2. 785152353	4. 163817569	1. 406487137	0. 337787887	-1. 565810501
CCDC74A	1. 429895876	2. 422488878	0. 437302874	0. 180518011	-2. 469785307
PKIB	1. 526358391	2. 576240235	0. 476476546	0. 184950355	-2. 434790025
MYOZ1	1. 398141759	2. 358980644	0. 437302874	0. 185377898	-2. 431458846
BARX1	1. 4184978	2. 385677039	0. 451318562	0. 189178399	-2. 402180731
SCN4B	1. 407815393	2. 364312224	0. 451318562	0. 190887886	-2. 389202546
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