

## **Supplemental Tables**

Clevenger, MH, et al. Suprabasal cells retain progenitor cell identity programs in eosinophilic esophagitis-driven basal cell hyperplasia

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**Supplemental Table 1.** Genes included in the quiescent gene signature.

gene	p_val	avg_log2FC	pct.1	pct.2	p_val_adj
DST	0	2.829762397	0.937	0.211	0
KRT15	0	2.749389646	1	0.685	0
KRT19	0	2.027514439	0.99	0.662	0
GAS5	0	1.991027262	0.727	0.641	0
CXCL14	0	1.930840409	0.497	0.095	0
MIR205HG	0	1.681103048	0.728	0.686	0
TXNIP	0	1.679755517	0.787	0.396	0
IL1R2	0	1.641511831	0.619	0.063	0
IL18	0	1.616816891	0.9	0.729	0
ZFP36L2	0	1.608479362	0.823	0.526	0
IFITM3	0	1.606175204	0.858	0.54	0
GPNMB	0	1.602788604	0.741	0.217	0
CAV1	0	1.57258403	0.693	0.127	0
IGFBP5	0	1.564140033	0.586	0.14	0
GPX4	0	1.556344306	0.955	0.852	0
MT-ND2	0	1.541729919	0.95	0.884	0
COL17A1	0	1.504913141	0.68	0.1	0
MALAT1	0	1.497386787	0.975	0.92	0
TSLP	0	1.492823424	0.61	0.088	0
FOS	0	1.469149928	0.977	0.939	0
FTH1	0	1.451440638	0.972	0.929	0
SLC3A2	0	1.428585636	0.811	0.576	0
MT-ND1	0	1.42571156	0.953	0.891	0
MT-ND3	0	1.409695337	0.967	0.922	0
MT-CYB	0	1.374772617	0.979	0.933	0
ATF3	0	1.369038577	0.828	0.673	0
ATP1B3	0	1.315243129	0.871	0.741	0
MT-ATP6	0	1.308089875	0.969	0.922	0
SNHG8	0	1.296775833	0.926	0.798	0
FHL2	0	1.288653373	0.659	0.194	0
MT-CO3	0	1.262818148	0.977	0.944	0
RPL34	0	1.252450795	1	0.994	0
C12orf57	0	1.251320924	0.864	0.712	0
ZFAS1	0	1.239408574	0.965	0.911	0
CH25H	0	1.196781019	0.496	0.051	0
DLK2	0	1.177325313	0.524	0.032	0
NOP53	0	1.162744015	0.822	0.724	0
MT-ND5	0	1.162255222	0.889	0.81	0
SNHG7	0	1.141464301	0.756	0.639	0
ASS1	0	1.110706576	0.554	0.123	0
TSC22D1	0	1.091835855	0.546	0.305	0
NAP1L1	0	1.090727748	0.812	0.664	0
CD81	0	1.085738797	0.753	0.571	0

NPR3	0	1.085345049	0.547	0.171	0
CTNNAL1	0	1.0784772	0.52	0.054	0
THSD4	0	1.075858062	0.567	0.254	0
SNHG29	0	1.070984512	0.734	0.772	0
EEF1D	0	1.069898077	0.98	0.945	0
RPS27	0	1.058941417	1	0.994	0
WNT4	0	1.051182329	0.588	0.419	0
CIRBP	0	1.048393598	0.85	0.799	0
RACK1	0	1.044522976	1	0.99	0
MT-ND4	0	1.044313515	0.963	0.917	0
LAMB3	0	1.044175468	0.558	0.166	0
RPL10	0	1.04270105	1	0.998	0
RPL30	0	1.041514408	1	0.993	0
ITGB1	0	1.038297217	0.623	0.389	0
RPL5	0	1.027958819	1	0.992	0
LIMA1	0	1.019869097	0.605	0.379	0
EPB41L4A-AS1	0	1.015005509	0.646	0.384	0
RPS9	0	0.997767959	1	0.993	0
SLC1A3	0	0.989165554	0.48	0.093	0
RPL13	0	0.986841391	1	0.998	0
SLC7A1	0	0.985424125	0.624	0.378	0
RPS4X	0	0.977786324	1	0.997	0
SLC7A5	0	0.959832268	0.522	0.109	0
RPL12	0	0.954870183	1	0.996	0
APP	0	0.934912332	0.515	0.196	0
RPS3	0	0.933890118	1	0.996	0
EIF3E	0	0.929264383	0.951	0.911	0
ARPC1B	0	0.92852849	0.531	0.218	0
RPL35A	0	0.926635559	1	0.992	0
RPS5	0	0.917666457	1	0.991	0
MT-CO1	0	0.910015039	0.988	0.958	0
RPLP1	0	0.907581937	1	0.999	0
NPM1	0	0.900359763	0.99	0.957	0
RPL37	0	0.895612447	1	0.995	0
RPL10A	0	0.894123777	1	0.991	0
PDLIM1	0	0.892139816	0.832	0.788	0
MTRNR2L8	0	0.887226548	0.519	0.487	0
RPS19	0	0.884909432	1	0.997	0
JUNB	0	0.884094259	0.855	0.863	0
TP53AIP1	0	0.88224727	0.539	0.237	0
MT2A	0	0.876672684	0.81	0.535	0
TIMP1	0	0.87575402	0.462	0.104	0
RPS21	0	0.873160764	0.998	0.988	0
HNRNPA1	0	0.872899675	0.92	0.885	0
RPL3	0	0.869343675	1	0.996	0
PNRC1	0	0.852584474	0.736	0.703	0
RPS15A	0	0.84947814	1	0.992	0

MT-ND4L	0	0.849387461	0.61	0.566	0
RPL18A	0	0.845159597	1	0.996	0
BTF3	0	0.843251407	0.996	0.977	0
RPL11	0	0.841695911	1	0.997	0
KTN1	0	0.83970417	0.826	0.813	0
RPL19	0	0.839507184	1	0.996	0
POLR1D	0	0.839246533	0.838	0.823	0
MT-CO2	0	0.836466386	0.987	0.961	0
EGR1	0	0.835157992	0.808	0.764	0
RPL32	0	0.833150593	1	0.998	0

**Supplemental Table 2.** Genes included in the superficial gene signature.

gene	p_val	avg_log2FC	pct.1	pct.2	p_val_adj
CRCT1	0	6.663212326	0.998	0.407	0
CNFN	0	5.997242055	1	0.526	0
KRT78	0	5.298534143	0.994	0.27	0
SPRR2D	0	5.277971515	0.848	0.364	0
LYPD2	0	5.240212687	0.992	0.242	0
FAM25A	0	5.213556785	0.968	0.284	0
ECM1	0	5.109232069	0.998	0.372	0
MT1G	0	5.034032823	0.678	0.372	0
SPINK7	0	4.961649141	0.939	0.18	0
SPRR2A	0	4.847879757	0.952	0.567	0
TMPRSS11B	0	4.762628504	0.995	0.135	0
FTH1	0	4.539188087	0.999	0.952	0
MAL	0	4.438547514	1	0.571	0
HOPX	0	4.340963854	0.997	0.708	0
CRISP3	0	4.325306482	0.977	0.083	0
FLG	0	4.244267247	0.598	0.052	0
C15orf48	0	4.127274307	0.971	0.131	0
LCN2	0	4.051987717	0.973	0.343	0
ERO1A	0	4.012610375	0.981	0.314	0
SPRR2E	0	3.965579924	0.749	0.288	0
CRNN	0	3.951263614	0.999	0.386	0
EMP1	0	3.933290949	0.999	0.692	0
PSCA	0	3.913357265	0.941	0.127	0
S100P	0	3.784702209	0.879	0.116	0
MUC21	0	3.777149043	0.994	0.282	0
ADIRF	0	3.75946849	0.97	0.538	0
SPRR3	0	3.743637867	1	0.859	0
PHLDA1	0	3.551732291	0.941	0.11	0
PRSS27	0	3.295137849	0.983	0.179	0
SCEL	0	3.236097127	0.99	0.397	0
MXD1	0	3.197818467	0.97	0.203	0
TGM3	0	3.127514331	0.988	0.308	0
CYSRT1	0	3.101653855	0.981	0.343	0
TMPRSS11E	0	3.056300408	0.976	0.197	0
C4orf3	0	3.050301701	0.993	0.75	0
PPL	0	2.852724672	0.987	0.475	0
MT2A	0	2.842034342	0.718	0.718	0
MT1H	0	2.835812071	0.356	0.113	0
LMO7	0	2.834768659	0.954	0.297	0
AIF1L	0	2.790360446	0.942	0.117	0
SPRR1B	0	2.708646086	0.809	0.324	0
CSTB	0	2.708363743	1	0.949	0

SAMD9	0	2.691807079	0.944	0.317	0
SLURP2	0	2.682477446	0.855	0.289	0
NCCRP1	0	2.681409043	0.976	0.211	0
CAMK2N1	0	2.669605001	0.91	0.027	0
TTC9	0	2.669185763	0.948	0.196	0
EPS8L1	0	2.658087037	0.956	0.113	0
SPINK5	0	2.627968093	0.999	0.692	0
PPDPF	0	2.562754409	0.997	0.881	0
TIMP2	0	2.549920635	0.855	0.033	0
RNASE7	0	2.53043594	0.533	0.024	0
IL1RN	0	2.528853643	0.993	0.576	0
NIBAN2	0	2.474299436	0.818	0.354	0
DUSP5	0	2.450672188	0.845	0.114	0
SAT1	0	2.424408514	0.988	0.789	0
MT1M	0	2.422126718	0.292	0.094	0
S100A9	0	2.421642912	1	0.921	0
MYL12A	0	2.318396676	0.99	0.844	0
IL18	0	2.300159819	0.983	0.784	0
MUC1	0	2.283834402	0.792	0.071	0
TMOD3	0	2.271593495	0.974	0.598	0
C6orf132	0	2.250125477	0.957	0.427	0
FAM3D	0	2.238508466	0.9	0.195	0
ELF3	0	2.224858276	0.957	0.465	0
KRT17	0	2.208476981	0.553	0.312	0
SH3BGRL2	0	2.205070746	0.932	0.185	0
SPNS2	0	2.190006205	0.836	0.033	0
KRT16	0	2.188358007	0.754	0.32	0
A2ML1	0	2.17596011	0.973	0.392	0
ANXA11	0	2.172567648	0.972	0.567	0
MT1E	0	2.16294391	0.577	0.616	0
H2AFJ	0	2.10222954	0.976	0.626	0
GCHFR	0	2.049766	0.862	0.369	0
SFTA2	0	2.045810841	0.877	0.094	0
HILPDA	0	2.042207511	0.575	0.27	0
ADGRF1	0	1.991916337	0.82	0.122	0
ANXA1	0	1.954987483	1	0.969	0
MALL	0	1.94355763	0.973	0.472	0
SLURP1	0	1.937649171	0.918	0.313	0
RAB5IF	0	1.929411281	0.949	0.625	0
LGALS3	0	1.929328711	0.995	0.937	0
TAX1BP1	0	1.913210716	0.967	0.576	0
CLIC3	0	1.869309291	0.959	0.415	0
S100A8	0	1.85301537	1	0.885	0
PRSS3	0	1.828960014	0.862	0.093	0
CD59	0	1.819298232	0.967	0.624	0
CST6	0	1.818308314	0.878	0.119	0
GLUL	0	1.809863604	0.676	0.435	0

HPGD	0	1.807314504	0.912	0.383	0
KLK12	0	1.79835912	0.635	0.175	0
DHRS9	0	1.786528228	0.711	0.018	0
PLAC8	0	1.771809915	0.734	0.2	0
TMEM40	0	1.74106641	0.963	0.511	0
TPM4	0	1.723422329	0.969	0.664	0
SNCG	0	1.687185291	0.721	0.053	0
RIOK3	0	1.652755952	0.952	0.626	0
YOD1	0	1.652293029	0.693	0.078	0
SDCBP2	0	1.650459311	0.91	0.32	0
CD24	0	1.638709797	0.99	0.564	0

**Supplemental Table 3.** Genes corresponding to co-expressed modules along the EoE epithelial pseudotemporal trajectory.

gene	module	supermodule	dim_1	dim_2	status	p_value	morans_test_statistic	morans_I	q_value
AC020916.1	1	1	1.639280215	-2.488101603	OK	0	251.3780328	0.254997076	0
AC036176.3	1	1	1.684323863	-2.503947617	OK	0	126.1473819	0.127955766	0
ADH1C	1	1	0.319838539	-3.033913674	OK	0	106.8289895	0.108348199	0
ADM	1	1	0.863050229	-3.030575337	OK	0	143.3322682	0.145389691	0
APCDD1	1	1	0.538907961	-2.499797227	OK	0	158.4539216	0.16072909	0
APOBEC3A	1	1	2.508020416	-2.591249706	OK	0	144.5728216	0.146645358	0
AREG	1	1	2.392676488	-2.629367234	OK	0	257.2458014	0.260947948	0
ASS1	1	1	0.560633258	-2.920699002	OK	0	346.705388	0.35169657	0
BASP1	1	1	0.282518283	-3.296340169	OK	0	237.0933783	0.240497285	0
BCAM	1	1	0.468359694	-3.365264447	OK	0	257.5000892	0.261195281	0
BHLHE40	1	1	2.382114068	-2.643254162	OK	0	276.6513126	0.28063536	0
BMP2	1	1	0.852943898	-2.869146766	OK	0	105.7401336	0.10724814	0
BST2	1	1	-0.690088137	-2.770016672	OK	0	152.2795412	0.154464325	0
BTG2	1	1	1.574786977	-2.563254596	OK	0	277.813387	0.281814399	0
C1R	1	1	-0.585594281	-2.930390836	OK	0	251.4742279	0.25508269	0
CALML3	1	1	1.173150763	-1.425154926	OK	0	361.5015277	0.366709242	0
CASC19	1	1	0.111580805	-2.182737948	OK	0	142.600573	0.144642809	0
CAV1	1	1	0.09860243	-2.922177555	OK	0	514.6421679	0.522060707	0
CAVIN2	1	1	0.909654715	-2.925697805	OK	0	119.7009119	0.121415339	0
CCDC80	1	1	0.513993905	-2.903766514	OK	0	139.6095003	0.141598815	0
CCL20	1	1	1.002225228	-2.643324854	OK	9.37E-292	36.48564812	0.036994726	9.48E-292
CCL4	1	1	1.999881879	-4.156357737	OK	3.79E-152	26.2477909	0.026606686	3.81E-152
CCN1	1	1	0.77189231	-2.910440923	OK	0	197.8381453	0.200674161	0
CCND1	1	1	0.636073903	-1.770222904	OK	0	362.9119658	0.368141595	0
CCND2	1	1	0.367253617	-2.54338968	OK	0	234.2296091	0.23759432	0
CD55	1	1	2.35637571	-2.351353289	OK	0	370.4750918	0.375814658	0
CD74	1	1	-0.655046328	-2.785525443	OK	0	191.5775062	0.194331465	0
CDKN1A	1	1	2.458906785	-2.559730412	OK	0	264.6479424	0.268458584	0
CDKN2B	1	1	2.322521821	-2.245069148	OK	0	315.3491555	0.319890431	0
CFB	1	1	-0.672548517	-2.75234151	OK	0	142.8735756	0.144923465	0
CH25H	1	1	-0.303361758	-2.863647701	OK	0	243.1075023	0.246604479	0
CLDN4	1	1	2.610721961	-2.507062437	OK	0	486.9148983	0.493935886	0
CLEC2B	1	1	1.817905859	-4.081781508	OK	0	134.2228228	0.13614883	0
CLU	1	1	-0.615097388	-2.918249787	OK	0	115.1698537	0.116814647	0
COL17A1	1	1	0.254001633	-2.500339271	OK	0	547.7495959	0.555643717	0
CRABP2	1	1	1.807100311	-1.92574084	OK	0	365.6871792	0.370953409	0
CRIP1	1	1	1.011198164	-1.699302198	OK	0	152.03995	0.154224088	0
CRIP2	1	1	1.081225858	-1.483327152	OK	0	139.583941	0.14158715	0
CTNNAL1	1	1	0.117452518	-3.212987961	OK	0	523.8488433	0.531391276	0
CTSG	1	1	1.930303231	-4.230151118	OK	0	69.62924232	0.070601767	0
CXCL14	1	1	1.252691582	-1.564850332	OK	0	277.1710439	0.281144015	0
CXCL2	1	1	1.307683245	-1.749804498	OK	2.79E-184	28.92629484	0.02932487	2.81E-184
CYP2E1	1	1	-0.547377571	-2.791121842	OK	0	67.68390842	0.068647956	0
CYP3A5	1	1	1.863548533	-2.087296845	OK	0	103.0310223	0.104504573	0
DLK2	1	1	0.408009574	-3.390769394	OK	0	412.9989488	0.418934834	0
DST	1	1	0.461137876	-2.536338927	OK	0	568.3045922	0.576500484	0
DUSP2	1	1	1.954672948	-2.62598622	OK	0	51.81895849	0.052553487	0
EDN1	1	1	0.873765824	-3.031929316	OK	0	127.9897084	0.129814816	0
EFNB2	1	1	2.486477033	-2.501721026	OK	0	128.9859157	0.130835068	0
EGR3	1	1	1.452322618	-2.574064376	OK	0	84.38707069	0.08558792	0
EIF1AY	1	1	-0.087112948	-2.366085531	OK	0	70.75675467	0.07176476	0
EMP3	1	1	-0.209373459	-3.079365791	OK	0	256.9533955	0.260638811	0
EPHA2	1	1	2.656547204	-2.423860552	OK	0	246.0033154	0.249543809	0
FABP5	1	1	0.751234681	-2.021072628	OK	0	502.6097048	0.509847502	0
FKBP2	1	1	0.476845965	-3.516573073	OK	0	53.25941835	0.054015331	0
FLNA	1	1	-0.133041009	-2.099577548	OK	0	231.8223223	0.235158029	0
FST	1	1	0.414912657	-3.388290794	OK	0	125.6322119	0.127419657	0
FXYD5	1	1	0.292254106	-3.399874957	OK	0	96.55240375	0.097932855	0
G0S2	1	1	-0.157118663	-2.87777275	OK	0	140.1699029	0.142155865	0
GADD45A	1	1	1.241321043	-2.991256358	OK	0	196.1514741	0.198972735	0
GADD45B	1	1	2.258333341	-1.481868269	OK	0	105.6110451	0.107124251	0
GBP1	1	1	1.11546667	-2.944585206	OK	0	142.4951207	0.144538675	0
GBP4	1	1	-0.714406117	-2.427138926	OK	0	95.03652978	0.096395348	0
GCLC	1	1	0.342774705	-2.376273872	OK	0	203.325739	0.206248864	0
GEM	1	1	1.291326687	-1.651242735	OK	0	116.9290194	0.118554234	0
GLDC	1	1	-0.276514157	-2.633357288	OK	0	157.210424	0.15946526	0
GLUL	1	1	0.434214458	-2.757886411	OK	0	159.2299888	0.161517858	0
HBA2	1	1	2.493381993	-4.069203676	OK	0.000384831	3.363480976	0.003393754	0.000385056
HBB	1	1	2.377574102	-3.734611923	OK	5.27E-50	14.82207236	0.015011786	5.30E-50
HBEGF	1	1	2.164289252	-2.679343821	OK	0	153.9177792	0.156128672	0

HES1	1	1	1.357425228	-2.382722975	OK	0	201.3878748	0.204284314	0
HLA-DRA	1	1	-0.568672403	-2.835550191	OK	9.69E-265	34.7403494	0.035226997	9.80E-265
ID1	1	1	2.581723586	-2.617908122	OK	0	242.6811155	0.246174717	0
ID3	1	1	2.521021262	-2.492029907	OK	0	241.5798604	0.245057319	0
ID4	1	1	1.217843548	-1.420264246	OK	0	202.8877829	0.20580637	0
IFI27	1	1	-0.675456866	-2.200739743	OK	0	181.7270298	0.184339738	0
IFIT3	1	1	-0.703901156	-2.729019286	OK	0	74.26490012	0.075322566	0
IFITM1	1	1	-0.570020303	-2.7569654	OK	0	187.9036526	0.190596143	0
IFITM2	1	1	1.011107982	-1.782858373	OK	0	74.91433667	0.075982435	0
IGFBP3	1	1	0.371005431	-2.700244309	OK	0	306.9375209	0.311350376	0
IGFBP5	1	1	0.588681982	-2.719751121	OK	0	160.1798855	0.162478545	0
IGFBP6	1	1	0.787968048	-2.105188014	OK	0	262.7523086	0.266528557	0
IGFBP7	1	1	-0.346240743	-2.96817881	OK	0	352.2977457	0.357359273	0
IGHA1	1	1	2.557645098	-4.251122923	OK	1.41E-126	23.90349071	0.024215223	1.42E-126
IGKC	1	1	2.54377009	-4.25130731	OK	2.44E-46	14.24399628	0.014430413	2.45E-46
IGLC1	1	1	2.556192414	-4.246733756	OK	2.08E-45	14.09346196	0.014242158	2.09E-45
IGLC2	1	1	2.554935471	-4.255022736	OK	5.26E-49	14.66684552	0.014847509	5.28E-49
IGLC3	1	1	2.555681483	-4.232765646	OK	1.59E-16	8.165986867	0.008246619	1.60E-16
IL18	1	1	0.524979637	-3.263586702	OK	0	296.1337585	0.300398808	0
IL1R2	1	1	-0.234344944	-3.118945004	OK	0	545.0326173	0.552880492	0
IRF1	1	1	-0.604711636	-2.693165304	OK	0	170.8912911	0.173347244	0
ISG15	1	1	-0.662907823	-2.142244817	OK	0	53.05617638	0.053809125	0
ITGA6	1	1	0.254386679	-2.404686691	OK	0	303.19091	0.307556875	0
ITM2A	1	1	1.483513609	-1.334334852	OK	5.07E-44	13.86630512	0.014049758	5.08E-44
ITPKC	1	1	2.682129756	-2.470367552	OK	0	229.6816513	0.232987191	0
JCHAIN	1	1	2.560954109	-4.249203862	OK	3.61E-250	33.76159979	0.034170307	3.65E-250
KCNQ1OT1	1	1	1.962834135	-2.233455183	OK	0	90.04412084	0.09132927	0
KLF2	1	1	2.378366247	-1.980278374	OK	0	126.2714861	0.128081454	0
KLF6	1	1	1.352223173	-2.84309137	OK	0	265.1055937	0.268921095	0
KLK5	1	1	0.547773943	-3.337084921	OK	0	118.4480083	0.120138301	0
KRT14	1	1	1.203801558	-1.93390453	OK	0	517.0799878	0.524536923	0
KRT17	1	1	0.385406092	-2.944312097	OK	0	232.3568361	0.235701003	0
KRT31	1	1	0.948314369	-1.837954284	OK	0	56.15630649	0.056951543	0
KRT8	1	1	1.223441348	-1.860041501	OK	0	223.0145213	0.226223633	0
LAMB3	1	1	0.040065662	-2.469382884	OK	0	415.3611254	0.42134732	0
LDLR	1	1	2.208782212	-2.645735146	OK	0	155.3873989	0.157619287	0
LGALS1	1	1	1.380708233	-1.755956175	OK	2.14E-224	31.95732083	0.032402031	2.16E-224
LGALS7	1	1	1.090734795	-2.069419266	OK	0	126.3137809	0.128126543	0
LGALSL	1	1	2.319630281	-2.184257628	OK	0	335.0353637	0.339862205	0
LOXL4	1	1	-0.196646556	-2.750904919	OK	0	248.8545188	0.252411234	0
LSP1	1	1	1.118721039	-1.639778854	OK	8.94E-25	10.21000348	0.01034101	8.96E-25
LTF	1	1	-0.588402733	-2.765226962	OK	0	87.20869164	0.088434068	0
MAFF	1	1	2.511035935	-2.526869656	OK	0	211.3821363	0.21442287	0
MALAT1	1	1	1.566699818	-2.224784733	OK	0	274.782913	0.278732686	0
MAP3K8	1	1	2.390411869	-2.413751961	OK	0	135.6530637	0.137598662	0
MIDN	1	1	2.452559129	-2.541659714	OK	0	233.2363591	0.236593418	0
MT-ND4L	1	1	1.018873767	-2.333582045	OK	0	173.4250491	0.17591813	0
MTRNR2L8	1	1	0.833866731	-2.226135613	OK	0	48.66179031	0.04935217	0
MYADM	1	1	1.113583491	-2.805315138	OK	0	144.0347554	0.146098441	0
MYO1B	1	1	0.028748051	-2.444175841	OK	0	138.4852347	0.140469925	0
NCOA7	1	1	1.155426995	-2.834561767	OK	0	337.5638755	0.342427952	0
NEAT1	1	1	1.83694394	-2.380966427	OK	0	267.4669646	0.271313838	0
NEDD9	1	1	0.333454684	-2.761224748	OK	0	193.8402198	0.196605034	0
NIBAN1	1	1	-0.134676083	-2.076206686	OK	0	123.085989	0.12485015	0
NPPC	1	1	1.228182689	-1.538484813	OK	0	114.497038	0.11605357	0
NR4A1	1	1	1.543684438	-2.590475203	OK	0	169.8232228	0.172263505	0
NR4A2	1	1	1.54458274	-2.543335916	OK	4.35E-307	37.44012295	0.037966936	4.41E-307
NRARP	1	1	2.601736442	-2.467336895	OK	0	394.009364	0.399689073	0
NSUN6	1	1	1.329912082	-2.377381088	OK	0	49.45029147	0.050149525	0
OVOL1	1	1	2.476075903	-2.590224864	OK	0	188.088242	0.190792516	0
PDPN	1	1	-0.196337208	-2.996297182	OK	0	311.1397947	0.31560801	0
PEG3	1	1	0.799546667	-2.360571028	OK	9.24E-221	31.69454113	0.032130556	9.32E-221
PER3	1	1	0.675755561	-1.963496448	OK	0	132.3432152	0.134241907	0
PHGDH	1	1	0.522620664	-3.547712685	OK	0	233.1862418	0.23653939	0
PHLDA2	1	1	2.583079115	-2.493777754	OK	0	345.8296751	0.350813315	0
PLAUR	1	1	2.397017375	-2.617506148	OK	0	90.32190452	0.091612232	0
PLK2	1	1	1.187501684	-2.941412152	OK	0	172.1827367	0.174657582	0
PLK3	1	1	1.848076061	-2.375512125	OK	0	89.0196517	0.090292174	0
POSTN	1	1	-0.368769034	-2.501061918	OK	0	232.6168156	0.235962398	0
PRRX1	1	1	-0.340539917	-2.662184478	OK	0	223.6743965	0.226881018	0
PRSS23	1	1	-0.110737189	-2.750689747	OK	0	184.9629801	0.187602854	0
RAB11FIP1	1	1	2.403470889	-2.333914878	OK	0	462.1266184	0.468790566	0
RAB31	1	1	-0.025321587	-2.504320861	OK	0	94.22632269	0.095572087	0

RAMP1	1	1	0.188344732	-3.315486015	OK	0	317.2659924	0.321820029	0
RHOB	1	1	2.242625371	-1.449702264	OK	0	202.4356987	0.205347422	0
RPS4Y1	1	1	-0.055976137	-2.476873638	OK	0	186.392789	0.189073109	0
RRAD	1	1	2.504522458	-2.524190785	OK	0	279.0862894	0.283105414	0
S100A9	1	1	-0.452807649	-2.634343626	OK	0	389.1506354	0.394745634	0
SAA1	1	1	-0.542092308	-2.953328671	OK	0	186.5676271	0.189238399	0
SERPINB2	1	1	2.394515411	-2.290807606	OK	0	359.4517273	0.364632018	0
SLC1A3	1	1	0.518800721	-2.612765075	OK	0	347.6272537	0.352624721	0
SLC25A25	1	1	2.35760893	-2.665043356	OK	0	123.5270162	0.125297153	0
SLC7A2	1	1	0.472764239	-2.380517484	OK	0	111.0431031	0.112626557	0
SLC7A5	1	1	0.55456169	-2.591320039	OK	0	357.6538348	0.362800445	0
SNHG17	1	1	0.759468571	-2.21122575	OK	0	74.24134721	0.075300069	0
SOCS3	1	1	-0.331208214	-2.883567931	OK	0	140.3157356	0.142328816	0
SOD2	1	1	-0.593009814	-2.747240783	OK	0	188.8917606	0.191607998	0
SOX4	1	1	0.829217896	-2.552506448	OK	0	98.85032033	0.100265606	0
SOX9	1	1	2.555351988	-2.578988077	OK	0	98.2141115	0.099619063	0
SRGN	1	1	1.931935207	-4.225006135	OK	0	48.95780565	0.049640921	0
SYNPO2	1	1	-0.113116547	-2.643561007	OK	0	250.203614	0.253787951	0
SYT8	1	1	1.029980273	-1.718196632	OK	0	81.57041209	0.082734243	0
TIMP1	1	1	-0.365753516	-2.628055813	OK	0	347.6863231	0.352696174	0
TINAGL1	1	1	-0.211673602	-2.832720877	OK	0	168.6046847	0.171013468	0
TNC	1	1	-0.151409372	-2.705799343	OK	0	284.1738482	0.288246259	0
TNFAIP2	1	1	-0.658591493	-2.533924343	OK	0	197.2090193	0.200043031	0
TNFAIP3	1	1	1.433981672	-2.69384432	OK	0	50.76613644	0.051485738	0
TNFRSF12A	1	1	0.076904849	-2.818001153	OK	0	126.3962489	0.12820449	0
TPM2	1	1	0.403067157	-3.443870069	OK	0	192.4588265	0.195212845	0
TPPP3	1	1	1.007442192	-1.700606348	OK	0	89.45077119	0.090727134	0
TPSAB1	1	1	1.956884161	-4.246059717	OK	0	105.468717	0.106962053	0
TPSB2	1	1	1.921123997	-4.242013218	OK	0	113.88851	0.115504233	0
TRIB1	1	1	1.476699785	-2.838272633	OK	0	77.35067692	0.078454578	0
TSLP	1	1	0.266598836	-3.335943909	OK	0	368.0925964	0.373390112	0
TUBB2A	1	1	2.51715614	-2.008536817	OK	0	217.7546552	0.220887095	0
TXNIP	1	1	0.082129554	-2.866490068	OK	0	247.3527351	0.25091322	0
UGCG	1	1	-0.69958578	-2.452220918	OK	0	134.2644889	0.136191135	0
VIM	1	1	1.897630469	-4.184362801	OK	8.36E-207	30.66491519	0.031090937	8.43E-207
WNT10A	1	1	0.45750247	-3.267883422	OK	0	389.7178211	0.39532058	0
XIST	1	1	1.056280569	-2.099429132	OK	0	71.0457907	0.072058953	0
ZNF750	1	1	2.368177668	-4.243241021	OK	0	440.6977967	0.447051918	0
ASF1B	2	2	-4.339882597	-6.223984481	OK	0	303.6197256	0.307970249	0
ATAD2	2	2	-4.257139429	-5.882794859	OK	0	332.4975271	0.337284161	0
ATAD5	2	2	-4.159812673	-5.814746739	OK	0	294.7481882	0.298979108	0
BRCA1	2	2	-4.02936004	-5.897448064	OK	0	324.5089025	0.329167832	0
BRCA2	2	2	-4.240623697	-5.727677585	OK	0	307.555001	0.311968537	0
CARHSP1	2	2	-4.483340009	-6.193916322	OK	0	270.5745973	0.274470824	0
CCDC34	2	2	-5.148061498	-6.522906543	OK	0	265.4406665	0.269261787	0
CDCA5	2	2	-4.89060901	-5.893674852	OK	0	322.045084	0.326657235	0
CDCA7	2	2	-3.511877283	-6.095230581	OK	0	291.3183535	0.29550243	0
CDT1	2	2	-3.491524442	-6.169977667	OK	0	302.2505479	0.306593012	0
CENPK	2	2	-4.805449709	-6.448268177	OK	0	367.7205942	0.373007197	0
CENPM	2	2	-4.802062734	-6.448778869	OK	0	383.4095938	0.388921592	0
CENPU	2	2	-4.124042734	-6.1760664	OK	0	248.5664698	0.252141656	0
CEP78	2	2	-4.318910345	-5.683482887	OK	0	183.1694548	0.185795037	0
CHEK1	2	2	-3.690222486	-6.049997331	OK	0	290.5412327	0.294715062	0
CLSPN	2	2	-4.092672094	-6.093418361	OK	0	389.6023096	0.395192926	0
DEK	2	2	-3.670383676	-6.027088405	OK	0	361.7305588	0.36694275	0
DHFR	2	2	-4.31337808	-6.14951873	OK	0	336.6264085	0.341467552	0
DNMT1	2	2	-3.743537172	-5.96856928	OK	0	320.6282158	0.325245044	0
DUT	2	2	-3.766904577	-6.135896207	OK	0	312.5193279	0.317021209	0
E2F8	2	2	-4.827411875	-5.795890214	OK	0	224.0968609	0.227315581	0
ESCO2	2	2	-4.901314958	-5.854121448	OK	0	417.5632557	0.423550427	0
EZH2	2	2	-4.688194021	-5.789565684	OK	0	212.581927	0.21563699	0
FAM111B	2	2	-4.009516939	-6.045913459	OK	0	420.2372258	0.426279261	0
FANCI	2	2	-4.567585214	-5.804541232	OK	0	306.0426272	0.310436999	0
FBXO5	2	2	-4.943127378	-5.854895832	OK	0	294.1621827	0.298379331	0
FEN1	2	2	-3.990973696	-6.190478088	OK	0	301.9577638	0.306296898	0
GINS2	2	2	-3.501417383	-6.136640312	OK	0	349.9647539	0.354994236	0
GMNN	2	2	-3.658759817	-6.060009958	OK	0	260.1691145	0.263911436	0
HELLS	2	2	-3.728663191	-6.020137788	OK	0	414.2059156	0.420169044	0
HES4	2	2	-4.158427461	-6.237429859	OK	0	260.8087447	0.264562814	0
HIST1H1A	2	2	0.114293293	-8.624274255	OK	0	371.44293	0.376778034	0
HIST1H1B	2	2	0.127776817	-8.609434129	OK	0	447.9944124	0.454435521	0
HIST1H1C	2	2	0.10637565	-8.633271696	OK	0	179.4587549	0.182038482	0
HIST1H1D	2	2	0.135121599	-8.668076994	OK	0	341.452203	0.346366147	0

HIST1H1E	2	2	0.110581831	-8.627090456	OK	0	229.9497091	0.233257254	0
HIST1H2AC	2	2	0.187880472	-8.516907694	OK	0	177.2708799	0.17981758	0
HIST1H2AG	2	2	0.108157054	-8.632150652	OK	0	308.5419311	0.312967688	0
HIST1H2BC	2	2	0.111142234	-8.626455785	OK	0	183.31419	0.18594093	0
HIST1H3B	2	2	0.123162225	-8.601028444	OK	0	388.4850417	0.394043177	0
HIST1H3D	2	2	0.096465961	-8.64129305	OK	0	281.4909056	0.285528032	0
HIST1H3G	2	2	0.083851353	-8.65212536	OK	0	343.3052112	0.348208081	0
HIST1H4C	2	2	0.077952698	-8.66427374	OK	0	330.5816847	0.335344011	0
HIST2H2AC	2	2	0.103010551	-8.651292326	OK	0	184.0538168	0.186696979	0
HSPH1	2	2	-3.67821525	-5.328660609	OK	0	186.3407804	0.189020214	0
LIG1	2	2	-4.11584638	-6.018011333	OK	0	237.5323514	0.240941803	0
LMNB1	2	2	-4.492936357	-5.562939645	OK	0	393.3574489	0.399018086	0
MCM3	2	2	-3.465010389	-6.071926119	OK	0	309.77111593	0.314229662	0
MCM4	2	2	-3.668562158	-5.677072407	OK	0	240.359017	0.243816915	0
MCM5	2	2	-3.444336637	-6.189079525	OK	0	287.4815364	0.29161554	0
MCM6	2	2	-3.474766954	-6.032500984	OK	0	280.9989135	0.285035061	0
MCM7	2	2	-3.525834307	-6.165759803	OK	0	354.8152696	0.35992284	0
MELK	2	2	-5.142827257	-5.781885864	OK	0	259.7973015	0.263522647	0
MND1	2	2	-4.778887972	-6.44415784	OK	0	321.7540889	0.32636724	0
MNS1	2	2	-4.75841163	-6.368891002	OK	0	303.8454906	0.308196247	0
MSH6	2	2	-3.559077009	-5.851916076	OK	0	223.4767841	0.226689011	0
MYBL2	2	2	-4.730783685	-6.089763166	OK	0	330.5514179	0.335288675	0
NASP	2	2	-3.600200876	-6.051672699	OK	0	322.7272722	0.327376761	0
NCAPD3	2	2	-4.551370367	-5.688102485	OK	0	246.7831849	0.25032704	0
NCAPG2	2	2	-4.677098974	-5.685850503	OK	0	256.4721136	0.260147903	0
ORC6	2	2	-4.097230657	-6.138351919	OK	0	363.8643327	0.369093654	0
PCLAF	2	2	-4.957095369	-6.527775289	OK	0	448.9176111	0.455385143	0
PCNA	2	2	-3.632495149	-6.166114093	OK	0	320.7812437	0.325401937	0
PKMYT1	2	2	-4.581706747	-6.203773023	OK	0	315.0700891	0.319583693	0
PPIF	2	2	-3.486112818	-6.156327726	OK	0	120.3496948	0.122074771	0
PSIP1	2	2	-3.757222875	-6.017235519	OK	0	316.7354083	0.321295216	0
RAD51AP1	2	2	-4.81257604	-6.327401163	OK	0	345.7551801	0.350715451	0
RECQL	2	2	-3.741874918	-5.677526476	OK	0	128.7470146	0.130592743	0
RFC3	2	2	-3.862555727	-5.996248724	OK	0	202.5201102	0.205418977	0
RIF1	2	2	-3.734000429	-5.479385258	OK	0	203.6023775	0.206530179	0
RRM1	2	2	-4.059862837	-5.817682268	OK	0	281.6875114	0.285742545	0
RRM2	2	2	-4.812541708	-6.0115335	OK	0	477.6199408	0.484494517	0
SLC20A1	2	2	-4.178829893	-5.669030072	OK	0	113.0806074	0.114698065	0
SMC1A	2	2	-3.785370096	-5.439705254	OK	0	208.891864	0.211896333	0
SMC2	2	2	-4.432421907	-5.700499059	OK	0	351.0626718	0.356119374	0
TCOF1	2	2	-3.82350181	-5.511555077	OK	0	197.243147	0.200074937	0
TK1	2	2	-4.888381704	-6.520418407	OK	0	432.2123114	0.438437922	0
TMEM106C	2	2	-4.825308069	-6.505574228	OK	0	220.6734587	0.223848049	0
TMPO	2	2	-4.541800245	-5.503974678	OK	0	294.0909353	0.298326686	0
TYMS	2	2	-4.602869734	-6.357121946	OK	0	466.8802178	0.473601802	0
UBE2T	2	2	-5.241653665	-6.156429769	OK	0	350.8187575	0.355865515	0
WDR76	2	2	-3.752479299	-5.981121542	OK	0	237.6101167	0.241014802	0
ZWINT	2	2	-4.903456434	-6.489760877	OK	0	347.7647229	0.352767629	0
ANLN	3	2	-6.648049578	-5.714152695	OK	0	475.0182829	0.481849672	0
ANP32E	3	2	-6.73941873	-6.172750475	OK	0	250.3710827	0.253974298	0
ARHGAP11A	3	2	-6.777717813	-5.838612081	OK	0	324.5657833	0.329220512	0
ARL6IP1	3	2	-6.589393839	-6.875190975	OK	0	225.2103818	0.228451188	0
ASPM	3	2	-7.028236135	-6.294601919	OK	0	518.3509325	0.525807504	0
AURKA	3	2	-7.268601641	-5.791764261	OK	0	334.7481773	0.339551524	0
AURKB	3	2	-6.967200979	-5.388160946	OK	0	402.6692237	0.408447032	0
BIRC5	3	2	-6.51559852	-6.716683151	OK	0	477.3368896	0.484209069	0
BUB1	3	2	-7.06103681	-6.225082876	OK	0	380.6895813	0.386139402	0
BUB1B	3	2	-6.433765634	-5.488328458	OK	0	354.5448231	0.359622181	0
CCNA2	3	2	-6.798074468	-5.643153073	OK	0	488.430511	0.495452876	0
CCNB1	3	2	-6.612406477	-6.834413053	OK	0	419.4382514	0.425475142	0
CCNB2	3	2	-6.590443357	-6.824827911	OK	0	427.368051	0.433512858	0
CDC20	3	2	-6.623996958	-6.819634916	OK	0	440.6831851	0.447020122	0
CDCA3	3	2	-7.240159258	-5.748948337	OK	0	379.5626451	0.385006021	0
CDCA8	3	2	-7.095297083	-5.58951986	OK	0	398.6056673	0.404322532	0
CDK1	3	2	-6.301931127	-5.387701513	OK	0	456.769362	0.463341824	0
CDKN3	3	2	-6.58290027	-6.838282587	OK	0	449.2620406	0.455724218	0
CENPA	3	2	-7.288852915	-6.132091047	OK	0	428.3067258	0.434441798	0
CENPE	3	2	-7.096781	-6.299931528	OK	0	450.2198086	0.456690091	0
CENPF	3	2	-6.81276296	-6.486492159	OK	0	508.4613173	0.515783687	0
CENPN	3	2	-6.086987718	-6.710673095	OK	0	265.6445725	0.269459926	0
CENPW	3	2	-6.137951597	-6.794540645	OK	0	410.6286908	0.416545617	0
CEP55	3	2	-6.933035152	-6.358020784	OK	0	488.8382505	0.495862664	0
CKAP2	3	2	-7.071952089	-5.882383348	OK	0	273.5440429	0.277480308	0

CKAP2L	3	2	-6.44093202	-5.345185162	OK	0	394.9006833	0.400563152	0
CKAP5	3	2	-6.926187261	-6.093642236	OK	0	173.8331852	0.176327414	0
CKS1B	3	2	-5.841136678	-6.277043344	OK	0	315.6493946	0.320196158	0
CKS2	3	2	-7.375025018	-6.045836212	OK	0	265.0567637	0.268872725	0
DBF4	3	2	-6.547476515	-5.658339383	OK	0	220.4418124	0.223608834	0
DDX39A	3	2	-6.257055506	-6.820527794	OK	0	233.5166373	0.236876163	0
DEPDC1	3	2	-7.024569258	-5.820917846	OK	0	429.0195123	0.435177035	0
DIAPH3	3	2	-6.103458627	-5.513811351	OK	0	383.3640675	0.388864589	0
DLGAP5	3	2	-7.136504396	-6.334923031	OK	0	509.9364777	0.517260648	0
DTYMK	3	2	-6.040547117	-6.675614597	OK	0	288.3997887	0.292551862	0
ECT2	3	2	-6.868090376	-6.169924022	OK	0	296.345316	0.300606054	0
FAM83D	3	2	-7.374053224	-5.938319446	OK	0	178.0695124	0.180627389	0
FOXM1	3	2	-6.520667776	-5.68304825	OK	0	270.2818502	0.274153927	0
GTSE1	3	2	-7.221380457	-5.758037092	OK	0	459.0597043	0.46564352	0
H2AFX	3	2	-6.286169275	-5.266152383	OK	0	263.2412019	0.267029414	0
H2AFZ	3	2	-6.008220419	-6.787251474	OK	0	338.9789411	0.343861623	0
HJURP	3	2	-6.466233	-5.389489652	OK	0	334.6720879	0.339459107	0
HMGB2	3	2	-5.926471456	-5.909514429	OK	0	345.8882459	0.350872337	0
HMGB3	3	2	-6.373661264	-6.787762882	OK	0	237.7025782	0.241122218	0
HMMR	3	2	-7.171529039	-6.263320924	OK	0	498.1264527	0.505282954	0
KIF11	3	2	-6.3515179	-5.559972407	OK	0	381.813916	0.387305332	0
KIF20B	3	2	-6.944953188	-6.160136463	OK	0	377.0758759	0.382501862	0
KIF23	3	2	-7.137694582	-5.703711869	OK	0	443.0448743	0.449400458	0
KIF2C	3	2	-6.999280676	-5.816839697	OK	0	400.3925918	0.406130444	0
KIFC1	3	2	-6.399281248	-5.354016544	OK	0	356.6972792	0.361812066	0
KNL1	3	2	-6.758521303	-5.885560514	OK	0	424.8288366	0.430925865	0
KNSTRN	3	2	-7.357202753	-6.137953998	OK	0	257.8392919	0.261533794	0
KPNA2	3	2	-7.380627855	-6.06981969	OK	0	318.2757918	0.322855713	0
LMNB2	3	2	-6.621737703	-5.829898836	OK	0	244.4724342	0.247986341	0
MAD2L1	3	2	-5.760776743	-6.289104225	OK	0	414.4505642	0.420416252	0
MKI67	3	2	-6.593795522	-5.804621221	OK	0	526.9579538	0.53454879	0
MXD3	3	2	-7.073845609	-5.519011857	OK	0	290.628833	0.294788936	0
NCAPD2	3	2	-6.687580332	-6.022724153	OK	0	245.3189966	0.248841529	0
NCAPG	3	2	-6.390696272	-5.46391225	OK	0	408.6318355	0.414496461	0
NDC80	3	2	-6.377324327	-5.320534469	OK	0	404.7600497	0.410566063	0
NUF2	3	2	-6.949828848	-5.769080998	OK	0	462.6247398	0.469268259	0
NUSAP1	3	2	-6.496127828	-5.388550283	OK	0	516.8984844	0.524342178	0
PBK	3	2	-6.360498651	-5.340116145	OK	0	478.6983939	0.485577757	0
PHF19	3	2	-6.142628893	-6.6771369	OK	0	241.2201096	0.244688147	0
PLK1	3	2	-7.373345598	-6.021597387	OK	0	415.7317079	0.421690451	0
PRC1	3	2	-6.78877376	-5.697126629	OK	0	505.0432295	0.512314444	0
PRR11	3	2	-7.028197511	-6.392035963	OK	0	317.0958097	0.321633075	0
PTTG1	3	2	-6.300870642	-6.882250311	OK	0	389.5862866	0.395201744	0
RACGAP1	3	2	-6.878368601	-5.820924999	OK	0	265.8963449	0.269714191	0
SAP30	3	2	-6.628558382	-5.382044079	OK	0	197.6123397	0.20045162	0
SGO1	3	2	-6.403075441	-5.543348433	OK	0	382.9713219	0.38846642	0
SGO2	3	2	-7.080720171	-5.92029071	OK	0	380.4967547	0.385960121	0
SMC4	3	2	-6.675787672	-5.87640238	OK	0	306.5606786	0.31097631	0
SPC25	3	2	-6.340055212	-5.341148497	OK	0	383.6302199	0.389128815	0
SPDL1	3	2	-6.872765764	-5.842988969	OK	0	162.0347877	0.164354662	0
STMN1	3	2	-5.824393019	-6.720142843	OK	0	471.9225507	0.478726733	0
TACC3	3	2	-6.438571199	-5.421845438	OK	0	372.5025199	0.377849588	0
TOP2A	3	2	-6.928583368	-5.701792719	OK	0	513.486736	0.520879003	0
TPX2	3	2	-6.835941061	-5.7866807	OK	0	506.3080196	0.513596154	0
TROAP	3	2	-6.525570616	-6.871572258	OK	0	288.1826309	0.292315512	0
TTK	3	2	-6.795947775	-5.780751468	OK	0	396.9420042	0.402639219	0
TUBA1B	3	2	-5.956985697	-6.755624057	OK	0	321.286051	0.325913918	0
TUBB	3	2	-5.638810381	-6.600142481	OK	0	298.4346713	0.302733052	0
UBE2C	3	2	-7.237405046	-5.704974176	OK	0	441.0608542	0.447406164	0
UBE2S	3	2	-7.350721582	-5.938884498	OK	0	200.7814907	0.203669475	0
A2ML1	4	1	1.891713277	-0.120636465	OK	0	578.0125791	0.586349872	0
A4GALT	4	1	0.016242102	0.500440596	OK	0	285.3128117	0.289413993	0
AC005532.1	4	1	2.78548576	1.009047983	OK	0	280.409881	0.284418872	0
AC008397.1	4	1	0.830541004	1.249374388	OK	0	143.2849463	0.145339239	0
AC068587.4	4	1	0.675012976	1.432837008	OK	0	196.7178579	0.199541358	0
ACPP	4	1	2.342656032	0.278525828	OK	0	199.6201526	0.202486993	0
AGR2	4	1	2.474897281	1.620139597	OK	8.10E-113	22.54169602	0.022852451	8.14E-113
AIFM2	4	1	2.378798023	2.13858795	OK	0	100.4310324	0.101864991	0
AKR1B10	4	1	2.818512574	-0.774807216	OK	0	225.3844686	0.228625234	0
AKR1C1	4	1	2.833771483	-0.828878404	OK	0	84.04776588	0.085246431	0
AKR1C2	4	1	2.859662071	-0.8199389	OK	0	107.320345	0.10885511	0
AKR1C3	4	1	2.872497455	-0.799954893	OK	0	115.1200906	0.116766073	0
AL355312.4	4	1	2.920897022	2.806670187	OK	0	164.3823196	0.166712337	0

ALDH1A1	4	1	1.694270984	-0.671384813	OK	0	166.3984131	0.168780078	0
ALDH3B2	4	1	0.922371399	0.048130034	OK	0	343.2903912	0.348234824	0
ALOX12	4	1	2.88248469	1.174239634	OK	0	235.8135734	0.239172918	0
ALOX15B	4	1	2.391708032	-0.474366905	OK	0	68.19855221	0.069166303	0
ANKRD35	4	1	2.310582772	-0.383000614	OK	0	145.9227264	0.148013409	0
ANXA1	4	1	2.045872585	1.193990706	OK	0	250.8113796	0.254392244	0
ANXA3	4	1	0.921872147	0.816580771	OK	0	380.7749084	0.386262547	0
ASPG	4	1	1.754521981	1.836862562	OK	0	436.7374864	0.443032521	0
ATP13A4	4	1	0.249626294	0.977228163	OK	0	259.4040441	0.263128117	0
ATP1B1	4	1	1.334709123	0.925743578	OK	0	286.7203277	0.290850006	0
BEX4	4	1	2.877670423	1.555563448	OK	0	131.258638	0.133140826	0
BICDL2	4	1	1.032992796	1.797529219	OK	0	418.8785116	0.424916145	0
BNIP3	4	1	2.943675295	1.725236414	OK	0	216.0187422	0.219118728	0
C10orf99	4	1	2.477624074	-0.382632496	OK	0	300.3851886	0.30470966	0
C15orf48	4	1	2.983681694	0.729429004	OK	0	499.9754921	0.507173773	0
C4orf3	4	1	2.075654403	1.675032614	OK	0	349.1688992	0.354198213	0
C8orf82	4	1	2.740573541	-0.103051426	OK	0	129.4587772	0.131316005	0
CALB2	4	1	2.740789906	2.808746813	OK	0	230.5555349	0.233783494	0
CALML5	4	1	1.214829371	1.378087996	OK	0	329.1750199	0.333913761	0
CAPN14	4	1	0.013118998	0.054205893	OK	0	428.6675591	0.434848227	0
CASTOR1	4	1	2.523007528	0.100628851	OK	0	217.3463446	0.220467274	0
CBR3	4	1	2.661850826	-0.336713554	OK	0	226.9621347	0.230228449	0
CCNYL1	4	1	2.590217487	2.890558241	OK	0	88.93180731	0.09019631	0
CD24	4	1	1.887667971	1.186091898	OK	0	620.4954414	0.629444398	0
CDA	4	1	2.855691091	1.064485071	OK	0	294.1648014	0.298380794	0
CDH26	4	1	0.053598539	0.601023196	OK	0	532.2038556	0.539873649	0
CEACAM1	4	1	0.515894607	1.404805659	OK	0	320.9092895	0.325516697	0
CEACAM5	4	1	0.372260944	1.135502814	OK	0	568.2811714	0.576472267	0
CEACAM6	4	1	0.283144251	1.206619261	OK	0	452.4860501	0.45900734	0
CES1	4	1	2.360600368	-0.429948332	OK	0	246.4902038	0.250017345	0
CFD	4	1	1.187712506	1.825720785	OK	0	122.640353	0.124398921	0
CGN	4	1	0.209066883	0.820115565	OK	0	194.8267738	0.197618967	0
CITED4	4	1	2.740355984	-0.243822338	OK	0	325.7651487	0.33045872	0
CLCA4	4	1	0.761373394	0.817988871	OK	0	482.5257374	0.489482999	0
CLDN10	4	1	2.529442683	2.208148478	OK	0	250.1852554	0.253675351	0
CLIC3	4	1	1.230176911	1.439811228	OK	0	614.1757048	0.623036612	0
CNFN	4	1	2.98389031	2.639574526	OK	0	409.1930547	0.415089104	0
CNN3	4	1	2.288358704	0.575354098	OK	0	357.4356518	0.362585813	0
COX7A1	4	1	2.974779621	3.300049303	OK	0	40.77811439	0.041349314	0
CPVL	4	1	1.721601025	-0.703951599	OK	0	100.6883141	0.102125067	0
CRCT1	4	1	3.082562939	2.963946818	OK	0	534.7643131	0.542462813	0
CRISP3	4	1	2.897492186	2.875373362	OK	0	735.9159145	0.7464386	0
CRNN	4	1	2.821413413	1.232228278	OK	0	654.9954888	0.664442004	0
CRYAB	4	1	2.911975161	1.436168192	OK	0	233.3577469	0.236711137	0
CST3	4	1	1.679118053	1.142904248	OK	0	226.8616732	0.230121189	0
CST6	4	1	2.639604107	2.887928007	OK	0	511.3496995	0.518695673	0
CSTA	4	1	2.129539744	1.450359343	OK	0	337.1288839	0.341971213	0
CSTB	4	1	2.192768947	1.327327727	OK	0	319.268586	0.323840315	0
CTNNBIP1	4	1	2.674344794	-0.175788881	OK	0	319.16856	0.323766695	0
CTTNBP2	4	1	1.952348367	-0.34841633	OK	0	341.4477042	0.346364698	0
CWH43	4	1	2.460269347	0.201596258	OK	0	285.178642	0.289265824	0
CXCL17	4	1	0.921782557	1.222795962	OK	0	477.262265	0.484144516	0
CXXC5	4	1	0.79262969	1.69540882	OK	0	230.1887361	0.233499427	0
CYP2C18	4	1	1.678719238	-0.164933921	OK	0	187.6605934	0.190352943	0
CYP4B1	4	1	1.47916241	-0.636459829	OK	0	267.3179709	0.271165681	0
CYP51A1	4	1	-0.950810059	0.937862395	OK	0	198.7919872	0.20165127	0
CYSRT1	4	1	1.584583656	2.066393374	OK	0	625.8978119	0.634925839	0
DDAH2	4	1	0.487227277	0.875252245	OK	0	209.6080141	0.212622787	0
DEFB1	4	1	1.550190524	-0.672664644	OK	0	305.7592893	0.310163766	0
DEGS2	4	1	2.481653825	-0.1639874	OK	0	370.6941318	0.376030087	0
DIO2	4	1	0.314949886	1.053826331	OK	0	444.5257296	0.450923741	0
DMKN	4	1	1.002553598	1.290452956	OK	0	417.0286926	0.423040556	0
DNASE1L3	4	1	2.687181011	-0.693595173	OK	0	60.31481784	0.061170329	0
DSC2	4	1	1.595102743	-0.392863037	OK	0	493.7029115	0.500821855	0
DSG1	4	1	2.346274987	-0.184188368	OK	0	214.1713862	0.217209757	0
DYNLT3	4	1	1.464370028	0.097176073	OK	0	459.416003	0.466040665	0
ECM1	4	1	3.085807577	2.952061175	OK	0	518.096523	0.525563313	0
EGLN3	4	1	0.061429218	0.815330504	OK	0	245.6607025	0.24919467	0
EHD3	4	1	0.093974367	1.610520838	OK	0	191.7791492	0.194533193	0
ELL2	4	1	1.705955402	-0.297456505	OK	0	209.4195313	0.21243179	0
ELOVL4	4	1	0.739471227	0.677093504	OK	0	223.2936189	0.226502083	0
EMP1	4	1	2.829419986	2.286886214	OK	0	443.7120214	0.450108244	0
ENDOU	4	1	2.54721512	0.610316275	OK	0	334.4786733	0.339278169	0

EPB41L3	4	1	2.862268821	1.611585139	OK	0	257.5623751	0.261211827	0
EPHX3	4	1	1.341057495	1.161260126	OK	0	291.4868824	0.29568367	0
EREG	4	1	2.331188337	1.988231657	OK	0	235.7198365	0.239058113	0
ETNK2	4	1	2.509976045	-0.274088384	OK	0	134.7491731	0.136673225	0
EVPL	4	1	0.337948219	0.063773154	OK	0	378.3322097	0.383785382	0
F3	4	1	2.918667093	1.333381651	OK	0	114.480609	0.116096671	0
FAM25A	4	1	2.948396937	3.376667021	OK	0	608.867759	0.61761339	0
FAM3B	4	1	0.796358824	0.809432505	OK	0	584.4285613	0.592859181	0
FAM3D	4	1	2.300568596	1.917214392	OK	0	663.9994596	0.673563586	0
FAM83A	4	1	0.172454015	1.219733237	OK	0	286.1997994	0.290319907	0
FETUB	4	1	0.283221856	0.810892104	OK	0	475.6023852	0.482432717	0
FGF11	4	1	-0.058230265	0.448318957	OK	0	155.6722978	0.157901843	0
FGFBP1	4	1	-0.965856775	0.937648772	OK	0	309.3057201	0.313761821	0
FMO2	4	1	-0.152447089	0.761231898	OK	0	177.0366765	0.179580852	0
FNDC4	4	1	2.759022371	2.182997702	OK	0	306.9385248	0.311293474	0
FUOM	4	1	1.061342136	1.679071902	OK	0	103.8095339	0.105295568	0
GABRP	4	1	0.087931052	0.24921131	OK	0	375.323666	0.380732484	0
GADD45G	4	1	2.479283706	-0.259688856	OK	0	98.44566144	0.099849516	0
GBP6	4	1	1.611602858	-0.215933563	OK	0	512.5143507	0.519903975	0
GCNT3	4	1	0.260955468	0.952297686	OK	0	404.6933837	0.410508647	0
GDPD3	4	1	2.593174473	0.719751356	OK	0	469.1828156	0.47593696	0
GJB2	4	1	1.371929959	0.681958197	OK	0	355.6477572	0.360773205	0
GJB6	4	1	1.207641379	0.704520701	OK	0	402.2779436	0.408076588	0
GLTP	4	1	1.380558357	0.891863345	OK	0	304.6894249	0.309077658	0
GNG4	4	1	2.075480357	1.869416712	OK	0	431.5150323	0.437704767	0
GPR160	4	1	0.062666372	0.886410712	OK	0	167.3407471	0.169732357	0
GPX2	4	1	2.793054715	-0.808768989	OK	0	133.2438973	0.135154468	0
GPX3	4	1	2.613265649	0.909512041	OK	0	283.5345129	0.287605313	0
GRHL3	4	1	1.211949841	-0.140882732	OK	0	251.2249215	0.254839698	0
GSN	4	1	1.752858893	0.796848296	OK	0	376.292767	0.381714297	0
GSTA1	4	1	1.779266194	-0.627222778	OK	0	137.3851127	0.139339134	0
GSTM3	4	1	2.777192608	-0.850568535	OK	0	217.7896179	0.22092253	0
GSTT2B	4	1	2.679171935	2.768601893	OK	0	42.74445998	0.043344181	0
HIF1A	4	1	1.945037738	0.138905524	OK	0	149.890068	0.15204252	0
HMGCS1	4	1	-0.91551946	0.911790846	OK	0	275.885265	0.279857904	0
HMOX2	4	1	1.807944611	2.239630698	OK	0	215.2434171	0.21834002	0
HOPX	4	1	2.457014338	1.924052714	OK	0	471.7445903	0.47854694	0
HPSE	4	1	2.156444327	2.156604765	OK	0	81.75021888	0.08291292	0
HS3ST1	4	1	-0.019545897	0.565165995	OK	0	308.3170718	0.312756955	0
HSPA1A	4	1	2.025708572	-0.889182808	OK	0	220.5169297	0.223689294	0
HSPA1B	4	1	1.987976924	-0.835098745	OK	0	166.0934935	0.168480686	0
IDI1	4	1	-0.993477091	0.983612536	OK	0	154.2160302	0.156430856	0
IFFO2	4	1	0.368857161	-0.038939716	OK	0	285.3620682	0.28947023	0
IFI35	4	1	-0.257952913	0.058422564	OK	0	174.3475072	0.176852125	0
IGFL1	4	1	2.89848663	1.440986632	OK	0	176.6862462	0.179207675	0
IL12A-AS1	4	1	2.602432743	2.423913	OK	0	377.3523034	0.382700199	0
INSIG1	4	1	-0.883813008	0.945471285	OK	0	142.6558754	0.144701404	0
ISG20	4	1	2.134493724	1.835484503	OK	0	260.467267	0.264206833	0
IVL	4	1	2.328467385	0.443246363	OK	0	548.5438079	0.556455175	0
KALRN	4	1	0.312571124	0.790946959	OK	0	192.7387168	0.195502054	0
KCNK7	4	1	2.536251799	-0.579657795	OK	0	292.2925825	0.296501176	0
KIAA1211L	4	1	1.704932646	-0.270336153	OK	0	173.7964577	0.176291552	0
KIF21A	4	1	1.416155771	0.667404173	OK	0	240.6225903	0.244085453	0
KLK10	4	1	0.531004116	1.157840727	OK	0	303.5932559	0.307966784	0
KLK11	4	1	1.636212066	0.60234165	OK	0	442.831086	0.449215493	0
KLK12	4	1	0.345472769	1.598014353	OK	0	623.3935802	0.632373269	0
KLK13	4	1	0.474616066	1.37721443	OK	0	495.5938624	0.502740792	0
KLK6	4	1	0.396938965	1.916517733	OK	0	157.4716702	0.159700176	0
KLK7	4	1	0.513064877	1.071659087	OK	0	394.0594654	0.399727459	0
KLK8	4	1	0.594659612	1.212487219	OK	0	184.9105103	0.187568815	0
KRT24	4	1	0.51401724	1.510684489	OK	0	279.6687924	0.283668688	0
KRT4	4	1	1.33734189	-0.107780458	OK	0	510.4046644	0.517760632	0
KRT6A	4	1	2.299380079	-0.224249126	OK	0	489.094413	0.49614132	0
KRT6B	4	1	2.369384781	-0.192881586	OK	0	379.5929138	0.385063679	0
KRT6C	4	1	2.39508988	-0.196428539	OK	0	295.7432313	0.300000403	0
KRT78	4	1	3.040285841	3.064028738	OK	0	676.0771032	0.685800214	0
KRTDAP	4	1	0.817564123	1.374743937	OK	0	86.4545668	0.087676187	0
LCN2	4	1	0.287852482	2.102612494	OK	0	406.9989418	0.412864953	0
LGALS7B	4	1	0.617081628	-0.052035572	OK	0	297.1630148	0.301437822	0
LINC02487	4	1	2.338762537	2.180424212	OK	0	313.4188888	0.317835254	0
LIPH	4	1	0.696610615	1.137707232	OK	0	328.1725215	0.332871327	0
LPCAT4	4	1	0.042642609	0.442589758	OK	0	224.577213	0.227806447	0
LRRC8A	4	1	0.365402893	0.177682875	OK	0	245.6056258	0.249141065	0

LY6G6C	4	1	0.562588797	1.142948626 OK	0	270.3565806	0.274244555	0
LYPD2	4	1	2.941634432	2.830833433 OK	0	625.1571043	0.634152565	0
LYPD3	4	1	1.610132233	0.842330454 OK	0	476.2371706	0.483102607	0
MAF	4	1	1.601964787	-0.427716018 OK	0	206.0983223	0.209063118	0
MAFB	4	1	2.128156201	-0.676138879 OK	0	232.9020533	0.236253847	0
MAL	4	1	2.821851627	1.165320872 OK	0	597.542185	0.606161367	0
MAL2	4	1	1.590066746	0.476337908 OK	0	473.1410088	0.479962453	0
MBOAT2	4	1	0.428181962	0.63414192 OK	0	367.9772419	0.373278308	0
ME1	4	1	1.418652252	0.551196097 OK	0	214.381397	0.217458054	0
MGLL	4	1	2.435696975	-0.088659765 OK	0	514.0350502	0.521448241	0
MGST1	4	1	2.816961662	-0.860919716 OK	0	145.4212036	0.147509695	0
MIR210HG	4	1	2.529174582	1.486824988 OK	0	188.879432	0.191590452	0
MROH6	4	1	0.1757188	1.771239756 OK	0	189.8738339	0.192598306	0
MSMO1	4	1	-0.964754924	0.951216219 OK	0	167.6398132	0.17004831	0
MT1X	4	1	1.249868617	-0.953428508 OK	0	419.4349072	0.425481502	0
MUC15	4	1	1.499438242	-0.156594278 OK	0	391.3346429	0.396973607	0
MUC21	4	1	2.914217488	1.21543598 OK	0	699.7974673	0.709878134	0
MUC4	4	1	0.076539413	0.971407889 OK	0	241.1563831	0.244620728	0
MYH14	4	1	0.457549438	0.138987063 OK	0	368.9494007	0.374264688	0
NAGK	4	1	2.31937565	0.31576824 OK	0	393.0135785	0.3986788	0
NBEAL2	4	1	0.383789912	0.043907402 OK	0	277.5770228	0.281572603	0
NDUFA4L2	4	1	2.797015444	1.523150919 OK	0	276.55743	0.280534111	0
NQO1	4	1	2.80452408	-0.762233974 OK	0	235.9907708	0.239386545	0
NUAK2	4	1	0.500038013	0.875808714 OK	0	134.9488258	0.136880176	0
NUCB2	4	1	2.366094962	0.279266356 OK	0	442.5090941	0.448889253	0
NUDT8	4	1	2.78912522	-0.128304245 OK	0	362.8969509	0.368127035	0
OAS1	4	1	1.002851867	0.851389407 OK	0	234.2392558	0.237609954	0
PALMD	4	1	2.448580161	0.162383555 OK	0	173.6776309	0.176173171	0
PAQR8	4	1	2.650168554	0.643744467 OK	0	176.6039156	0.179127011	0
PCDH1	4	1	0.242435232	1.470964907 OK	0	248.4782395	0.25204774	0
PDLIM2	4	1	2.020938173	1.288282393 OK	0	267.415289	0.271266086	0
PGD	4	1	0.832945183	-0.035960676 OK	0	352.5557302	0.357635586	0
PHLDB3	4	1	0.859459805	1.56955242 OK	0	104.6262452	0.10612277	0
PI3	4	1	0.651783243	1.354278563 OK	0	407.2748079	0.413141209	0
PIM1	4	1	2.146765963	1.91542816 OK	0	263.4145094	0.267206758	0
PLAC8	4	1	0.144597188	0.950612543 OK	0	419.7971349	0.425848322	0
PLBD1	4	1	1.078558013	1.830584048 OK	0	281.9677579	0.286028024	0
PMM1	4	1	2.155951992	1.748418806 OK	0	207.2343136	0.210215147	0
PPM1K	4	1	1.830320135	-0.580988409 OK	0	138.4886736	0.140473692	0
PPP1R3C	4	1	0.153254465	1.80726528 OK	0	237.4020019	0.240802696	0
PRSS3	4	1	0.542852387	1.180968283 OK	0	629.5136468	0.638585225	0
PTGR1	4	1	2.57114257	-0.548101665 OK	0	281.6081875	0.285663606	0
PTN	4	1	1.697821394	-0.685350181 OK	0	326.1350535	0.330834138	0
RAB10	4	1	1.839724854	0.852697848 OK	0	370.9534977	0.376298335	0
RAET1E	4	1	1.454727665	0.269239901 OK	0	328.9915155	0.333726505	0
RAET1L	4	1	0.805305049	1.064347742 OK	0	355.554163	0.36066827	0
RASGRP1	4	1	-0.114824518	0.029162405 OK	0	246.8680743	0.250418403	0
RBP1	4	1	2.246383802	1.950140951 OK	0	66.85399463	0.067804417	0
RBP7	4	1	2.573333398	1.235962389 OK	0	209.4662368	0.212477003	0
RHCG	4	1	1.694526151	1.07136154 OK	0	628.5327879	0.637593626	0
RHOD	4	1	1.926361099	1.449175833 OK	0	296.7577027	0.301032408	0
RTKN2	4	1	2.170628206	2.034021376 OK	0	206.497866	0.209466094	0
S100A12	4	1	2.697557107	2.427675246 OK	0	288.4841636	0.292621847	0
S100A14	4	1	2.043817178	1.279992579 OK	0	107.595503	0.109126691	0
S100A4	4	1	1.698409871	1.330492972 OK	0	78.06581567	0.079180974	0
S100A6	4	1	2.08193554	1.355507849 OK	0	175.1576173	0.177668345	0
S100A7	4	1	0.50630121	1.987516402 OK	0	182.4658658	0.185082021	0
S100A8	4	1	2.121369497	-1.022029878 OK	0	350.5692893	0.355614645	0
SAMD5	4	1	1.966120139	-0.293299677 OK	0	212.2935678	0.21533272	0
SBSN	4	1	1.093760059	1.207814215 OK	0	506.6516845	0.51395684	0
SCD	4	1	-0.839996084	0.86882448 OK	0	209.145983	0.212152866	0
SCGB1A1	4	1	1.448552803	0.937721251 OK	0	85.4408255	0.086658265	0
SCUBE2	4	1	0.04404076935	0.279218672 OK	0	170.7721315	0.173220448	0
SDR16C5	4	1	1.681410924	0.284152029 OK	0	386.9208303	0.392497552	0
SERPINB1	4	1	2.124381438	0.752237795 OK	0	461.2169169	0.467864382	0
SERPINB11	4	1	2.617615119	0.656964777 OK	0	75.04807329	0.07611005	0
SERPINB6	4	1	1.261897013	1.348103999 OK	0	302.9232283	0.307286883	0
SF3B3	4	1	2.726533786	1.474830149 OK	0	169.2326086	0.171664326	0
SFTA2	4	1	2.847560183	2.707776545 OK	0	484.0419175	0.490960506	0
SH3GL1	4	1	0.254033223	1.882952212 OK	0	270.8452574	0.274745051	0
SHROOM3	4	1	2.253305808	2.040335177 OK	0	238.2262222	0.241646043	0
SLC26A2	4	1	1.112812982	-0.321353199 OK	0	257.2039339	0.260906123	0
SLC35C1	4	1	0.980233729	1.880276678 OK	0	194.9546313	0.197755254	0

SLPI	4	1	0.859082891	1.300873278 OK	0	544.0574276	0.551905039	0
SLURP1	4	1	2.829994098	1.155082701 OK	0	594.8192823	0.603391556	0
SMAGP	4	1	1.520575122	1.925748347 OK	0	349.3645672	0.354398742	0
SMIM5	4	1	1.426347867	1.57780218 OK	0	487.5480726	0.494576609	0
SNX31	4	1	0.590559558	0.757567404 OK	0	219.0628636	0.222205127	0
SPAG17	4	1	1.73723884	-0.269332887 OK	0	227.284024	0.23054945	0
SPINK5	4	1	1.724913255	0.030583618 OK	0	579.7515218	0.588112212	0
SPINK7	4	1	3.047698752	2.81287813 OK	0	605.8485447	0.614539222	0
SPRR1A	4	1	1.75470765	1.922407149 OK	0	392.3951057	0.398040713	0
SPRR1B	4	1	0.537957654	1.829923628 OK	0	378.2818572	0.383733197	0
SPRR2A	4	1	0.230627493	2.248156546 OK	0	310.9490761	0.31542538	0
SPRR2D	4	1	0.228177324	2.289025305 OK	0	378.9342593	0.384366379	0
SPRR2E	4	1	0.292070941	2.122065543 OK	0	232.6424019	0.235981389	0
SPRR2F	4	1	0.32757105	2.066920756 OK	0	45.12483153	0.04567398	0
SPRR3	4	1	0.452651993	0.557017325 OK	0	488.8141973	0.496876975	0
SQLE	4	1	-0.960737332	0.928280829 OK	0	238.350283	0.241780797	0
SRPX2	4	1	2.283137337	2.374033449 OK	0	261.7557817	0.265483686	0
ST3GAL4	4	1	2.348348991	2.099584578 OK	0	460.4004572	0.466985937	0
STN1	4	1	1.917301074	2.140528677 OK	0	313.9247032	0.318446395	0
SUCO	4	1	2.346720711	0.310316561 OK	0	66.78028391	0.067730809	0
SULT2B1	4	1	1.283354536	0.904190062 OK	0	550.0032649	0.557936022	0
TGM1	4	1	1.230724738	0.828541277 OK	0	437.7703088	0.444079574	0
TGM3	4	1	2.873057739	1.111881255 OK	0	660.8776151	0.670402302	0
TM7SF2	4	1	0.997985192	1.042426108 OK	0	508.0459673	0.515371305	0
TMEM154	4	1	1.304724858	0.400205134 OK	0	331.3103783	0.336083837	0
TMEM184A	4	1	0.453562186	0.099510191 OK	0	257.9570182	0.261668345	0
TMEM265	4	1	1.326204315	1.658581255 OK	0	382.3852645	0.387895067	0
TMEM45B	4	1	0.345423535	0.973878859 OK	0	457.9010382	0.464496985	0
TMEM79	4	1	1.575280324	0.764211176 OK	0	280.1790486	0.284213603	0
TMPRSS11B	4	1	2.823401943	2.631305216 OK	0	713.8195537	0.724078489	0
TP53I3	4	1	2.734518186	0.933127879 OK	0	274.306019	0.278255056	0
TPRG1	4	1	2.007654086	1.882387637 OK	0	530.754327	0.538400801	0
TRNP1	4	1	0.038939015	0.500239848 OK	0	420.8161194	0.426882461	0
TSPAN3	4	1	-0.11121945	0.357102869 OK	0	278.3696823	0.282378671	0
TST	4	1	1.293027536	1.491883753 OK	0	360.9137332	0.366114993	0
TUBA4A	4	1	2.469003097	0.029910563 OK	0	300.8033343	0.305136339	0
UPK1B	4	1	0.215960518	0.89030361 OK	0	147.9459828	0.150052629	0
UPK3BL1	4	1	1.404047862	1.79719591 OK	0	359.6832323	0.364866304	0
VAT1	4	1	0.079907969	1.560358523 OK	0	294.9174343	0.299164305	0
WNK4	4	1	1.57008572	-0.229618313 OK	0	226.5163455	0.229769044	0
WNT5A	4	1	1.877450899	-0.10791278 OK	0	161.7628873	0.164080699	0
ZBED2	4	1	2.914160267	1.823194979 OK	0	136.8986165	0.138827077	0
ZDHHC21	4	1	1.375249133	0.227308749 OK	0	77.28935721	0.07839129	0
ABLIM1	5	1	-0.217179641	3.794879435 OK	0	327.5709265	0.332290726	0
ABLIM3	5	1	1.503047899	4.188347815 OK	0	422.3491115	0.42838339	0
AC004816.1	5	1	1.851444617	3.969703673 OK	0	241.5058012	0.244973242	0
AC006333.2	5	1	2.13527073	4.528072356 OK	0	96.67960308	0.098057408	0
ACADM	5	1	1.650183753	3.311115263 OK	0	177.5233061	0.180075041	0
ADGRF1	5	1	0.548774854	3.839282988 OK	0	319.8729142	0.324472391	0
ADIPOR1	5	1	1.811903492	3.611345766 OK	0	169.9591125	0.172401753	0
ADIRF	5	1	2.665994898	3.774622439 OK	0	311.1721144	0.31565453	0
AFDN	5	1	-0.805897101	3.313125132 OK	0	299.8386758	0.304157696	0
AGFG2	5	1	0.393171415	3.175921915 OK	0	118.2191598	0.11990761	0
AIF1L	5	1	2.708969847	3.520309923 OK	0	559.0065887	0.567028923	0
AL121761.1	5	1	0.752994732	2.716315268 OK	0	390.2613009	0.395876355	0
AL121933.2	5	1	0.371199444	2.82887411 OK	0	116.2867347	0.11787498	0
AL133453.1	5	1	0.284853057	3.984752177 OK	0	164.2049455	0.166556028	0
AL512274.1	5	1	-0.388732537	3.327167509 OK	0	202.180458	0.205083891	0
AL627171.2	5	1	0.660119728	3.4499979 OK	2.57E-119	23.19471124	0.023516268	2.59E-119
ALDH1A3	5	1	0.683515654	4.19603443 OK	0	343.992798	0.348918627	0
ANGPTL4	5	1	0.859332979	2.250810145 OK	0	101.3838166	0.102833744	0
ANXA11	5	1	1.525561587	3.458152769 OK	0	232.8567725	0.236207695	0
ANXA9	5	1	1.158595071	3.677791117 OK	0	569.6644374	0.577825339	0
AP000866.2	5	1	2.281986371	4.074776648 OK	0	282.3087951	0.286275318	0
ARHGAP27	5	1	0.604199723	3.512483118 OK	0	161.8326417	0.164151927	0
ARHGDIB	5	1	1.870288864	3.00214052 OK	0	101.4788249	0.102925561	0
ATP6V1C2	5	1	0.85270694	4.16892433 OK	0	489.3704892	0.496323541	0
AVP1	5	1	1.252370552	5.156238554 OK	0	86.16357186	0.087393296	0
B3GNT3	5	1	0.95985432	3.224968909 OK	0	409.9786668	0.415810769	0
B3GNT8	5	1	0.83699346	2.476715563 OK	0	131.5788502	0.133463495	0
B4GALT5	5	1	0.114755825	3.200644968 OK	0	121.3325945	0.123070728	0
BAIAP2L2	5	1	2.360195771	3.156896113 OK	0	204.8559365	0.207763538	0
BCAS1	5	1	0.791616612	2.966410635 OK	0	226.2373063	0.229458181	0

BICDL1	5	1	1.411277429	4.53283119 OK	0	89.13088503	0.090402636	0
BX255925.3	5	1	1.477150813	2.671066759 OK	0	227.5627156	0.23083529	0
C15orf62	5	1	1.008478419	3.177142142 OK	0	272.4061085	0.276294131	0
C1orf116	5	1	-0.060886666	3.797162054 OK	0	260.1860847	0.263931602	0
C5orf66-AS1	5	1	2.320603505	4.17116165 OK	0	177.4219913	0.179972482	0
C6orf132	5	1	1.550416485	4.281843184 OK	0	324.951936	0.329633766	0
CAMK2N1	5	1	1.366101042	3.570693968 OK	0	720.0195302	0.730359679	0
CAPN5	5	1	0.659941823	3.13435602 OK	0	206.50282	0.20945108	0
CASP8	5	1	1.744439141	4.65646839 OK	0	51.36895228	0.052097283	0
CCDC127	5	1	1.841410176	3.403882025 OK	0	88.04063806	0.089295861	0
CCNG2	5	1	0.08977522	3.817274569 OK	0	309.511388	0.313960732	0
CD59	5	1	1.786743239	2.361181258 OK	0	285.6603327	0.289773774	0
CD68	5	1	1.048223824	2.470702647 OK	0	146.6964098	0.148797533	0
CDC42EP5	5	1	1.028670431	2.805127142 OK	0	119.8495075	0.121568234	0
CDKN2AIP	5	1	-0.601762756	3.547561644 OK	0	181.2291134	0.183834587	0
CEACAM7	5	1	0.550712541	2.842703341 OK	0	121.9883098	0.123643954	0
CFL2	5	1	2.030292646	3.209030627 OK	1.09E-290	36.41840935	0.036928002	1.10E-290
CKB	5	1	2.001852766	3.755930899 OK	0	120.3262199	0.122051663	0
CLIP1	5	1	-0.859474047	2.905121802 OK	0	309.4371327	0.313895078	0
CPEB4	5	1	-0.231700167	3.266991614 OK	0	169.5389228	0.171972937	0
CPPED1	5	1	2.085446254	3.735492705 OK	0	163.1978539	0.165541678	0
CRYM	5	1	1.917866842	4.557875632 OK	0	364.347147	0.36939243	0
CTSV	5	1	1.107496039	3.798141478 OK	0	224.6085663	0.227822945	0
CTTNBP2NL	5	1	-0.718484386	3.646636484 OK	0	153.6084369	0.155813986	0
CYTOR	5	1	1.116177485	3.802751063 OK	0	142.4010132	0.144432454	0
DDIT4	5	1	0.896957774	2.290771483 OK	0	66.00636315	0.066947302	0
DENND10	5	1	1.980604187	2.828616141 OK	0	144.8079838	0.146886591	0
DHRS9	5	1	1.585832909	4.68468952 OK	0	693.6118164	0.703453951	0
DNAJA4	5	1	-0.55823718	2.998198984 OK	0	74.40412268	0.075464057	0
DNAJC5	5	1	1.229144142	3.947332381 OK	0	138.0881593	0.140069128	0
DOCK9	5	1	-0.415216311	3.633717058 OK	0	144.7966763	0.146873481	0
DTX2	5	1	0.690559522	3.525752543 OK	0	121.0784942	0.122814231	0
DUOX2	5	1	0.207682565	2.870212077 OK	0	90.99370595	0.092289116	0
DUOXA2	5	1	0.234775618	2.687603949 OK	0	97.45812282	0.098785778	0
DUSP4	5	1	1.816091434	4.581932066 OK	0	385.3263131	0.390707734	0
ELF3	5	1	1.002270341	2.629482268 OK	0	306.605412	0.31102224	0
ELF3-AS1	5	1	1.941260234	4.355633734 OK	0	278.6263531	0.282592179	0
EPS8L1	5	1	0.754541815	3.745923041 OK	0	529.1657014	0.536786123	0
EPS8L2	5	1	1.287296996	3.232457159 OK	0	231.9668079	0.235305341	0
ESAM	5	1	1.521073297	4.61438465 OK	0	512.8087214	0.520026763	0
FAM107B	5	1	1.112190858	4.826979636 OK	0	177.8900624	0.180430125	0
FBXO32	5	1	1.164076195	4.145256041 OK	0	223.7851275	0.227001789	0
FBXO34	5	1	-0.494350537	3.499712942 OK	0	138.5374189	0.140525067	0
FBXW11	5	1	-0.573653921	3.765322207 OK	0	83.83945136	0.085037327	0
FCHO2	5	1	-0.793487533	3.428331374 OK	0	219.8072272	0.222968952	0
FRMD4B	5	1	-0.868725284	2.618279932 OK	0	234.6813625	0.238059037	0
FTH1	5	1	2.290752903	4.18931198 OK	0	204.1897415	0.207120341	0
FUT3	5	1	0.442447022	3.280181883 OK	0	413.1890585	0.419137841	0
FUT6	5	1	0.545535073	3.329130648 OK	0	382.9857088	0.3884797	0
GABARAPL2	5	1	2.32674636	4.353869437 OK	0	237.2393712	0.240653954	0
GALNT1	5	1	-0.647503957	3.67525482 OK	0	263.3999098	0.267192499	0
GCC2	5	1	-0.079069659	3.961014269 OK	0	100.5941233	0.102034275	0
GCHFR	5	1	1.234852657	3.585375307 OK	0	226.9033018	0.230167588	0
GFOD2	5	1	0.210803047	3.698657511 OK	0	99.32999089	0.100749341	0
GMDS	5	1	2.136051074	2.485879896 OK	0	239.7198196	0.243167406	0
GNA15	5	1	1.357638404	3.187748907 OK	0	264.9053798	0.26871901	0
GPRC5A	5	1	1.185081646	4.240655897 OK	0	212.3383391	0.215373896	0
GPT2	5	1	1.065448925	3.264035223 OK	0	174.4665032	0.176973331	0
GRHL1	5	1	-0.454951748	2.886757372 OK	0	353.7192684	0.358814243	0
H19	5	1	1.840774671	2.769955157 OK	0	137.5867092	0.139556512	0
H1F0	5	1	0.761057668	2.470832823 OK	0	189.7791318	0.192508179	0
H2AFJ	5	1	2.400450722	4.163906096 OK	0	269.0300459	0.272903699	0
HEBP2	5	1	2.182238952	3.286148547 OK	0	362.6946454	0.367918582	0
HLCS	5	1	2.068586246	4.209116934 OK	0	85.73277037	0.086951492	0
HMOX1	5	1	0.779808358	4.198033331 OK	0	448.5879042	0.454981389	0
HOTAIRM1	5	1	2.21312143	4.560224531 OK	0	95.55791247	0.096924821	0
HS3ST6	5	1	2.336584226	4.240200995 OK	0	144.1704474	0.146235816	0
HSPB8	5	1	0.304159955	3.347195147 OK	0	271.3592445	0.275262104	0
IL1A	5	1	1.546708778	4.849163054 OK	0	257.9598712	0.261592534	0
IL36A	5	1	1.322485909	4.87915325 OK	0	602.4112865	0.610955103	0
IL36RN	5	1	0.264174119	2.66430807 OK	0	221.0506508	0.224127572	0
ITSN2	5	1	-0.669386491	3.280333041 OK	0	203.8113867	0.206742155	0
KATNB1	5	1	1.925369397	3.441823481 OK	0	164.5362015	0.166900391	0

KAZN	5	1	1.359249339	3.553071974 OK	0	247.0795528	0.250634955	0
KIFC3	5	1	1.571455554	4.702668188 OK	0	263.9422913	0.26769507	0
KRT23	5	1	0.871362833	2.978250025 OK	0	194.875347	0.197610113	0
KRT7	5	1	1.646416262	2.875129698 OK	0	200.9638865	0.203845271	0
KRT80	5	1	-0.295225366	2.774516581 OK	0	433.1171235	0.439350742	0
LEXM	5	1	1.272288517	3.287549494 OK	0	311.254817	0.315633758	0
LGALS3	5	1	2.160169975	4.488221167 OK	0	222.8252583	0.226024261	0
LINC02303	5	1	2.070167199	3.185497282 OK	0	360.8859439	0.365870924	0
LIPE-AS1	5	1	2.196977154	3.69919586 OK	0	105.8625952	0.107358008	0
LMO2	5	1	0.92434612	2.913143633 OK	0	290.3298077	0.294458211	0
LMO7	5	1	-0.664312466	3.485337256 OK	0	335.8673351	0.340706631	0
LPIN2	5	1	0.891191842	4.190340994 OK	0	253.9798394	0.257588518	0
LRG1	5	1	0.588316188	2.90701866 OK	0	63.62816472	0.064533394	0
LY6K	5	1	2.176342145	4.376996992 OK	0	109.3602321	0.110926012	0
MAB21L4	5	1	1.804627076	2.64653158 OK	0	455.2922248	0.461857189	0
MACC1	5	1	-0.330576285	3.60785055 OK	0	166.5992575	0.16899126	0
MALL	5	1	-0.335006341	3.737776755 OK	0	505.074935	0.512359172	0
MAP1LC3A	5	1	2.415848867	4.099238394 OK	0	233.0291241	0.23637113	0
MAPK3	5	1	1.143363163	3.356910704 OK	0	183.2077446	0.185839985	0
MAPK8	5	1	1.43880941	4.940137862 OK	0	77.64106605	0.078747147	0
5-Mar	5	1	2.12173082	4.037055491 OK	0	186.8426922	0.189529083	0
MDFIC	5	1	1.650655583	3.576622485 OK	0	93.29667592	0.094630302	0
METRNL	5	1	1.661725537	3.070854185 OK	0	465.5651301	0.472278351	0
MGAT1	5	1	1.345754907	3.920424937 OK	0	152.810058	0.155004116	0
MP RIP	5	1	1.506429568	4.165702818 OK	0	145.1902765	0.147273551	0
MPZL3	5	1	0.423166976	3.243092535 OK	0	186.8303627	0.189499718	0
MTERF4	5	1	2.188767687	3.515886782 OK	0	73.91733955	0.074971993	0
MUC1	5	1	0.063736156	3.38903427 OK	0	432.0390421	0.438262118	0
MUC20	5	1	1.590833024	2.764943121 OK	0	325.1346702	0.32981643	0
MUC22	5	1	1.379609302	4.635846136 OK	0	304.9171991	0.309142369	0
MXD1	5	1	0.794135206	4.421854018 OK	0	351.7035145	0.356768779	0
MYEOV	5	1	2.141988889	3.434927939 OK	0	254.0325606	0.257679879	0
MYL12A	5	1	2.239586369	3.458912371 OK	0	297.2749322	0.301553588	0
MYO5B	5	1	-0.298074468	2.894899844 OK	0	232.9744069	0.23632279	0
MYO6	5	1	-0.587553366	4.048232077 OK	0	214.7233112	0.21781241	0
NAMPT	5	1	-0.506788477	3.149124144 OK	0	299.2756443	0.303586657	0
NAPRT	5	1	1.497659162	3.19459915 OK	0	262.3857703	0.266163749	0
NCCRP1	5	1	1.198090748	2.270748614 OK	0	630.7482515	0.639842124	0
NDRG2	5	1	0.029266969	3.900654314 OK	0	271.247373	0.275152489	0
NIBAN2	5	1	1.787779943	2.769644736 OK	0	359.8871766	0.365073628	0
NT5C2	5	1	-0.064067706	3.433454989 OK	0	191.4711457	0.194223297	0
PCBP1-AS1	5	1	2.084335581	3.0040493 OK	0	92.19801988	0.093511388	0
PDCD6	5	1	2.024524585	3.328223227 OK	0	280.1072271	0.284140491	0
PHACTR4	5	1	-0.506470307	3.799765108 OK	0	159.9734864	0.162271697	0
PHLDA1	5	1	0.952495844	4.285964011 OK	0	463.6616327	0.470329947	0
PLEKHM1	5	1	0.317323641	3.406489371 OK	0	113.0244293	0.114640891	0
PLIN3	5	1	1.379776642	4.410368918 OK	0	177.4883491	0.180039894	0
PLSCR1	5	1	1.58724703	3.427526472 OK	0	141.7868003	0.143821853	0
PORCN	5	1	1.569070176	4.420709608 OK	0	63.14920094	0.064041155	0
PPDPF	5	1	2.374847547	3.99579191 OK	0	187.5298512	0.190219661	0
PPP1R14B-AS1	5	1	1.82748957	2.408815859 OK	0	171.1926783	0.173650777	0
PRDM1	5	1	-0.24970816	2.77958679 OK	0	346.0109725	0.350989948	0
PRSS22	5	1	0.868888974	2.496704577 OK	0	284.1912347	0.288282608	0
PRSS27	5	1	1.380202786	2.348289965 OK	0	644.7511215	0.654044182	0
PRSS8	5	1	0.802625098	3.794003485 OK	0	116.5088726	0.118178879	0
PSCA	5	1	2.35007991	4.001967429 OK	0	578.3721199	0.586676511	0
PTK6	5	1	0.200677291	3.203274248 OK	0	341.5986134	0.34651898	0
PWWP2B	5	1	1.05733645	3.46356058 OK	0	82.89897147	0.084080905	0
RAB51F	5	1	2.120733157	2.949410914 OK	0	356.1051098	0.361236098	0
RAB9A	5	1	2.194156662	4.534153937 OK	0	166.2163694	0.168604631	0
RANBP9	5	1	-0.242359623	3.762839316 OK	0	202.9141436	0.205831249	0
RFK	5	1	1.717212037	4.748086928 OK	0	120.8421224	0.122572507	0
RHOF	5	1	1.45730348	3.943708895 OK	0	222.8249627	0.225977392	0
RNF223	5	1	1.050098166	4.393172263 OK	0	340.3687653	0.345251503	0
RNF39	5	1	1.39312096	4.611401556 OK	0	119.0689491	0.120768961	0
S100P	5	1	0.62118359	2.987615584 OK	0	484.7854691	0.491767629	0
SAMD9	5	1	0.108711258	3.801657198 OK	0	311.5740276	0.31606273	0
SAMD9L	5	1	0.061001495	3.980484007 OK	0	49.42289159	0.050122058	0
SAT1	5	1	1.85485901	2.707714079 OK	0	187.8987578	0.190598692	0
SCEL	5	1	-0.199991807	3.73363447 OK	0	581.4354464	0.589822953	0
SCNN1A	5	1	-0.0066657585	3.139955996 OK	0	258.2221932	0.261938844	0
SDCBP2	5	1	2.066227571	3.755651472 OK	0	422.0514287	0.42813532	0
SDHA	5	1	1.821547762	3.494743822 OK	0	136.0052107	0.137957321	0

SEC24C	5	1	0.610689596	3.386854647 OK	0	88.05993781	0.089317055	0
SERINC2	5	1	1.802680031	3.99084091 OK	0	193.086298	0.19586232	0
SERPINB13	5	1	-0.932775601	2.497323988 OK	0	412.3513152	0.418295411	0
SGTA	5	1	1.079403967	3.865090369 OK	0	71.36433426	0.07238135	0
SH3BGRL2	5	1	0.390353308	4.000652788 OK	0	472.1057588	0.47890126	0
SLC16A3	5	1	1.170060769	3.080048083 OK	0	192.9056967	0.195649119	0
SLC25A23	5	1	0.3464444026	3.508048056 OK	0	179.6251488	0.182207074	0
SLC9A3R2	5	1	2.348631397	4.316080092 OK	0	84.21810082	0.085418461	0
SLK	5	1	-0.810439929	3.252817629 OK	0	321.1278672	0.325754644	0
SLURP2	5	1	1.894557492	2.564851759 OK	0	602.1832332	0.610864315	0
SMIM22	5	1	1.180316732	2.798590659 OK	0	84.16330774	0.085354059	0
SNCG	5	1	2.554073349	3.849249838 OK	0	289.5755367	0.293724234	0
SNX24	5	1	2.420009032	3.822438238 OK	0	207.5905829	0.210575588	0
SNX8	5	1	1.358911381	3.326991556 OK	0	97.14405305	0.098527642	0
SORBS2	5	1	0.78365779	2.884259699 OK	0	61.31761275	0.062185583	0
SORT1	5	1	-0.33216761	2.948586939 OK	0	431.0424572	0.437252073	0
SPAG1	5	1	0.9319648	3.899994372 OK	0	231.9243405	0.235246447	0
SPECC1	5	1	1.182206169	4.404376028 OK	0	215.8631206	0.218954924	0
SPINT1	5	1	1.243958578	3.191831587 OK	0	258.9356485	0.262663718	0
SPNS2	5	1	1.044174031	4.720156668 OK	0	761.2272175	0.772106556	0
SPRR2B	5	1	0.264666096	2.428786276 OK	0	93.96744768	0.095104836	0
SPSB3	5	1	2.275676624	4.12418413 OK	0	134.1963623	0.136121752	0
SRGAP1	5	1	0.717616752	3.138111113 OK	0	162.3382386	0.164656515	0
SRSF5	5	1	1.515917257	3.191328524 OK	0	263.4900155	0.267283833	0
STK39	5	1	-0.456921324	2.962276934 OK	0	272.3405255	0.276259933	0
STRADB	5	1	1.968377606	4.183063505 OK	0	105.2190489	0.106720792	0
SYAP1	5	1	-0.463487014	3.9830842 OK	0	161.8119811	0.164137067	0
TAX1BP1	5	1	-0.754978403	3.994060992 OK	0	344.2932369	0.349254213	0
TGFA	5	1	0.100980893	3.936361788 OK	0	102.6043849	0.104069087	0
TGFB1	5	1	0.698172406	2.553980349 OK	0	130.7056169	0.132577501	0
TIMP2	5	1	2.079420344	4.107531546 OK	0	764.7726239	0.775709043	0
TJP1	5	1	-0.877652987	3.114617823 OK	0	339.8626254	0.344760063	0
TJP3	5	1	0.947804645	2.869461058 OK	0	221.3523421	0.224531575	0
TMEM127	5	1	0.665525303	3.561129568 OK	0	103.4900656	0.104970329	0
TMEM40	5	1	2.52876021	3.960895537 OK	0	485.0987622	0.492094374	0
TMEM8A	5	1	1.090903164	3.311614512 OK	0	104.2874945	0.105774874	0
TMPRSS11D	5	1	-0.065057739	2.814024447 OK	0	302.1537244	0.306502928	0
TMPRSS11E	5	1	0.417922453	3.994251726 OK	0	634.0384728	0.643170651	0
TMPRSS2	5	1	0.472112701	4.025514124 OK	0	389.1246995	0.394696112	0
TP53INP2	5	1	0.531973884	3.8886353634 OK	0	304.4155496	0.30877336	0
TRIP10	5	1	0.53034626	3.708186625 OK	0	328.0358406	0.332760368	0
TSPAN6	5	1	1.738747076	2.806931017 OK	0	263.4586299	0.267250206	0
TTC22	5	1	0.462346986	3.264754771 OK	0	177.7604196	0.180313225	0
TTC9	5	1	0.878832143	3.969416617 OK	0	435.4616317	0.441737488	0
TTYH1	5	1	1.15091236	3.766235827 OK	0	344.0595602	0.348940264	0
UACA	5	1	-0.847637757	3.4536666209 OK	0	191.9155807	0.19467488	0
UBE2D1	5	1	2.084017888	3.717722891 OK	0	123.5960563	0.125368031	0
UBL3	5	1	-0.261745318	3.669373511 OK	0	216.1318563	0.219240844	0
UPK3B	5	1	2.369172469	3.070439814 OK	0	434.2684569	0.440491682	0
VASN	5	1	0.761317164	3.646884917 OK	0	306.1249153	0.310485614	0
VSIG10	5	1	1.646806256	3.884755561 OK	0	101.6243571	0.103075594	0
VSIG10L	5	1	0.53320779	3.115911959 OK	0	408.1557926	0.41402315	0
VSIG2	5	1	2.261975423	3.558541773 OK	0	609.2245601	0.617911764	0
WDR26	5	1	-0.372366771	3.645667551 OK	0	158.0215038	0.160290493	0
WDR45B	5	1	-0.684584841	3.321651457 OK	0	179.6375217	0.182219819	0
YPEL3	5	1	2.103712932	4.032507895 OK	0	169.9387242	0.172381005	0
ZFAND2A	5	1	2.303498164	4.45271015 OK	7.89E-303	37.17746599	0.037701234	8.00E-303
ZFAND5	5	1	0.997222923	4.390746115 OK	0	220.1789921	0.223347295	0
ZNF101	5	1	2.071026937	4.206876753 OK	0	91.93897505	0.09324362	0
ZNF185	5	1	-0.110329791	3.2754755 OK	0	389.9671791	0.395588249	0
ZNRF1	5	1	2.361412541	4.017040251 OK	0	218.7315085	0.221878561	0
AC023157.3	6	1	0.654476822	5.484818457 OK	0	104.1856252	0.105675341	0
ACOX1	6	1	-0.457640632	4.568180083 OK	0	217.4989344	0.220627276	0
ADIPOR2	6	1	0.631731526	4.765007017 OK	0	179.564683	0.182144731	0
AMOTL2	6	1	-0.269193395	4.415825842 OK	0	69.07158248	0.070054999	0
ANKRD13A	6	1	-0.168756589	4.462661742 OK	0	113.9198441	0.115551767	0
ANKRD37	6	1	0.947839931	5.604867934 OK	0	167.7151696	0.170125335	0
ARHGAP10	6	1	0.234524802	4.402782439 OK	0	207.7814854	0.210769071	0
ARL4C	6	1	0.452182606	4.74882984 OK	0	180.6920978	0.183289042	0
ASCC2	6	1	0.639093847	5.425029753 OK	0	123.0272127	0.124790831	0
ATG9B	6	1	0.574757979	4.585546492 OK	0	537.9230503	0.54557172	0
BPGM	6	1	0.162322596	5.505266188 OK	0	48.0966126	0.04877735	0
C18orf25	6	1	0.468652204	5.148887633 OK	0	201.5397077	0.20443287	0

CDKL5	6	1	-0.206181392	4.554294585 OK	0	91.96738186	0.093274562	0
CFLAR	6	1	0.583018587	5.199415205 OK	0	142.281627	0.144324214	0
CGNL1	6	1	0.820018557	4.883240698 OK	0	545.4976824	0.553241585	0
CHAC1	6	1	-0.014312013	5.097069739 OK	0	280.486403	0.284307749	0
CITED2	6	1	0.685852543	5.244547842 OK	0	129.654138	0.131513978	0
CNST	6	1	0.580457882	5.115193365 OK	0	117.2043621	0.118878763	0
CSNK1E	6	1	0.114267126	4.935920714 OK	0	129.6477081	0.131505603	0
DKK1	6	1	0.659969733	5.518457411 OK	0	336.7215333	0.341410539	0
DUSP14	6	1	0.223446146	5.654047964 OK	0	102.7899874	0.104260715	0
DUSP5	6	1	0.543381975	5.326819418 OK	0	331.9651945	0.3367381	0
ERO1A	6	1	0.795767189	4.576729773 OK	0	347.3011844	0.352302382	0
FAM214A	6	1	0.253162519	4.863839148 OK	0	191.4079091	0.19415462	0
FLG	6	1	0.212209538	5.657109259 OK	0	325.6668067	0.330272629	0
GNE	6	1	-0.184518918	4.501211165 OK	0	98.67681552	0.100074713	0
GPAT3	6	1	-0.100526735	4.944177626 OK	0	312.9460905	0.317342511	0
GRPEL2	6	1	0.849469234	5.27301216 OK	0	311.9734578	0.31644364	0
HCG22	6	1	0.667226777	5.208042143 OK	0	389.00955	0.394543253	0
HILPDA	6	1	0.878430366	5.50162792 OK	0	250.1113345	0.253702216	0
IL1RN	6	1	0.583720103	5.044149397 OK	0	450.6357138	0.457133021	0
ITGB8	6	1	-0.114590689	4.204757689 OK	0	136.1836871	0.138137535	0
KPRP	6	1	0.714850188	5.559823988 OK	0	276.705257	0.280506374	0
KRT16	6	1	-0.253499016	5.099515913 OK	0	250.291273	0.253894899	0
KRTAP3-2	6	1	1.176404372	6.712679861 OK	0	183.2759151	0.185606821	0
LNX1	6	1	0.656699971	4.78874111 OK	0	185.9705633	0.188637032	0
LPIN1	6	1	0.496360198	4.964568137 OK	0	466.4110305	0.473084434	0
MACO1	6	1	0.3591179393	4.905659674 OK	0	114.9008094	0.116546607	0
MCU	6	1	0.355279998	4.623193739 OK	0	116.4249278	0.118089442	0
MT1A	6	1	1.2033294	6.768424033 OK	0	76.09390949	0.076930472	0
MT1E	6	1	1.213833824	6.769074438 OK	0	390.9570623	0.39659257	0
MT1F	6	1	1.210290865	6.774556158 OK	0	72.21828667	0.073239868	0
MT1G	6	1	1.228782699	6.795895575 OK	0	285.1050767	0.289200487	0
MT1H	6	1	1.194084392	6.75208473 OK	0	279.0143532	0.282987201	0
MT1M	6	1	1.237856672	6.802793501 OK	0	161.0983657	0.163389607	0
MT2A	6	1	1.250069276	6.821645735 OK	0	466.5079858	0.473235012	0
MYZAP	6	1	0.263877705	4.836771963 OK	0	320.8284676	0.325419829	0
NABP1	6	1	0.434566007	5.238608359 OK	0	127.0786783	0.128899799	0
NEDD4L	6	1	-0.077365383	4.443242071 OK	0	82.95396745	0.084136604	0
NR1D1	6	1	1.081408009	4.653282355 OK	0	96.46358663	0.097840897	0
OXSR1	6	1	-0.255462631	4.587451933 OK	0	137.6766898	0.139651895	0
PADI1	6	1	0.139825896	4.762464522 OK	0	435.3303383	0.441577366	0
PARD6B	6	1	-0.106402441	4.568169592 OK	0	138.7384022	0.140726382	0
PDP1	6	1	-0.109326586	4.360187529 OK	0	65.35033446	0.066279627	0
PDZD2	6	1	-0.122440203	4.343046187 OK	0	78.1201569	0.079233321	0
PELI1	6	1	-0.107826933	4.880102156 OK	0	150.4246262	0.152582908	0
PHACTR2	6	1	-0.07844673	4.995727537 OK	0	203.3841078	0.206309095	0
PPL	6	1	-0.50208877	4.450412749 OK	0	426.5544047	0.432704026	0
PTPN3	6	1	-0.28791736	4.718440054 OK	0	81.25068811	0.082409659	0
QSOX1	6	1	0.291849331	5.440801619 OK	0	294.215965	0.298448385	0
RASGEF1B	6	1	0.600836412	5.473721503 OK	0	135.6035204	0.137538862	0
RIOK3	6	1	-0.624993786	4.121131895 OK	0	330.2011143	0.334958176	0
RMND5A	6	1	0.270897881	4.999139784 OK	0	151.8914784	0.154071822	0
RNASE7	6	1	0.201578096	5.575141905 OK	0	602.393195	0.610915876	0
RNF169	6	1	0.384669051	4.67060089 OK	0	131.59774	0.133484666	0
SASH1	6	1	-0.40657626	4.25782585 OK	0	231.7463291	0.235081072	0
SEC14L1	6	1	0.381332771	4.559772528 OK	0	122.4094454	0.124162302	0
SECISBP2L	6	1	-0.364160165	4.571111677 OK	0	174.6378579	0.177145133	0
SESN2	6	1	0.709717736	5.434245108 OK	0	176.021871	0.178533925	0
SH3D19	6	1	-0.311401709	4.144282339 OK	0	99.98079513	0.101410929	0
SLC20A2	6	1	-0.288973316	4.951071738 OK	0	112.7618792	0.114377453	0
SNX9	6	1	0.589619414	5.014683722 OK	0	213.368937	0.216436584	0
SYNPO2L	6	1	0.628093824	5.540040968 OK	0	228.9929963	0.232065685	0
TCP11L2	6	1	0.793558941	4.927032469 OK	0	275.0539928	0.279000131	0
TEAD1	6	1	-0.364682301	4.406012534 OK	0	137.5743625	0.139547382	0
TICAM1	6	1	0.624626265	4.888031004 OK	0	157.9724732	0.160236809	0
TMOD3	6	1	-0.642777904	4.180425642 OK	0	357.3484758	0.362497716	0
TNIP1	6	1	-0.398778781	4.572251318 OK	0	186.0050496	0.188679079	0
TP53BP2	6	1	0.026254193	4.778003691 OK	0	106.268608	0.107789312	0
TRIM2	6	1	0.020363644	4.501749991 OK	0	176.6294491	0.179154483	0
TUFT1	6	1	-0.253424629	4.955034254 OK	0	107.4780284	0.109015751	0
UBE2G1	6	1	0.755913109	4.739602087 OK	0	158.3813099	0.160656493	0
UPP1	6	1	0.987654746	5.478302 OK	0	276.4968601	0.280478008	0
USP53	6	1	-0.294295415	4.198180197 OK	0	110.5725745	0.112156381	0
USP6NL	6	1	-0.140359505	4.187330244 OK	0	222.892655	0.226095583	0

VPS37B	6	1	-0.272229537	4.806070326	OK	0	195.324401	0.198132008	0
WWC1	6	1	-0.359070047	4.546818732	OK	0	144.8576233	0.146932437	0
YOD1	6	1	0.466948107	5.435899733	OK	0	269.6401227	0.273509689	0
ZNF365	6	1	0.819224112	5.448735236	OK	0	540.6312193	0.548271657	0
ZNF426	6	1	0.161319927	5.103723524	OK	0	153.103905	0.155296108	0
ZNF430	6	1	0.2264985	5.644870756	OK	0	64.31879868	0.065234428	0
ZNF431	6	1	0.287737385	5.576566695	OK	0	177.384566	0.179932189	0
ZNF714	6	1	0.213167504	5.632364271	OK	0	66.0553414	0.066993126	0
ZNF92	6	1	0.212481812	5.639434813	OK	0	78.66965378	0.079788	0
ALOX15	7	1	-0.328905209	-0.238170149	OK	0	434.6651069	0.440929562	0
ANO1	7	1	-0.142525061	-0.502690317	OK	0	320.4936555	0.325110881	0
APOL1	7	1	-0.09544526	-1.116366388	OK	0	136.483189	0.138440431	0
ARNTL2	7	1	-0.198494777	-0.438445808	OK	0	264.2569026	0.268061191	0
ATP13A5	7	1	-0.51693128	-0.850231887	OK	0	130.64077	0.132510822	0
ATP8B1	7	1	0.089923278	-0.575456621	OK	0	230.211679	0.233524191	0
BCL2L15	7	1	-0.499163374	-0.511592628	OK	0	219.2263121	0.222379404	0
C12orf75	7	1	-0.566905841	-1.349287273	OK	0	160.5192575	0.162824817	0
CA2	7	1	-0.109168097	-1.401830198	OK	0	236.2899464	0.239690891	0
CADM1	7	1	-0.27633129	-0.56154895	OK	0	118.3391683	0.120032773	0
CAMK1D	7	1	-0.076294109	-0.479494096	OK	0	217.4202527	0.220546531	0
CCL26	7	1	-0.31754516	-0.543848993	OK	0	302.0231403	0.306374111	0
CDH3	7	1	-0.308561667	-1.404706718	OK	0	180.9037785	0.183503227	0
CES2	7	1	0.447689608	-0.480618717	OK	0	470.9342532	0.477725055	0
CHL1	7	1	-0.380515679	-0.414757253	OK	0	237.1249703	0.240534647	0
CISH	7	1	-0.40716122	-1.215509893	OK	0	69.58338323	0.070574812	0
CLDN1	7	1	0.034546808	-0.951485159	OK	0	201.4444818	0.204342031	0
CTSC	7	1	-0.546894416	-1.069386961	OK	0	293.4937114	0.297720553	0
CYP2S1	7	1	-0.078554555	-0.884851934	OK	0	150.6675981	0.152829389	0
CYP7B1	7	1	-0.493104681	-0.696304084	OK	0	294.3818033	0.298622115	0
DYPD	7	1	-0.291733369	-0.408997537	OK	0	253.6263682	0.257276923	0
DSG3	7	1	0.633452803	-0.60170603	OK	0	372.6045303	0.37797198	0
DSP	7	1	0.566945211	-0.727092745	OK	0	236.2433509	0.239635524	0
DUOX1	7	1	0.201838032	-0.241605522	OK	0	326.2683787	0.330969373	0
EPPK1	7	1	-0.343518361	-0.374264957	OK	0	266.1956611	0.270023892	0
GALNT5	7	1	-0.068886503	-0.770165922	OK	0	214.1991008	0.217279884	0
HAS3	7	1	-0.102325662	-0.901779653	OK	0	143.95017	0.146014356	0
HLF	7	1	-0.349716767	-1.28568411	OK	0	174.4748259	0.176981969	0
HPGD	7	1	-0.614512786	-0.868858816	OK	0	354.9179683	0.360032332	0
KCNJ2	7	1	-0.456494793	-1.242721321	OK	0	130.4389326	0.132310141	0
LINC01497	7	1	-0.586439356	-1.015957834	OK	0	193.505593	0.196287013	0
LTA4H	7	1	0.050769643	-0.249021293	OK	0	348.1073431	0.353123521	0
MDK	7	1	-0.549268469	-1.18397999	OK	0	188.5971158	0.191309067	0
MPP7	7	1	0.160970286	-0.526329757	OK	0	364.668985	0.369924725	0
MX1	7	1	0.046813623	-0.70668626	OK	0	268.5388615	0.272405691	0
MYH9	7	1	0.247705177	-0.853569986	OK	0	257.7729451	0.261484334	0
NEFL	7	1	-0.290648207	-0.313233139	OK	0	177.4029801	0.179948359	0
NTRK2	7	1	-0.4455484	-1.274094106	OK	0	213.3491183	0.216418684	0
P2RY1	7	1	0.238220826	-0.610698225	OK	0	239.3458131	0.242790812	0
PDZK1IP1	7	1	-0.332458004	0.007324456	OK	0	292.720704	0.29693664	0
PHLDB2	7	1	-0.070421621	-1.448131801	OK	0	99.34597926	0.100765568	0
PMCH	7	1	-0.593682631	-0.713761808	OK	0	68.39893734	0.069362999	0
SAMHD1	7	1	-0.542641743	-0.719862463	OK	0	227.8986842	0.231176789	0
SCIN	7	1	-0.492592796	-0.708209755	OK	0	469.4131307	0.476182218	0
SECTM1	7	1	-0.249639257	-0.448442222	OK	0	136.333547	0.138286551	0
SERPINB3	7	1	-0.680836901	-0.759157659	OK	0	480.0374551	0.486955965	0
SERPINB4	7	1	-0.633898958	-0.658208133	OK	0	367.927037	0.373230122	0
SERPINE2	7	1	-0.592544659	-0.915153267	OK	0	174.5971759	0.177105422	0
SFRP1	7	1	-0.557473763	-1.054627182	OK	0	216.6401506	0.219756248	0
SGK1	7	1	-0.502075061	-1.145987274	OK	0	252.2459678	0.25587756	0
SH3RF2	7	1	-0.077612981	-0.703767778	OK	0	244.2873354	0.247803661	0
SLC26A4-AS1	7	1	-0.39774464	-0.35791135	OK	0	218.6808982	0.221817728	0
SPARCL1	7	1	-0.477817878	-1.061317922	OK	0	78.91544755	0.080039264	0
SPTBN1	7	1	0.28666778	-0.717245819	OK	0	247.5870723	0.25115134	0
SYNPO	7	1	-0.298034295	-1.181150676	OK	0	122.6287639	0.124385346	0
TFPI	7	1	-0.345505699	-1.25912595	OK	0	66.9720114	0.067924272	0
TFRC	7	1	0.405159608	-0.763397218	OK	0	175.4500203	0.177971262	0
THBD	7	1	0.039195374	-1.084187748	OK	0	199.7149552	0.202586275	0
TMPRSS11A	7	1	0.105847434	-0.249421121	OK	0	361.7085279	0.36692124	0
TNFAIP6	7	1	-0.588265404	-0.733052971	OK	0	208.3303277	0.211322126	0
ZFP36L1	7	1	0.786903456	-0.87909341	OK	0	378.064425	0.383510027	0

**Supplemental Table 4.** Gene expression profile of module 7 genes in EoE vs healthy subjects.

gene	meanEoE	meanHC	log2FC	status	p_value	morans_test_statistic	morans_I	q_value
TNFAIP6	0.966075106	3.85E-05	14.61634424	OK	0	208.3303277	0.211322126	0
ALOX15	1.961654088	0.0007248	11.40220098	OK	0	434.6651069	0.440929562	0
PMCH	0.202486736	0.000257418	9.619501201	OK	0	68.39893734	0.069362999	0
CCL26	6.859650624	0.016739443	8.678739727	OK	0	302.0231403	0.306374111	0
SLC26A4-AS1	0.120048362	0.000586635	7.676937321	OK	0	218.6808982	0.221817728	0
ATP13A5	0.15791579	0.001201737	7.037890216	OK	0	130.64077	0.132510822	0
ANO1	0.836764412	0.025489408	5.03685174	OK	0	320.4936555	0.325110881	0
LINC01497	0.661007481	0.02831416	4.545070971	OK	0	193.505593	0.196287013	0
EPPK1	0.26539871	0.01543172	4.104190539	OK	0	266.1956611	0.270023892	0
CA2	1.371843303	0.080025119	4.099518982	OK	0	236.2899464	0.239690891	0
SERPINB4	6.673203074	0.427245606	3.965241846	OK	0	367.927037	0.373230122	0
NEFL	0.280173501	0.018845725	3.894011331	OK	0	177.4029801	0.179948359	0
SYNPO	0.235892522	0.016821057	3.809789454	OK	0	122.6287639	0.124385346	0
SCIN	3.688673568	0.275632567	3.742283858	OK	0	469.4131307	0.476182218	0
BCL2L15	0.386922308	0.030522998	3.664075337	OK	0	219.2263121	0.222379404	0
SFRP1	0.617311839	0.057586647	3.422193231	OK	0	216.6401506	0.219756248	0
CTSC	3.435824221	0.360297523	3.253395592	OK	0	293.4937114	0.297720553	0
CYP7B1	0.957796831	0.114809808	3.06047377	OK	0	294.3818033	0.298622115	0
KCNJ2	0.58025804	0.073125635	2.988245461	OK	0	130.4389326	0.132310141	0
SGK1	2.223951321	0.316300363	2.813758096	OK	0	252.2459678	0.25587756	0
MDK	0.882211769	0.13098338	2.751741244	OK	0	188.5971158	0.191309067	0
NTRK2	0.94801279	0.143535812	2.723495785	OK	0	213.3491183	0.216418684	0
CISH	0.225675308	0.035958991	2.649824121	OK	0	69.58338323	0.070574812	0
CADM1	0.144856241	0.024142202	2.584992696	OK	0	118.3391683	0.120032773	0
HAS3	0.200475746	0.034917142	2.52142031	OK	0	143.95017	0.146014356	0
SECTM1	0.169999339	0.031296673	2.441447924	OK	0	136.333547	0.138286551	0
PHLDB2	0.153398438	0.02979627	2.364080168	OK	0	99.34597926	0.100765568	0
APOL1	0.285596061	0.056620866	2.334570374	OK	0	136.483189	0.138440431	0
CHL1	0.338550396	0.071509407	2.243165654	OK	0	237.1249703	0.240534647	0
DPYD	0.493134501	0.106768169	2.207499592	OK	0	253.6263682	0.257276923	0
DUOX1	1.171431477	0.253832096	2.206326155	OK	0	326.2683787	0.330969373	0
PDZK1IP1	3.354050846	0.74706284	2.166603052	OK	0	292.720704	0.29693664	0
CAMK1D	0.299012821	0.06723627	2.152895754	OK	0	217.4202527	0.220546531	0
SH3RF2	0.653008701	0.161890923	2.012080117	OK	0	244.2873354	0.247803661	0
C12orf75	0.453379065	0.112809698	2.006826682	OK	0	160.5192575	0.162824817	0
GALNT5	0.476173378	0.130597042	1.866364744	OK	0	214.1991008	0.217279884	0
SAMHD1	0.346029726	0.096709186	1.839171147	OK	0	227.8986842	0.231176789	0
LTA4H	1.996930207	0.570936273	1.806382283	OK	0	348.1073431	0.353123521	0
MPP7	1.046935282	0.307842937	1.765905889	OK	0	364.668985	0.369924725	0
SERPINB3	17.48953192	5.324917426	1.71566062	OK	0	480.0374551	0.486955965	0
SERPINE2	0.356731454	0.108896618	1.711879278	OK	0	174.5971759	0.177105422	0
MX1	0.797845799	0.246847702	1.692488724	OK	0	268.5388615	0.272405691	0
MYH9	1.216837583	0.379623725	1.680494553	OK	0	257.7729451	0.261484334	0
ATP8B1	0.488132901	0.158051825	1.626876298	OK	0	230.211679	0.233524191	0
P2RY1	0.656319749	0.21307677	1.623025526	OK	0	239.3458131	0.242790812	0
SPTBN1	0.839628846	0.273834653	1.616446703	OK	0	247.5870723	0.25115134	0
CDH3	0.359101344	0.11811826	1.60415904	OK	0	180.9037785	0.183503227	0
THBD	0.404966324	0.134632233	1.588778084	OK	0	199.7149552	0.202586275	0
HPGD	3.934350587	1.313569137	1.582633386	OK	0	354.9179683	0.360032332	0
TFPI	0.120224359	0.041967708	1.51837767	OK	0	66.9720114	0.067924272	0
HLF	0.498670622	0.178091332	1.485469908	OK	0	174.4748259	0.176981969	0
CLDN1	0.710253872	0.256735722	1.468050745	OK	0	201.4444818	0.204342031	0
SPARCL1	0.13990251	0.054755911	1.353335215	OK	0	78.91544755	0.080039264	0
CYP2S1	0.24700796	0.099058602	1.318203369	OK	0	150.6675981	0.152829389	0
TMPRSS11A	0.897482841	0.377530588	1.249290817	OK	0	361.7085279	0.36692124	0
CES2	2.138066605	0.953794755	1.164556043	OK	0	470.9342532	0.477725055	0
DSG3	4.166980771	1.902058482	1.131440838	OK	0	372.6045303	0.37797198	0
ARNTL2	0.553917381	0.277874538	0.995237163	OK	0	264.2569026	0.268061191	0

DSP	15.0345425	7.578231045	0.988347937	OK	0	236.2433509	0.239635524	0
TFRC	0.392033289	0.209336069	0.90515525	OK	0	175.4500203	0.177971262	0
ZFP36L1	5.059103183	2.971624788	0.767629698	OK	0	378.064425	0.383510027	0

**Supplemental Table 5.** Identification of SOX2 and/or KLF5 downstream targets from Enrichr databases and literature-based analyses.

gene	source	regulator
CACNA2D4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KIAA1586	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ISL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LARP6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
L1CAM	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SPINT2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ASPHD1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SPINT1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FEZ2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SCO1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATF3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SAMD9	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HPGD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PON3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CRABP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TFPI	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
UACA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SPDEF	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TFPT	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DPYSL3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF19	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
JAG1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NEBL	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATP6AP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATP6AP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NR2F2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PBX3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
VPS13A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SUPV3L1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
VANGL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BCR	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PHF20L1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PPFIBP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FAM111A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PLSCR1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PKIA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SFXN3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CHST5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PKIG	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATF4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATF5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CHST4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CDCA2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PDGFC	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF22	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GATA6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PDGFA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
F11R	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GATA3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ALKBH8	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GATA2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF26	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ALKBH6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EPB41L1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZC3H12A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

EPB41L2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FAM110C	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NKX3-1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PIP5K1B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PRKACB	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF488	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DUSP5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FUCA1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
JUN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DUSP4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
JUP	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FN1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DCBLD2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMEFF1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC7A5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CENPF	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC7A7	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC7A8	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DPYD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FXYD6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RAPGEF4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RAPGEF5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LIMS2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TCFP2L1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZC3HAV1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC7A1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HOXC13	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC7A2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HOXC10	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HLCS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SHH	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PANX1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DLGAP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF468	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC18A2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PCMTD2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EGLN2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATAD2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CDKL5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PPARA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DGAT1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SNX25	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BGN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ADAM10	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC39A14	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DAB2IP	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MYBBP1A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ADAM17	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LARS2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
APEX2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ETNK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PPARG	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TSR1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LGR6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PPARD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LGR4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
OAT	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MTMR10	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SNX10	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

SMPD3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
WRN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FGFR1OP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PLAGL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
AGR2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NUDT13	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FADS1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MAP3K1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BIK	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CORO2A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FBXO17	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STX8	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATP11C	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SDCBP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
WT1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MFNG	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LY6E	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PDCD4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PKP4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IL6ST	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
AGRN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FRK	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF430	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NIP7	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PDCD6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TSPAN31	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATP10B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PLOD2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FRY	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EGFR	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LAPTM4A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STX5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MAP3K8	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF420	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NEK6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BNIP3L	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC9A3R1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PIAS3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FBXO31	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FBXO32	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FBXO30	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LCN2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BMP2K	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MNAT1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC27A5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
OSBPL1A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KCNE3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
COL17A1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EIF4EBP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LY75	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MSI2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NHSL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MED31	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FNTA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
UROD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NEK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NEK2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NFATC2IP	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SLC2A4RG	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

ITGA5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ITGA3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TNFRSF19	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TNFRSF1B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMBIM1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DBNDD2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TNFRSF21	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LCP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMBIM4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PCCA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SP5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
OGT	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KCNK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BCAR3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MCFD2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SHMT2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MLLT3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SPATA7	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MLLT6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ALAD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RDH13	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KIAA1522	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BOK	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BCAS1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NADK	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MBIP	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STYK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GZMB	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MID1IP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MYO10	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RNASET2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CABLES1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TM6SF1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TBX3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CFDP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MYO1C	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TSPAN14	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MYO1B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRIM36	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KCTD15	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KCTD12	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRIM32	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PIK3AP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRIM34	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PRPS2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SRC	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MSLN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRIM31	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ITGB5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SRI	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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NRGN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNRF1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNRF2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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HHEX	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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PTER	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

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ITGAV	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FYN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SMARCA2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PPA2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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CCDC82	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RIN3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SLC23A3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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STS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CDC23	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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PEG10	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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FAM3B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

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ETS2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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AGPAT5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CA2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IRAK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LPXN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ATF7IP	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DAPK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ERCC1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GALE	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KRAS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRIB2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRIB3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SIGIRR	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRIB1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RND3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NR3C1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
POLD4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ACOXL	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
OXCT1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DIP2C	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HOMER3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PCGF6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HUS1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NUP93	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CAPN12	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DEPDC1B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TEF	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RALB	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF395	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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GLS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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APOL6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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FLRT3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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ALOX5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

ST3GAL5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PRSS8	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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THSD1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NOB1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TTK	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HDAC9	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SYNE2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
THSD4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SCRN2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SCRN3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
UGT1A6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CCDC51	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
UGT1A8	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IFRD1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

IL1R2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KRT7	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CRNKL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IL23A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KATNAL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NEIL2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
OBSL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DCP1B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IFITM1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CBLC	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CALML4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
AQP5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
AQP3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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MTHFD1L	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STXBP6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RFFL	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HLA-E	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
VASP	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
VNN1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SMTN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SIM2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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MAGED2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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PPL	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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IFIT1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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PADI1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LXN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SCHIP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
UXS1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MRPL13	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMEM92	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MYLK	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LIPG	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NETO2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GRPEL2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IL20RA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KCNMB4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZBTB7C	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
AMZ2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RHBDL2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ANKIB1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HACE1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
UPF2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LYN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FGFBP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RIPK3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NSUN4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EMP3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FAHD2A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMC04	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMC5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LYZ	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMC4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GPRC5A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LETM2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PIGA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PIGK	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF239	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF232	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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IQGAP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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AREG	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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MYO6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SH3BGRL3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STAP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CTBS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CGNL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

ELOVL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GPR37	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NANOS1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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ARG2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STAT3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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QPRT	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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BRCC3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

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PTPRB	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
VSNL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ID2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MKX	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CD24	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FOXC1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CETN2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PTPRO	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
INTS10	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMPRSS4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CTSZ	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KIF15	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KIF14	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HNF4G	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMPRSS3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PCSK9	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NEDD9	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PCSK6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CTSS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PTPRH	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ACACA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SNX5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SOCS2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SNX1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IDS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CTSL	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STK39	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CTSH	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LMCD1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

SNX9	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CTSD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SOCS5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SOCS6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MMD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BCAP31	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MME	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
AP2B1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
UBE2E2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MIB1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FKBP1B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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STK17B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CCNE2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CCNE1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EPPK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IL17D	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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ERRFI1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FOXA1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FKBP11	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SLC43A1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FKBP14	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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FHOD3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SERTAD3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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CD55	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NPNT	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
G6PD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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RXRA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SSH3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PAN3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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BMP5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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CHD2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
FUT2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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PDLIM1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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PDLIM4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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REN	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ADA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SERPINA1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CLTA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GLG1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

RNF157	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CSRP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRIM4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GPRASP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF589	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TIGD2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF587	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF586	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
WWOX	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SERPINB5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SF3A3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SERPINB3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IFNGR1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMOD3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
WWP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
LAPTM5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EN2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ADAT1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GTF2H2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NMNAT3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TTC7B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SERPINB8	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SULF2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TMEM154	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
COL4A2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RFWD3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MSRB3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NOTUM	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HBEGF	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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PFAS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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RNF139	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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ANXA9	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RIOK2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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PLCL2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

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CAMK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TFF1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SGK2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
AKR1B10	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RHOU	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TRAM2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CLIC5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CLIC4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MAOB	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MAOA	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
IGSF3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KLK6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STC2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
VLDLR	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KRT20	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
NNT	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HINT3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PITRM1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CLIC3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ARNT2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PRMT7	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PRMT5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SCD5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
RSL1D1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TJP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TJP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DNASE1L1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TJP3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DCP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GDI1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PRIM1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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GYS1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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MAP4K4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GDF11	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CA13	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BTNL9	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2

CA12	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TGFB2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
KLRC4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EPDR1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ARID3A	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ARHGAP27	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
BATF	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNFX1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
GNPDA2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
AXL	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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FAS	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SCG2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
STEAP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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ARID5B	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DNAJC12	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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KCTD6	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SGPP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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SSBP2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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STEAP4	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
ZNF174	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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USP12	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
USP13	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CD163L1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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USP18	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SH3YL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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POLB	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
VSIG2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
VSIG1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
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RBFOX3	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
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L1CAM	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
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CAPN13	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
LGALS12	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
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VIP	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
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CHIC1	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
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SV2C	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
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SPOCK3	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
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TBX1	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
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VSIG1	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
NOS1	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
DLGAP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC35E4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
USP12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CARD10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KLF5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CUBN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
HS3ST1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMEM47	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RUNX1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
JAG1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLCB1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PCDH17	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KCTD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DSG3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BMP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PTGER2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC5A3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AKAP6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SH3GL2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TTC39C	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NRIP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
OCIAD2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

KIAA1328	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ETS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC1A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LMO7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BTG3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DACH1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MIPEP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FERMT2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLIT2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MAPRE2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FUNDC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NFATC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TXNDC16	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ALG13	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RAB27B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SPATA13	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NOVA1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BACE2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CYYR1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FUT8	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TRMT2B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SIK1B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SIK1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CNTLN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LINGO2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
APBB2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SERPINB2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SHROOM2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GNA14	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TULP3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
VOPP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DOCK11	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SETBP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GCNT3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
OSBPL3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ANXA11	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GREB1L	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KLF3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RSU1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ATRN1L	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
B4GALNT3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MLLT3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
UGT8	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SHROOM3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMTC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DCLK2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DUSP14	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SAMD4A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NDUFA4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TGFBR1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
APLN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CALCB	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LMTK2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FMN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TNS4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TNFAIP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MOXD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MACROD2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LNX1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

ETV1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CCNG2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ST8SIA6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RNF150	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
STARD13	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IPMK	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NCOA7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ATP8B4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLIN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AHNAK	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RAB11FIP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
STK38	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARMC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AVPI1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TNIP3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MYO10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EPDR1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RASSF6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BMP6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RUNX2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PAPPA	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FOXF2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
APCDD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IL15	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM171A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GRID2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PCDH7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FARP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMPRSS11D	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
XPNPEP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CTBP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SUSD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ITGB8	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MICAL3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BCAT1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MYOF	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SDCBP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MARCKS	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PC	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PKIB	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ATP8B1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
APBB1IP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LAMA3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TSPAN14	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BACH2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MKX	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RRP12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SULT1B1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PIM1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AQP11	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ZNF395	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DIRAS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RNF24	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EDN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SH3RF1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FNBP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
OPHN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AGR3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
HTRA1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

GFRα2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TNC	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CTSZ	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TSPN5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SERPINB5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LPCAT1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DCLK1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PPP3CA	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC7A11	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TLE1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ANK3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PIP5K1B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GRIK1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TADA2A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PARM1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PRRG4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SOD3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM83B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM53B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RAB11FIP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CYTH3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ENKUR	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NRP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
OSBPL2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SEMA5A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RCBTB2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FOXQ1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RAP1GAP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARL4A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KLF4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CHST3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC16A7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GPR158	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARHGAP10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ABCC4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ZFAND5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RIN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DSC3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SOX21	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FRAT2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ANXA1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FCHSD2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMRSS11E	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLTRK6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PALLD	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ZNF451	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PDE1C	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EFNB2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
COL15A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KLHL32	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ASAHI	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CHIC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
JUP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NDFIP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
POLM	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMEM211	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC1A4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TSPAN8	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TRIP10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

PCDH18	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PPP1CB	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CA10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SYNE2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CECR2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DOCK9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SULF1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
WDR72	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RAP2A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KIRREL3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EXOC4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LY75	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LAMA4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IGSF11	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FRAS1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DENND1A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MAPK10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TGM3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMPRSS4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SNRPN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DPYSL3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
C6orf136	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BNC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TANK	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TANC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NOL10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AKAP12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SEMA6D	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RIMS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GDNF	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FIGN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
WFDC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SIL1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BARX2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
WNT7A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MACC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CITED2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FBXO16	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TGFB1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ASB1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ATP8A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CCDC85A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
OSGIN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
WNK2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
THUMPD2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC8A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
N4BP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PRKCH	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLS3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PPIF	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AIG1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
VCL	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NRXN3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GSS	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARHGAP26	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RPS6KA3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC16A9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RGS9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RERE	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

FBLN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MEIS1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LY6E	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
COL8A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KCMF1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PARP12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLCO5A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SMPD3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC4A4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FHL2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC44A3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SYN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GLI3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TRIM24	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ENPP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RFX3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SCARA5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EMB	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MMP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PGM2L1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MGAT4A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FSD1L	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLEKHH1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FLRT2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AMOT	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM81A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DNMBP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EPHB6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
STXBP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NEBL	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IGF2R	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ZFHX3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TLE4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GJB5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KLF12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RAI14	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PBRM1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ILVBL	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PCTP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SOX5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NCOR2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RAPGEF5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PHACTR4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ZNF365	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARFGAP3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PACS1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
COL4A6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IL20RB	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MREG	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMEM200A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PKD2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SOCS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MYH9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ETS1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CDK14	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NFKBIA	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GUCY1A2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DTNBP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MAL2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

PDZRN3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MRAS	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
B3GAT1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ADD2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SGMS1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IL1A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RANBP17	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NUDT4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TXNDC12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PEBP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RBMS3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LIPT2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CDH6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM3C	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GHR	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ALDH3A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EYA1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LAMB1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CDH11	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ESYT3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BAIAP2L1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CCDC88C	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
HMGCLL1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CMYA5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TOX3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
HS6ST1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MMP16	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DMD	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARID5B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SYT17	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PI15	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EEA1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PRKD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MCC	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TRIM2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
B4GALNT4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MPPED2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GIPC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TEK	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ROBO2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TJP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KCNN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NEGR1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GPHN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RNF19A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM181B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TM4SF1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
UGCG	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ATP10B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FKBP5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TGM7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLA1A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NHLRC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NDUFS4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AGPAT4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TULP4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EHF	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC9A2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

TNFSF15	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GRM8	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NUDT7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PARD3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SPRY1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EPHA3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLB1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ANKH	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DNAJC6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
VEGFC	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
QKI	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ADM	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PODXL	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PPP4R4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EPCAM	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PTER	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CEP68	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CRADD	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PTGR1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EPGN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BTG1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARMCX1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KLHL8	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ALDH5A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CAMK4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARG1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NEURL1B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM110C	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC25A25	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ANKRD6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MAP3K8	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ALCAM	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
JPH1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DNAJC21	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SESTD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SRL	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARHGEF12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SORBS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EFEMP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MBNL3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KHDRBS3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MFAP3L	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MEGF9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GLIS3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PAIP2B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CX3CL1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PFN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MBOAT2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TBC1D30	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NUAK2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IL6R	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
B3GNT2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PBX1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TBCA	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SETD5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KLHL29	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DGKG	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LITAF	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ST14	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

RBPJ	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ADAM12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC4A3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CCDC141	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IDH2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TNRC18	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CDH13	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MPZL1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TXNRD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TANC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RGS4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IL10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KRT19	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARHGAP18	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MEGF11	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KIRREL1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC13A2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ALOX12	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SHISA6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SMOC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NRXN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RGL1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SOX6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CTNND2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BLNK	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RARRES1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NMNAT2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PPL	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CADPS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EFNA5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
UTRN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PKP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KCNJ2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NUDT4B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ATP1B1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM43A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ADRB1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LYPD6B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TNK2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LY96	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
OTOP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
HDAC9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IQGAP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SMPDL3B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KCNK1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IRAK2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TMEM161B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RC3H1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
HHAT	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IRS1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CNIH4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ITGA6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RAB43	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EPHA7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CFTR	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ADAM9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SPRY4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ST3GAL3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

BTG2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NFKBIZ	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PGBD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LPCAT4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RFFL	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NOS1AP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CLSTN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CLDN4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC25A24	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GGH	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ROCK2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ARHGAP20	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DNM3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GRIP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CHMP2B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CAPN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ELF3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BMPR2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EIF4G3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DSP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ERC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
QSOX1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
KRT20	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ACOX1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RASGRP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
HMCN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TNFAIP3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NGEF	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ATP10A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LMNA	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
C3orf52	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DST	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SGMS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM189B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EZR	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CASQ2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CSGALNACT1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ZNF362	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ACAD9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CDC42EP3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LIMA1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NR4A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NRP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ODC1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ACVR1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FAM126A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IFIH1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SYTL3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SMG7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SGK1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
IL18RAP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LFNG	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC4A7	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
C3orf70	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LAMC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EIF1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SFXN3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MBNL1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
NHSL1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

KIT	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GBP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLD5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
STC2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RGS5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ASPA	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GBP5	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RPRM	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
FOXP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
AMIGO1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PDE4DIP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SNRNP48	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PXDN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SULT2B1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CRYZ	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
THBS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
STAC	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC6A6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SPPL3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LPGAT1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CLDN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PDLIM4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
EPN2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
JUN	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TNIP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
S1PR1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CD9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ANGPT1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC6A2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RBFOX1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DGKI	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ATXN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SOX13	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
VCAM1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TFCP2L1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LRRC8B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MACF1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TP63	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
DUSP1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
SLC16A11	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PLS1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
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HS3ST3A1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
ANGPTL4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
HRH1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GNB4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CNN3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
CREG1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
RNF19B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PDE4D	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MDFIC	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
BCL2L15	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
TRIO	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
LPAR3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
GOLIM4	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
MYH14	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
VIM	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
COL4A3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:
PTPRJ	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF:

NWD1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
MNDA	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
SLC25A10	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
PRMT6	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
PTGS2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
CCL20	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
RARB	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
TWF2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
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SH3PXD2A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
PLEKHM3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
AFF1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
TRIM33	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
LRIG1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
SIPA1L2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
ABR	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
NUAK1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
RAP2B	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
KRT8	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
SEMA6A	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
SBF2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
LRRC8C	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
IQGAP2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF
BMP2	SOX2 regulated genes from PMID: 20726797	SOX2
BMP4	SOX2 regulated genes from PMID: 20726797	SOX2
BMPR2	SOX2 regulated genes from PMID: 20726797	SOX2
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SMAD6	SOX2 regulated genes from PMID: 20726797	SOX2
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IGF1R	SOX2 regulated genes from PMID: 20726797	SOX2
GNA15	SOX2 regulated genes from PMID: 20726797	SOX2
TGFB2	SOX2 regulated genes from PMID: 20726797	SOX2
RGS3	SOX2 regulated genes from PMID: 20726797	SOX2
FGFR3	SOX2 regulated genes from PMID: 20726797	SOX2
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EREG	SOX2 regulated genes from PMID: 20726797	SOX2
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IRAK1	SOX2 regulated genes from PMID: 20726797	SOX2
PIK3R1	SOX2 regulated genes from PMID: 20726797	SOX2
EDN1	SOX2 regulated genes from PMID: 20726797	SOX2
OPN3	SOX2 regulated genes from PMID: 20726797	SOX2
PYCARD	SOX2 regulated genes from PMID: 20726797	SOX2
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CD24	SOX2 regulated genes from PMID: 20726797	SOX2
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RHOQ	SOX2 regulated genes from PMID: 20726797	SOX2
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MAML3	SOX2 regulated genes from PMID: 20726797	SOX2
GNB2	SOX2 regulated genes from PMID: 20726797	SOX2
COL16A1	SOX2 regulated genes from PMID: 20726797	SOX2
MTSS1	SOX2 regulated genes from PMID: 20726797	SOX2
TRIB1	SOX2 regulated genes from PMID: 20726797	SOX2
PTK2	SOX2 regulated genes from PMID: 20726797	SOX2
IFITM1	SOX2 regulated genes from PMID: 20726797	SOX2
ACVR1	SOX2 regulated genes from PMID: 20726797	SOX2
CCRL2	SOX2 regulated genes from PMID: 20726797	SOX2
TACSTD2	SOX2 regulated genes from PMID: 20726797	SOX2

PTPRF	SOX2 regulated genes from PMID: 20726797	SOX2
SMAD3	SOX2 regulated genes from PMID: 20726797	SOX2
DGKQ	SOX2 regulated genes from PMID: 20726797	SOX2
SRC	SOX2 regulated genes from PMID: 20726797	SOX2
EGFR	SOX2 regulated genes from PMID: 20726797	SOX2
DGKH	SOX2 regulated genes from PMID: 20726797	SOX2
KLK6	SOX2 regulated genes from PMID: 20726797	SOX2
GAB1	SOX2 regulated genes from PMID: 20726797	SOX2
VIPR1	SOX2 regulated genes from PMID: 20726797	SOX2
PARD3	SOX2 regulated genes from PMID: 20726797	SOX2
CD14	SOX2 regulated genes from PMID: 20726797	SOX2
ROR1	SOX2 regulated genes from PMID: 20726797	SOX2
ADAM17	SOX2 regulated genes from PMID: 20726797	SOX2
ADAM10	SOX2 regulated genes from PMID: 20726797	SOX2
NUP62	SOX2 regulated genes from PMID: 20726797	SOX2
LEPR	SOX2 regulated genes from PMID: 20726797	SOX2
P2RY2	SOX2 regulated genes from PMID: 20726797	SOX2
AFAP1L2	SOX2 regulated genes from PMID: 20726797	SOX2
AREG	SOX2 regulated genes from PMID: 20726797	SOX2
HPGD	SOX2 regulated genes from PMID: 20726797	SOX2
STAT3	SOX2 regulated genes from PMID: 20726797	SOX2
CXCL1	SOX2 regulated genes from PMID: 20726797	SOX2
GPR37	SOX2 regulated genes from PMID: 20726797	SOX2
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LY6E	SOX2 regulated genes from PMID: 20726797	SOX2
CBLC	SOX2 regulated genes from PMID: 20726797	SOX2
PSENEN	SOX2 regulated genes from PMID: 20726797	SOX2
THBS1	SOX2 regulated genes from PMID: 20726797	SOX2
DEFB1	SOX2 regulated genes from PMID: 20726797	SOX2
ADRA2A	SOX2 regulated genes from PMID: 20726797	SOX2
RGS2	SOX2 regulated genes from PMID: 20726797	SOX2
ITPR3	SOX2 regulated genes from PMID: 20726797	SOX2
RBP4	SOX2 regulated genes from PMID: 20726797	SOX2
HSD17B2	SOX2 regulated genes from PMID: 20726797	SOX2
RXRA	SOX2 regulated genes from PMID: 20726797	SOX2
AQP3	SOX2 regulated genes from PMID: 20726797	SOX2
RARA	SOX2 regulated genes from PMID: 20726797	SOX2
TRIM16	SOX2 regulated genes from PMID: 20726797	SOX2
ELF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FLRT3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SUV39H2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PSTPIP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TTC39B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EXOC5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLITRK4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TFAP2C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
AHCY	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
OSBP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
IL13RA1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ADGRA3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PBDC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SMOX	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TCEAL5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FBXO7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLC39A6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
YES1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RGS6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TMEM50B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GAREM1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

SLC37A1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FAM3B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CCT8	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ASCC2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TPTEP2-CSNK1E	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CSNK1E	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KLF6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BTG3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LURAP1L	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DSG3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAFF	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HSPA13	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
WDR1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PSPC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RAE1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EIF2S2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GTPBP6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PRELID3B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UNC79	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZBTB7C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LTBP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DEPDC5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TMEM30B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PCSK2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NUDT11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BRWD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BTBD7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DSTN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SAMD10	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
XKRX	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MTCL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NAA30	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SCEL	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RRP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CCDC85C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RNF152	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CLDN14	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PLEKHD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
OSM	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RNF17	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TMEM33	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TRMT5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BMP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SRSF5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LHFPL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CDKN2B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TXNL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DHX15	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
POF1B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NDP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MTAP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RIPK4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EFNB1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ACAA2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PDE9A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LIMK2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CTIF	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PMEPA1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

HSPH1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
USP16	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
C21orf91	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RAB27B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CORIN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EIF4ENIF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TGIF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MYO5B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLAIN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MSX1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GTF2F2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
JAG1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLC25A17	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SMAD2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TEC	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PLA2G3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ETS2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TBC1D25	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DSG4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CCDC68	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RUNX1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
S100G	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EYA2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ATP9A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PCGF3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SEC23B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PCBP3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PCNX4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PTPN3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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OSER1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TES	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SPIDR	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

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PJA1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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AIMP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DUSP9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FRYL	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CD2AP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ANKRD50	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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EBPL	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TBC1D2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CDKL2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CNN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GATAD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CREB3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FEM1B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SYT7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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BICD2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CAAP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GSTCD	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TCF7L2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CISD2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TMPRSS11F	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GCLC	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GBA2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CPXM2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PAQR8	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TCFL5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HACE1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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AK7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CWH43	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PROSER2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PALLD	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FAM83C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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MAPK11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LAMA3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
AJUBA	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ABTB2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DBNDD2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TM9SF3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MORF4L2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAPK1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DLST	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SWI5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAGOHB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

RAD23B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GPRIN3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
IRX4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BMP6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NAA35	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NUS1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SUCLA2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DSG2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CPNE5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CRK	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RCAN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FLNA	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FJX1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
B4GALNT3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CA12	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SNX12	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KCTD9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MEOX1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FERMT1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EDN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FAM199X	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
L3MBTL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TFIP11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GOPC	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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NFIL3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PAK3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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LGR4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FHOD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SNU13	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KDM1B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GOLGA7B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CHAC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ID4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPDPF	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CSTF3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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HSPA4L	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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BCORL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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LEO1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NOCT	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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MICB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CPE	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FHL2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GALR3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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STRBP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TRIP6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KLC2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SRD5A2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
STX1A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLC5A5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TMC7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SIPA1L3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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EEF1AKMT1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SKIL	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
USP20	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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LAP3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ARHGEF16	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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MSX2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SCRG1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SH3BGRL2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HYAL2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GDE1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CHD7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ARL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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EIF3C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ESRP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NAA15	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SMURF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FTSJ3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RABL2B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LPAR2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZCCHC7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KLHL25	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GRIPAP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NBN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LGALS3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TMF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DZIP1L	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TUBB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZNF274	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GDNF	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MIA-RAB4B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MIA	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
VPS36	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MATN3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DCBLD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CLDN12	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CST6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EIF2S3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAGEL2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GALNT14	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
YKT6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
WNK2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TUBB2A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EOGT	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ERCC6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZDHHC21	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TUBA1B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GDF7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
IL6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PADI4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
THSD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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RHPN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZC3H15	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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UHRF1BP1L	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TAF4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CYP21A2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CDSN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TUBB2B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BHLHB9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RNF19A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ARHGEF26	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NAB2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CABLES2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GJB6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CRIP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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USP38	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
COL4A6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TRAPPIC13	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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UBE4B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PDZD7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GALT	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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UCP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
COPS5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CA6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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NUMB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ACP7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KCTD4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ETF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FLRT2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PPARD	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SH3D19	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SNN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UBAP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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EPB41L4A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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DUSP6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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AKIRIN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GABRP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FZD2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PINLYP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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RET	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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BOK	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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RTKN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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C3orf18	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GAN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TTLL7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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VASN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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HSPA2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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KIAA1191	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CXCL14	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ITGB6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PCYOX1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
IGF2BP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FADS3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SMARCC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MT4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ATXN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FAM47E	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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POLH	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TNFAIP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FAM107B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DENR	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPP2R5B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CCNO	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HSD17B14	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LY6D	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CSRNP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DLX2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CA2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLC35F6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CARM1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PSMD12	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EDF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PLCXD2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DDX19A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PURB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SEC23IP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HIF1A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UBA2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ALG9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FBP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
N4BP3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CSNK1G3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PLEKHG3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPP2R1A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BOP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZNF185	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZBTB1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
OPLAH	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KRT80	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TRPM4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAP3K20	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
OSGIN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GPC3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
POLR2J3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CNIH2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CRYM	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EPS8L1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LCN12	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

GTF2H2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SCAPER	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLC38A3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SH2D4A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NAE1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MYCL	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
YWHAQ	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NEK5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PTPRN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PLEKHG1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
POLD4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CLDN3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SRRT	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UNC93A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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EPCAM	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
WRNIP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LATS1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PAPSS2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ANKH	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPP1CB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
C4orf36	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CLASRP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DHX16	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PSCA	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NECAB1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CKAP4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BNC2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PDZD2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ENOX1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PRKCI	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
XRCC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MPRIP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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LHX2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SP6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SIGMAR1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

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ARNTL	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CADM4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GARNL3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FFAR3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SEC16A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BCAR1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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MAP2K3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TP53	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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STAM2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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WNK4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MUS81	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EIF3J	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
VCL	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HOXB6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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MPZL2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAS1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TNFRSF11B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CD164L2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SEC24C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CTTN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
IFFO2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GDPD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GCSH	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
COQ5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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HADHB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PLEKHH1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PSORS1C2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ELF5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TM4SF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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EIF3D	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
C10orf95	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LYPD5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
C11orf80	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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EIF5AL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RAB21	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ACTN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NIPAL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ICMT	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SARDH	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RDH10	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KIF26A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RAB15	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LINC02210-CRHR	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TCP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SOX9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FGFR3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ANXA8	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PTPRK	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SEC11A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PTGR1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CNTFR	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ACTB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TMEM39A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SFRP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EPHB6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PIGH	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZFAND6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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DOK4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NRARP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NTN4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TSFM	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CXXC5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CPEB2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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RALA	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MOB1B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UBA1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EVA1A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
VGLL3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LBH	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
C6orf132	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CAND1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

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BRAP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GPC4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DPYSL5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPFIA3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MMP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FGF19	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PLA2G2F	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FLNB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SPTSSB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SNTB2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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KPNA4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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BLZF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PADI1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GMCL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FARP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RGS12	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PIGM	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FZD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RNF222	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LINGO1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SPACA6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LMNB2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NAPEPLD	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ALG8	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SFPQ	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

MARVELD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CNTNAP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
VDR	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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COPB2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GAS8	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GLI2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
AFDN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
THEM4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ST14	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RRM2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SYT13	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TNN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
XXYLT1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LMTK3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
THUMPD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FOXJ1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ENAH	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ARHGAP32	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CAPN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TMEM54	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
VPS45	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FAM8A1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TMEM231	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
S100A14	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ARHGEF5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPP1R2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPP1R2B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RAB3IP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TAX1BP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PM20D1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EMP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FZD10	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UBE2O	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FAM98A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CNN3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

STK16	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FBR5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TCERG1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FAM136A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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NEMF	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZNF326	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ADGRG1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NBEAL2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SIPA1L2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LLGL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SPG7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MTX2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FNBP1L	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BAZ1A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KCTD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLC6A2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
VGLL4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
OST4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ARHGAP20	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DNAJB1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EPHX4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SIKE1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CD9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DNAJC11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KRT40	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CNOT9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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WNT9A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ANKRD13C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GRHL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PHLDA1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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KRT23	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CDC42EP4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
F2R	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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NECTIN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PCBP4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

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STON2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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MFN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UCK2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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WNT5A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CAMSAP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GPA33	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GNB1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CYP4F11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CYP4A11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

MARVELD2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SDC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KRT33A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BMPR2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PATJ	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ARF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TCF3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CORO1C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EZR	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
APPBP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RBM12B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GPR87	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KRTAP3-3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KRTAP3-2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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AGBL5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
B4GALT3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAP4K4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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RNF39	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
C6orf141	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

CTPS1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ATP2C2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ADGRl2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PTPN9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DVL3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FZD5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
USP53	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CHD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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EPHA4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CRIP3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ACTR1B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CEP83	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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KRT79	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAP6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PLK3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ACSL3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PALMD	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KIF21B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TRNP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NUDCD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DYNC1I2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ANGPTL4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
POLB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

TMEM139	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ABCC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KLHDC8A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HMGCS2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
OTUD7B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LINS1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FLG2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CCDC106	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ENC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TPPP3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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HRAS	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CCT7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BAHCC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TUFT1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SHOC2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ARL13B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SLC4A9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LYG2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
IRGQ	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FXYD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MIDN	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PTGS2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FSTL3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RNF223	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GTF2H2C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
BMPR1A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SETD5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
S100A11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NT5C3A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RAB7B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HOOK2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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ZBTB17	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ANGPT2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EBNA1BP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CNOT2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PLXNB1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GALR2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EIF3B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAGI1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ANXA9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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HR	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FAM89A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KRTAP4-6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TANC2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HDLBP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
C17orf80	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

CAP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PGM1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MAPRE3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
C3orf52	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TXNRD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
WIZ	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
YWHAE	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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CDH1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
E2F3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GMPPB	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PTGES3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CCT3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PAFAH1B3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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USP43	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TWF1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CTSE	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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NAV2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RANBP10	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

PFN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FYTTD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SORT1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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TOP2B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NGEF	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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UBTF	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SEMA6A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TEPP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SMAD3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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C1QL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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GSK3B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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FBXW11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SF3B4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ATP2C1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KRT36	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HEYL	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PHC2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UBE2I	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KCNH1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPP1R13L	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PPM1D	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ACP5	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MRGPRX3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CHMP2B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PIWIL2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ATP11B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CFAP57	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EIF5A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TFG	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RAB34	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ATOH7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
KLK7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PLEKHG6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ARAP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PIAS4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ABCB11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CLDN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
LAMB3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HAS1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
VTCN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
UBE2F	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MUC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TSC22D2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ACTL6A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
TNRC18	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PCDH1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RTN4	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ZPR1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
E2F2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GRAMD1C	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GCNT2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RGMA	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MXD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MEX3A	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DYRK3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
RNF11	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
USP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
FSCN2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PGBD1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
IFNLR1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EMP2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ACOT7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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SLCO2A1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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MYO1B	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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PHYHIP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
ERC1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
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MZT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SYN3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
USP12	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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YES1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UNC79	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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CLDN17	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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PPP6R2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SEC23B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RALY	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PDE9A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HAUS6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2





PSMG2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ADRM1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MIPEP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GTSE1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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BCOR	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CYP17A1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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EFCAB11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GPATCH8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SUPT16H	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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TSSK4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
INCENP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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C18orf32	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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FRAT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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SRXN1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LDLRAD3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NRBF2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2











IPO4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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RAP2C	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C7orf50	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BARX1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZDHHC16	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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ARFGAP2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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TFAP2B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
E4F1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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HSPA4L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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SCD	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDC42EP2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FOXO1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ONECUT3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TCFL5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RPL35	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HACE1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2

QSOX2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HNRNPD	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PLXNA3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UQCR10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
AASDHPP7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TXNL4A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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YTHDF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPEF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
JARID2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TXN	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
OAT	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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ZNF335	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZSWIM3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SFXN2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZFAND5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ETNPPL	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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SAC3D1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAB40C	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RFLNB	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MACROD2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VNN1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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ARHGEF39	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PGAP3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CCKBR	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BMS1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MED31	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DCDC2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
XRCC6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EGFL6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KCTD9	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SNX12	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NT5C3B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BCCIP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STUB1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
INIP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DDX3X	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ANKRD10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EHMT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2







DBR1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MPV17L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
IFT74	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CYP1B1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TG	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDSN	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PAIP2B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DTYMK	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPATA5L1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
COPG2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZBTB40	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CTU2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NEIL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MYCBP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BDKRB2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BHLHB9	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CHCHD2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
POLR2L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SNRNP200	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CALCOCO1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NUP107	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NDE1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SKIV2L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PRSS36	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RNF19A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SOD2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FXN	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NOXA1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EXOSC6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TRPV3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM115	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBXO43	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PDIA2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HAUS7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
IL17D	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAD52	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
INHBB	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM184B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TAPT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UBXN2A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SEMA4G	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CPT1A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BRMS1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARHGEF26	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PTCD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDKN1A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CABLES2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RBM22	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MTHFD2L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DTX3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SMARCAD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DRD4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KLK1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LAMB1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RNF185	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
POLR1D	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GLE1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CBY1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPOPL	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2











CDKN3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TTLL10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RTN4IP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM35A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TRIB1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
IZUMO1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM134	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ABCB8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
YEATS4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAD54B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SCUBE1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
OGDHL	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SCNN1G	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CEPB	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAD51C	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SERPINA1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NIPAL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PTPRK	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
B3GNT4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ALDH3A2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KITLG	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PRRC2B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HAT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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CCND2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PAFAH1B2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UBE2E3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF169	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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SFRP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
E2F5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CHRM5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GTF3C1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NXT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TULP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EPHB6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATOH8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HAUS5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RABGEF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZMYM2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STBD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZDHHC6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MAD2L1BP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PSMB2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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MED7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NECTIN3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KRT6A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CNOT6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZBTB39	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STAG2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZSCAN25	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RHOG	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CYP4F12	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KAT2B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ANAPC2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2







C1QTNF12	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BORCS8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLCO4C1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LIG4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MEPCE	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CYFIP2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CD151	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LYRM4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TP53I11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CTBP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARL6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LRWD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HDHD3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZC3HAV1L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STAM	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
URI1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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GABARAPL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RARG	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NXF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VWA7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BBS12	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SESN2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PYURF	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM166A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GLB1L2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PSMC2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NSMCE4A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CLUAP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
JMJD7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDC42BPG	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MEA1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDK17	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATAD5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DDX19B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CCDC189	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ADAMTS13	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EMC4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF597	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CEP131	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KLHL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FRA10AC1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RPS6KA3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PSMA3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDC26	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPSB3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GPATCH1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TPO	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RUFY3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PRPF4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STRN	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LMNTD2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NCAPG2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CEP170B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
XPO5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BOK	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UTP20	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CRYBB3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARF5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2















TMEM132A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
AOC1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NDUFAF8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HYAL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MSH5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FFAR3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C16orf74	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
METTL26	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SC5D	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MIP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SEC16A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZBTB8B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DNAJC17	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MACC1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBXO34	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARID4A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBXO42	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ESRP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FMNL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RPL30	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF213	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SUPV3L1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF334	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LPAR2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZCCHC7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SYP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CTNNA1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ANKRD27	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LCMT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SNTB1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KLHL32	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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IGHMBP2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PLD6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GNA11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TTL	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC25A46	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GLI1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RBM10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
THAP11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DCTN3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CALD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM193B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
AIG1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC9A2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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NUP210	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LRP8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RBM42	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PTGER4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MSH2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
YIF1A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TUFM	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MICAL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TCF19	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LZTS2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HSPB1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CPSF2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2

SHCBP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DNLZ	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NSD2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZFP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GTPBP10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DEPDC1B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SERPINB9	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KIAA1549	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MBLAC1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
B3GALT6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
IFRD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KIT	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DIS3L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
S100PBP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TDG	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
POU2F1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ABLIM3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KCNK7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KCNC3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TXLNA	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DDX5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RITA1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RUNDCA3A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NLRX1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DDX59	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARHGAP29	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBXO25	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SMPD4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ODF2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TXNL4B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TIGD5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PLA2G4B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HAUS8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C6orf163	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBXO38	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UBE3B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CACNA1H	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RFX1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TTC13	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NGEF	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LRRC59	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PDCD10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TOP2B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
OVCA2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
COX7A2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPSB2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SNAPC2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LETMD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TRMT13	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TRNAU1AP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HEXIM2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C3orf62	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KIFC1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PFDN6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PPM1D	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CD320	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NUDC	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TRADD	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SSB	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2

MUL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C16orf91	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CHMP2B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM169A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TFPT	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZFAND2B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PHLDA3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARAP2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATP13A2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAD9A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PLEKHG6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
AMT	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ERI2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CPNE4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KLK7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PYM1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATG9B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ECE1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF768	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NPLOC4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAD54L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SFSWAP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARF6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GSK3B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SMYD3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VPS53	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBXO41	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VPS26B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CNOT3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SEC61A1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBXW11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DUSP10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PPP1R13L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZFYVE27	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BDP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PDE6G	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KLF16	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GPR19	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RBM33	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
WDR55	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZBTB7A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RBBP4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SNRPE	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MRPL24	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PPHLN1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PCDH1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RUNDCC1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
YBX2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VPS9D1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RTCA	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HOXA5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RGL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VIPAS39	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SWT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATP5F1B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DNMT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SENP5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CLDN1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ABCB11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2













MRPS27	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LSG1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
METTL23	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
POGK	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MRPS22	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HP1BP3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CAPN5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SRCAP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GTF3C2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMA7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PPP1R16A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HOXB5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ENOPH1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF146	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
POLR2D	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DCAF15	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SDR16C5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TRNT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BCL2L12	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LMBR1L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BLOC1S4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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SAP30BP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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MAZ	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
JUND	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
POLR3A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FOXH1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KIFC2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RGS16	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPIRE2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CFAP45	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RNASEK-C17orf41	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C17orf49	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BTF3L4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATG101	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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TMEM101	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BAP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PIK3R2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZMYM1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
B4GALT3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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KLHDC3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARHGAP35	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CXCR5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NMRAL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SUPT7L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM65	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MCM2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HSPE1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MFSD2A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HMBS	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SRPK2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2



CHEK1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM238	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UCHL5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CHD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC25A3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF32	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SENP8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
METTL5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF566	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HAPLN3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SMC3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GADD45B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MAP6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ANKRD52	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PALMD	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EGR2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PRR11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CWC25	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HDAC3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DHX37	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NUCD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LIPH	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KIF21B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DHPS	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TRNP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C2CD2L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
AMBRA1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LCLAT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MRPL28	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ANGPTL4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PLEKHA1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UBXN1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SDHB	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GALE	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ORAI2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
AMMECR1L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FIGLA	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BTBD19	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZRANB2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PTCHD4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PRPF40B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RTF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GPAT4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SMC4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPTY2D1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GATA3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF296	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KIF9	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
AZIN2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
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SULT2B1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ALOX15B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TIMM17A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CCNL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KLHL29	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAD54L2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LLGL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CYBRD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DPY30	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2

C2orf69	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CEP83	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NCAPD3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RNF220	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
USP42	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RFC4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KCTD15	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF239	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RSRC2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RTKN	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF780A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NVL	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TUFT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SRP19	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
YARS2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TDRD5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RPS25	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ECT2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MARK4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GRM2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF180	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ACSM3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PURA	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SCAF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZBTB49	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBXL14	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DDX41	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC30A6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MRPL37	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
OTUD7B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UBE2J2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HMGCS2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC23A1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STIL	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EIF3E	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
COPS7B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DPM3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC6A15	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ENC1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TIMM44	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CCDC106	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF131	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PTP4A1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UBIAD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC7A14	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MRPL12	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NUDT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM138	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PBLD	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PRR14	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GGPS1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC45A1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PTHLH	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM83E	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KCNJ13	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
COA7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TOMM7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KRAS	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HS2ST1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2







ZNF845	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CTNND1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF777	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
APLP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM231	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CRTC2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM8A1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM54	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HNRNPUL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CYB5R2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BCL9	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM189A1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
OSCAR	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DYNC1I1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZNF286A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RHOB	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MRPL43	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KMT2D	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SRRM1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SRSF10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GPBP1L1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ADGRB1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PYCR3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM98A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STARD10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CSNK1G2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TRIP12	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
WWTR1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C2CD3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC25A39	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NACA	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MAP2K2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
WDR6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM216	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
XPO1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FAM53C	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SHANK2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CEBPZ	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CNOT1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CTF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RPL19	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C19orf33	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ELP6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NAA38	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LRRN2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SCCPDH	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ARHGAP33	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM161B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RELL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KCNJ14	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPINK8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LSM14A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
METRN1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HSD11B2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DCAF7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ANKRD22	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ZCRB1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ACAN	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GADD45GIP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2



ZNF672	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CHTOP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TMEM218	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PEF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
COG1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
IL1F10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SAMD4B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ERBB2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NOM1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VAV3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DAPL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RHBDD2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SH3BP5L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TPGS1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KRTAP2-3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KRTAP4-11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KRTAP4-8	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NACC1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RNF26	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
WNT9A	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HCAR1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DHFR2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TBP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CAMSAP3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MDM1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDC42EP4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MOB2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C5orf22	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
JMJD6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ELL	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RCCD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
THOC7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UGT1A6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MED16	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VEZT	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SNRNP25	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RNF19B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DDX49	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
BAZ2B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MUTYH	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DDX55	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EIF4G1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VPS37B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATP13A3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RPL26	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PLK2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPRY4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPATA2L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EXOC3L4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
F2RL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KRT23	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ULK1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
C19orf67	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CCNJ	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CNTROB	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UXS1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MVK	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RASAL2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STK11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2











RCC1L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
AHCTF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ENGASE	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PSMD4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SMG7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDK10	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KLHL21	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EVI5L	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
INTS11	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SUPT6H	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FZD7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SPAST	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
APOLD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAPGEFL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RNFT2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ADGRL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MOB4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
S100A6	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SCYL3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RAPGEF2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
STAMBP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LSR	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FBLN7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATIC	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CARF	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NHSL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CSRNP2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CCND1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
UBE2G1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CDKN2D	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
WDR46	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SETD1B	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PUM1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NDUFV1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
RABGGTB	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC35A1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CSPP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
COMM1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LYPD3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ST3GAL5	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VPS54	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CTTNBP2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MAP2K7	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MYO19	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
FMO4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
VEPH1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
PPL	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
EFHD1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DYNC2H1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SNRNP70	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
KDF1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
GLIS1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ERC2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
LRRC40	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TFDP2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
NCDN	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SLC35A4	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MRPL35	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HR	KLF5 regulated genes from PMID 34217701	KLF5

ITGB4	KLF5 regulated genes from PMID 34217701	KLF5
GLI2	KLF5 regulated genes from PMID 34217701	KLF5
HERPUD2	KLF5 regulated genes from PMID 34217701	KLF5
PTPRU	KLF5 regulated genes from PMID 34217701	KLF5
DPYSL2	KLF5 regulated genes from PMID 34217701	KLF5
XYLT1	KLF5 regulated genes from PMID 34217701	KLF5
TRAK1	KLF5 regulated genes from PMID 34217701	KLF5
DTX4	KLF5 regulated genes from PMID 34217701	KLF5
SEC62	KLF5 regulated genes from PMID 34217701	KLF5
NEDD9	KLF5 regulated genes from PMID 34217701	KLF5
PCDH1	KLF5 regulated genes from PMID 34217701	KLF5
ZNF385A	KLF5 regulated genes from PMID 34217701	KLF5
CD55	KLF5 regulated genes from PMID 34217701	KLF5
RUNX1	KLF5 regulated genes from PMID 34217701	KLF5
TMPRSS5	KLF5 regulated genes from PMID 34217701	KLF5
LAMA3	KLF5 regulated genes from PMID 34217701	KLF5
MICALL1	KLF5 regulated genes from PMID 34217701	KLF5
PHACTR3	KLF5 regulated genes from PMID 34217701	KLF5
EMP1	KLF5 regulated genes from PMID 34217701	KLF5
MYH14	KLF5 regulated genes from PMID 34217701	KLF5
PI3	KLF5 regulated genes from PMID 34217701	KLF5
STEAP4	KLF5 regulated genes from PMID 34217701	KLF5
EPHB3	KLF5 regulated genes from PMID 34217701	KLF5
FAM129A	KLF5 regulated genes from PMID 34217701	KLF5
TRIM2	KLF5 regulated genes from PMID 34217701	KLF5
PKP1	KLF5 regulated genes from PMID 34217701	KLF5
AHCYL2	KLF5 regulated genes from PMID 34217701	KLF5
MARCH3	KLF5 regulated genes from PMID 34217701	KLF5
TRPV4	KLF5 regulated genes from PMID 34217701	KLF5
RAPGEFL1	KLF5 regulated genes from PMID 34217701	KLF5
WNT7A	KLF5 regulated genes from PMID 34217701	KLF5
DZIP1	KLF5 regulated genes from PMID 34217701	KLF5
SEMA3B	KLF5 regulated genes from PMID 34217701	KLF5
PLAC9	KLF5 regulated genes from PMID 34217701	KLF5
ROS1	KLF5 regulated genes from PMID 34217701	KLF5
CACNG4	KLF5 regulated genes from PMID 34217701	KLF5
ALPP	KLF5 regulated genes from PMID 34217701	KLF5
AIM1L	KLF5 regulated genes from PMID 34217701	KLF5
AHNAK2	KLF5 regulated genes from PMID 34217701	KLF5
GPRC5A	KLF5 regulated genes from PMID 34217701	KLF5
ALS2CL	KLF5 regulated genes from PMID 34217701	KLF5
ZNF860	KLF5 regulated genes from PMID 34217701	KLF5
ARHGEF37	KLF5 regulated genes from PMID 34217701	KLF5
IGFBP2	KLF5 regulated genes from PMID 34217701	KLF5
PMAIP1	KLF5 regulated genes from PMID 34217701	KLF5
MYEOV	KLF5 regulated genes from PMID 34217701	KLF5
MUC1	KLF5 regulated genes from PMID 34217701	KLF5
MISP	KLF5 regulated genes from PMID 34217701	KLF5
TSPAN2	KLF5 regulated genes from PMID 34217701	KLF5
SERTAD4-AS1	KLF5 regulated genes from PMID 34217701	KLF5
ADD3	KLF5 regulated genes from PMID 34217701	KLF5
CMKLR1	KLF5 regulated genes from PMID 34217701	KLF5
PIK3C2B	KLF5 regulated genes from PMID 34217701	KLF5
VILL	KLF5 regulated genes from PMID 34217701	KLF5
ID1	KLF5 regulated genes from PMID 34217701	KLF5
C10orf54	KLF5 regulated genes from PMID 34217701	KLF5
PHLDA3	KLF5 regulated genes from PMID 34217701	KLF5
SRMS	KLF5 regulated genes from PMID 34217701	KLF5
KRT6A	KLF5 regulated genes from PMID 34217701	KLF5

MECOM	KLF5 regulated genes from PMID 34217701	KLF5
TLR5	KLF5 regulated genes from PMID 34217701	KLF5
FAM83A	KLF5 regulated genes from PMID 34217701	KLF5
ANO1	KLF5 regulated genes from PMID 34217701	KLF5

**Supplemental Table 6.** Module 7 genes known to be regulated by SOX2 and/or KLF5.

gene	source	regulator
ANO1	KLF5 regulated genes from PMID 34217701	KLF5
APOL1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
APOL1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
APOL1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
ATP8B1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF5
BCL2L15	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF5
CA2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CA2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CAMK1D	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
CDH3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CLDN1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF5
CLDN1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
CLDN1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
CLDN1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
CYP2S1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DPYD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DSG3	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF5
DSG3	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
DSG3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DSG3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DSP	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
DSP	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF5
DSP	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
DSP	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
DUOX1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
EPPK1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
EPPK1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
GALNT5	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
GALNT5	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HAS3	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
HAS3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HAS3	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
HPGD	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
HPGD	SOX2 regulated genes from PMID: 20726797	SOX2
KCNJ2	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF5
MPP7	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
MX1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
MYH9	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF5
MYH9	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
MYH9	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
NEFL	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
PDZK1IP1	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PHLDB2	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
PHLDB2	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
PHLDB2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SERPINB3	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
SFRP1	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
SFRP1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SGK1	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2
SGK1	SOX2-KLF5 coregulated genes from PMID: 33972779	SOX2 + KLF5
SH3RF2	Enrichr TF Perturbations followed by expression: KLF5 20726797 ChIP-Seq SW620 Human	KLF5
SH3RF2	SOX2 regulated genes in Keratinocyte Overexpression from PMID: 30772301	SOX2
TFPI	Enrichr CHEA_2022: SOX2 20726797 ChIP-Seq SW620 Human	SOX2
TNFAIP6	SOX2 regulated genes in Wounding from PMID: 30772301	SOX2

**Supplemental Table 7.** Gene expression profile of EoE DEGs known to be regulated by SOX2 and/or KLF5.

gene	Log2FC	Pval	FDR_Pval	pct.EoE_Biopsy	pct.Healthy_Control	Top_Changed_Compartment	Regulators
TNFAIP6	14.03276603	0.000195546	0.010489143	26.30969971	0.008333034	Suprabasal	SOX2
NRXN1	8.481843776	0.000599264	0.010733065	5.067165747	0.005928385	Suprabasal	SOX2 + KLF5
DPP4	7.164647328	0.004291437	0.022284502	7.110944705	0.042029564	Suprabasal	SOX2
TRPM6	6.351720177	0.000545165	0.007274975	12.68360569	0.06651167	Superficial	SOX2
LURAP1L	6.213447206	0.000715353	0.007615337	18.34363791	0.132134256	Superficial	SOX2
ANO1	5.903669769	0.000196466	0.007176147	57.68957389	1.889071736	Superficial	KLF5
GLDC	5.812522131	9.15E-05	0.010489143	17.66430308	0.256528795	Suprabasal	KLF5
MYRFL	5.249646268	0.000375835	0.007176147	6.520629319	0.195081078	Superficial	SOX2
NEFL	5.137160698	0.000504805	0.007178523	23.20878673	1.038348856	Superficial	KLF5
RPTN	4.987397171	9.26E-05	0.007176147	9.402714391	0.681967049	Superficial	SOX2
NFATC2	4.981012295	0.000989444	0.008042817	15.46639165	0.386585977	Superficial	SOX2 + KLF5
LBH	4.82051517	0.000506425	0.010489143	15.18280651	0.367077206	Suprabasal	SOX2
ADAM28	4.740686733	0.003303641	0.024854712	5.530658274	0.161625898	Basal	KLF5
KCNJ2	4.535506071	0.000196466	0.010489143	42.41879274	3.237283542	Suprabasal	SOX2 + KLF5
GABRP	4.346532147	5.55E-05	0.012455402	27.82034888	2.002158343	Basal	SOX2, KLF5
SFRP1	4.336773754	0.000153669	0.010489143	44.6669391	2.593848432	Suprabasal	SOX2
EDAR	4.248568858	0.000401828	0.007176147	19.44942997	1.08545527	Superficial	SOX2
EPPK1	4.143182566	0.006166656	0.027303057	34.09283879	3.257315631	Suprabasal	SOX2
IFFO2	4.134503394	0.000250281	0.007176147	59.91842482	9.317539544	Superficial	SOX2
CD200R1	4.133533272	0.000506425	0.007178523	27.369393	0.983226601	Superficial	SOX2
APOL1	4.043383815	0.001232925	0.008679903	40.60842821	3.499022944	Superficial	SOX2
BMPR1B	3.971683288	0.00591569	0.032981404	5.098860854	0.282051825	Basal	SOX2
IFI35	3.965447773	0.001232925	0.008679903	48.98584135	4.252996719	Superficial	SOX2
UPK1B	3.886272489	0.000119764	0.007176147	30.00643469	3.383373143	Superficial	KLF5, SOX2
CFB	3.852144876	0.000401828	0.007176147	33.99028752	3.320047752	Superficial	SOX2
LOXL4	3.819802832	0.000992312	0.014320968	17.36548658	1.18068853	Basal	SOX2
RUNX2	3.769129479	0.000504805	0.007178523	13.80876203	0.842100666	Superficial	SOX2, SOX2 + KLF5
CA2	3.736257496	7.20E-05	0.010489143	56.63468793	13.10997844	Suprabasal	SOX2
SLC28A3	3.717054301	0.000635975	0.007274975	22.8202256	2.11699801	Superficial	SOX2
LYPD6B	3.712117954	0.004211401	0.016013117	23.48505282	1.455960635	Superficial	SOX2 + KLF5, SOX2
SGK1	3.680085691	0.000153669	0.007176147	61.49330151	14.372983	Superficial	SOX2 + KLF5, SOX2
SERPINB3	3.601168438	7.20E-05	0.012455402	61.04787159	17.17234047	Basal	SOX2
ST8SIA6	3.586099976	0.000634007	0.007274975	9.78899944	0.441575518	Superficial	SOX2 + KLF5, SOX2
CCDC68	3.570963328	0.000506425	0.007178523	25.08739932	1.949503374	Superficial	SOX2
CMYA5	3.552817397	0.001526458	0.009387421	11.51192042	0.649201685	Superficial	SOX2 + KLF5
PHLDB2	3.526366051	0.000795824	0.010838271	19.35094986	1.167949601	Suprabasal	SOX2
CYP2S1	3.520993063	0.000992312	0.008042817	38.06773576	4.106293048	Superficial	SOX2
HAS3	3.515910568	0.000635975	0.007274975	31.49524154	3.578664882	Superficial	SOX2
PCSK6	3.498236414	5.55E-05	0.012455402	10.72980733	1.09770805	Basal	SOX2
NFE2L3	3.298054351	0.000250281	0.007176147	27.78456634	3.028185524	Superficial	SOX2
BCL2L15	3.169348667	0.000401828	0.010489143	52.77173551	9.09037378	Suprabasal	SOX2 + KLF5
UPK3BL2	3.151048298	0.0033823	0.014108599	11.77819237	0.999182365	Superficial	SOX2
CADM4	3.111929462	0.000401828	0.007176147	34.66563546	5.040451809	Superficial	SOX2
PAPSS2	3.082313982	0.002315114	0.020052792	14.29165028	1.259098065	Basal	SOX2
MUC4	3.064276121	0.001883197	0.018415354	9.945660526	1.283194417	Basal	KLF5
NAV1	3.01803895	0.000795824	0.007615337	24.20119131	3.215183485	Superficial	SOX2
TNS4	2.993108132	0.001232925	0.008679903	32.53389208	3.314587495	Superficial	SOX2, SOX2 + KLF5
APOL4	2.985249452	0.001526458	0.009387421	13.88024072	1.439759571	Superficial	SOX2
FA2H	2.981191994	7.20E-05	0.007176147	27.14904728	2.928368931	Superficial	KLF5
GALNT4	2.956378661	0.000963884	0.008042817	31.11337918	3.725274822	Superficial	SOX2, KLF5
GCNT4	2.929654443	0.000196466	0.007176147	10.75329782	1.615330968	Superficial	SOX2
KLK1	2.807174652	0.005105016	0.018023407	15.83369405	1.804143357	Superficial	KLF5, SOX2
RASGRP1	2.782742217	0.008904627	0.040392504	17.65106615	2.44746748	Basal	SOX2 + KLF5
PLA2G3	2.78085798	0.000989444	0.008042817	18.96022052	2.368144974	Superficial	SOX2
SERPINB13	2.770886827	0.000119764	0.012455402	64.24636718	20.44419918	Basal	SOX2
FOXE1	2.755248075	0.000795824	0.007615337	34.51116941	5.187653321	Superficial	SOX2
HRH1	2.7242374	0.001883197	0.014679007	24.54736841	3.982327992	Suprabasal	SOX2 + KLF5
APOL2	2.72256637	0.001232925	0.008679903	27.58021793	3.445414582	Superficial	SOX2
IFI27	2.685018167	0.002836074	0.0176927	78.44556802	38.98017695	Suprabasal	SOX2
KITLG	2.677505538	7.20E-05	0.010489143	40.63911213	7.568671567	Suprabasal	SOX2
LY75	2.675558265	5.55E-05	0.007176147	16.56232468	1.694338305	Superficial	SOX2, SOX2 + KLF5
SULF1	2.665452586	0.008904627	0.034252903	2.8661133536	0.322283713	Suprabasal	SOX2 + KLF5
CAMK1D	2.657917619	0.000506425	0.007178523	49.15873668	9.200779378	Superficial	KLF5
SHF	2.642479077	0.001883197	0.010234018	10.17290233	1.181406638	Superficial	SOX2
APOL3	2.616122791	0.000317696	0.007176147	14.03510257	2.124512865	Superficial	SOX2
PLSCR3	2.590344397	9.30E-05	0.007176147	51.28244557	9.30799657	Superficial	SOX2
DPYD	2.582534489	0.000250281	0.007176147	56.95813881	13.81974657	Superficial	SOX2
C1orf74	2.569639155	0.000635975	0.007274975	18.30073531	2.487355771	Superficial	SOX2
HS3ST3A1	2.549605795	0.003462059	0.014108599	16.86965958	2.495265241	Superficial	SOX2 + KLF5
ADAT3	2.540027253	0.000196466	0.007176147	10.05232351	1.179084409	Superficial	SOX2
RARB	2.530013416	0.000992312	0.008042817	22.96760446	3.024920953	Superficial	SOX2 + KLF5, SOX2
TSPAN1	2.529823549	0.008904627	0.025990329	11.37029984	1.026495801	Superficial	SOX2
GALNT5	2.527879018	0.000153669	0.007176147	62.61494461	14.19470699	Superficial	SOX2, KLF5
HPGD	2.517803476	9.30E-05	0.012455402	63.4370818	26.66092629	Basal	SOX2
NEK6	2.497806445	0.000196466	0.010489143	9.695906506	1.247626474	Suprabasal	SOX2
USP2	2.470920442	7.20E-05	0.010489143	20.35654798	3.795647067	Suprabasal	SOX2
CDH3	2.454629294	0.001883197	0.014679007	33.06720283	5.979505217	Suprabasal	SOX2

NRP2	2.4318478	0.000635975	0.010733065	10.71042608	1.788625	Suprabasal	SOX2, SOX2 + KLF5
CLDN1	2.418800238	0.000506425	0.007178523	59.84833475	16.1506835	Superficial	SOX2, SOX2 + KLF5
EHD2	2.365985362	0.000992312	0.008042817	22.15175338	3.977983815	Superficial	SOX2
EPHA4	2.363866254	0.002315114	0.011381143	23.97424291	3.646350234	Superficial	SOX2, KLF5
ATP11C	2.357061891	0.006166656	0.020290909	9.252597911	1.160883516	Superficial	SOX2
TMTC3	2.351630508	0.000635975	0.007274975	45.10321587	9.259139716	Superficial	SOX2
VDR	2.343310449	0.000506425	0.007178523	46.65513349	9.496180257	Superficial	SOX2
ILDR1	2.3418189	0.000635975	0.007274975	10.28288777	1.988042993	Superficial	SOX2
FZD10	2.33545136	0.00196466	0.007176147	38.87791107	6.491347125	Superficial	SOX2
GJB4	2.297127992	0.001883197	0.010234018	14.24072294	2.556640803	Superficial	SOX2
SOX21	2.296941678	0.000506425	0.007178523	41.19240615	8.728487216	Superficial	SOX2 + KLF5, SOX2
SERINC5	2.292352434	0.000992312	0.008042817	57.34016553	13.89975778	Superficial	SOX2
APOL6	2.290382729	0.000401828	0.007176147	47.34837516	9.465108027	Superficial	SOX2
SH3RF2	2.288890426	0.000401828	0.007176147	57.94436358	14.02325258	Superficial	KLF5, SOX2
LGALS1	2.268271415	0.001526458	0.009387421	55.59902515	18.58782962	Superficial	SOX2
AADAC	2.267827947	0.005105016	0.018023407	10.87524615	1.59110865	Superficial	SOX2
SGPP2	2.250143174	0.000119764	0.007176147	52.07167939	12.31623848	Superficial	SOX2
PDZK1IP1	2.242093901	0.001526458	0.016792744	64.0916668	22.57691274	Basal	SOX2
GGH	2.23883892	0.000317696	0.007176147	60.15013769	13.53596753	Superficial	SOX2, SOX2 + KLF5
PKP2	2.222886641	0.000795824	0.007615337	26.63168494	2.617248693	Superficial	SOX2
UTRN	2.217242242	0.000196466	0.007176147	50.01075484	10.51356248	Superficial	SOX2, SOX2 + KLF5
NUP210	2.213606148	0.000795824	0.010838271	9.800731136	2.142050625	Suprabasal	SOX2
GCNT2	2.205203227	0.000317696	0.007176147	24.98548601	4.185120601	Superficial	SOX2
TSPAN3	2.193440752	0.000250281	0.007176147	72.63979106	28.82128249	Superficial	SOX2
MYOF	2.181332839	0.000795824	0.007615337	51.76574142	12.51822189	Superficial	SOX2 + KLF5
DAPK2	2.170784779	0.001232925	0.012246384	11.93187041	2.113989461	Suprabasal	SOX2
CEP72	2.167186654	0.000196466	0.010489143	5.579343935	1.139148869	Suprabasal	SOX2
GALR2	2.166969424	0.001232925	0.008679903	13.57405301	2.436665487	Superficial	SOX2
AMOTL1	2.165279249	0.000153669	0.007176147	53.80914283	12.90952452	Superficial	SOX2
FAM83E	2.154161807	0.001526458	0.009387421	6.837893593	1.341925006	Superficial	KLF5, SOX2
HBEGF	2.139981014	0.000401828	0.007176147	49.07344726	14.25840594	Superficial	SOX2
GIPC2	2.130796901	0.000119764	0.007176147	11.29330817	1.737078975	Superficial	SOX2, SOX2 + KLF5
PIK3CB	2.116387008	0.000317696	0.007176147	30.49497273	5.37065142	Superficial	SOX2
FNTB	2.113774756	0.000196466	0.007176147	38.35216549	9.331467725	Superficial	SOX2
CALML4	2.098383243	0.006116010	0.020290909	16.40768279	3.452763393	Superficial	SOX2
PPP2R5B	2.096347506	0.000196466	0.007176147	8.853189121	1.585170099	Superficial	SOX2
RAI1	2.083551412	0.000401828	0.007176147	19.62176647	3.030777351	Superficial	SOX2
SOX2	2.081913146	0.000401828	0.007176147	64.78270526	23.45059511	Superficial	SOX2, KLF5
JDP2	2.080656788	0.000119764	0.007176147	38.95069837	7.653122801	Superficial	SOX2
KLHL5	2.070404433	0.001883197	0.014679007	18.03936572	3.182826682	Suprabasal	SOX2
PADI3	2.067623508	0.006166656	0.032981404	5.285130858	0.790356966	Basal	SOX2
HS3ST1	2.063319572	0.001232925	0.015721789	23.50845249	5.330860422	Basal	SOX2, SOX2 + KLF5
ARHGAP23	2.062876631	0.000992312	0.008042817	43.87809247	10.02607057	Superficial	SOX2
HECW2	2.058221439	9.30E-05	0.007176147	15.71587344	3.116907862	Superficial	SOX2
PRICKLE2	2.055478112	0.000795824	0.010838271	25.65292316	5.691109794	Suprabasal	SOX2
C9orf152	2.042243894	0.000317696	0.007176147	13.25621132	2.381023333	Superficial	SOX2
F2RL1	2.04202804	0.000795824	0.007615337	15.22355279	3.090463749	Superficial	SOX2
STK17B	2.02769262	0.001526458	0.009387421	41.63652012	7.333922578	Superficial	SOX2
C9orf40	2.018582283	0.000401828	0.007176147	18.20397196	3.43412846	Superficial	SOX2
MYH9	2.016181739	0.000401828	0.007176147	61.10773592	18.88556925	Superficial	SOX2 + KLF5, SOX2
PLAUR	2.002795365	0.002836074	0.012662188	15.93572912	3.786355668	Superficial	SOX2
CD44	1.998034871	0.000506425	0.007178523	61.11347514	19.65892181	Superficial	SOX2
PPARG	1.995811597	0.000401828	0.007176147	27.13150116	5.448962677	Superficial	SOX2, KLF5
PDLIM4	1.989624172	0.000317696	0.007176147	69.2066852	25.82174452	Superficial	SOX2, SOX2 + KLF5
C16orf74	1.983715146	0.005105016	0.018023407	23.21339782	4.600880205	Superficial	SOX2
NUAK2	1.982933209	0.001232925	0.008679903	43.77931763	10.9022545	Superficial	SOX2 + KLF5
KLK7	1.9774463828	0.001883197	0.010234018	66.73816902	34.01620165	Superficial	SOX2
LPCAT4	1.972938051	0.000795824	0.007615337	62.90111134	20.64436002	Superficial	SOX2 + KLF5, SOX2
RIPK2	1.966802897	0.000795824	0.007615337	24.08933789	4.963363477	Superficial	SOX2
VANGL2	1.960523499	0.005105016	0.018023407	9.102787321	1.461988544	Superficial	SOX2
KCTD12	1.956658379	0.000401828	0.010489143	15.00195718	2.947502003	Suprabasal	SOX2
PLXNA1	1.956245434	0.002315114	0.011381143	13.16078784	2.350686874	Superficial	SOX2
UBE2Z	1.951186499	0.000506425	0.007178523	50.65988193	13.56189302	Superficial	SOX2
LRRC8B	1.948757418	0.001526458	0.009387421	14.99469118	2.794121962	Superficial	SOX2 + KLF5
DUSP10	1.946963734	0.000992312	0.01142308	16.06853386	3.224143338	Suprabasal	SOX2
MVP	1.941839212	0.000401828	0.007176147	51.13459459	14.41912597	Superficial	SOX2
TLE1	1.923101892	0.000119764	0.007176147	27.10808303	5.539944391	Superficial	SOX2, SOX2 + KLF5
CLMN	1.900395402	0.000401828	0.010489143	10.25851781	1.920383559	Suprabasal	SOX2
BTBD11	1.881944659	0.000401828	0.007176147	32.29979612	7.660902713	Superficial	SOX2
UCK2	1.879818849	0.000506425	0.007178523	25.81261694	5.843574533	Superficial	SOX2
PRICKLE3	1.874661139	0.001232925	0.008679903	19.11973397	4.835371474	Superficial	SOX2
SGMS2	1.870786282	0.000401828	0.007176147	35.5703333	7.638278866	Superficial	SOX2 + KLF5, SOX2
FMN1	1.866940741	0.000992312	0.008042817	13.93481253	2.490917074	Superficial	SOX2 + KLF5, SOX2
MBOAT1	1.856378922	0.004211401	0.016013117	20.12833534	4.645925894	Superficial	SOX2
PLCXD2	1.85557703	0.001883197	0.018415354	10.25091971	1.496509635	Basal	SOX2
SLFN5	1.848849547	0.001232925	0.008679903	27.75619287	6.018649947	Superficial	SOX2
TRAK1	1.846069152	0.000401828	0.007176147	35.07851392	7.922600535	Superficial	SOX2, KLF5
PLAG1	1.834621629	0.002315114	0.020052792	7.541644707	1.172226914	Basal	SOX2
PCGF2	1.829922147	0.000401828	0.007176147	18.9966338	3.843979558	Superficial	SOX2
CFH	1.828796647	0.002315114	0.011381143	15.10224119	2.619784914	Superficial	SOX2

BPNT1	1.821261596	0.000119764	0.007176147	23.50791508	5.202532602	Superficial	SOX2
SERPINB5	1.819859014	0.000506425	0.007178523	67.98078257	28.24706043	Superficial	SOX2, SOX2 + KLF5
VPS9D1	1.8139499	0.004211401	0.016013117	32.5671341	9.788833771	Superficial	SOX2
PARP14	1.810369034	0.005105016	0.018023407	38.26737244	7.373411595	Superficial	SOX2
PPFIA3	1.808834433	0.000506425	0.007178523	14.42758209	3.603490342	Superficial	SOX2
HAPLN3	1.805854094	0.017811616	0.043066688	9.09934586	1.590747789	Superficial	SOX2
SLC26A2	1.800102188	0.001526458	0.009387421	45.30830537	11.39121798	Superficial	SOX2
RHBDF2	1.7980639	0.000317696	0.007176147	22.85167975	5.481160876	Superficial	SOX2
EPB41L1	1.793989519	0.001232925	0.008679903	42.29613711	10.90537302	Superficial	SOX2
LZTS2	1.792305541	0.000795824	0.007615337	21.57360734	4.784089227	Superficial	SOX2
DUOX1	1.791874816	0.000250281	0.007176147	78.09045313	40.85380185	Superficial	SOX2
RGS2	1.791283961	0.012681065	0.033478436	25.73956524	5.400301716	Superficial	SOX2
CDH1	1.790786868	0.000196466	0.007176147	66.43421356	23.36472372	Superficial	SOX2
FLNB	1.789509468	0.000795824	0.007615337	41.12314191	11.05496197	Superficial	SOX2
ACSL5	1.783440086	0.006166656	0.027303057	11.74714312	2.411107733	Suprabasal	SOX2
EFNA3	1.780245834	0.000317696	0.007176147	27.72683451	6.791475493	Superficial	SOX2
MX1	1.775059796	0.000992312	0.008042817	52.23414703	14.14516091	Superficial	SOX2
HSPA4L	1.774195024	0.000992312	0.008042817	44.30957301	11.98002916	Superficial	SOX2
NMI	1.773761102	0.002315114	0.011381143	47.10510036	12.99264976	Superficial	SOX2
TMED8	1.76610339	0.000795824	0.007615337	9.847590848	1.882202548	Superficial	SOX2
ACTN1	1.757688537	0.000992312	0.008042817	49.01098628	14.15301096	Superficial	SOX2
ARHGAP26	1.751173085	7.20E-05	0.007176147	19.94818841	4.677088953	Superficial	SOX2 + KLF5
RAB40B	1.750815018	0.002315114	0.011381143	29.68013769	6.615881291	Superficial	SOX2
LITAF	1.746481223	0.000317696	0.010489143	65.22896326	21.81166448	Suprabasal	SOX2, SOX2 + KLF5
BIK	1.744369223	0.001526458	0.016792744	17.82374359	4.38678935	Basal	SOX2
LMTK3	1.740611516	0.000401828	0.007176147	31.40700303	7.955807442	Superficial	SOX2
PCP4L1	1.738642273	0.002315114	0.020052792	8.98214398	2.87134725	Basal	KLF5
ZNF385A	1.737405876	0.001526458	0.009387421	52.81129606	15.73736124	Superficial	KLF5
TRIM34	1.734596734	0.002257606	0.011381143	12.00649374	2.23866282	Superficial	SOX2
DUSP7	1.73342227	0.005105016	0.018023407	26.21992767	6.095908265	Superficial	SOX2
IGF2R	1.719942816	0.000992312	0.008042817	48.48639949	13.65241974	Superficial	SOX2 + KLF5, SOX2
UBR1	1.719522138	0.000196466	0.007176147	14.06178488	2.530448228	Superficial	SOX2
SMAD7	1.715565935	0.000317696	0.010489143	23.33039354	6.328498368	Suprabasal	SOX2
CFAP45	1.713651152	0.008904627	0.034252903	3.768521822	1.162924672	Suprabasal	SOX2
PSMB9	1.713579321	0.001883197	0.014679007	46.76968644	13.20609663	Suprabasal	SOX2
RAD50	1.709565758	0.000250281	0.007176147	41.71108638	10.58867033	Superficial	SOX2
ARFGEF1	1.709561526	5.55E-05	0.007176147	59.31506671	18.23150087	Superficial	SOX2
PCCA	1.708003858	0.000250281	0.007176147	25.73152384	5.309542158	Superficial	SOX2
TNIK	1.706346895	0.017811616	0.043066688	5.392242583	0.752506829	Superficial	SOX2
ITGAV	1.702941913	0.000317696	0.007176147	28.00302136	5.643803668	Superficial	SOX2
NAB2	1.702282164	0.000401828	0.007176147	9.914356536	2.392261266	Superficial	SOX2
PITRM1	1.702119527	0.002315114	0.011381143	39.3035774	9.553439545	Superficial	SOX2
GALNT7	1.696244002	0.000317696	0.007176147	53.0088514	14.34898878	Superficial	KLF5
FAM3C	1.6929743	0.000992312	0.008042817	62.57202139	21.71212462	Superficial	SOX2, SOX2 + KLF5
CARNMT1	1.69008525	0.000635975	0.007274975	27.23772045	6.517738001	Superficial	SOX2
PLXNB1	1.689316796	0.000635975	0.007274975	28.19070091	8.442735153	Superficial	SOX2
AQP3	1.688886054	0.000635975	0.007274975	88.79367883	56.05032049	Superficial	SOX2
MAOA	1.687062072	0.000250281	0.007176147	53.15988498	16.42076969	Superficial	SOX2
PLEKHA7	1.686755148	0.000635975	0.007274975	50.68256995	15.01051921	Superficial	SOX2
BHLHE40	1.683975933	0.000250281	0.012455402	66.70715515	29.07714623	Basal	SOX2
TMEM268	1.683413946	0.000795824	0.007615337	6.305050499	1.013843833	Superficial	SOX2
RGS12	1.679974365	0.000196466	0.007176147	52.44813675	16.05946172	Superficial	SOX2
FAM3B	1.679634197	0.000401828	0.007176147	76.76679222	41.20933182	Superficial	SOX2, KLF5
FAM83C	1.679177088	0.000992312	0.008042817	34.67295623	9.58995339	Superficial	SOX2
USP54	1.6775511187	0.001883197	0.010234018	48.22455818	13.1742308	Superficial	SOX2
NRARP	1.676776951	0.001526458	0.009387421	59.48866715	22.43678013	Superficial	SOX2
VANGL1	1.674308055	0.000992312	0.008042817	26.754429	5.911651905	Superficial	SOX2
SERTAD4-AS1	1.665063871	0.017811616	0.043066688	7.56408644	1.83682875	Superficial	KLF5
CD9	1.664880927	0.000317696	0.007176147	95.7959489	87.17960747	Superficial	SOX2 + KLF5, SOX2
SIPA1L1	1.662110852	9.30E-05	0.007176147	45.53935844	12.70121283	Superficial	SOX2
FZD1	1.660406189	0.000401828	0.007176147	15.36367518	3.652475248	Superficial	SOX2
DSG3	1.659685097	0.000401828	0.007176147	76.2731689	37.72281451	Superficial	KLF5, SOX2 + KLF5, SOX2
FAM83G	1.655884408	0.001883197	0.010234018	35.56417675	10.87087784	Superficial	SOX2
ADCY7	1.655709863	0.002836074	0.012662188	26.2365789	5.391710904	Superficial	SOX2
MDGA1	1.649359333	0.005105016	0.024262694	6.424994564	1.914752811	Suprabasal	SOX2
CEACAM6	1.648410896	0.001232925	0.015721789	14.47583323	4.150146377	Basal	SOX2
ATP2C1	1.646785429	0.000401828	0.007176147	34.44258344	8.519262101	Superficial	SOX2
TCF7L2	1.645495297	0.000635975	0.007274975	24.10556753	5.483411759	Superficial	SOX2
DEF6	1.643050311	0.000401828	0.007176147	22.74032432	5.806535233	Superficial	SOX2
ERI1	1.638743032	0.000795824	0.007615337	19.59835376	5.244473791	Superficial	SOX2
E2F8	1.632929528	0.002836074	0.012662188	19.05196528	4.16204622	Superficial	SOX2
PRDM1	1.628753891	0.005105016	0.029792864	9.74035703	2.23802724	Basal	SOX2
WNT5A	1.626161756	0.000401828	0.007176147	40.61458636	11.46950904	Superficial	SOX2
ACSL1	1.625384316	0.006166656	0.020290909	45.16007735	13.44840278	Superficial	SOX2
IFIT2	1.625274549	0.021001058	0.04834985	7.148106854	1.150788534	Superficial	SOX2
AEBP2	1.622302638	0.000795824	0.007615337	39.97302843	9.842466958	Superficial	SOX2
STX6	1.612517544	0.000795824	0.007615337	41.35112964	11.00713868	Superficial	SOX2
TEF	1.60997414	0.007423146	0.030449933	15.90490035	4.406701305	Suprabasal	SOX2
ZNF326	1.607653042	0.000119764	0.007176147	58.61505907	18.15590786	Superficial	SOX2
CASK	1.607623668	0.000317696	0.007176147	25.64028894	6.432160107	Superficial	SOX2

STAT6	1.605855949	0.000992312	0.008042817	35.45387829	11.31713013	Superficial	SOX2
TLR5	1.603201904	0.001232925	0.008679903	17.15841106	4.438147352	Superficial	KLF5
NECTIN1	1.600704419	0.000992312	0.008042817	62.49026247	22.13619408	Superficial	SOX2
LDLRAD3	1.598177175	0.000795824	0.007615337	13.15101248	2.23742001	Superficial	SOX2
SIRT6	1.593566613	0.003462059	0.014108599	11.50078903	3.946469396	Superficial	SOX2
ADGRG1	1.588484691	0.002315114	0.011381143	40.98278712	11.67161753	Superficial	SOX2
MACF1	1.585172836	0.001883197	0.010234018	45.42867422	13.42301982	Superficial	SOX2 + KLF5, SOX2
KALRN	1.568401192	0.001232925	0.008679903	39.8906692	11.36810286	Superficial	SOX2
EFNA1	1.567624298	0.000250281	0.007176147	35.81170057	9.972419373	Superficial	SOX2
SIAH2	1.561358934	0.000506425	0.007178523	54.29178907	18.17855221	Superficial	SOX2
MPP7	1.555620236	0.000795824	0.007615337	74.5401543	35.82324735	Superficial	SOX2
LRIG3	1.554041648	0.001526458	0.009387421	16.87745803	4.27268611	Superficial	SOX2
CBLC	1.550539974	0.000795824	0.007615337	54.08040173	16.73185142	Superficial	SOX2
RAPGEFL1	1.546741477	0.000635975	0.007274975	59.0466891	21.22229912	Superficial	KLF5, SOX2
NBEAL2	1.543643779	0.001526458	0.009387421	66.32498761	27.02085762	Superficial	SOX2
TMPRSS11D	1.540082196	0.008904627	0.040392504	18.5208653	5.78738771	Basal	SOX2 + KLF5
CYB561D1	1.539648021	0.003462059	0.014108599	15.63686224	3.624462484	Superficial	SOX2
DYRK2	1.537828927	0.000317696	0.007176147	30.61055724	7.976776919	Superficial	SOX2
EGR2	1.532135907	0.010644787	0.029507311	8.930218254	2.317618094	Superficial	SOX2
UNC5B	1.532021274	0.004211401	0.016013117	21.54159413	7.012623892	Superficial	SOX2
EGR1	1.531257162	0.000401828	0.007176147	77.3750348	37.25352246	Superficial	SOX2
ID4	1.529712713	0.005105016	0.018023407	61.2478735	25.59836537	Superficial	SOX2
NRIP1	1.527774608	0.000992312	0.008042817	31.56908623	8.02702205	Superficial	SOX2, SOX2 + KLF5
SETBP1	1.526392337	0.000795824	0.007615337	12.37924636	2.847820355	Superficial	SOX2 + KLF5, SOX2
CTTNBP2	1.523952442	0.001526458	0.009387421	38.23349606	9.953505753	Superficial	SOX2
ZNF750	1.521825816	0.000635975	0.007274975	71.74142611	34.19483123	Superficial	SOX2
ROBO1	1.521395177	0.002315114	0.011381143	20.09483419	4.223508011	Superficial	SOX2
SERPINB2	1.520402251	0.001232925	0.015721789	56.47425191	25.15403273	Basal	SOX2 + KLF5
DLG5	1.520094924	0.000795824	0.010838271	31.97247699	10.87101714	Suprabasal	SOX2
USP32	1.513329317	0.000992312	0.008042817	27.57071909	6.844546538	Superficial	SOX2
MBTPS1	1.5075199	0.000992312	0.008042817	40.77920392	12.36148303	Superficial	SOX2
SPTBN2	1.507423391	0.000635975	0.007274975	45.72760689	15.53689929	Superficial	SOX2
MYH14	1.506036602	0.000635975	0.007274975	65.02307798	27.62556019	Superficial	SOX2, SOX2 + KLF5, KLF5
TTC39B	1.504724353	0.000153669	0.007176147	31.35300257	8.277748331	Superficial	SOX2
PPFIBP2	1.502913882	0.000506425	0.007178523	38.08840061	10.11643122	Superficial	SOX2
PARP9	1.497471188	0.002836074	0.012662188	45.0973443	13.68164257	Superficial	SOX2
MCC	1.495164205	0.001232925	0.008679903	33.17844453	9.480764163	Superficial	SOX2, SOX2 + KLF5
SLC16A7	1.492659835	0.000317696	0.007176147	36.68869929	10.26325143	Superficial	SOX2 + KLF5
KIAA1522	1.491037323	0.000795824	0.007615337	57.95200293	21.15180697	Superficial	SOX2
CTF1	1.489903466	0.015054848	0.038009884	6.497786284	2.532560526	Superficial	SOX2
ZFYVE28	1.489529705	0.004211401	0.016013117	11.28814489	2.205883735	Superficial	SOX2
MARK2	1.485849189	0.000795824	0.007615337	64.26837362	27.57208954	Superficial	SOX2
ZNF512B	1.482940443	0.000153669	0.007176147	14.48764198	3.998364131	Superficial	SOX2
EEA1	1.479639763	0.000196466	0.007176147	68.01721549	26.67149732	Superficial	SOX2 + KLF5, SOX2
ANG	1.470912351	0.017811616	0.043066688	10.58303921	2.925742081	Superficial	SOX2
PSTPIP2	1.470147182	0.000153669	0.007176147	20.22059631	3.435694389	Superficial	SOX2
GLS	1.46994638	0.000119764	0.007176147	24.94966084	6.436039892	Superficial	SOX2
ACADSB	1.46729936	0.000635975	0.007274975	33.22753084	7.725227649	Superficial	SOX2
TAPBP	1.462687605	0.002315114	0.011381143	60.46527377	23.25742706	Superficial	SOX2
TCM6	1.459446866	0.003462059	0.014108599	33.19438017	10.41223051	Superficial	SOX2
ATF3	1.4580875	0.003462059	0.014108599	64.8069383	31.24154827	Superficial	SOX2
GPAT4	1.454502053	0.001232925	0.008679903	16.79760858	4.655621659	Superficial	SOX2
P2RY2	1.454448709	0.001883197	0.010234018	26.87639549	8.337861884	Superficial	SOX2
NR2F2	1.453940982	0.000250281	0.007176147	7.5150066166	1.627785245	Superficial	SOX2
KLF4	1.451647249	0.000317696	0.007176147	74.16657085	38.12955866	Superficial	SOX2 + KLF5
PPARGC1B	1.451020759	0.010644787	0.029507311	17.5730362	4.146815669	Superficial	KLF5
MARK1	1.450576993	0.005105016	0.018023407	11.31410423	2.61341336	Superficial	SOX2
ACVR2A	1.449181971	0.000795824	0.007615337	30.56926601	7.030736758	Superficial	SOX2
EFS	1.443933494	0.001526458	0.009387421	29.99052364	9.591608224	Superficial	SOX2
FOSL1	1.44377816	0.012681065	0.049425568	19.99797835	6.879080718	Basal	SOX2
SOX9	1.443054728	0.003462059	0.024854712	24.37891667	6.330952656	Basal	SOX2
RAB11FIP1	1.442200578	0.000317696	0.012455402	44.59727837	19.1411243	Basal	SOX2, SOX2 + KLF5
EXT1	1.436512243	0.002836074	0.012662188	13.54263902	3.548045055	Superficial	SOX2
GBP3	1.435078234	0.002836074	0.012662188	39.4589241	11.77543464	Superficial	SOX2
AGPAT5	1.429902007	0.001883197	0.010234018	27.61419053	6.879942189	Superficial	SOX2
TJP2	1.428786705	0.000250281	0.012455402	37.63135572	12.37153651	Basal	SOX2, SOX2 + KLF5
MYO1B	1.424682138	0.000795824	0.01364625	35.06249235	12.49455715	Basal	SOX2
WRN	1.422447463	0.000317696	0.007176147	12.03213883	2.82000383	Superficial	SOX2
MTSS1	1.414208577	7.20E-05	0.007176147	56.05422812	18.62672861	Superficial	SOX2
RARA	1.414049556	0.007423146	0.022959455	10.0578091	1.361551578	Superficial	SOX2
CELSR2	1.412827235	0.001883197	0.010234018	32.83846129	8.471091898	Superficial	SOX2
TMEM62	1.412110411	0.000401828	0.007176147	15.85865511	4.494080284	Superficial	SOX2
ATP1A1	1.410743248	0.002836074	0.012662188	54.54542011	19.58899334	Superficial	SOX2
KDM6B	1.410464515	0.000635975	0.007274975	26.18538702	7.047815	Superficial	SOX2
AHR	1.409902398	0.000196466	0.010489143	37.6195811	12.92727326	Suprabasal	SOX2
FAM83B	1.409210634	0.005105016	0.018023407	24.44070299	5.677640141	Superficial	SOX2, SOX2 + KLF5
IL15RA	1.405856308	0.000992312	0.01142308	8.983045649	2.947652454	Suprabasal	SOX2
TRNP1	1.39874506	0.001526458	0.016792744	26.25894725	8.679371806	Basal	SOX2
IGSF9	1.397302481	0.015054848	0.038009884	10.74871348	2.239511216	Superficial	SOX2
B3GALNT2	1.394665908	0.000317696	0.007176147	23.68419665	6.990842078	Superficial	SOX2

ANGPTL4	1.390767663	9.30E-05	0.012455402	16.31586531	4.670732675 Basal	SOX2 + KLF5, SOX2
GFOD1	1.385270232	0.001883197	0.010234018	23.04950039	5.817350747 Superficial	SOX2
TPPP	1.384548287	0.004211401	0.021879278	16.77886912	4.832901743 Suprabasal	SOX2
DUOXA1	1.37848433	0.000401828	0.012455402	48.21228319	19.71710377 Basal	SOX2
EDC4	1.373595403	0.00980874	0.008042817	19.45990268	5.084122399 Superficial	SOX2
PRCP	1.372815391	0.000506425	0.007178523	51.28852932	17.1700345 Superficial	SOX2
KDM4A	1.368537175	0.000506425	0.007178523	21.96859569	4.670725141 Superficial	SOX2
AHCTF1	1.364426399	0.000992312	0.008042817	20.42186335	4.885164396 Superficial	SOX2
CCDC51	1.364414193	0.006166656	0.020290909	30.08544728	9.187453014 Superficial	SOX2
GFB1	1.363385147	0.000992312	0.008042817	37.52272583	12.18132941 Superficial	SOX2
CIB1	1.359374292	0.000635975	0.007274975	71.89402045	37.61930816 Superficial	SOX2
ZBTB40	1.357638761	0.001526458	0.009387421	9.441108813	1.982079465 Superficial	SOX2
PDK3	1.356669527	0.001232925	0.008679903	15.30966875	4.188927431 Superficial	SOX2
UBE2L6	1.353073987	0.001526458	0.009387421	34.95959257	8.921171972 Superficial	SOX2
ANXA8L1	1.352486799	0.000506425	0.007178523	31.13710693	8.787587644 Superficial	SOX2
ETS2	1.348438538	0.000506425	0.010489143	70.5467627	37.00163852 Suprabasal	SOX2, SOX2 + KLF5
ZNF316	1.346975294	0.000506425	0.007178523	14.80715013	4.977715972 Superficial	SOX2
PPFIA1	1.345698612	5.55E-05	0.007176147	34.56770634	9.912383496 Superficial	SOX2
NUP205	1.342293498	0.000401828	0.007176147	14.31714078	4.145322997 Superficial	SOX2
TMEM129	1.341297541	0.003462059	0.014108599	15.54081075	4.998039805 Superficial	SOX2
KRT6A	1.338300874	0.007423146	0.036548425	70.83206676	49.5782978 Basal	SOX2, KLF5
UTP20	1.338154756	0.003462059	0.014108599	13.15682885	2.679443984 Superficial	SOX2
CERS3	1.336695002	0.000992312	0.008042817	66.75354368	27.89605679 Superficial	KLF5, SOX2
PHF2	1.333360461	0.000506425	0.007178523	18.51205223	4.924088628 Superficial	SOX2
SOWAHB	1.330616268	0.000506425	0.010489143	19.25278672	6.539010872 Suprabasal	SOX2
ARHGEF37	1.330558945	0.000119764	0.007176147	26.30959446	7.028673068 Superficial	KLF5
UBE2O	1.32923008	0.012681065	0.033478436	10.25200313	3.090639077 Superficial	SOX2
SEMA4B	1.328875176	0.005105016	0.018023407	40.34899141	14.00945595 Superficial	SOX2
MUC15	1.328370967	0.000506425	0.007178523	59.25483221	20.34713306 Superficial	SOX2
TSHZ1	1.327974148	0.000795824	0.007615337	17.38245968	4.734116887 Superficial	SOX2
SLC30A4	1.324891857	0.000992312	0.008042817	15.57983981	4.129145692 Superficial	SOX2
PLAC8	1.321845779	0.008904627	0.040392504	23.19185551	9.186900909 Basal	SOX2
PROS1	1.320692718	0.001232925	0.008679903	16.76337057	4.722148576 Superficial	SOX2
QRSL1	1.319743783	0.000196466	0.007176147	15.55650242	4.687149578 Superficial	SOX2
OCIAD2	1.31691942	0.000795824	0.007615337	50.38690675	15.63470735 Superficial	SOX2 + KLF5
MUC1	1.316339356	0.008904627	0.040392504	16.0412245	4.959969675 Basal	KLF5, SOX2
PAK6	1.316197272	0.005105016	0.018023407	17.81476293	5.584040472 Superficial	SOX2
RNASE4	1.314834402	0.005094082	0.018023407	12.16976102	3.108359674 Superficial	SOX2
ARHGAP18	1.313208605	0.01526458	0.009387421	17.67087429	4.49131787 Superficial	SOX2, SOX2 + KLF5
TOP2B	1.312446793	0.000795824	0.007615337	39.86008267	11.05700902 Superficial	SOX2
MARVELD2	1.312375904	0.000317696	0.007176147	28.05964149	9.039323031 Superficial	SOX2
ERC1	1.308852525	0.000992312	0.008042817	39.6157528	12.99023703 Superficial	SOX2 + KLF5, SOX2
TMEM132A	1.306731913	0.000250281	0.007176147	36.14513057	9.791551434 Superficial	SOX2
TMEM125	1.305306728	0.000635975	0.007274975	31.74072791	10.27266171 Superficial	SOX2
ATP2A2	1.30393959	0.002836074	0.012662188	67.33126411	29.68867078 Superficial	SOX2
GSTO1	1.30389326	0.002315114	0.011381143	58.6348769	23.03531844 Superficial	KLF5
SOX13	1.301876207	0.004211401	0.016013117	13.72289931	3.118639101 Superficial	SOX2 + KLF5, SOX2
RCC1L	1.30181624	0.000795824	0.007615337	28.93228558	8.302303983 Superficial	SOX2
PI4K2B	1.301679821	0.004211401	0.016013117	19.88158248	4.693846417 Superficial	SOX2
NBN	1.293606262	0.000317696	0.007176147	40.2244907	12.58433084 Superficial	SOX2
EPHA1	1.292228293	0.000795824	0.007615337	47.17389356	15.8337107 Superficial	SOX2
CBX6	1.29167696	0.002315114	0.011381143	31.83148599	10.1731285 Superficial	SOX2
TMPRSS4	1.291648313	0.000317696	0.012455402	52.64854085	22.60403832 Basal	SOX2, KLF5, SOX2 + KLF5
PDE4D	1.288243	0.003462059	0.014108599	11.39595236	2.129328554 Superficial	SOX2, SOX2 + KLF5
DBNDD2	1.286934243	0.001219203	0.008679903	49.89250831	17.33137271 Superficial	SOX2
IRX2	1.284964767	5.55E-05	0.007176147	13.28747174	3.955746035 Superficial	SOX2
PTPRF	1.283332755	0.001883197	0.010234018	54.86782032	19.86110899 Superficial	SOX2
RNGTT	1.281199467	0.000250281	0.007176147	27.16286848	7.841618321 Superficial	SOX2
PLA2G4B	1.280849172	0.017698983	0.043066688	29.65748348	11.18833209 Superficial	SOX2
CDC42EP1	1.280809566	0.000506425	0.012898798	49.93940725	20.79124099 Basal	SOX2
ARL5B	1.2806538	0.002315114	0.011381143	38.32525881	10.54936115 Superficial	SOX2
FAM135A	1.278999435	0.000992312	0.008042817	63.70652239	28.27070091 Superficial	SOX2
RAPGEF5	1.278312014	0.000153669	0.010489143	38.66857075	15.89877526 Suprabasal	SOX2, SOX2 + KLF5
PAK4	1.278029191	0.000153669	0.007176147	36.06503889	11.77443905 Superficial	SOX2
SPRYD3	1.277772516	0.000992312	0.008042817	24.20572055	6.994672203 Superficial	SOX2
FGFR3	1.277577146	0.004211401	0.016013117	43.50353723	15.34914819 Superficial	SOX2, KLF5
LSR	1.271662219	0.001526458	0.009387421	59.20009736	22.67903464 Superficial	SOX2
PARG	1.267231595	0.000153669	0.007176147	18.63111661	5.046069019 Superficial	SOX2
GSDMC	1.265904005	0.001526458	0.009387421	51.45721865	18.99913397 Superficial	KLF5
RANGAP1	1.262746573	0.001883197	0.010234018	39.92014309	12.52755039 Superficial	SOX2
CTSD	1.261128396	0.000401828	0.007176147	87.81296053	60.78044895 Superficial	SOX2
KDM1A	1.259944271	0.001883197	0.010234018	24.42107785	6.395816716 Superficial	SOX2
SHROOM2	1.258271405	0.000635975	0.007274975	16.76833305	5.01205908 Superficial	SOX2 + KLF5
PTPN1	1.25765891	0.000506425	0.007178523	39.88181934	12.6414766 Superficial	SOX2
MAP7D1	1.256968222	0.000795824	0.007615337	56.70640296	22.14215924 Superficial	SOX2
FSCN1	1.256104721	0.001883197	0.010234018	24.7998747	6.980756334 Superficial	SOX2
MID1	1.254097172	0.006166656	0.020290909	15.17176327	4.455197887 Superficial	SOX2
LIN7C	1.25095532	0.005105016	0.018023407	43.72459786	13.99481155 Superficial	SOX2
AP1S3	1.248619366	0.002836074	0.012662188	11.99405619	3.409620745 Superficial	SOX2
SP110	1.247917051	0.002315114	0.011381143	19.79106955	6.139409573 Superficial	SOX2, KLF5

DTX3L	1.24559442	0.000795824	0.010838271	38.57229673	15.76772911	Suprabasal	SOX2
DAB2IP	1.245422489	0.001232925	0.012246384	23.98713205	8.994272101	Suprabasal	SOX2
METRNL	1.242786049	0.000317696	0.012455402	32.07582811	13.26662833	Basal	SOX2
FBLIM1	1.23859892	0.000992312	0.008042817	14.55913436	3.715759949	Superficial	SOX2
CDK5R1	1.23645138	0.000635975	0.007274975	13.61044702	4.337751879	Superficial	SOX2
BDP1	1.231393276	0.000250281	0.007176147	39.56516605	11.52677018	Superficial	SOX2
SMARCA5	1.229865827	0.000153669	0.007176147	44.63132421	14.69604831	Superficial	SOX2
ARHGEF1	1.222985993	0.002315114	0.011381143	18.69026155	5.468147191	Superficial	SOX2
ANO9	1.222957452	0.006166656	0.020290909	11.72755418	4.158654321	Superficial	KLF5, SOX2
TMEM30B	1.222077703	0.001232925	0.008679903	42.12799768	12.74691984	Superficial	SOX2
EVL	1.221452066	0.003462059	0.014108599	18.78014165	5.231162739	Superficial	SOX2
BTC	1.219656775	0.001883197	0.010234018	23.18820738	7.421255007	Superficial	SOX2
HYOU1	1.21822226	0.003462059	0.014108599	28.78499902	11.00331255	Superficial	SOX2
MREG	1.217754559	0.000401828	0.012455402	27.45165405	10.06667687	Basal	SOX2 + KLF5, SOX2
TFPI	1.217749911	0.008904627	0.040392504	20.46071555	6.988812663	Basal	SOX2
TCFP2	1.214854752	0.001883197	0.010234018	14.82542175	4.280428251	Superficial	SOX2
NOTCH3	1.213496016	0.004211401	0.016013117	41.33700568	15.82539899	Superficial	SOX2
MBOAT2	1.21344202	0.000795824	0.0136425	18.88332959	7.348331732	Basal	SOX2 + KLF5
RGMA	1.21235656	0.000795824	0.007615337	26.3261414	8.690737267	Superficial	SOX2
ROCK2	1.20861768	0.001232925	0.008679903	31.89008375	9.583988437	Superficial	SOX2 + KLF5
IL27RA	1.208220342	0.000795824	0.010838271	9.158256842	3.247951193	Suprabasal	SOX2
STK11IP	1.207708762	0.002836074	0.012662188	9.584264857	3.029777569	Superficial	SOX2
PPIP5K1	1.206931468	0.000317696	0.007176147	8.678543046	2.470109768	Superficial	SOX2
MXRA7	1.20590904	0.006166656	0.020290909	30.70137793	7.885702193	Superficial	SOX2
LIMA1	1.205072658	0.001232925	0.008679903	57.36614584	22.15407701	Superficial	SOX2, SOX2 + KLF5
P4HA2	1.203825583	0.002315114	0.011381143	29.25974961	9.077935764	Superficial	SOX2
SLC25A24	1.202476433	0.002836074	0.012662188	31.87004604	9.835333136	Superficial	SOX2 + KLF5
E2F2	1.202226402	0.000401828	0.012455402	25.69220688	10.11018419	Basal	SOX2
NCS1	1.199970243	0.010644787	0.029507311	18.84944464	5.393233849	Superficial	SOX2
ABCC5	1.199556541	0.000506425	0.010489143	47.79352163	22.35662642	Suprabasal	SOX2
VSNL1	1.198717733	0.002836074	0.012662188	41.90794306	13.72784784	Superficial	SOX2
MUC20	1.197371809	0.006166656	0.032981404	17.33627206	6.009769404	Basal	SOX2, KLF5
NIPAL4	1.196951548	0.015054848	0.038009884	5.624375738	1.930404675	Superficial	SOX2
CYP4F12	1.196520524	0.010644787	0.029507311	28.25141081	8.950303583	Superficial	SOX2
FHDC1	1.196319661	0.006166656	0.020290909	23.99616288	7.021853973	Superficial	SOX2
SCNN1A	1.194828355	0.000992312	0.014320968	27.93955498	11.20588616	Basal	SOX2, KLF5
ATP8A1	1.192565378	0.000635975	0.010733065	6.400921197	2.31669173	Suprabasal	SOX2 + KLF5
MYO10	1.19168863	0.000635975	0.007274975	35.09234401	9.749988388	Superficial	SOX2, SOX2 + KLF5
AFF1	1.191217771	0.001526458	0.009387421	36.90037795	11.39818151	Superficial	SOX2, SOX2 + KLF5
MYCBP2	1.190959105	0.001232925	0.008679903	58.42803821	21.11847344	Superficial	SOX2
GCNT3	1.190903852	0.002315114	0.011381143	68.37598759	34.32034018	Superficial	SOX2, SOX2 + KLF5
ANXA4	1.188849498	0.000635975	0.007274975	55.84232817	19.17807815	Superficial	SOX2
MLLT3	1.18449493	0.002836074	0.012662188	15.62951055	4.585014268	Superficial	SOX2, SOX2 + KLF5
PTGS1	1.18264683	0.010644787	0.029507311	20.59203145	5.959216272	Superficial	SOX2
DLG3	1.181702408	0.000506425	0.007178523	53.66370214	20.84782301	Superficial	SOX2
CXCL16	1.179795921	0.001883197	0.010234018	46.79771293	17.26782239	Superficial	SOX2
ATP11B	1.178194803	0.000635975	0.007274975	65.46139314	27.9797841	Superficial	SOX2
CACFD1	1.177820059	0.002315114	0.011381143	14.49874791	4.530803054	Superficial	SOX2
MEIS1	1.17701975	0.000992312	0.008042817	34.91496587	11.38435718	Superficial	SOX2 + KLF5
PBX2	1.176236683	0.000153669	0.007176147	30.22501723	8.896086592	Superficial	SOX2
NSUN2	1.17513159	0.004211401	0.016013117	18.99430485	5.369107729	Superficial	SOX2
FUBP3	1.172413423	9.30E-05	0.007176147	27.44845694	8.374105466	Superficial	SOX2
ATP8B1	1.17101992	0.000401828	0.012455402	39.21041059	15.67056765	Basal	SOX2 + KLF5
PARP12	1.170055421	0.000635975	0.012925379	15.58978688	5.126299574	Basal	SOX2, SOX2 + KLF5
GBA2	1.169999924	0.005105016	0.018023407	14.65856801	4.196633117	Superficial	SOX2
EPHA2	1.169962509	0.004211401	0.027185186	30.15484264	11.81886947	Basal	SOX2
ZNF700	1.167879082	0.000196466	0.007176147	12.40076197	3.881582813	Superficial	SOX2
VPS54	1.167549799	0.004211401	0.016013117	17.16867299	4.649827082	Superficial	SOX2
LMBRD2	1.162448387	0.007423146	0.022959455	15.96772823	4.108028138	Superficial	SOX2
LRRC59	1.161487916	0.000635975	0.007274975	42.52666787	14.53896465	Superficial	SOX2
FASTKD3	1.16065057	0.017811616	0.043066688	10.31174552	3.498409326	Superficial	SOX2
TATDN2	1.159747117	0.001883197	0.010234018	15.92499475	5.709440714	Superficial	SOX2
ZNF827	1.158149884	0.010644787	0.029507311	6.442233256	1.5745672	Superficial	SOX2
ENDOD1	1.157892731	0.001526458	0.009387421	35.09992903	11.74305729	Superficial	SOX2
SLC30A7	1.157881703	0.006166656	0.020290909	13.96798379	3.84775842	Superficial	SOX2
XBP1	1.155508829	0.003462059	0.014108599	57.3569173	22.63957265	Superficial	SOX2
STK26	1.15468951	0.000992312	0.008042817	31.7416801	8.213308058	Superficial	SOX2
BARX2	1.154142342	0.000317696	0.007176147	60.46456916	23.96402767	Superficial	SOX2 + KLF5, SOX2
APOBEC3C	1.150402917	0.002315114	0.011381143	31.44693812	10.14252514	Superficial	SOX2
TRIB1	1.147939362	0.001526458	0.016792744	28.23414165	9.735724133	Basal	SOX2
TP63	1.146853343	0.006166656	0.020290909	37.28071544	11.45048963	Superficial	SOX2 + KLF5, SOX2
SEMA3F	1.146811766	0.001883197	0.010234018	49.11393328	19.38989025	Superficial	SOX2
B4GALNT3	1.142848614	0.012681065	0.033478436	9.131762208	2.77867419	Superficial	SOX2 + KLF5, SOX2
ZCCHC2	1.141906951	0.000992312	0.008042817	16.46931387	4.382144031	Superficial	SOX2
RPS6KA3	1.139760282	0.001232925	0.008679903	37.84514834	11.68629436	Superficial	SOX2 + KLF5, SOX2
CD24	1.136471416	0.005105016	0.029792864	54.26310106	31.8283184	Basal	SOX2
FAM98A	1.136144885	0.000250281	0.007176147	32.20407289	10.52410277	Superficial	SOX2
PWWP2A	1.135767663	0.000119764	0.007176147	23.25985825	7.532852069	Superficial	SOX2
ROBO2	1.132994815	0.007423146	0.022959455	10.96655989	2.722355349	Superficial	SOX2 + KLF5
LEPROTL1	1.130920154	0.002836074	0.012662188	37.83090472	12.64397208	Superficial	SOX2

USP14	1.129592738	0.001526458	0.009387421	41.12020623	13.37419131	Superficial	SOX2
LONRF1	1.128697791	0.003462059	0.014108599	16.98832356	3.932101419	Superficial	SOX2
PTPN11	1.127491694	0.000250281	0.007176147	45.38995352	15.60369219	Superficial	SOX2
SLC44A1	1.124630481	0.010644787	0.029507311	30.70360064	9.008386975	Superficial	SOX2
PAPSS1	1.123121593	0.002315114	0.011381143	42.22052091	14.95779843	Superficial	SOX2
AMMECR1	1.123103887	0.000506425	0.007178523	40.51025441	13.19490157	Superficial	SOX2
ATG4D	1.120578518	0.001883197	0.010234018	42.99015922	16.54741472	Superficial	SOX2
FOXO1	1.120308157	0.000795824	0.010838271	49.85377761	21.73787519	Suprabasal	SOX2 + KLF5, SOX2
DROSHA	1.120211159	0.002315114	0.011381143	12.39509232	3.912492171	Superficial	SOX2
DGCR2	1.119753322	0.000992312	0.008042817	36.05458181	11.88605041	Superficial	SOX2
NAT1	1.11949899	0.005105016	0.018023407	9.560135729	2.733991516	Superficial	SOX2
SNX7	1.118765388	0.000506425	0.007178523	24.582421	8.291960086	Superficial	SOX2
BCL2L2	1.118547819	0.002315114	0.011381143	33.03297089	10.55302431	Superficial	SOX2
OXNAD1	1.115216096	0.001232925	0.008679903	12.00572046	3.740562131	Superficial	SOX2
KANK1	1.115157148	0.003462059	0.014108599	45.85522332	16.13807382	Superficial	SOX2
FBXL18	1.11490085	0.008904627	0.025990329	18.8479122	5.558665317	Superficial	SOX2
TRIM4	1.114744712	0.000119764	0.007176147	21.61232033	6.44415365	Superficial	SOX2
DCTD	1.114599725	0.000992312	0.008042817	41.37982677	14.56407296	Superficial	SOX2
TMEM87A	1.112172671	9.30E-05	0.007176147	62.99294426	28.05497565	Superficial	SOX2
ACVR1	1.11208563	0.010644787	0.029507311	7.565015766	1.571333265	Superficial	SOX2, SOX2 + KLF5
PRPF8	1.110632241	0.001232925	0.008679903	43.91749476	15.59100667	Superficial	SOX2
SLC5A3	1.108546111	0.017811616	0.043066688	15.68467168	4.283838368	Superficial	SOX2 + KLF5
KNOP1	1.107463007	0.000635975	0.007274975	26.61624999	8.346682897	Superficial	SOX2
RASEF	1.106436035	0.002836074	0.012662188	33.89849056	10.29433174	Superficial	SOX2
ITPRIP	1.103478092	0.000119764	0.012455402	20.07023032	8.016875374	Basal	SOX2
AGAP1	1.103049375	0.004211401	0.016013117	10.92596213	3.220511929	Superficial	SOX2
LYPD3	1.10226506	0.001526458	0.009387421	86.62604201	62.41967361	Superficial	SOX2
CEPB	1.100953174	0.001883197	0.010234018	59.35662314	25.73980246	Superficial	SOX2
EPHB6	1.098421093	0.002315114	0.011381143	23.20066096	6.510947152	Superficial	SOX2, SOX2 + KLF5
SMAD5	1.096440138	0.006166656	0.020290909	35.81411772	11.0476338	Superficial	SOX2
GBP6	1.096333706	0.000506425	0.007178523	71.41018052	33.62966856	Superficial	SOX2
ASCC3	1.096048273	0.000795824	0.007615337	35.83077768	11.24188818	Superficial	SOX2
FAT2	1.095564156	0.007423146	0.022959455	32.04126368	11.20764163	Superficial	SOX2
ECT2	1.095234017	0.004211401	0.021879278	15.76508345	5.983007448	Suprabasal	SOX2
ZBTB7C	1.095229116	0.006166656	0.020290909	37.09729954	12.38960308	Superficial	SOX2
ELK3	1.093367327	0.001883197	0.018415354	28.56296451	10.92497033	Basal	SOX2
CRYZ	1.092201992	0.001883197	0.010234018	21.73380901	5.586580444	Superficial	SOX2 + KLF5
PITPNC1	1.091116348	0.004211401	0.021879278	21.70312809	8.978402459	Suprabasal	SOX2
MYO1E	1.090802208	0.004211401	0.027185186	27.99278453	10.70128805	Basal	SOX2
LACTB2	1.090620768	0.001883197	0.010234018	20.41603957	5.557427606	Superficial	SOX2
ANXA8	1.088520498	0.006166656	0.020290909	37.31820819	12.19482701	Superficial	SOX2
PDIA3	1.087627963	0.000992312	0.008042817	71.74290452	35.69881232	Superficial	SOX2
EPAS1	1.087157497	0.007423146	0.030449933	48.81513341	24.82490815	Suprabasal	SOX2
EPHB4	1.086430382	0.002836074	0.012662188	8.61356527	3.03940643	Superficial	SOX2
FAM83A	1.084655702	0.000992312	0.014320968	24.79974942	11.00318279	Basal	SOX2, KLF5
PAQR5	1.084374053	0.000401828	0.012455402	11.68677813	4.523001064	Basal	SOX2
ACTR1B	1.083564297	0.002836074	0.012662188	31.0276409	10.4311608	Superficial	SOX2
ID1	1.083067962	0.008904627	0.025990329	67.99885112	36.38589517	Superficial	SOX2, KLF5
ITPR2	1.082561726	0.002315114	0.011381143	36.76971811	11.19914389	Superficial	SOX2, KLF5
TGFBR1	1.082552543	0.017811616	0.043066688	21.28035822	5.768770277	Superficial	SOX2 + KLF5
ELOVL5	1.081800374	0.004211401	0.021879278	35.05474557	15.29151468	Suprabasal	SOX2
HNRNPLL	1.081470571	0.000119764	0.007176147	19.51931021	5.953028379	Superficial	SOX2
CKMT1A	1.080797256	0.003462059	0.014108599	45.82714419	16.93959481	Superficial	KLF5
RTKN2	1.079969688	0.000401828	0.012455402	26.91170963	12.18065285	Basal	SOX2
IRF6	1.076699665	0.000635975	0.007274975	66.79817342	31.74169161	Superficial	SOX2
GJB6	1.074050502	0.010644787	0.029507311	72.67287901	34.07712441	Superficial	SOX2
ZNF276	1.073832933	0.004211401	0.016013117	21.6021014	8.143746	Superficial	SOX2
GJB3	1.073481421	0.001883197	0.010234018	52.3986983	20.43895374	Superficial	SOX2
ZDHHC24	1.073405826	0.005105016	0.018023407	31.33471846	10.87359273	Superficial	SOX2
TXLNA	1.072929136	0.007423146	0.022959455	26.7723363	9.66817659	Superficial	SOX2
GNPDA2	1.072787336	0.003462059	0.014108599	8.553457117	2.209436035	Superficial	SOX2
ATP7A	1.070304877	0.001526458	0.009387421	18.37821598	5.769978836	Superficial	SOX2
CDKN2B	1.070294963	0.012681065	0.049425568	18.07850545	8.341417478	Basal	SOX2
PCNX1	1.068627785	0.000795824	0.007615337	13.87619405	3.845484788	Superficial	SOX2
CCDC60	1.068090748	0.004173922	0.016013117	5.07941827	1.732237896	Superficial	SOX2
EML4	1.066487042	0.001232925	0.008679903	29.48556773	8.712000848	Superficial	SOX2
ZNF219	1.066374966	0.002836074	0.012662188	38.58342754	13.5543592	Superficial	SOX2
RIF1	1.06443131	0.004211401	0.016013117	24.59154314	6.647944401	Superficial	SOX2
CDC42EP4	1.064259537	0.000506425	0.010489143	28.86197028	11.84880536	Suprabasal	SOX2
HR	1.060194125	0.000635975	0.007274975	22.82513006	8.75455057	Superficial	SOX2, KLF5
WWP1	1.05999757	7.20E-05	0.007176147	45.17265309	16.34281943	Superficial	SOX2
BOLA2	1.059889855	0.012659085	0.033478436	27.52597963	8.841058943	Superficial	SOX2
HES2	1.059617182	0.000196466	0.012455402	47.53905383	23.28976828	Basal	SOX2
CDC42BPG	1.058014931	0.006166656	0.020290909	29.73744229	10.84726719	Superficial	SOX2
SQLE	1.057507387	0.010644787	0.029507311	53.21453026	22.40711233	Superficial	SOX2
PIGO	1.055646727	0.004211401	0.016013117	11.60956119	3.701016275	Superficial	SOX2
TADA3	1.055607235	0.000317696	0.007176147	40.42552055	15.3811476	Superficial	SOX2
PIK3C2B	1.054550473	0.001526458	0.009387421	23.97874975	8.155468379	Superficial	KLF5
ZNFX1	1.05419277	0.000992312	0.014320968	16.99829037	5.815432506	Basal	SOX2
SMG6	1.052156641	0.000506425	0.007178523	28.41227063	10.15996499	Superficial	SOX2

RAB11FIP2	1.051539922	0.004211401	0.016013117	12.72551013	2.863554896	Superficial	
GALNT12	1.049379383	0.001232925	0.008679903	34.35833398	11.63233406	Superficial	SOX2 + KLF5, SOX2
PDIK1L	1.048431055	0.006166656	0.020290909	11.5882273	3.088217267	Superficial	SOX2
FOXC1	1.047638776	0.017811616	0.043066688	15.52853274	7.61471716	Superficial	SOX2
COG6	1.04676455	0.001526458	0.009387421	18.12524566	6.012127181	Superficial	SOX2
CLDN4	1.046614095	0.003462059	0.024854712	53.00129205	29.07079485	Basal	SOX2, SOX2 + KLF5
TBC1D5	1.045495453	0.000506425	0.007178523	21.15279137	6.383257151	Superficial	SOX2
GBP2	1.043537437	0.006166656	0.020290909	43.075913	16.48742557	Superficial	SOX2, SOX2 + KLF5
CHCHD4	1.041517737	0.005105016	0.018023407	13.20831071	4.101917452	Superficial	SOX2
PIAS3	1.039484217	0.005105016	0.018023407	21.87521411	7.021571866	Superficial	SOX2
PDZRN3	1.038845423	0.005105016	0.018023407	9.730521189	3.580156724	Superficial	SOX2 + KLF5, SOX2
EPB41L5	1.038189591	0.001883197	0.010234018	32.11329554	10.05839763	Superficial	SOX2
TNKS	1.036998801	0.001883197	0.010234018	19.29376441	5.687144619	Superficial	SOX2
GJB5	1.036529192	0.012681065	0.033478436	50.72292565	17.65083088	Superficial	SOX2 + KLF5
MANF	1.032784742	0.003462059	0.014108599	68.1159678	32.72827979	Superficial	SOX2
HMGXB3	1.031603042	0.005105016	0.018023407	13.16907487	4.247519548	Superficial	SOX2
DLG1	1.030612623	0.000250281	0.007176147	59.02506663	26.05889543	Superficial	SOX2
ATAD2B	1.029425719	0.001526458	0.009387421	21.42384634	5.846551603	Superficial	SOX2
USP12	1.028326657	0.000506425	0.010489143	24.13745095	9.410233246	Suprabasal	SOX2, SOX2 + KLF5
USP42	1.027599754	0.001526458	0.009387421	11.22238109	3.728432416	Superficial	SOX2
APEX2	1.026096018	0.000992312	0.008042817	25.71451459	9.11992571	Superficial	SOX2
RAP2C	1.025837921	0.000401828	0.007176147	31.69093352	10.06563417	Superficial	SOX2
CGN	1.025734272	0.001526458	0.009387421	44.55844951	16.51730629	Superficial	SOX2
HCF2C	1.025545192	0.001526458	0.009387421	17.90303463	5.748783799	Superficial	SOX2
CLIP1	1.025361477	0.000250281	0.012455402	51.95265842	26.04386187	Basal	SOX2
SRFBP1	1.025231274	0.006166656	0.020290909	20.35835208	6.194081963	Superficial	SOX2
SFN	1.024113903	0.003462059	0.014108599	86.40801124	59.03093976	Superficial	SOX2
CHMP7	1.023040049	0.004211401	0.016013117	14.31554793	5.15490207	Superficial	SOX2
SEMA4C	1.020675853	0.000401828	0.012455402	13.60453169	4.878061834	Basal	SOX2
IMMT	1.020403361	0.007423146	0.022959455	41.15591597	13.86769913	Superficial	SOX2
MED27	1.016751381	0.001883197	0.010234018	20.7375588	6.372663373	Superficial	SOX2
STK39	1.016669337	0.001883197	0.018415354	21.59722621	8.154177809	Basal	SOX2
VCL	1.016433297	0.000250281	0.012455402	50.18358999	23.40486234	Basal	SOX2 + KLF5, SOX2
GLG1	1.014764777	0.000506425	0.007178523	38.66809769	13.84952322	Superficial	SOX2
DGKH	1.014239019	0.012681065	0.033478436	16.90556525	3.927563317	Superficial	SOX2
SPIRE2	1.012985199	0.010644787	0.038255467	4.88784887	2.320639171	Suprabasal	KLF5, SOX2
PDIA4	1.011720547	0.006166656	0.020290909	44.57312376	18.01306715	Superficial	SOX2
IPO8	1.011278306	0.002315114	0.011381143	19.10865866	6.340994881	Superficial	SOX2
WRNIP1	1.01058191	0.000401828	0.007176147	31.36699098	10.96769113	Superficial	SOX2
MRPL35	1.009994966	0.001526458	0.009387421	44.0994244	15.844666469	Superficial	SOX2
CYP2J2	1.009979358	0.002836074	0.012662188	39.69669461	14.93332307	Superficial	SOX2
SSBP2	1.008614228	0.003462059	0.014108599	34.56102056	10.69519446	Superficial	SOX2
EMP2	1.008286992	0.000401828	0.007176147	85.15076119	65.60610945	Superficial	SOX2
ELOVL1	1.007657584	0.002836074	0.012662188	67.73851337	30.2888522	Superficial	SOX2
WIZ	1.0033484574	0.004211401	0.016013117	14.06167781	4.932187334	Superficial	SOX2
FLYWCH1	1.003246571	0.015054848	0.048140298	13.30169272	6.134460931	Suprabasal	SOX2
PANK3	1.002008835	0.005105016	0.018023407	42.2483754	14.84793779	Superficial	SOX2
ERBB2	1.000797318	0.003462059	0.014108599	64.90384468	29.36807898	Superficial	SOX2
GJB2	1.000707221	0.015054848	0.038009884	77.54819408	42.9288687	Superficial	SOX2
SREBF2	1.000004846	0.001526458	0.009387421	46.98351695	20.86267964	Superficial	SOX2
NAA35	0.999499739	0.000250281	0.007176147	24.88781225	7.308081533	Superficial	SOX2
OAS3	0.999411652	0.017811616	0.043066688	33.91694122	9.730762134	Superficial	SOX2
SLC4A2	0.998539121	0.000506425	0.007178523	17.02633306	5.480113383	Superficial	SOX2
RNF220	0.998062117	0.001526458	0.009387421	21.53668386	7.445293659	Superficial	SOX2
CYP3A5	0.997896563	0.008904627	0.025990329	33.40356	12.07692171	Superficial	SOX2
PREP	0.997620789	0.000506425	0.007178523	18.8332859	5.754453574	Superficial	SOX2
ANKRD50	0.997212216	0.006166656	0.020290909	10.84753741	3.5422020569	Superficial	SOX2
SMARCAD1	0.996268912	0.007423146	0.022959455	14.35571326	4.114308749	Superficial	SOX2
CLASP2	0.995469306	0.021001058	0.04834985	17.84008933	5.495820276	Superficial	SOX2
CREB3	0.993048401	0.021001058	0.04834985	16.08875673	6.82847754	Superficial	SOX2
GSN	0.992984158	0.000250281	0.012455402	80.3245791	55.83838799	Basal	SOX2, KLF5
PLCH2	0.990452369	0.000317696	0.010489143	19.86664017	9.082930267	Suprabasal	SOX2
KDM1B	0.988968052	0.001883197	0.010234018	17.13891304	5.515185538	Superficial	SOX2
MAPKAPK3	0.985942266	0.000250281	0.007176147	61.16829182	27.56571044	Superficial	SOX2
N4BP3	0.982741775	0.000317696	0.012455402	13.99363767	5.703652307	Basal	SOX2
RAB3GAP2	0.981611807	0.000795824	0.007615337	30.71255762	10.52537581	Superficial	SOX2
CDC40	0.979458465	0.001526458	0.009387421	42.10328835	14.46730754	Superficial	SOX2
APOBEC3B	0.978993045	0.006166656	0.032981404	10.8000218	4.018199162	Basal	SOX2
ETV4	0.978127481	0.021001058	0.04834985	18.32034763	5.168240674	Superficial	SOX2
RBM27	0.976527696	0.000317696	0.007176147	41.41526646	14.85977794	Superficial	SOX2
VPS13A	0.975658933	0.001883197	0.010234018	29.64566246	9.650092596	Superficial	SOX2
TRIM29	0.975559011	0.003462059	0.014108599	83.4744379	60.80594581	Superficial	SOX2
CLNS1A	0.973230763	0.001526458	0.009387421	52.95854222	20.20355588	Superficial	SOX2
CLDN7	0.973223705	0.000119764	0.012455402	72.00569277	42.20990403	Basal	SOX2
NFLI3	0.973007118	0.000153669	0.010489143	31.80256845	14.76095525	Suprabasal	SOX2
OVOL1	0.972186252	0.004211401	0.027185186	36.62987761	17.67239326	Basal	SOX2
ARL6IP6	0.971918062	0.001883197	0.010234018	27.33317617	8.29542678	Superficial	SOX2
VLDLR	0.971565055	0.005105016	0.018023407	34.62065303	10.68412266	Superficial	SOX2
EFNB2	0.971028932	0.002315114	0.011381143	34.08986984	10.68114608	Superficial	SOX2 + KLF5, SOX2
C5orf22	0.964610162	0.002315114	0.011381143	14.12842584	4.040622089	Superficial	SOX2

SLC35F6	0.963323494	0.004211401	0.016013117	36.32587527	13.4031697	Superficial	SOX2
SBF1	0.962933302	0.00401828	0.012455402	18.97321274	7.722577967	Basal	SOX2
HEATR3	0.962903361	0.010644787	0.029507311	10.24391514	3.623009779	Superficial	SOX2
GRHL2	0.962221635	0.002836074	0.012662188	26.28896804	9.49884602	Superficial	SOX2
CCDC88C	0.960891309	0.008904627	0.025990329	14.82332483	4.120973742	Superficial	SOX2 + KLF5
OCLN	0.95992656	0.000250281	0.012455402	16.5872587	6.29292647	Basal	SOX2
GK	0.959674774	0.012681065	0.033478436	22.60421961	7.571280152	Superficial	SOX2
CASP1	0.957510724	0.000795824	0.007615337	26.91963947	8.607716575	Superficial	KLF5
PATJ	0.954789173	0.000119764	0.007176147	62.19275094	28.5356374	Superficial	SOX2
RBM12B	0.951788942	0.007423146	0.022959455	9.07536362	2.496305965	Superficial	SOX2
MBNL3	0.951778334	0.005105016	0.018023407	20.86518059	7.084354369	Superficial	SOX2 + KLF5, SOX2
GPHN	0.950352459	0.005105016	0.018023407	10.12383445	2.84515677	Superficial	SOX2 + KLF5
CLASP1	0.948346748	0.003462059	0.019729589	23.72656834	10.93478622	Suprabasal	SOX2
TJP1	0.947613883	0.000196466	0.012455402	59.43942815	31.52598771	Basal	SOX2
NTF4	0.947273158	0.012681065	0.042921737	5.706436766	2.210792774	Suprabasal	SOX2
ITPKC	0.947170762	0.002836074	0.022562695	44.35874301	23.17878921	Basal	SOX2
SNRNP200	0.945149806	0.000506425	0.007178523	38.43103539	14.67962995	Superficial	SOX2
LIMK2	0.943596112	0.002836074	0.012662188	38.02056013	14.07641227	Superficial	SOX2
IFI44	0.942373886	0.012681065	0.042921737	16.09657028	5.918626253	Suprabasal	SOX2
IFNGR1	0.941175231	0.004211401	0.016013117	33.31017628	11.24701455	Superficial	SOX2
TXNDC5	0.940628861	0.000795824	0.0136425	35.12375823	13.57082836	Basal	SOX2
PKP1	0.940526247	0.005105016	0.018023407	73.57168146	41.33040784	Superficial	SOX2 + KLF5, SOX2, KLF5
TM7SF2	0.9402277008	0.003462059	0.014108599	74.58981573	44.97928738	Superficial	SOX2
ATXN1	0.939973269	0.008904627	0.025990329	30.66077976	9.153560369	Superficial	SOX2 + KLF5, SOX2
HYAL2	0.939193889	0.008904627	0.025990329	25.45374355	9.165485301	Superficial	SOX2
PIR	0.938528782	0.010644787	0.029507311	42.51794111	15.60827055	Superficial	SOX2
SRCAP	0.937080417	0.004211401	0.021879278	23.12213982	10.22666155	Suprabasal	SOX2
KDM5A	0.936624009	0.000401828	0.007176147	52.87431596	22.545332	Superficial	SOX2
HIPK2	0.936227725	0.000795824	0.007615337	44.33080382	16.53588677	Superficial	SOX2
XPR1	0.935980881	0.008904627	0.034252903	13.83697012	5.461275977	Suprabasal	SOX2
C11orf80	0.934813283	0.001883197	0.010234018	19.61554888	7.757036142	Superficial	SOX2
TLCD1	0.934508989	0.008904627	0.025990329	26.94830138	9.425029458	Superficial	SOX2
IL15	0.931288218	0.002836074	0.0176927	10.39551987	3.705311357	Suprabasal	SOX2, SOX2 + KLF5
IGF1R	0.930404525	0.003462059	0.019729589	35.5263818	16.47930112	Suprabasal	SOX2
VPS16	0.930332913	0.003462059	0.014108599	23.27652963	9.006523619	Superficial	SOX2
PARN	0.930213959	0.015054848	0.038009884	13.26146873	4.826815714	Superficial	SOX2
IFIH1	0.930212135	0.007423146	0.030449933	37.56081844	17.67361083	Suprabasal	SOX2 + KLF5
MLKL	0.929694873	0.007423146	0.022959455	13.79556589	5.302842768	Superficial	SOX2
BCL6	0.929155584	0.004211401	0.021879278	25.26670431	10.89606288	Suprabasal	SOX2
SULF2	0.926816247	0.004211401	0.021879278	56.00061141	30.06269751	Suprabasal	SOX2
SPRY2	0.92469581	0.003462059	0.019729589	9.968966492	3.716915077	Suprabasal	SOX2
RPUSD3	0.921826912	0.004211401	0.016013117	36.06544029	14.38430226	Superficial	SOX2
TNKS1BP1	0.921810736	0.000401828	0.007176147	43.2456963	17.19199187	Superficial	SOX2
METTL16	0.921425744	0.015054848	0.038009884	10.71836209	3.663641463	Superficial	SOX2
THUMPD1	0.921027525	0.000795824	0.007615337	35.43257965	11.99410572	Superficial	SOX2
MORC4	0.919114825	0.021001058	0.04834985	19.58222702	6.690165479	Superficial	SOX2
SMPD3	0.91883153	0.012681065	0.033478436	9.692248683	3.781776836	Superficial	SOX2, KLF5, SOX2 + KLF5
CTSS	0.918754346	0.003462059	0.019729589	58.74895434	32.65659344	Suprabasal	SOX2
DDX23	0.918262459	0.000635975	0.007274975	33.28708232	12.49172321	Superficial	SOX2
DNAJC11	0.918087484	0.005105061	0.018023407	17.65883872	6.07592926	Superficial	SOX2
CHD1	0.916971655	0.002315114	0.011381143	29.52238981	10.04115794	Superficial	SOX2
NUP133	0.914397334	0.015054848	0.038009884	13.23558916	4.066194821	Superficial	SOX2
ZNF532	0.913554972	0.008904627	0.034252903	14.08271725	5.827776916	Suprabasal	SOX2
ANK3	0.913274645	0.012681065	0.033478436	32.92849736	10.82374859	Superficial	SOX2 + KLF5
PEX26	0.911924325	0.021001058	0.04834985	17.34632142	5.907570971	Superficial	SOX2
RTCB	0.910029323	0.000506425	0.007178523	64.11821594	31.35594231	Superficial	SOX2
AFC3L2	0.909662689	0.001526458	0.009387421	45.0308695	18.25711922	Superficial	SOX2
UBE3C	0.908984058	0.002315114	0.011381143	28.28995982	9.861957868	Superficial	SOX2
SCEL	0.908585979	0.004211401	0.027185186	35.21251921	18.03409494	Basal	SOX2
CCAR1	0.908014534	0.008904627	0.025990329	41.8177982	14.38612398	Superficial	SOX2
TNFSF10	0.906889478	0.001526458	0.016792744	90.0032318	67.96705726	Basal	SOX2, KLF5
SLC45A4	0.906108969	0.008904627	0.040392504	8.764812014	2.929838771	Basal	SOX2
MAGED2	0.905063097	0.000635975	0.007274975	36.3342794	13.70758675	Superficial	SOX2
BCR	0.904694009	0.000795824	0.0136425	21.22696209	8.213040475	Basal	SOX2
ITPR3	0.90283063	0.001526458	0.016792744	27.31887442	11.01249269	Basal	SOX2
ARHGEF5	0.902031503	0.004211401	0.021879278	49.08157174	27.73966165	Suprabasal	SOX2
TBC1D10A	0.901080387	0.004211401	0.016013117	31.31177269	11.81774667	Superficial	SOX2
ANKIB1	0.900545456	0.000153669	0.007176147	37.04964394	13.30203144	Superficial	SOX2
SLC4A7	0.899999926	0.017811616	0.043066688	6.29061434	1.861275296	Superficial	SOX2 + KLF5
FXYD3	0.899656014	0.002315114	0.011381143	87.03589411	66.84367355	Superficial	SOX2
CDKAL1	0.89933994	0.000506425	0.007178523	11.61467749	3.791144178	Superficial	SOX2
FURIN	0.899232364	0.000153669	0.012455402	17.94979085	6.915633525	Basal	SOX2
CAMSAP1	0.899201892	0.000119764	0.012455402	33.88678212	15.33563619	Basal	SOX2
PHC2	0.896625623	0.001883197	0.010234018	17.54207804	6.22869448	Superficial	SOX2
LRRK42	0.895968102	0.001232925	0.008679903	32.72943189	11.61962184	Superficial	SOX2
SLC39A6	0.895816619	0.006166656	0.020290909	16.16572683	4.572418678	Superficial	SOX2
ST14	0.895366654	7.20E-05	0.012455402	50.40009109	25.34790976	Basal	SOX2, SOX2 + KLF5
PLEKHG3	0.895015137	0.015054848	0.038009884	13.95511449	4.823953346	Superficial	SOX2
TIAM1	0.894450063	0.000992312	0.008042817	54.68463967	24.04975501	Superficial	SOX2
KIAA1217	0.893786401	0.000992312	0.008042817	53.56579201	21.83646765	Superficial	SOX2

SPECC1L	0.893320652	0.001232925	0.015721789	24.77042245	9.815567676	Basal	SOX2
EPN2	0.893135704	0.000795824	0.007615337	63.41211342	30.86327485	Superficial	SOX2 + KLF5
BMPR2	0.892138295	0.001883197	0.010234018	38.46729266	14.761013	Superficial	SOX2, SOX2 + KLF5
CDCP1	0.890652929	0.000992312	0.008042817	66.76017312	32.69936178	Superficial	SOX2
TNRC18	0.889205782	0.017811616	0.043066688	24.24592989	8.527045348	Superficial	SOX2 + KLF5, SOX2
TOMM70	0.887267944	0.003462059	0.014108599	30.88206662	10.68652037	Superficial	SOX2
KCNK7	0.886984141	0.012681065	0.033478436	31.28106222	10.82219727	Superficial	SOX2
EPHB3	0.885669184	0.001526458	0.016792744	17.94114574	7.389341179	Basal	SOX2, KLF5
BMPR1A	0.882293181	0.003462059	0.014108599	12.01608827	3.634607464	Superficial	SOX2
TRAF3IP1	0.882212095	0.005105016	0.018023407	14.53927799	4.312759643	Superficial	SOX2
NOL10	0.882088665	0.015054848	0.038009884	17.02148532	6.188813952	Superficial	SOX2 + KLF5, SOX2
RNF19B	0.881491342	0.000506425	0.012898798	25.32034955	10.32639443	Basal	SOX2 + KLF5, SOX2
UGCG	0.880956022	0.000317696	0.012455402	41.6884798	18.93866914	Basal	SOX2, SOX2 + KLF5
ABLIM2	0.87843226	0.001232925	0.012246384	21.47830619	10.05916517	Suprabasal	SOX2
CEP170B	0.878140221	0.000401828	0.012455402	19.88590991	7.313422792	Basal	SOX2
MORC2	0.87731019	0.001526458	0.009387421	11.36270155	3.478454545	Superficial	SOX2
FTSJ3	0.876905147	0.000635975	0.007274975	19.33425643	6.629415989	Superficial	SOX2
NOTCH1	0.876227202	0.003462059	0.024854712	28.32956634	13.11437681	Basal	SOX2
ZDHHC16	0.875936954	0.008904627	0.025990329	18.0535891	6.514104604	Superficial	SOX2
IGSF3	0.875568181	0.004211401	0.016013117	20.64854284	7.060117599	Superficial	SOX2
METTL14	0.875376042	0.002836074	0.012662188	20.15456999	6.39679254	Superficial	SOX2
HDGF	0.875145778	0.000506425	0.007178523	63.33322983	30.12978082	Superficial	SOX2
BTG1	0.874641303	7.20E-05	0.007176147	76.33575407	46.98814185	Superficial	SOX2, SOX2 + KLF5
CHRAC1	0.874329147	0.001526458	0.009387421	32.58122904	11.03633825	Superficial	SOX2
PPP1R26	0.874196498	0.000795824	0.010838271	9.010442668	3.864186864	Suprabasal	SOX2
CAMSAP3	0.873243075	0.001232925	0.015721789	12.6460338	5.306066422	Basal	SOX2
TP53RK	0.873165537	0.001883197	0.010234018	34.69402433	13.34150254	Superficial	SOX2
LETM1	0.872109216	0.000635975	0.007274975	48.00505357	21.60553929	Superficial	SOX2
RBM19	0.870734356	0.008904627	0.025990329	9.455645202	3.177116214	Superficial	SOX2
NOP14	0.870040844	0.012681065	0.033478436	17.67069829	5.687473923	Superficial	SOX2
SLC25A46	0.869726759	0.010644787	0.029507311	27.18592165	9.768766573	Superficial	SOX2
NLRX1	0.869680205	0.006166656	0.020290909	44.2626525	19.65292128	Superficial	SOX2
ADCK2	0.869583124	0.007423146	0.022959455	21.60813141	8.531418818	Superficial	SOX2
RAB3D	0.86952271	0.015054848	0.038009884	36.43417123	14.40115223	Superficial	SOX2
HNRNPAB	0.868905205	0.002836074	0.012662188	55.3602438	22.22158232	Superficial	SOX2
CSNK1G3	0.868108155	0.000635975	0.007274975	25.97849208	8.715818884	Superficial	SOX2
PLXNA2	0.867985641	0.006166656	0.020290909	29.09724384	8.662493629	Superficial	SOX2
POLR3A	0.867854544	0.017811616	0.043066688	9.674285364	2.890829878	Superficial	SOX2
PLOD2	0.867405121	0.003462059	0.014108599	24.23100976	7.329784954	Superficial	SOX2
CLOCK	0.867335537	0.015054848	0.038009884	35.97663274	12.96369281	Superficial	SOX2
VRK2	0.866624796	0.002836074	0.012662188	27.63407787	9.880195058	Superficial	SOX2
MTA2	0.866164613	0.017811616	0.043066688	24.48027662	10.40104993	Superficial	SOX2
IRF1	0.864606905	7.20E-05	0.012455402	66.36951881	38.12897296	Basal	SOX2
SPSB2	0.863671948	0.021001058	0.04834985	12.26063796	4.552374875	Superficial	SOX2
UNC45A	0.863347383	0.008904627	0.025990329	30.21492431	11.95655965	Superficial	SOX2
FAM110C	0.863318044	0.000401828	0.010489143	49.1183436	27.19016149	Suprabasal	SOX2, SOX2 + KLF5
RNF214	0.860639186	0.000992312	0.008042817	20.37905803	7.210504233	Superficial	SOX2
NLN	0.860495589	0.002836074	0.012662188	10.91799313	3.618501469	Superficial	SOX2
NSMAF	0.858277222	0.012681065	0.033478436	11.88905994	4.845257228	Superficial	SOX2
TPST1	0.858189681	0.000992312	0.01142308	22.00115385	9.487918828	Suprabasal	SOX2
CMCBP	0.856648759	0.000401828	0.007176147	28.42016649	10.86479165	Superficial	SOX2
OSBP	0.855633877	0.006166656	0.020290909	40.09049547	16.42969957	Superficial	SOX2
FAS	0.855309759	0.000196466	0.010489143	28.48938444	12.96714597	Suprabasal	SOX2
LUZP1	0.855211261	0.000196466	0.007176147	37.10983106	13.77168569	Superficial	SOX2
SLC10A3	0.855190282	0.008904627	0.025990329	24.99035341	9.877241285	Superficial	SOX2
PDCD4	0.852743281	0.005105016	0.018023407	76.60735903	42.69342999	Superficial	SOX2
PHF14	0.852521794	0.002836074	0.012662188	29.36397933	9.593443001	Superficial	SOX2
HDAC1	0.851318097	0.000992312	0.008042817	61.95501145	30.23757095	Superficial	SOX2
FCHSD2	0.850963554	0.002836074	0.0176927	8.91420517	4.048490828	Suprabasal	SOX2 + KLF5
ERCC3	0.849248528	0.008904627	0.025990329	12.5092704	4.311489353	Superficial	SOX2
DMRTA2	0.848884765	0.002315114	0.016074975	6.741522978	3.19563976	Suprabasal	SOX2
ALCAM	0.848190649	0.007423146	0.022959455	11.32639601	3.871626927	Superficial	SOX2 + KLF5, SOX2
SKIV2L	0.848108426	0.000506425	0.007178523	13.76146259	4.464769501	Superficial	SOX2
DSC2	0.846921441	0.017811616	0.043066688	72.26288159	40.41740992	Superficial	SOX2
DTNBP1	0.846794959	0.021001058	0.04834985	14.28105129	4.932464707	Superficial	SOX2 + KLF5
BORCS5	0.846268858	0.002836074	0.012662188	20.25345521	7.504594465	Superficial	SOX2
POLE	0.846156543	0.002836074	0.0176927	7.470452375	3.782665953	Suprabasal	SOX2
MAP3K8	0.845745236	0.004211401	0.027185186	25.65143559	12.18378813	Basal	SOX2, SOX2 + KLF5
RUFY3	0.844831691	0.000635975	0.007274975	44.04485076	16.50861145	Superficial	SOX2
ITGA3	0.844554837	0.007423146	0.030449933	13.76692359	6.266478229	Suprabasal	SOX2
ARFGEF2	0.844127629	0.002315114	0.011381143	41.32971032	15.23832973	Superficial	SOX2
SPNS1	0.842942886	0.003462059	0.014108599	21.89951967	7.858241511	Superficial	SOX2
UBR5	0.842481048	0.006166656	0.020290909	41.02552479	15.33512244	Superficial	SOX2
ALG9	0.839853938	0.007423146	0.022959455	10.62872224	4.26325388	Superficial	SOX2
MTHFD1L	0.839822411	0.007423146	0.036548425	14.53056637	6.246920981	Basal	SOX2
CHD4	0.839801259	0.000635975	0.007274975	57.16082184	26.07656657	Superficial	SOX2
OAF	0.839505259	0.003462059	0.019729589	13.15030459	5.79206902	Suprabasal	SOX2
MAP4	0.839469094	0.000506425	0.007178523	56.55506459	24.597045	Superficial	SOX2
GLE1	0.835935781	0.008904627	0.025990329	16.91032054	5.336535038	Superficial	SOX2
NECTIN4	0.835610283	0.000635975	0.012925379	30.87073029	15.59987036	Basal	SOX2

IWS1	0.83526127	0.001526458	0.009387421	33.72332735	12.23744966	Superficial	SOX2
RBM12	0.834785213	0.001232925	0.008679903	23.96776883	8.159807832	Superficial	SOX2
CCDC71L	0.834591944	0.006166656	0.020290909	18.69169873	6.190759114	Superficial	SOX2
MACC1	0.834417685	0.001883197	0.018415354	24.81749513	10.86425508	Basal	SOX2 + KLF5, SOX2
HES1	0.834394053	0.015054848	0.038009884	72.77617354	40.31242283	Superficial	SOX2
DNMBP	0.834004899	0.017811616	0.043066688	12.19837134	4.683669686	Superficial	SOX2 + KLF5
EFL1	0.833887149	0.002836074	0.012662188	12.54418382	4.708387837	Superficial	SOX2
YLPM1	0.833887719	0.004211401	0.016013117	21.20338158	7.420526934	Superficial	SOX2
PHC3	0.833132444	0.021001058	0.04834985	15.7324662	4.172159185	Superficial	SOX2
ARHGAP1	0.832801399	0.001526458	0.009387421	49.16523241	21.6705731	Superficial	SOX2
MTMR4	0.832773168	0.012681065	0.033478436	12.61282616	4.384877816	Superficial	SOX2
USP34	0.831927479	0.000250281	0.007176147	48.76179144	19.59301972	Superficial	SOX2
LTN1	0.831844928	0.003462059	0.014108599	32.27681339	10.69037507	Superficial	SOX2
SAMD8	0.83084174	0.007423146	0.022959455	30.77720131	12.43241064	Superficial	SOX2
LTBP4	0.830027435	0.000795824	0.010838271	42.65305007	22.45104814	Suprabasal	SOX2
EFNB1	0.828770052	0.007423146	0.022959455	12.44857866	4.371969674	Superficial	SOX2
TAF15	0.827829113	0.002836074	0.012662188	46.64494557	17.66507047	Superficial	SOX2
ZNF205	0.827619182	0.006166656	0.020290909	9.321767583	3.501849539	Superficial	SOX2
DSC3	0.82685136	0.021001058	0.04834985	60.40379599	27.05844558	Superficial	SOX2 + KLF5, SOX2
TDG	0.826493209	0.005105016	0.018023407	45.1714113	18.47106601	Superficial	SOX2
PPA2	0.825614967	0.000795824	0.007615337	45.85643088	18.36050404	Superficial	SOX2
EPB41L2	0.825187272	0.012681065	0.042921737	13.2310882	5.383598174	Suprabasal	SOX2
RHOV	0.824745801	0.000506425	0.012898798	55.32474773	31.36023103	Basal	SOX2
THOC3	0.823897476	0.010644787	0.029507311	59.47882876	28.67750392	Superficial	SOX2
TWF2	0.823549219	0.000992312	0.008042817	58.15254953	27.21826086	Superficial	SOX2 + KLF5
ATRN	0.823194799	0.021001058	0.04834985	17.37967553	6.135836441	Superficial	SOX2
PPL	0.822801611	0.000317696	0.012455402	57.78159745	33.11426547	Basal	SOX2, SOX2 + KLF5
FBXO38	0.822800065	0.000992312	0.008042817	19.93874301	6.63278819	Superficial	SOX2
MRPS35	0.82271128	0.012681065	0.033478436	41.47677578	15.25102828	Superficial	SOX2
ACAD9	0.822605788	0.000401828	0.007176147	36.21095613	14.39931058	Superficial	SOX2 + KLF5
SNX12	0.822585602	0.006166656	0.020290909	25.06938895	11.27638862	Superficial	SOX2
TFAP2A	0.820450997	0.002315114	0.011381143	42.82071234	17.82890683	Superficial	SOX2
ATN1	0.819507951	0.000992312	0.008042817	32.18520156	12.76600372	Superficial	SOX2
CPT2	0.818968522	0.015054848	0.038009884	23.64381963	8.697933431	Superficial	SOX2
SPTLC2	0.817816947	0.008904627	0.025990329	58.58796534	29.63327216	Superficial	SOX2
HACE1	0.816745618	0.008904627	0.034252903	13.23797985	6.170834204	Suprabasal	SOX2
PIM1	0.816682613	0.000506425	0.012898798	35.4644167	17.60863066	Basal	SOX2 + KLF5, SOX2
DHX16	0.816455155	0.000992312	0.008042817	20.49134581	7.234232442	Superficial	SOX2
DNAAF2	0.815990058	0.008904627	0.025990329	12.88862781	5.011421676	Superficial	SOX2
SDC1	0.813719129	0.002315114	0.011381143	87.75694466	66.95145226	Superficial	SOX2
ELL3	0.813317704	0.015054848	0.048140298	7.192728655	3.329046936	Suprabasal	SOX2
CCNE1	0.812722988	0.001883197	0.018415354	11.8773326	5.413782807	Basal	SOX2
PLXNB2	0.812108846	0.001232925	0.015721789	46.65187659	22.95899987	Basal	SOX2
WDR47	0.811734977	5.55E-05	0.012455402	35.21788058	15.80573817	Basal	SOX2
MID1IP1	0.810782697	0.002836074	0.012662188	33.06994348	13.45685532	Superficial	SOX2
MFN1	0.810406977	0.000795824	0.007615337	37.4800731	14.78617492	Superficial	SOX2
EFNA4	0.809859537	0.003462059	0.014108599	21.55207442	7.257920127	Superficial	SOX2
ARMCX3	0.808889184	0.001883197	0.010234018	22.49931016	7.20222225	Superficial	SOX2
DDX46	0.8088617792	0.001883197	0.010234018	55.8352134	23.18074829	Superficial	SOX2
NXF1	0.808612993	0.021001058	0.04834985	18.32360737	7.616265295	Superficial	SOX2
NDUFV1	0.808605636	0.008904627	0.025990329	58.69079218	25.16361058	Superficial	SOX2
KIF1C	0.808132244	0.000401828	0.012455402	35.31714962	16.56280017	Basal	SOX2
CDKN2D	0.807747808	0.017811616	0.043066688	31.18476328	12.50599597	Superficial	SOX2
TMED5	0.807701462	0.001883197	0.010234018	40.71109999	16.55487528	Superficial	SOX2
ANKRD22	0.804461386	0.001526458	0.009387421	53.90767745	23.26610733	Superficial	SOX2
MCPH1	0.800090408	0.012681065	0.033478436	17.43680128	6.513088304	Superficial	SOX2
FNDC3A	0.800001038	0.004211401	0.016013117	20.19240284	7.23045575	Superficial	SOX2
SIRT1	0.799938477	0.007423146	0.022959455	14.80977543	4.692575729	Superficial	SOX2
LRPPRC	0.798944589	0.021001058	0.04834985	31.40078505	9.816116635	Superficial	SOX2
ATP5F1A	0.798738249	0.006166656	0.020290909	71.23746796	38.86356897	Superficial	SOX2
CPSF2	0.798423626	0.000992312	0.008042817	34.48820073	13.36730562	Superficial	SOX2
UBALD2	0.798313434	0.000250281	0.012455402	58.45055428	32.53669687	Basal	SOX2
SFPQ	0.797818023	0.001232925	0.008679903	61.97537887	29.57785022	Superficial	SOX2
SLC52A2	0.797173775	0.010644787	0.029507311	28.79074487	10.90435535	Superficial	SOX2
NFRKB	0.797033244	0.004211401	0.016013117	12.0529207	4.844985206	Superficial	SOX2
ABHD13	0.796556468	0.000992312	0.008042817	22.41406526	8.264951864	Superficial	SOX2
ARHGAP21	0.7953336566	0.004211401	0.021879278	36.03350368	18.17611891	Suprabasal	SOX2
EVPL	0.793544001	0.000795824	0.0136425	44.99753962	23.63771042	Basal	SOX2
MSH3	0.793458301	0.003462059	0.014108599	22.98398105	7.918764414	Superficial	SOX2
ARL1	0.792148333	0.001232925	0.008679903	71.80733536	42.39486522	Superficial	SOX2
KCTD1	0.790819901	0.000795824	0.007615337	50.90920202	21.19738831	Superficial	SOX2, SOX2 + KLF5
FAM199X	0.790489698	0.000992312	0.008042817	33.68678037	12.41133265	Superficial	SOX2
IPPK	0.790086212	0.021001058	0.04834985	32.36939208	11.4416446	Superficial	SOX2
GRIPAP1	0.790033602	0.000992312	0.008042817	32.41525033	11.48465582	Superficial	SOX2
IGSF8	0.789619705	0.002315114	0.011381143	14.91047128	5.385316998	Superficial	SOX2
SMARCE1	0.788128386	0.000401828	0.007176147	53.98102131	23.8797572	Superficial	SOX2
PAK1	0.786995191	0.000635975	0.007274975	29.64145241	11.08264459	Superficial	SOX2
SLC22A18	0.786650694	0.000992312	0.008042817	27.90101417	9.786049759	Superficial	SOX2
SCRIB	0.785180723	0.000317696	0.012455402	24.07048471	10.71812052	Basal	SOX2
PPP2R1B	0.785024498	0.002836074	0.012662188	28.21036033	10.75997223	Superficial	SOX2

KLK10	0.784915262	0.001883197	0.018415354	49.63143813	30.40373894 Basal	SOX2
ESRP2	0.784736975	0.003462059	0.014108599	49.49809927	23.21995429 Superficial	SOX2
DSP	0.78419116	0.000506425	0.012898798	95.57120634	83.16967388 Basal	SOX2, SOX2 + KLF5
SUPT6H	0.783663486	0.001883197	0.010234018	39.0967722	17.04241278 Superficial	SOX2
NSD1	0.782623544	0.000250281	0.007176147	44.34785098	18.99005533 Superficial	SOX2
RARG	0.781083073	0.000401828	0.007176147	76.26745981	42.47873787 Superficial	SOX2
RASSF6	0.780974466	0.021001058	0.04834985	19.09196449	5.374914478 Superficial	SOX2, SOX2 + KLF5
TRIM5	0.780767742	0.021001058	0.04834985	14.72009644	4.341097256 Superficial	SOX2
ARHGAP35	0.779858557	0.000795824	0.007615337	30.72874296	11.10752697 Superficial	SOX2
TBRG4	0.777140895	0.017811616	0.043066688	23.73424314	8.528389369 Superficial	SOX2
TRABD	0.776314911	0.006166656	0.020290909	44.64577932	19.65405638 Superficial	SOX2
ARMCX6	0.776127211	0.001883197	0.010234018	31.53888816	12.22350712 Superficial	SOX2
NCOA5	0.775988711	0.008904627	0.025990329	9.113392929	3.455771311 Superficial	SOX2
FRMD4B	0.772823978	0.001526458	0.009387421	72.27208121	40.58876961 Superficial	SOX2
LAP3	0.771547699	0.001883197	0.010234018	40.8294852	15.63526895 Superficial	SOX2
CDC42BPB	0.770069085	0.000153669	0.012455402	39.33363482	18.95615945 Basal	SOX2
SLC7A8	0.768503851	0.003462059	0.014108599	23.18110177	9.569188016 Superficial	SOX2
TMEM154	0.766978768	0.010644787	0.029507311	73.6246979	44.77279121 Superficial	SOX2
TXN	0.766068419	0.017811616	0.043066688	94.92987078	90.59413398 Superficial	SOX2
CAAP1	0.765982227	0.001232925	0.008679903	27.8715948	10.35073339 Superficial	SOX2
ZNF407	0.765275288	0.005105016	0.018023407	9.565013872	2.98368203 Superficial	SOX2
TAB1	0.765243129	0.008904627	0.025990329	7.66350226	2.519377628 Superficial	SOX2
VILL	0.765232309	0.010644787	0.038255467	12.66776283	5.055959665 Suprabasal	KLF5
TPM4	0.765005693	0.002836074	0.022562695	83.37863428	60.677827 Basal	SOX2
UTP6	0.764059543	0.001883197	0.010234018	24.32650647	9.796163309 Superficial	SOX2
ZNF142	0.763854846	0.000795824	0.010838271	7.199945873	3.709384109 Suprabasal	SOX2
USP7	0.762927097	0.000506425	0.007178523	57.37381352	26.69855543 Superficial	SOX2
TKFC	0.762788105	0.021001058	0.04834985	15.27432299	5.605121704 Superficial	SOX2
TTC17	0.761819095	0.008904627	0.025990329	24.36359453	8.844420798 Superficial	SOX2
PXK	0.758536609	0.005105016	0.018023407	14.76121213	4.158985349 Superficial	SOX2
NMB	0.757007026	0.003462059	0.024854712	19.49023009	8.735687673 Basal	SOX2
PIGK	0.756858535	0.010644787	0.029507311	10.61173633	3.827762891 Superficial	SOX2
PRPF40A	0.755048603	0.000795824	0.007615337	58.42226805	27.22883402 Superficial	SOX2
RIPK4	0.753786917	0.000506425	0.010489143	56.92429997	34.29619525 Suprabasal	SOX2
MARCKSL1	0.753039523	0.005105016	0.029792864	19.57397271	7.984022926 Basal	SOX2
COX10	0.752167474	0.017811616	0.043066688	15.53587995	5.187538716 Superficial	SOX2
XRN1	0.751931606	0.008904627	0.025990329	38.10142195	14.27251888 Superficial	SOX2
POR	0.751814117	0.000992312	0.008042817	66.781586	35.01139862 Superficial	KLF5, SOX2
MECOM	0.750699729	0.002315114	0.016074975	56.52334109	32.74640448 Suprabasal	KLF5
PLP2	0.749774242	0.010644787	0.029507311	77.34020689	49.58391191 Superficial	SOX2
RAB11FIP4	0.74958562	0.002836074	0.022562695	11.93939559	4.465728883 Basal	SOX2
CRADD	0.748667913	0.007423146	0.022959455	14.26033086	4.924503899 Superficial	SOX2 + KLF5
ATXN7L3B	0.748484548	0.000153669	0.007176147	44.03819642	18.55042579 Superficial	SOX2
GRIP1	0.747835515	0.003462059	0.019729589	7.134486236	3.06073658 Suprabasal	SOX2 + KLF5
NIPAL1	0.747293766	0.001883197	0.010234018	58.7054824	29.04320719 Superficial	SOX2
RASA1	0.747100481	0.003462059	0.014108599	25.67635873	8.934911271 Superficial	SOX2
MFSD6	0.746746359	0.012681065	0.033478436	53.60128769	24.41723396 Superficial	SOX2
INTS2	0.746668773	0.010644787	0.029507311	8.778939305	2.442925882 Superficial	SOX2
CCDC34	0.746367735	0.001526458	0.013290882	40.02681251	19.40977035 Suprabasal	SOX2
UBR7	0.74631484	0.012681065	0.033478436	16.05246902	5.706209921 Superficial	SOX2
SNTB2	0.745802206	0.001883197	0.010234018	27.06126241	9.939822852 Superficial	SOX2
MAN1A2	0.7442280933	0.001883197	0.010234018	50.53089819	20.95246014 Superficial	SOX2
NDUFA8	0.743813982	0.004211401	0.016013117	56.18648971	26.12503468 Superficial	SOX2
EIF3B	0.742450588	0.005105016	0.018023407	43.13425729	17.85244483 Superficial	SOX2
POLR3B	0.74062025	0.000506425	0.007178523	21.82467954	8.464220903 Superficial	SOX2
WNK4	0.739616678	0.008904627	0.025990329	16.96339688	6.600647357 Superficial	SOX2
MRPS30	0.739498814	0.010644787	0.029507311	26.85606255	9.562664138 Superficial	SOX2
RBBP8NL	0.738379695	0.008904627	0.025990329	18.58587441	7.808829489 Superficial	SOX2
ARFGAP3	0.737414745	0.004211401	0.016013117	34.43334593	13.93679235 Superficial	SOX2 + KLF5
PRRC2B	0.73728807	0.004211401	0.016013117	37.54429978	15.16190471 Superficial	SOX2
CLIC4	0.737162028	0.007423146	0.036548425	18.68317984	8.50586959 Basal	SOX2
AFDN	0.736654672	5.55E-05	0.012455402	48.38939108	25.14959746 Basal	SOX2
PHF13	0.73612879	0.000635975	0.012925379	18.94767185	8.609546677 Basal	SOX2
ZYX	0.735779973	0.015054848	0.038009884	36.28202793	16.07075639 Superficial	SOX2
TMEM98	0.735476257	0.008904627	0.034252903	30.33653877	14.52821983 Suprabasal	SOX2
BICDL2	0.735059923	0.002315114	0.020052792	22.07254004	10.577487773 Basal	SOX2
PRC1	0.7342220942	0.002836074	0.022562695	44.06968575	25.03313541 Basal	SOX2
ZNF131	0.733472982	0.002315114	0.011381143	25.08109627	8.963884002 Superficial	SOX2
PIK3R1	0.733066436	0.007423146	0.022959455	19.32332041	6.742500994 Superficial	SOX2
BST2	0.732636317	0.012681065	0.049425568	41.46014877	20.02884409 Basal	SOX2
MGST3	0.732351335	0.010644787	0.029507311	65.51241176	32.75084606 Superficial	SOX2
HTATIP2	0.732198546	0.005105016	0.018023407	54.11311985	24.77233011 Superficial	SOX2
ZPR1	0.730854063	0.017811616	0.043066688	28.17455576	10.73635346 Superficial	SOX2
URI1	0.730252363	0.000795824	0.007615337	48.99660551	20.34154253 Superficial	SOX2
ADD3	0.729947864	0.002315114	0.011381143	66.28396552	34.34038086 Superficial	KLF5
EZR	0.727242657	0.002315114	0.020052792	82.97696886	59.68243158 Basal	SOX2 + KLF5, SOX2
TMEM184A	0.726810155	0.006166656	0.032981404	16.76272801	7.803146974 Basal	SOX2
GRB7	0.726375743	0.000317696	0.012455402	39.18241856	19.55517725 Basal	SOX2
MRPL4	0.726193947	0.008904627	0.025990329	43.49259063	17.67791629 Superficial	SOX2
AKAP13	0.72614015	0.000635975	0.007274975	69.84387281	38.37719104 Superficial	SOX2

ICMT	0.726052153	0.000992312	0.014320968	39.13219758	20.3780701	Basal	SOX2
G3BP1	0.72578975	0.017811616	0.043066688	45.8882534	18.82497802	Superficial	SOX2
INPP5F	0.725043383	0.007423146	0.022959455	13.93767328	4.990127193	Superficial	SOX2
RNF138	0.724834032	0.017811616	0.043066688	16.12579921	5.149135029	Superficial	SOX2
ETV3	0.724257442	0.006166656	0.027303057	36.51993618	18.36824247	Suprabasal	SOX2
PBDC1	0.724096304	0.007423146	0.022959455	47.58340403	19.4017906	Superficial	SOX2
TBC1D4	0.722873499	0.017811616	0.043066688	9.618053519	3.152159836	Superficial	SOX2
WWC2	0.722704636	0.000635975	0.012925379	14.52289953	5.932481265	Basal	SOX2
CD82	0.721546364	0.012681065	0.033478436	57.52904438	27.31531055	Superficial	SOX2
PFKP	0.720566334	0.002836074	0.022562695	42.15295301	21.9314053	Basal	SOX2
GTF3C5	0.72007063	0.001526458	0.009387421	28.57071781	12.03709938	Superficial	SOX2
SUGT1	0.719687512	0.001232925	0.008679903	60.55400256	28.61191437	Superficial	SOX2
EIF4G1	0.718208604	0.000635975	0.012925379	63.74988687	36.77598904	Basal	SOX2
RHBDD2	0.717960761	0.000992312	0.01142308	43.30584464	25.55995337	Suprabasal	SOX2
RAB3IP	0.717948673	0.001232925	0.012246384	18.14985456	8.781444715	Suprabasal	SOX2
GOPC	0.717192669	0.000506425	0.007178523	40.99698046	17.8396565	Superficial	SOX2
CA13	0.716964043	0.012681065	0.033478436	26.84068309	9.406202184	Superficial	SOX2
FOXP4	0.716400668	0.000635975	0.012925379	10.1266356	4.367339639	Basal	SOX2
DIAPH1	0.715897124	0.000992312	0.014320968	49.98329195	26.85333151	Basal	SOX2
MPHOSPH10	0.715736333	0.006166656	0.020290909	41.49656213	16.38485875	Superficial	SOX2
PPIC	0.715013805	0.015054848	0.038009884	68.41924217	34.96201968	Superficial	SOX2
KHDRBS1	0.714588018	0.000401828	0.007176147	62.73550413	29.47083304	Superficial	SOX2
UTP3	0.714515084	0.006166656	0.020290909	25.70999785	9.52559203	Superficial	SOX2
SPEN	0.713127731	0.002836074	0.012662188	48.98877362	21.73061439	Superficial	SOX2
KREMEN1	0.713062714	0.000401828	0.012455402	51.12077132	27.52790114	Basal	SOX2
TMEM147	0.712669208	0.007423146	0.022959455	72.89427386	49.57190643	Superficial	SOX2
TOM1L1	0.712554624	0.004211401	0.016013117	23.61587939	8.747457616	Superficial	SOX2
TECPR2	0.712470979	9.30E-05	0.010489143	13.29861592	6.763670291	Suprabasal	SOX2
NR6A1	0.711946773	0.002315114	0.016074975	14.65826514	7.063050314	Suprabasal	SOX2
KHDRBS3	0.710487783	0.000635975	0.012925379	11.98724433	5.379939887	Basal	SOX2 + KLF5
GTF3C2	0.70899392	0.002836074	0.012662188	27.90357716	11.75661752	Superficial	SOX2
SETD7	0.708207417	0.000635975	0.007274975	27.99014587	13.201659	Superficial	SOX2
PARD6G	0.708078019	0.004211401	0.016013117	44.41779238	18.59663141	Superficial	SOX2
LASP1	0.70727919	0.001526458	0.016792744	36.89944035	16.6859833	Basal	SOX2
MIPEP	0.707166754	0.021001058	0.04834985	10.898353	3.702076167	Superficial	SOX2 + KLF5, SOX2
LEMD3	0.706801908	0.006166656	0.020290909	18.31859504	5.567001364	Superficial	SOX2
IER3	0.705746954	0.005105016	0.029792864	91.0662064	71.33517237	Basal	SOX2
TM9SF3	0.705468786	0.000317696	0.007176147	75.11455963	44.74854753	Superficial	SOX2
TPST2	0.705368445	0.008904627	0.025990329	29.58094075	12.14561785	Superficial	SOX2
MAST4	0.70518553	0.015054848	0.038009884	60.88267442	33.03507244	Superficial	SOX2
PPP1R3D	0.705122846	0.001883197	0.010234018	23.83506292	9.135189693	Superficial	SOX2
SENP6	0.703318284	0.001526458	0.009387421	39.02975419	15.42974016	Superficial	SOX2
FAM83H	0.702860491	0.002315114	0.020052792	35.23918804	17.10164149	Basal	SOX2
HIP1R	0.702694987	0.001526458	0.016792744	11.04972321	4.742867003	Basal	SOX2
USP40	0.702333154	0.006166656	0.027303057	29.51910976	16.18770834	Suprabasal	SOX2
PPARA	0.702123681	0.000153669	0.010489143	30.47842317	16.4040569	Suprabasal	SOX2
NECTIN2	0.701897768	0.000250281	0.012455402	33.17085744	15.91725556	Basal	SOX2
XPO7	0.701674727	0.012681065	0.033478436	17.37725907	6.268661514	Superficial	SOX2
MUS81	0.701670445	0.008904627	0.025990329	10.32278069	4.818304548	Superficial	SOX2
YRDC	0.69921272	0.003462059	0.014108599	21.51501832	8.558992813	Superficial	SOX2
BRD1	0.699059598	0.002315114	0.016074975	42.85777072	23.81696503	Suprabasal	SOX2
SEMA4D	0.699049431	0.006166656	0.020290909	29.50955164	12.78839383	Superficial	SOX2
TRUB2	0.698692417	0.017811616	0.043066688	28.49174933	11.26687257	Superficial	SOX2
SEC63	0.698476952	0.012681065	0.033478436	36.80728048	14.45232384	Superficial	SOX2
ATP5F1D	0.698358337	0.007423146	0.022959455	82.5012794	63.14211755	Superficial	SOX2
AJUBA	0.697980755	0.015054848	0.048140298	24.81183555	12.03369669	Suprabasal	SOX2
RWDD4	0.696870545	0.000401828	0.007176147	51.77094435	24.11983066	Superficial	SOX2
NACC1	0.696463116	0.000506425	0.012898798	20.19965077	9.054914034	Basal	SOX2
FLNA	0.695574276	0.001883197	0.018415354	68.91808084	43.431091	Basal	SOX2
SHROOM3	0.695335913	0.007423146	0.036548425	9.574191785	3.812745015	Basal	SOX2 + KLF5, SOX2
SLTM	0.695313462	0.000506425	0.007178523	63.31126801	31.76210791	Superficial	SOX2
SCAPER	0.694072236	0.007423146	0.022959455	27.74667976	10.29388181	Superficial	SOX2
MON1B	0.693303248	0.006166656	0.020290909	27.61617344	11.3071686	Superficial	SOX2
NPC1	0.692962549	0.004211401	0.027185186	15.36013339	6.703777517	Basal	SOX2
TAX1BP3	0.692447302	0.005105016	0.018023407	78.13399476	51.10089037	Superficial	SOX2
SGMS1	0.691297817	0.000635975	0.010730365	29.86271925	15.19705323	Suprabasal	SOX2 + KLF5
SDC4	0.690969578	0.001883197	0.018415354	63.26780819	36.20162181	Basal	SOX2
RING1	0.690902998	0.002836074	0.012662188	22.65387288	9.21827708	Superficial	SOX2
SUSD4	0.688905232	0.006166656	0.020290909	48.73984961	21.34803969	Superficial	KLF5, SOX2
POLR3D	0.687357327	0.003462059	0.014108599	20.8707821	7.43613414	Superficial	SOX2
PSMB4	0.685299892	0.001526458	0.009387421	58.61299947	27.96010638	Superficial	SOX2
HSPB1	0.684800626	0.012681065	0.033478436	98.45290194	93.43259814	Superficial	SOX2
EGFR	0.684370469	0.010644787	0.029507311	41.9502083	15.63246924	Superficial	SOX2
GTF3C1	0.683517925	0.004211401	0.016013117	60.9092851	33.78517881	Superficial	SOX2
ADGRL2	0.683192397	0.008904627	0.040392504	10.7417921	4.139408272	Basal	SOX2
HDAC4	0.682748232	0.015054848	0.038009884	13.30421243	4.220842783	Superficial	SOX2
CEP55	0.682070144	0.001232925	0.015721789	33.14551567	19.35039483	Basal	SOX2
ASH2L	0.681737225	0.001883197	0.010234018	23.09281134	8.409669845	Superficial	SOX2
USP37	0.681305269	0.000992312	0.01142308	15.85613317	8.095477402	Suprabasal	SOX2
COBL	0.681239795	0.015054848	0.038009884	31.42195234	12.03903453	Superficial	SOX2

CDC42SE2	0.679917135	0.017811616	0.043066688	13.52002582	5.114852508	Superficial	SOX2
LSM14B	0.678316094	0.012681065	0.033478436	21.66978744	8.709179062	Superficial	SOX2
KLHL21	0.677983908	0.000401828	0.012455402	38.21633848	18.43710045	Basal	SOX2
CASP7	0.677572835	0.004211401	0.021879278	32.86386227	16.70000183	Suprabasal	SOX2
CCSAP	0.675473422	0.000250281	0.012455402	15.54470514	7.578541078	Basal	SOX2
BRI3BP	0.675241931	0.017811616	0.043066688	27.70199565	10.31740369	Superficial	SOX2
ELP3	0.674993585	0.007423146	0.022959455	12.44484451	4.645805987	Superficial	SOX2
XPNPEP1	0.673875063	0.012681065	0.033478436	22.6153257	8.807703763	Superficial	SOX2
TSPAN31	0.673329211	0.007423146	0.022959455	32.32370625	14.57475959	Superficial	SOX2
GATAD1	0.672889383	9.30E-05	0.007176147	33.34992132	13.42729982	Superficial	SOX2
SBNO1	0.67149385	0.001232925	0.008679903	39.14640306	15.55429681	Superficial	SOX2
TTC23	0.670929937	0.004211401	0.016013117	11.357851	5.074134562	Superficial	SOX2
TBRG1	0.670360458	9.30E-05	0.007176147	35.02731125	14.25893381	Superficial	SOX2
MYO1D	0.670223138	0.001883197	0.01234018	48.98233231	23.24023778	Superficial	SOX2
AGAP3	0.669761063	0.001232925	0.008679903	41.32602591	18.75107029	Superficial	SOX2
DAXX	0.668789997	0.003462059	0.014108599	30.21577035	12.06403782	Superficial	SOX2
YKT6	0.668035629	0.001526458	0.016792744	26.64004822	12.79324033	Basal	SOX2
CDK17	0.668015169	0.003462059	0.019729589	16.41360549	8.270330179	Suprabasal	SOX2
MAL2	0.666971971	0.000992312	0.014320968	67.6656544	46.069602	Basal	SOX2, SOX2 + KLF5
LGALS8	0.666036557	0.005105016	0.018023407	31.07031235	15.28461671	Superficial	SOX2
SLC44A2	0.665545253	0.007423146	0.022959455	61.18924802	32.86938981	Superficial	SOX2
ZBTB17	0.665396487	0.000795824	0.007615337	15.53672061	6.058259512	Superficial	SOX2
RABAC1	0.665008765	0.006166656	0.020290909	73.60564023	45.0711054	Superficial	SOX2
TNFRSF10B	0.663928537	0.012681065	0.042921737	8.142564324	4.107895104	Suprabasal	SOX2
PHF10	0.663225937	0.001232925	0.012246384	57.30647754	35.85848239	Suprabasal	SOX2
SEC62	0.662496138	0.007423146	0.022959455	75.34348824	48.12215296	Superficial	KLF5
CDC25A	0.662365282	0.003462059	0.024854712	11.09681846	5.301737689	Basal	SOX2
JOSD2	0.661599184	0.001883197	0.010234018	65.70995211	35.94558676	Superficial	SOX2
TAF6	0.661561026	0.001526458	0.009387421	16.25357545	6.858573155	Superficial	SOX2
PSMC2	0.661474033	0.008904627	0.025990329	48.13192169	20.69490945	Superficial	SOX2
INTS10	0.661149836	0.021001058	0.04834985	25.09640797	9.976829546	Superficial	SOX2
NUP50	0.660882124	0.010644787	0.038255467	53.95810736	32.51693783	Suprabasal	SOX2
B3GNT2	0.659308899	0.015054848	0.038009884	48.76608833	22.08346533	Superficial	SOX2 + KLF5, SOX2
TEAD4	0.65922919	0.000795824	0.0136425	17.22245281	8.132829946	Basal	SOX2
MIDN	0.658466962	0.010644787	0.029507311	76.35570508	51.43854435	Superficial	SOX2
IL13RA1	0.658415331	0.000506425	0.012898798	29.98096386	15.03877761	Basal	SOX2
PRR14L	0.658376186	0.000506425	0.007178523	42.93223762	17.25211076	Superficial	SOX2
AARS2	0.658110216	0.010644787	0.029507311	10.38037111	3.661738738	Superficial	SOX2
LRP6	0.656261512	0.001883197	0.014679007	10.47197382	5.225409838	Suprabasal	SOX2
SLC2A1	0.655554397	0.007423146	0.022959455	54.5759334	27.05487701	Superficial	SOX2
RBMXL1	0.655488128	0.021001058	0.04834985	21.07186616	8.056498063	Superficial	SOX2
ARHGEF3	0.655422067	0.005105016	0.018023407	22.4596444	8.620999995	Superficial	SOX2
TPP2	0.654015025	0.004211401	0.016013117	29.24394806	12.0423832	Superficial	SOX2
AKAP11	0.653966626	0.017811616	0.043066688	21.36105886	7.919796639	Superficial	SOX2
MYO6	0.653027843	0.001526458	0.016792744	43.91930761	23.10721262	Basal	SOX2
PHF6	0.652696533	0.005105016	0.018023407	25.04223587	10.11666217	Superficial	SOX2
MAFK	0.650414578	0.010644787	0.044687249	14.57536945	6.225943242	Basal	SOX2
LLGL2	0.649878814	0.000401828	0.012455402	35.39044093	19.03596924	Basal	SOX2
ZNF146	0.649786015	0.021001058	0.04834985	16.61304701	5.79814609	Superficial	SOX2
SLC9A3R1	0.649284456	0.000317696	0.012455402	70.56397011	47.30720979	Basal	SOX2
COPB1	0.649171708	0.000635975	0.007274975	59.26939583	29.49107963	Superficial	SOX2
CXXC5	0.649012341	0.000635975	0.012925379	21.53093653	10.79801587	Basal	SOX2
NFIA	0.64874555	0.002836074	0.012662188	53.7574233	26.49796931	Superficial	SOX2
SNAI2	0.648425085	0.015054848	0.048140298	12.43176037	6.318331755	Suprabasal	SOX2
PIP4K2C	0.648192568	0.000401828	0.012455402	18.10247521	8.037186698	Basal	SOX2
ILVBL	0.648089774	0.021001058	0.04834985	48.24008432	20.1881239	Superficial	SOX2 + KLF5, SOX2
PRKD2	0.647914132	0.000992312	0.014320968	23.08315078	10.53299073	Basal	SOX2
GRHL1	0.647828984	0.002315114	0.020052792	17.11618921	8.766363269	Basal	SOX2
CTR9	0.647808145	0.001883197	0.010234018	46.14068978	21.288081	Superficial	SOX2
MRPS5	0.647420793	0.000795824	0.007615337	49.35732999	23.18354163	Superficial	SOX2
GCH1	0.647126938	0.002836074	0.022562695	14.58129743	6.129531195	Basal	SOX2
DNAJC2	0.646987291	0.021001058	0.04834985	25.67749226	9.788446462	Superficial	SOX2
CRTC2	0.646003988	0.004211401	0.027185186	14.0923151	5.928055588	Basal	SOX2
BCL7C	0.64482131	0.007423146	0.022959455	43.10442673	18.3022768	Superficial	SOX2
KLF16	0.644492518	0.010644787	0.044687249	26.12696008	12.3925702	Basal	SOX2
RWDD1	0.644476403	0.000153669	0.007176147	73.7233654	44.41614732	Superficial	SOX2
REXO1	0.644393123	0.000506425	0.010489143	21.29491628	11.63250148	Suprabasal	SOX2
ALKBH6	0.643264176	0.015054848	0.038009884	8.987903727	4.148990879	Superficial	SOX2
TP53BP2	0.642931517	0.004211401	0.027185186	27.76129219	12.84269071	Basal	SOX2
ETV6	0.642798297	0.001883197	0.014679007	37.04574122	20.39227825	Suprabasal	SOX2
RPAIN	0.640544324	0.002836074	0.012662188	38.56017222	15.87384888	Superficial	SOX2
NPLOC4	0.638617174	0.000635975	0.012925379	29.33666899	14.58457346	Basal	SOX2
CLN6	0.636965297	0.010644787	0.038255467	17.08599633	8.317263013	Suprabasal	SOX2
GDAP1	0.635852454	0.007423146	0.030449933	10.90194566	5.623306424	Suprabasal	SOX2
SEC23IP	0.634659651	0.007423146	0.022959455	22.1392895	8.593233906	Superficial	SOX2
CDR2	0.634532008	0.001883197	0.018415354	10.22859731	4.830933407	Basal	SOX2
B3GNT5	0.634212695	0.010644787	0.029507311	51.9158176	27.30802555	Superficial	SOX2
SPPL2A	0.633852245	0.004211401	0.016013117	43.33985558	18.32567339	Superficial	SOX2
GSK3B	0.633816567	0.000506425	0.007178523	40.39832657	17.8837765	Superficial	SOX2
PUS7L	0.633488025	0.002836074	0.012662188	29.01936478	12.46560073	Superficial	SOX2

LINS1	0.631907647	0.004211401	0.016013117	16.64845294	5.985100765	Superficial	SOX2
APPL2	0.631652725	0.008904627	0.034252903	42.9805544	24.81626319	Suprabasal	SOX2
TACSTD2	0.631602355	0.000795824	0.0136425	98.55844464	89.75262691	Basal	SOX2, KLF5
RALB	0.631027731	0.001526458	0.009387421	66.92308937	38.04879059	Superficial	SOX2
NUS1	0.630748992	0.001526458	0.009387421	26.18152527	10.93146073	Superficial	SOX2
PLEKHG6	0.630732547	0.010644787	0.044687249	10.86442646	4.748218178	Basal	SOX2
CTDP1	0.630691088	0.001883197	0.018415354	12.37768396	5.680913332	Basal	SOX2
HCFC1	0.62946212	0.010644787	0.038255467	25.31814262	13.62847611	Suprabasal	SOX2
TPBG	0.628615415	0.008904627	0.025990329	12.37015338	4.658716986	Superficial	SOX2
PSMD12	0.628161006	0.001883197	0.010234018	60.76021059	32.83275084	Superficial	SOX2
VPS53	0.627854593	0.005105016	0.018023407	31.16917285	11.9110685	Superficial	SOX2
PHRF1	0.627348754	0.000635975	0.010733065	28.08723807	15.10110419	Suprabasal	SOX2
WDFY2	0.627045805	0.001232925	0.008679903	37.26846613	15.89920156	Superficial	SOX2
DDX54	0.626076966	0.015054848	0.038009884	27.37361913	9.95378725	Superficial	SOX2
GNA15	0.625857909	0.001526458	0.016792744	34.12656535	17.38627815	Basal	SOX2
PACS1	0.624993882	0.000635975	0.012925379	32.06671086	15.46331705	Basal	SOX2 + KLF5
KIFAP3	0.624614681	0.010644787	0.029507311	24.60834527	9.675495534	Superficial	SOX2
TMBIM1	0.624550933	0.001883197	0.018415354	47.7802457	26.01769816	Basal	SOX2
RPAP3	0.62447027	0.021001058	0.04834985	22.6548561	8.653170341	Superficial	SOX2
PKIA	0.624035874	0.003462059	0.019729589	17.9108499	9.009216803	Suprabasal	SOX2
TTLL4	0.622221452	0.010644787	0.038255467	6.490223942	3.11242573	Suprabasal	SOX2
TMEM51	0.621004095	0.000506425	0.012898798	13.93565344	6.630753718	Basal	SOX2
CAPN15	0.620456443	0.008904627	0.040392504	15.5871956	6.756952252	Basal	SOX2
TTC39C	0.619828384	0.017811616	0.043066688	15.32945915	7.118245549	Superficial	SOX2 + KLF5
LMNB1	0.619073998	0.001526458	0.016792744	46.9676545	27.82506765	Basal	SOX2
NDST1	0.618998721	0.001232925	0.015721789	16.85826686	7.854229583	Basal	SOX2
HS6ST1	0.618991894	0.002315114	0.016074975	26.59241943	14.78961537	Suprabasal	SOX2 + KLF5, SOX2
NSD2	0.618825078	0.002836074	0.022562695	34.05755097	18.57604866	Basal	SOX2
NDUFA4	0.617621009	0.007423146	0.022959455	87.20515658	75.61760295	Superficial	SOX2 + KLF5
TTL	0.616625565	0.015054848	0.038009884	9.39597726	3.866933503	Superficial	SOX2
SCAF1	0.616556744	0.000401828	0.012455402	26.69961579	12.46298288	Basal	SOX2
LMNA	0.616183225	0.002315114	0.011381143	80.38720529	57.80369745	Superficial	SOX2, SOX2 + KLF5
PARL	0.615975765	0.006166656	0.020290909	34.42614282	14.25106949	Superficial	SOX2
CBX4	0.614355706	0.006166656	0.032981404	24.91951176	12.4972595	Basal	SOX2
BRWD3	0.613658138	0.008904627	0.025990329	34.96651289	13.44089262	Superficial	SOX2
RIN2	0.613619312	0.003462059	0.019729589	48.89795167	27.70980442	Suprabasal	SOX2 + KLF5
AXIN1	0.613476955	9.30E-05	0.010489143	14.62137054	7.716630072	Suprabasal	SOX2
JUN	0.612848095	0.010644787	0.029507311	77.53502385	50.74961947	Superficial	SOX2, SOX2 + KLF5
MTOR	0.612490458	0.000119764	0.012455402	22.77006362	11.23841573	Basal	SOX2
PTK7	0.612100471	0.007423146	0.030449933	17.046313	8.949674957	Suprabasal	SOX2
HNRNPU	0.611217861	0.005105016	0.018023407	71.0978732	39.92723052	Superficial	SOX2
ZBTB7A	0.611118396	0.000635975	0.012925379	72.61060878	45.60543903	Basal	SOX2
LMNB2	0.609316573	0.001526458	0.016792744	41.27761467	23.83188838	Basal	SOX2
STAM	0.608060929	0.015054848	0.038009884	33.32040064	13.394693361	Superficial	SOX2
PSPC1	0.607965342	0.006166656	0.020290909	26.2929197	9.608926425	Superficial	SOX2
UBA2	0.607402761	0.004211401	0.016013117	38.70500567	16.10997115	Superficial	SOX2
REEP5	0.606826435	0.001232925	0.008679903	66.34652048	37.75642278	Superficial	SOX2
ST3GAL1	0.606535423	0.017811616	0.043066688	24.29650378	9.987123775	Superficial	SOX2
USP47	0.605353587	0.002836074	0.012662188	45.99539819	18.77180015	Superficial	SOX2
DICER1	0.605163275	0.007423146	0.022959455	54.5955466	26.41130541	Superficial	SOX2
STIL	0.605032204	0.012681065	0.049425568	17.41909562	9.114647452	Basal	SOX2
MEX3C	0.604743821	0.002836074	0.0176927	19.5438782	10.34685587	Suprabasal	SOX2
EBNA1BP2	0.604051292	0.008904627	0.025990329	40.02189028	17.49491332	Superficial	SOX2
PKMYT1	0.603866657	0.005105016	0.029792864	26.85050168	15.06546933	Basal	SOX2
DNTTIP2	0.60369074	0.007423146	0.022959455	38.13670698	15.82482952	Superficial	SOX2
RABEP1	0.603633062	0.002315114	0.011381143	24.08573739	9.127485293	Superficial	SOX2
PSMB2	0.603597338	0.007423146	0.022959455	59.36204562	29.71514402	Superficial	SOX2
ATP11A	0.602712245	0.007423146	0.036548425	16.71750869	7.367259194	Basal	SOX2
HSD17B1	0.602155405	0.004211401	0.016013117	24.56665092	11.3566743	Superficial	SOX2
DDX1	0.601574847	0.008904627	0.025990329	44.5230924	18.97647767	Superficial	SOX2
CCDC43	0.601502898	0.012681065	0.033478436	28.05317601	11.88733009	Superficial	SOX2
F11R	0.601020271	0.001526458	0.016792744	63.0512991	36.17533407	Basal	SOX2
RRM2	0.600475257	0.010644787	0.044687249	39.28345524	25.80666442	Basal	SOX2
ZNF367	0.600262693	0.000317696	0.012455402	15.13660037	7.800981888	Basal	SOX2
IMP3	0.60004906	0.006166656	0.020290909	64.98953505	33.25115252	Superficial	SOX2
FUT2	0.599158969	0.010644787	0.044687249	11.62944402	5.532194569	Basal	SOX2
DAAM1	0.599154339	0.000992312	0.008042817	76.38738117	49.14984258	Superficial	SOX2
SYPL1	0.598514626	0.008904627	0.025990329	76.69146901	50.8731247	Superficial	SOX2
PDIA6	0.598308542	0.021001058	0.04834985	67.6873498	34.83698894	Superficial	SOX2
FRMD8	0.598257819	0.003462059	0.024854712	21.81927065	10.05410138	Basal	SOX2
ZNF286A	0.598000696	0.002315114	0.016074975	10.4340277	5.156451451	Suprabasal	SOX2
DDX5	0.596734835	0.002315114	0.011381143	80.40466764	53.89941309	Superficial	SOX2
BRD3	0.596508411	0.001883197	0.014679007	26.70160161	14.51964849	Suprabasal	SOX2
BACE2	0.594567261	0.005105016	0.029792864	44.63772598	24.73032218	Basal	SOX2 + KLF5
TNIP1	0.594212161	0.000635975	0.012925379	39.40134427	20.60852556	Basal	SOX2 + KLF5
PALB2	0.593794395	0.002836074	0.0176927	16.12236284	8.209849083	Suprabasal	SOX2
KLHL2	0.592070357	0.000795824	0.0136425	12.37145745	5.614726525	Basal	SOX2
KMT5A	0.59128364	0.006166656	0.020290909	65.0270615	35.7780276	Superficial	SOX2
FBXO45	0.588969119	0.017811616	0.043066688	19.16361532	8.241544775	Superficial	SOX2
S100PBP	0.588772465	0.003462059	0.019729589	15.51095779	7.592054591	Suprabasal	SOX2

DDB1	0.588606432	0.021001058	0.04834985	36.33819273	15.45625643	Superficial	SOX2
CCDC25	0.587148492	0.021001058	0.04834985	47.68870804	21.05364584	Superficial	SOX2
DGKZ	0.587067796	0.002836074	0.0176927	30.55586994	17.20076353	Suprabasal	SOX2
KLF6	0.586976239	0.001526458	0.009387421	83.35824169	60.69685533	Superficial	SOX2
CEBPD	0.585393294	0.004211401	0.021879278	85.52303744	65.28861982	Suprabasal	SOX2
ANKRD9	0.584905296	0.005105016	0.029792864	35.83613769	18.98583165	Basal	SOX2
SPAST	0.584604471	0.017811616	0.043066688	24.12051452	10.02080618	Superficial	SOX2
NTSC3B	0.584186592	0.021001058	0.04834985	18.38476757	7.533026674	Superficial	SOX2
CDC123	0.583905789	0.010644787	0.029507311	42.59845803	18.30831463	Superficial	SOX2
ADAM10	0.583902874	0.012681065	0.049425568	46.92135914	25.26441665	Basal	SOX2
TBCB	0.583533491	0.005105016	0.018023407	57.99479646	30.40976353	Superficial	SOX2
TTC9	0.583380961	0.012681065	0.049425568	20.57073371	10.38099781	Basal	SOX2
HMCES	0.583210817	0.002836074	0.012662188	35.52203737	16.2197152	Superficial	SOX2
PEX11B	0.583019182	0.015054848	0.038009884	23.01143191	9.454768488	Superficial	SOX2
RABGAP1	0.582347637	0.012681065	0.033478436	52.92135628	25.18508645	Superficial	SOX2
PAIP2B	0.580739387	0.021001058	0.04834985	44.41576247	20.3766825	Superficial	SOX2 + KLF5, SOX2
CHD2	0.580357251	0.000795824	0.010838271	54.26481291	33.87147191	Suprabasal	SOX2
MYO1C	0.579266015	0.004211401	0.027185186	50.3517943	28.31410955	Basal	SOX2
ACOT7	0.579261072	0.017811616	0.043066688	21.06320546	8.444328094	Superficial	SOX2
ORC1	0.578777928	0.006166656	0.032981404	13.08983666	6.574679554	Basal	SOX2
GNL3L	0.577846754	0.012681065	0.042921737	27.7323956	15.59629515	Suprabasal	SOX2
MICALL2	0.577590978	0.000795824	0.0136425	24.54449984	12.34438818	Basal	SOX2
CDC5L	0.577367904	0.010644787	0.029507311	46.85050398	20.28831503	Superficial	SOX2
ZNF503	0.575857212	0.010644787	0.029507311	27.20047124	12.22366228	Superficial	SOX2
MYO5B	0.575610396	0.001883197	0.018415354	12.41517352	5.794956349	Basal	SOX2
SHPK	0.574491073	0.008904627	0.025990329	9.471988201	3.753573693	Superficial	SOX2
BZW2	0.57447235	0.017811616	0.043066688	40.84455152	16.52980784	Superficial	SOX2
SPPL3	0.573634654	0.003462059	0.014108599	47.28374064	22.03450031	Superficial	SOX2 + KLF5, SOX2
CUL3	0.573016092	0.000401828	0.012455402	59.14956542	35.1104698	Basal	SOX2
RTN4R	0.573006335	0.010644787	0.044687249	10.07206455	4.963485412	Basal	SOX2
KATNA1	0.572676717	0.002502581	0.007176147	25.18839815	11.23271671	Superficial	SOX2
CHFR	0.572376262	0.005105016	0.029792864	15.92621312	7.523139889	Basal	SOX2
ABCB10	0.571942293	0.004211401	0.027185186	15.32551643	7.592237018	Basal	SOX2
TSTD2	0.571866552	0.017811616	0.043066688	10.47451837	4.636528888	Superficial	SOX2
STK11	0.570912857	0.004211401	0.027185186	39.54364401	21.58271748	Basal	SOX2
CNOT6	0.570895163	0.010644787	0.029507311	27.29005571	10.21974886	Superficial	SOX2
SMARCC1	0.570863674	0.010644787	0.029507311	41.37989477	19.06307239	Superficial	SOX2
STRBP	0.570780625	0.002315114	0.011381143	59.67198685	30.93992246	Superficial	SOX2
ATXN7L3	0.569461391	0.000635975	0.012925379	22.89580349	10.95539312	Basal	SOX2
MAP3K1	0.569441306	0.015054848	0.038009884	45.13891115	19.58848491	Superficial	SOX2
KLF10	0.568633025	0.008904627	0.034252903	36.85873202	21.70693085	Suprabasal	SOX2
MYLIP	0.568414442	0.001232925	0.012246384	41.7823653	24.48742287	Suprabasal	SOX2
PDXK	0.567977931	0.000992312	0.014320968	57.7535651	33.79410889	Basal	SOX2
ZMMY1	0.567738358	0.000506425	0.010489143	25.27509558	13.49142163	Suprabasal	SOX2
UBLCP1	0.566918222	0.004211401	0.016013117	39.65019314	17.19327528	Superficial	SOX2
MYBPP1A	0.56688332	0.003462059	0.024854712	22.06185652	10.56027538	Basal	SOX2
FBRSL1	0.566139832	0.003462059	0.024854712	23.29403516	10.99696911	Basal	SOX2
OPA1	0.565910951	0.015054848	0.038009884	40.1444524	16.26258589	Superficial	SOX2
MCM4	0.565800435	0.003462059	0.024854712	57.40336068	35.47954179	Basal	SOX2
PLAGL2	0.565398167	0.008904627	0.040392504	19.64283433	9.125336889	Basal	SOX2
TNFAIP8L1	0.564537093	0.007423146	0.036548425	18.10017498	10.5457503	Basal	SOX2
LARS2	0.563555094	0.006166656	0.032981404	12.02626978	5.845680963	Basal	SOX2
ALYREF	0.563301502	0.021001058	0.04834985	41.48176973	18.83980691	Superficial	SOX2
LRP10	0.563132611	0.000153669	0.012455402	60.99423501	37.67474411	Basal	SOX2
SLC12A2	0.562474231	0.003462059	0.019729589	10.77812199	5.408597712	Suprabasal	SOX2
DDR1	0.562373943	0.000795824	0.010838271	68.0993919	45.28934753	Suprabasal	SOX2
CNOT3	0.561689481	0.000992312	0.01142308	28.71801011	17.27564704	Suprabasal	SOX2
NUP188	0.561464204	0.002836074	0.022562695	30.2577921	15.1332891	Basal	SOX2
RGP1	0.560445385	0.003462059	0.019729589	13.42346619	7.532436965	Suprabasal	SOX2
ZNF768	0.559538288	0.001883197	0.014679007	12.46714038	6.490597492	Suprabasal	SOX2
INTS1	0.55918513	0.006166656	0.032981404	30.3120082	16.19867459	Basal	SOX2
BAP1	0.558420415	0.015054848	0.048140298	30.97902085	18.53894319	Suprabasal	SOX2
USP25	0.557295031	0.000196466	0.012455402	29.0726618	14.66598057	Basal	SOX2
GUF1	0.5567556	0.007423146	0.022959455	23.83669527	8.827857569	Superficial	SOX2
FAF2	0.556593152	0.001526458	0.009387421	36.29272897	14.54763219	Superficial	SOX2
EGFL6	0.556147345	0.006166656	0.027303057	33.72800327	18.89160666	Suprabasal	SOX2
ATP13A2	0.555814137	0.000401828	0.012455402	17.53077521	9.000378518	Basal	SOX2
RAB27B	0.555355604	0.002315114	0.011381143	59.79240219	31.73912783	Superficial	SOX2, SOX2 + KLF5
XPO5	0.554728734	0.015054848	0.038009884	12.41895402	4.453709417	Superficial	SOX2
TARBP1	0.553824775	0.003462059	0.019729589	19.92559264	11.6501114	Suprabasal	SOX2
RRP12	0.553439503	0.001232925	0.015721789	12.13356295	5.922857206	Basal	SOX2 + KLF5, SOX2
MCM2	0.553145931	0.008904627	0.040392504	26.87734726	14.5281405	Basal	SOX2
TES	0.551859738	0.006166656	0.020290909	40.8340672	18.31834669	Superficial	SOX2
SLC25A10	0.551805139	0.010644787	0.044687249	38.67628151	21.72036806	Basal	SOX2 + KLF5, SOX2
TMEM33	0.550352753	0.003462059	0.014108599	43.15784579	21.71450811	Superficial	SOX2
ECD	0.549038951	0.017811616	0.043066688	19.31874557	9.430919656	Superficial	SOX2
TBCD	0.548662953	0.003462059	0.024854712	27.13218841	14.47561619	Basal	SOX2
JUP	0.54864085	0.000795824	0.0136425	86.39745245	66.15826609	Basal	SOX2, SOX2 + KLF5
FAM102A	0.547362144	0.000635975	0.012925379	31.91566041	16.70012751	Basal	SOX2
TRIP12	0.545203053	0.007423146	0.036548425	49.7497347	27.85387132	Basal	SOX2

ATP6V0A2	0.544362438	0.015054848	0.048140298	13.39822462	7.244591033	Suprabasal	SOX2
SYTL1	0.544315471	0.021001058	0.04834985	73.97048156	45.83813186	Superficial	SOX2
HNRNPM	0.543720788	0.012681065	0.033478436	63.11040245	32.54516521	Superficial	SOX2
ELF3	0.54136574	0.012681065	0.049425568	56.54352937	38.3781648	Basal	SOX2, KLF5, SOX2 + KLF5
ERBB3	0.541330501	0.000795824	0.0136425	42.43033253	24.05521405	Basal	SOX2
KLC2	0.54054988	0.004211401	0.021879278	11.36024429	6.507917261	Suprabasal	SOX2
CBFB	0.539190443	0.001526458	0.016792744	30.44720682	14.98475264	Basal	SOX2
MICALL1	0.53903016	0.001526458	0.016792744	26.62948582	13.60714347	Basal	SOX2, KLF5
ATP13A3	0.538620588	0.006166656	0.032981404	33.65402979	16.85817377	Basal	SOX2
BMP2K	0.5381026	0.010644787	0.029507311	30.86873589	12.87664539	Superficial	SOX2
IRAK1	0.538095381	0.002315114	0.020052792	38.96317903	21.4747565	Basal	SOX2
TM7SF3	0.537123275	0.003462059	0.014108599	39.04521885	18.4880171	Superficial	SOX2
PSMB3	0.535779065	0.002315114	0.011381143	73.69962452	44.93950696	Superficial	SOX2
CRYBG2	0.535424694	0.003462059	0.024854712	13.47297953	6.898201952	Basal	KLF5
SOD2	0.535167327	0.008904627	0.040392504	74.53929203	49.21507383	Basal	SOX2
SNN	0.534874669	0.000401828	0.012455402	12.75407637	6.481786994	Basal	SOX2
CWC27	0.534707173	0.004211401	0.016013117	26.12936858	11.5878165	Superficial	SOX2
ARSJ	0.533709462	0.012681065	0.042921737	7.698190606	3.763901651	Suprabasal	SOX2
NUDT3	0.533337388	0.012681065	0.033478436	25.04808303	9.578946621	Superficial	SOX2
ANKRD52	0.53277344	0.004211401	0.021879278	10.11138008	5.40810124	Suprabasal	SOX2
S100A11	0.532661764	0.004211401	0.027185186	99.86119542	98.82193269	Basal	SOX2
CNOT11	0.5325964	0.002315114	0.011381143	38.1402724	17.44697014	Superficial	SOX2
CUL2	0.532346494	0.012681065	0.033478436	31.02835804	13.27069577	Superficial	SOX2
EIF2S1	0.532152229	0.006166656	0.020290909	47.45304071	21.71808627	Superficial	SOX2
ERCC6	0.531874264	0.002836074	0.0176927	24.24188941	14.03843851	Suprabasal	SOX2
NKAP	0.531109713	0.002315114	0.011381143	36.56583353	15.56036051	Superficial	SOX2
ITPKB	0.530289527	0.004211401	0.021879278	8.021108444	4.822059891	Suprabasal	SOX2
TGOLN2	0.529440537	0.006166656	0.020290909	45.81425303	23.33559263	Superficial	SOX2
TRIP10	0.527179997	0.000795824	0.0136425	26.74185502	13.52408073	Basal	SOX2 + KLF5
WAPL	0.527163417	0.017811616	0.043066688	45.72441968	20.94921423	Superficial	SOX2
ANLN	0.526250833	0.008904627	0.040392504	36.530004	22.85027331	Basal	SOX2
ANXA1	0.526354665	0.010644787	0.044687249	99.04728296	97.15687469	Basal	SOX2 + KLF5, SOX2
CTNNA1	0.525896828	0.002315114	0.020052792	77.18314236	53.75795767	Basal	SOX2
NXN	0.52540313	0.012681065	0.042921737	43.88886404	24.88549412	Suprabasal	SOX2
KLHL8	0.523147525	0.010644787	0.038255467	15.65540226	8.980403041	Suprabasal	SOX2 + KLF5
JAG1	0.522042648	0.002836074	0.022562695	60.931408	37.7428955	Basal	SOX2, SOX2 + KLF5
CHD7	0.521984316	0.007423146	0.022959455	33.38086425	14.66102246	Superficial	SOX2
RAD23A	0.521616714	0.010644787	0.029507311	49.6591592	21.30608421	Superficial	SOX2
ACBD3	0.521467682	0.001526458	0.013290882	80.56801461	59.80486031	Suprabasal	SOX2
NUMA1	0.521181726	0.005105016	0.029792864	53.1244713	30.20781378	Basal	SOX2
ATRIP	0.520900406	0.002315114	0.020052792	14.17842467	7.484290553	Basal	SOX2
NFATC2IP	0.52049701	0.012681065	0.033478436	26.51865935	10.89065796	Superficial	SOX2
GRSF1	0.519672061	0.000506425	0.007178523	47.21126079	22.01541314	Superficial	SOX2
ARID2	0.518042147	0.015054848	0.038009884	26.3492912	11.03379219	Superficial	SOX2
CUEDC1	0.517765462	0.002315114	0.020052792	16.95961156	8.258408028	Basal	SOX2
KLF3	0.517679593	0.007423146	0.030449933	83.92570547	65.51864617	Suprabasal	SOX2 + KLF5
MTRF1L	0.51714331	0.010644787	0.029507311	27.58706894	13.04922908	Superficial	SOX2
ELP4	0.516927801	0.010644787	0.029507311	14.78220504	6.588135394	Superficial	SOX2
CDC42EP5	0.515557091	0.008904627	0.040392504	51.64386602	28.76256482	Basal	SOX2
RFWD3	0.515309713	0.004211401	0.021879278	11.70454255	6.736320405	Suprabasal	SOX2
AQR	0.514022203	0.015054848	0.038009884	31.19422048	12.82419177	Superficial	SOX2
SDE2	0.512741406	0.006166656	0.027303057	23.7675373	12.72793341	Suprabasal	SOX2
PNKP	0.511632792	0.008904627	0.025990329	23.42211961	10.10092883	Superficial	SOX2
UPF1	0.511286401	0.003462059	0.024854712	37.07981162	19.42343512	Basal	SOX2
PTK6	0.510135249	0.012681065	0.049425568	19.27144799	9.872191405	Basal	SOX2
USP6NL	0.509593969	0.008904627	0.040392504	17.68897498	8.50089317	Basal	SOX2
MPZL1	0.508728407	0.008904627	0.025990329	43.3369847	22.76864965	Superficial	SOX2 + KLF5, SOX2
BUB3	0.508714222	0.007423146	0.022959455	45.69659583	21.03149772	Superficial	SOX2
PURA	0.507065933	0.000401828	0.007176147	44.46355188	21.71574662	Superficial	SOX2
FRS2	0.506244634	0.021001058	0.04834985	18.7799487	7.366259053	Superficial	SOX2
FRMD6	0.505534122	0.002315114	0.011381143	72.31695849	41.61355295	Superficial	SOX2
CCND1	0.505169811	0.021001058	0.04834985	55.07589057	29.22761701	Superficial	SOX2
GNB2	0.50420714	0.005105016	0.029792864	78.3157134	55.61594237	Basal	SOX2
SH2B1	0.503568083	0.015054848	0.048140298	17.07369447	9.923961829	Suprabasal	SOX2
ASPH	0.501403718	0.004211401	0.021879278	70.82171402	48.84771551	Suprabasal	SOX2
PPP6R1	0.5009654	0.001232925	0.015721789	29.47347937	15.12279427	Basal	SOX2
NAPG	0.499670728	0.003462059	0.014108599	57.91755322	29.49803192	Superficial	SOX2
MNAT1	0.499035232	0.001526458	0.009387421	33.82642552	15.08818925	Superficial	SOX2
HNRNPA2B1	0.497371459	0.015054848	0.038009884	74.51684124	46.06121545	Superficial	SOX2
CEP44	0.497034882	0.021001058	0.04834985	13.30912046	5.031562544	Superficial	SOX2
FAM11A	0.496459518	0.005105016	0.024262694	17.72632172	10.20689672	Suprabasal	SOX2
GUCD1	0.49643982	0.001883197	0.018415354	31.74971695	16.31569375	Basal	SOX2
CLUAP1	0.496336728	0.008904627	0.034252903	21.28641366	11.54826649	Suprabasal	SOX2
KCTD3	0.494652574	0.000992312	0.014320968	39.57678112	21.59878832	Basal	SOX2
SAP30	0.493979071	0.007423146	0.036548425	45.00566094	26.41014799	Basal	SOX2
HNRNPR	0.491063799	0.017811616	0.043066688	47.55427304	22.21570082	Superficial	SOX2
NRDC	0.490991214	0.021001058	0.04834985	55.72038228	30.60547076	Superficial	SOX2
TRIM33	0.489450207	0.017811616	0.043066688	39.7606089	17.51831737	Superficial	SOX2 + KLF5, SOX2
SEC61A1	0.488628097	0.015054848	0.038009884	45.15063283	22.414793	Superficial	SOX2
WDHD1	0.488116912	0.001526458	0.016792744	24.01800884	13.26388537	Basal	SOX2

SPAG9	0.48675745	0.000795824	0.0136425	51.34410616	30.18405598 Basal	SOX2
SEC14L2	0.486212927	0.001883197	0.018415354	12.00086909	5.227538256 Basal	SOX2
MRPS31	0.486202719	0.017811616	0.043066688	38.70154943	17.3136704 Superficial	SOX2
BDKRB2	0.485062961	0.006166656	0.032981404	17.36183794	8.801648887 Basal	SOX2
SRPK2	0.482498645	0.003462059	0.014108599	44.41141015	20.7636501 Superficial	SOX2
PSMA1	0.482165624	0.008904627	0.025990329	65.97719582	36.27990299 Superficial	SOX2
TPGS1	0.481782703	0.017811616	0.043066688	41.59724017	19.97718233 Superficial	SOX2
CACTIN	0.481764839	0.010644787	0.038255467	9.797951605	5.480509165 Suprabasal	SOX2
CTTN	0.481760114	0.002315114	0.020052792	68.34703483	44.04458385 Basal	SOX2
ZDHHC5	0.481638674	0.002836074	0.022562695	45.41187793	26.26191115 Basal	SOX2
SH3GL1	0.481509796	0.000317696	0.012455402	40.9722635	22.65329046 Basal	SOX2
FMR1	0.481142069	0.005105016	0.024262694	43.2968248	26.86475631 Suprabasal	SOX2
NADK	0.480684707	0.010644787	0.044687249	20.85555924	10.89633778 Basal	SOX2
RALY	0.479004374	0.017811616	0.043066688	71.36994745	45.26189074 Superficial	SOX2
SPECC1	0.478790004	0.010644787	0.044687249	16.64152372	8.452011622 Basal	SOX2
DNAJB14	0.47843695	0.007423146	0.022959455	35.23391723	15.120162 Superficial	SOX2
TRIM16	0.475968725	0.006166656	0.032981404	45.63964355	28.50255283 Basal	SOX2
DVL3	0.475846201	0.000250281	0.010489143	34.21125811	21.10756577 Suprabasal	SOX2
ARMC1	0.474807714	0.008904627	0.025990329	27.30242392	11.60866805 Superficial	SOX2
R3HDM4	0.474476837	0.000992312	0.014320968	34.1889281	18.11556037 Basal	SOX2
TWF1	0.473939191	0.001883197	0.018415354	57.49152249	35.50918611 Basal	SOX2
DENND2D	0.47280977	0.000317696	0.012455402	36.61631128	20.5686023 Basal	SOX2
AHNAK	0.472580773	0.0000992312	0.014320968	94.70051847	83.04168059 Basal	SOX2, SOX2 + KLF5
SIK3	0.471835245	0.003462059	0.024854712	16.02132565	7.698144507 Basal	SOX2
EHD1	0.471129417	0.006166656	0.032981404	18.87141849	9.712745193 Basal	SOX2
SCO1	0.469811368	0.002315114	0.011381143	27.81739673	11.84774497 Superficial	SOX2
RCN1	0.469437498	0.007423146	0.030449933	39.25339792	22.71572912 Suprabasal	SOX2
THUMPD3	0.469358263	0.021001058	0.04834985	30.94173887	12.9790936 Superficial	SOX2
RYK	0.469142284	0.002315114	0.011381143	30.19491679	13.27920261 Superficial	SOX2
PHF20L1	0.468437348	0.007423146	0.022959455	61.30332804	34.85572051 Superficial	SOX2
SHCBP1	0.467838707	0.005105016	0.029792864	22.36528606	12.86186587 Basal	SOX2
DENND1A	0.467812365	0.012681065	0.042921737	6.96267468	4.220814957 Suprabasal	SOX2 + KLF5
PPM1D	0.467316307	0.002836074	0.022562695	13.17120466	6.699147999 Basal	SOX2
ZNF598	0.466855393	0.002315114	0.020052792	20.47352294	10.30751396 Basal	SOX2
PGAP2	0.466709668	0.012681065	0.033478436	35.43820831	16.82219589 Superficial	SOX2
PELP1	0.466601935	0.005105016	0.024262694	27.07148126	15.08417818 Suprabasal	SOX2
MAP4K4	0.464946588	0.002315114	0.020052792	29.0491676	15.70885276 Basal	SOX2
USP22	0.463671294	0.012681065	0.042921737	44.5022348	27.78089775 Suprabasal	SOX2
MGAT4B	0.463578307	0.012681065	0.033478436	63.79064886	35.34931688 Superficial	SOX2
DUSP16	0.463416326	0.010644787	0.044687249	12.4917934	5.563776748 Basal	SOX2
FAAP100	0.462850974	0.003462059	0.024854712	14.96658424	7.878325253 Basal	SOX2
ERICH1	0.462223974	0.015054848	0.038009884	25.89510034	10.06784504 Superficial	SOX2
SLC22A23	0.461757582	0.006166656	0.027303057	39.49224725	24.87529787 Suprabasal	SOX2
STAM2	0.459897509	0.002836074	0.0176927	43.15189679	27.25445502 Suprabasal	SOX2
STRN4	0.459425666	0.000506425	0.012898798	25.0584803	12.69442914 Basal	SOX2
PRKCI	0.459071509	0.012681065	0.042921737	51.41691073	33.04730749 Suprabasal	SOX2
GATAD2A	0.458863107	0.003462059	0.024854712	35.79161866	18.9186545 Basal	SOX2
TMEM68	0.458247895	0.015054848	0.038009884	16.45128655	6.283049534 Superficial	SOX2
EIF5B	0.45771753	0.017811616	0.043066688	63.11019127	36.34802617 Superficial	SOX2
NUP98	0.457010854	0.000992312	0.014320968	32.6907407	17.7336952 Basal	SOX2
DYNC1L12	0.456769397	0.000635975	0.007274975	61.99864339	35.22299681 Superficial	SOX2
CAND1	0.454883616	0.015054848	0.048140298	51.67717794	32.39796423 Suprabasal	SOX2
SEC16A	0.454482179	0.010644787	0.044687249	21.18626829	10.61205209 Basal	SOX2
ADAM17	0.453611455	0.010644787	0.029507311	30.19171051	11.82663939 Superficial	SOX2
THUMPD2	0.45263715	0.021001058	0.04834985	15.97784169	6.56066906 Superficial	SOX2 + KLF5
ACACA	0.452417245	0.008904627	0.040392504	29.6471181	15.65104834 Basal	SOX2
PPP2R5E	0.452064751	0.021001058	0.04834985	55.92045393	30.5051335 Superficial	SOX2
SLK	0.451135179	0.000401828	0.012455402	60.34261778	38.60359737 Basal	SOX2
MOCOS	0.450507041	0.007423146	0.036548425	11.66780025	6.100869399 Basal	SOX2
TCOF1	0.449688868	0.001526458	0.016792744	41.03802722	24.1069045 Basal	SOX2
PANX1	0.449051913	0.012681065	0.049425568	9.645531418	4.874082636 Basal	SOX2
ZFP90	0.448202743	0.002315114	0.016074975	15.3130742	8.801039518 Suprabasal	SOX2
FBXO46	0.447624189	0.000992312	0.014320968	16.59204452	8.127326468 Basal	SOX2
STRN	0.447432023	0.010644787	0.044687249	38.84829394	21.44867213 Basal	SOX2
NOL6	0.446672582	0.010644787	0.044687249	13.11910862	6.729699791 Basal	SOX2
MDN1	0.446383845	0.005105016	0.029792864	24.44692351	12.62374257 Basal	SOX2
CNN2	0.445861687	0.006166656	0.032981404	56.8142339	32.70563775 Basal	SOX2
ADA	0.445206613	0.005105016	0.029792864	22.03751847	11.78920222 Basal	SOX2
FBRS	0.444705702	0.012681065	0.049425568	30.07899109	15.75416998 Basal	SOX2
STON2	0.443577293	0.008904627	0.034252903	31.50370257	18.35266099 Suprabasal	SOX2
ACOX1	0.442951284	0.004211401	0.027185186	30.32328526	15.83888351 Basal	SOX2 + KLF5
NEDD1	0.442021252	0.008904627	0.034252903	14.81115727	7.965198757 Suprabasal	SOX2
ARAF	0.44188733	0.001883197	0.018415354	23.96647628	12.83259466 Basal	SOX2
GTF3C4	0.438299723	0.010644787	0.038255467	20.14127445	12.16362485 Suprabasal	SOX2
ARMT1	0.437711806	0.010644787	0.029507311	27.61166468	11.64950814 Superficial	SOX2
ZNF513	0.437149719	0.002836074	0.0176927	13.08879921	8.269687283 Suprabasal	SOX2
GPC1	0.4335995	0.005105016	0.024262694	58.84720048	40.39056084 Suprabasal	SOX2
PLS1	0.433501833	0.007423146	0.036548425	23.59769785	12.01671039 Basal	SOX2 + KLF5
TOPBP1	0.432977178	0.003462059	0.019729589	26.22138818	15.40008064 Suprabasal	SOX2
CTSB	0.43282805	0.002315114	0.020052792	79.26851537	55.67357313 Basal	SOX2

CRABP2	0.432650393	0.008904627	0.040392504	83.33089204	72.13197537 Basal	SOX2
RAD54L2	0.431128164	0.006166656	0.027303057	13.54171258	7.65361492 Suprabasal	SOX2
PCBP4	0.430029248	0.012681065	0.042921737	12.17578092	7.218205687 Suprabasal	SOX2
SMCHD1	0.429808244	0.006166656	0.027303057	37.02295778	22.63417127 Suprabasal	SOX2
SNX1	0.429491131	0.002315114	0.016074975	63.4365984	43.72910637 Suprabasal	SOX2
DHX32	0.427564306	0.005105016	0.029792864	29.98898918	16.15208417 Basal	SOX2
PTPN9	0.426795876	0.015054848	0.048140298	12.96039252	7.098054443 Suprabasal	SOX2
SRPRA	0.426396935	0.002315114	0.020052792	47.1307841	26.94631004 Basal	SOX2
MAPRE3	0.426209732	0.012681065	0.042921737	6.598992634	3.77396755 Suprabasal	SOX2
STK24	0.423981945	0.004211401	0.027185186	66.7561237	42.88101471 Basal	SOX2
PPIL4	0.423935678	0.001526458	0.009387421	33.29502682	14.07107106 Superficial	SOX2
HDAC2	0.423736835	0.012681065	0.033478436	46.77046386	22.13070123 Superficial	SOX2
DONSON	0.422694654	0.002315114	0.020052792	18.01339736	10.3784105 Basal	SOX2
ATAD2	0.422335996	0.007423146	0.036548425	52.37566144	34.75413718 Basal	SOX2
EIF4G3	0.421871801	0.012681065	0.033478436	41.23540469	19.80500389 Superficial	SOX2 + KLF5
KIF1B	0.421858334	0.001232925	0.015721789	28.04042735	15.11331966 Basal	SOX2
CSNK1G2	0.421806566	0.001526458	0.016792744	41.06864299	23.48149592 Basal	SOX2
AP1S1	0.421228877	0.015054848	0.038009884	48.96038672	26.48981535 Superficial	SOX2
TAF13	0.420823845	0.007423146	0.036548425	21.98425883	10.86907487 Basal	SOX2
RPRD1B	0.420555262	0.004211401	0.027185186	24.94256673	13.10438258 Basal	SOX2
PSME3	0.419754849	0.003462059	0.024854712	36.95658387	21.39527241 Basal	SOX2
EIF4G2	0.419134212	0.005105016	0.029792864	89.21513224	71.25553618 Basal	SOX2
ABHD17C	0.418557758	0.007423146	0.036548425	29.43653927	15.59754586 Basal	SOX2
BAG3	0.418424075	0.001526458	0.016792744	57.19094076	35.78013283 Basal	SOX2
DCTN1	0.418072859	0.002315114	0.016074975	51.97888715	35.8322889 Suprabasal	SOX2
SOS1	0.416701949	0.004211401	0.021879278	38.80402609	24.64701172 Suprabasal	SOX2
PLD1	0.416621216	0.010644787	0.044687249	26.55414004	14.95657525 Basal	SOX2 + KLF5
CSNK2A2	0.416250629	0.007423146	0.030449933	49.98222445	31.77717767 Suprabasal	SOX2
SIGMAR1	0.415664039	0.010644787	0.044687249	45.53288418	27.00160704 Basal	SOX2
BAIAP2L1	0.414981604	0.000992312	0.014320968	23.04935728	12.37712073 Basal	SOX2, SOX2 + KLF5
RRAGD	0.411940318	0.008904627	0.025990329	53.16936183	28.17200598 Superficial	SOX2
LARP4B	0.411512699	0.015054848	0.048140298	44.28576258	28.30531636 Suprabasal	SOX2
RRP1B	0.411164292	0.000795824	0.010838271	32.97235215	19.66653476 Suprabasal	SOX2
MAPK1	0.410899477	0.005105016	0.029792864	48.74884732	28.8759107 Basal	SOX2
OXSR1	0.410887757	0.012681065	0.049425568	31.81485499	17.55439172 Basal	SOX2
PPP4R3A	0.409837121	0.012681065	0.042921737	46.70037185	29.32635926 Suprabasal	SOX2
ABR	0.40963197	0.008904627	0.040392504	28.23171008	14.95736728 Basal	SOX2 + KLF5
TULP4	0.409453896	0.000992312	0.01142308	35.80588971	22.82858622 Suprabasal	SOX2 + KLF5
DARS2	0.408800324	0.007423146	0.036548425	16.0927049	8.816252156 Basal	SOX2
TULP3	0.40868924	0.004211401	0.021879278	33.2829504	21.53384324 Suprabasal	SOX2 + KLF5, SOX2
RAB6A	0.408482401	0.012681065	0.033478436	64.19851862	38.33939519 Superficial	SOX2
NF2	0.407599037	0.000401828	0.012455402	24.32252414	13.08445788 Basal	SOX2
HNRNPUL1	0.404922839	0.000795824	0.010838271	60.58384221	41.805875 Suprabasal	SOX2
UBE3A	0.404126921	0.008904627	0.025990329	52.68022712	27.47703569 Superficial	SOX2
DNAJC21	0.40361818	0.000992312	0.008042817	59.66645697	34.72447459 Superficial	SOX2 + KLF5, SOX2
CREBBP	0.402571645	0.015054848	0.048140298	39.79409462	25.00942118 Suprabasal	SOX2
SMYD4	0.402425291	0.008904627	0.034252903	7.546562152	4.396569188 Suprabasal	SOX2
FAM204A	0.399857747	0.003462059	0.014108599	44.29048694	20.2946133 Superficial	SOX2
SRBD1	0.399456503	0.007423146	0.030449933	14.79261982	9.197075729 Suprabasal	SOX2
HLA-E	0.399386809	0.002315114	0.020052792	91.46666117	75.79158387 Basal	SOX2
CUL1	0.398192813	0.007423146	0.030449933	40.65802972	25.80310235 Suprabasal	SOX2
PSMA5	0.398145724	0.021001058	0.04834985	65.47278703	39.48031861 Superficial	SOX2
KAT5	0.396068142	0.005105016	0.018023407	28.64432152	13.29728154 Superficial	SOX2
HDLBP	0.394837607	0.000401828	0.012455402	79.95998073	57.10289635 Basal	SOX2
ABC7	0.392337334	0.003462059	0.014108599	21.58574896	8.963636351 Superficial	SOX2
LRRFIP1	0.391779281	0.000401828	0.012455402	76.39416407	54.39210723 Basal	SOX2
CAB39	0.391085547	0.008904627	0.040392504	38.524565533	21.76720296 Basal	SOX2
ZNF740	0.387806449	0.003462059	0.019729589	11.0501489	6.429114307 Suprabasal	SOX2
DNAJC5	0.387002103	0.006166656	0.032981404	30.47029786	16.50597108 Basal	SOX2
VBP1	0.386752618	0.021001058	0.04834985	48.30199504	24.9791918 Superficial	SOX2
VGLL4	0.386286071	0.006166656	0.027303057	69.20123638	49.11019076 Suprabasal	SOX2
PPARD	0.385509275	0.005105016	0.029792864	13.50772511	7.152754309 Basal	SOX2
RAVER2	0.385020215	0.015054848	0.048140298	11.98122369	7.225062747 Suprabasal	SOX2
IQCK	0.384096874	0.015054848	0.048140298	7.59743852	4.233400157 Suprabasal	SOX2
CAP1	0.383283453	0.004211401	0.027185186	70.3820323	48.7778019 Basal	SOX2
PRCC	0.382064623	0.001883197	0.010234018	33.12701812	15.6260195 Superficial	SOX2
SPINT2	0.381507478	0.017811616	0.043066688	89.89260612	77.91907541 Superficial	SOX2
ATP6V1C1	0.38106856	0.004211401	0.021879278	29.29032455	18.23094114 Suprabasal	SOX2
HNRNPDL	0.379637837	0.008904627	0.025990329	66.22805206	39.57404479 Superficial	SOX2
EZH2	0.379576368	0.004211401	0.027185186	40.42867394	25.49765124 Basal	SOX2
ZFP64	0.37948406	0.010644787	0.038255467	12.40083125	7.455865285 Suprabasal	SOX2
GNL1	0.37843941	0.006166656	0.020290909	31.11718831	14.43086912 Superficial	SOX2
CDK12	0.378351456	0.001526458	0.013290882	48.53275386	31.62280627 Suprabasal	SOX2
NCKAP1	0.378170379	0.010644787	0.044687249	58.11956911	37.04242786 Basal	SOX2
ZNF672	0.376681299	0.010644787	0.044687249	19.56555888	10.59380964 Basal	SOX2
POLR2B	0.376363934	0.012681065	0.042921737	41.3802777	24.66201886 Suprabasal	SOX2
GMCL1	0.375873197	0.007423146	0.022959455	31.99316097	14.72130798 Superficial	SOX2
KCTD5	0.375183782	0.004211401	0.027185186	23.89015549	13.41836054 Basal	SOX2
GDE1	0.372793116	0.021001058	0.04834985	46.2836854	23.83445075 Superficial	SOX2
HGS	0.372464258	0.002836074	0.022562695	37.66991891	21.6422198 Basal	SOX2

ACTR1A	0.372227417	0.004211401	0.027185186	36.13204977	21.11663527 Basal	SOX2
SRRT	0.371491622	0.001883197	0.014679007	37.76365529	23.85917939 Suprabasal	SOX2
TCFL5	0.371359147	0.000506425	0.010489143	8.353413253	4.994880006 Suprabasal	SOX2
ASB6	0.367944847	0.003462059	0.024854712	12.57515056	6.43489909 Basal	SOX2
DSN1	0.367401907	0.006166656	0.027303057	14.87864595	9.062953013 Suprabasal	SOX2
KLF5	0.366989473	0.004211401	0.016013117	90.73767968	78.42717769 Superficial	KLF5, SOX2 + KLF5
UBE3B	0.365018038	0.010644787	0.044687249	22.00039008	11.50400949 Basal	SOX2
CLSPN	0.364721605	0.012681065	0.049425568	28.84436189	17.50717111 Basal	SOX2
EIF4ENIF1	0.364297387	0.000635975	0.010733065	22.31296889	13.97106774 Suprabasal	SOX2
C6orf132	0.363808744	0.001232925	0.015721789	47.99793227	30.24246367 Basal	SOX2
TMCC1	0.361299072	0.002836074	0.022562695	15.70166472	8.402344171 Basal	SOX2
SPATS2L	0.360680694	0.000992312	0.01142308	80.43917619	62.40270925 Suprabasal	KLF5
CDC26	0.359851754	0.005105016	0.018023407	53.12997972	29.84803495 Superficial	SOX2
HOOK2	0.359210707	0.021001058	0.04834985	48.76542349	25.87326508 Superficial	SOX2
RASAL2	0.357863099	0.012681065	0.049425568	28.13204675	15.36324284 Basal	SOX2
GALE	0.357551358	0.010644787	0.044687249	38.86560774	23.09276026 Basal	SOX2
MASTL	0.355928529	0.010644787	0.044687249	22.26375576	12.5982032 Basal	SOX2
CUL4A	0.354110326	0.003462059	0.024854712	38.8403561	23.05650822 Basal	SOX2
TMOD3	0.353471008	0.010644787	0.044687249	73.12027102	52.13714682 Basal	SOX2
NUDT4	0.353268938	0.008904627	0.034252903	30.43480114	18.89608606 Suprabasal	SOX2, SOX2 + KLF5
XPO1	0.352059571	0.015054848	0.048140298	60.17473282	39.24143377 Suprabasal	SOX2
ZNF330	0.352054942	0.021001058	0.04834985	33.66922418	16.39634589 Superficial	SOX2
TLK2	0.351292132	0.007423146	0.030449933	37.89732037	23.84071245 Suprabasal	SOX2
LONP1	0.351176435	0.010644787	0.044687249	27.96313576	15.97710597 Basal	SOX2
TADA2A	0.350900882	0.004211401	0.021879278	16.73317655	10.39759773 Suprabasal	SOX2 + KLF5, SOX2
UBAP1	0.348148108	0.012681065	0.049425568	28.3949319	15.61827932 Basal	SOX2
ETF1	0.347930763	0.012681065	0.049425568	64.85346179	43.8817305 Basal	SOX2
SIN3B	0.345189095	0.010644787	0.038255467	21.68181576	14.24138181 Suprabasal	SOX2
EHMT1	0.344749701	0.001232925	0.015721789	34.67135042	19.58732315 Basal	SOX2
NOM1	0.341602586	0.004211401	0.027185186	29.52543453	17.88515075 Basal	SOX2
DCAF7	0.341384602	0.021001058	0.04834985	34.97799652	16.46057478 Superficial	SOX2
HECTD1	0.341197856	0.008904627	0.040392504	55.19918194	35.45256668 Basal	SOX2
ETAA1	0.34086341	0.002836074	0.0176927	18.78995792	11.89426174 Suprabasal	SOX2
FOXK2	0.340257957	0.000635975	0.012925379	28.52080745	15.8799137 Basal	SOX2
MPRIP	0.339903944	0.012681065	0.049425568	29.41008776	16.52158519 Basal	SOX2
ACTN4	0.337577641	0.010644787	0.044687249	82.9768807	62.57568151 Basal	SOX2
UBQLN1	0.337087049	0.007423146	0.036548425	47.23144812	28.48757739 Basal	SOX2
ZNF398	0.335352651	0.012681065	0.049425568	11.78243869	6.596489406 Basal	SOX2
PGRMC2	0.335234595	0.021001058	0.04834985	52.81530241	27.35480933 Superficial	SOX2
BAG6	0.334098072	0.000635975	0.012925379	45.49164076	27.55833727 Basal	SOX2
CD2AP	0.328979616	0.007423146	0.036548425	55.36500458	35.22370908 Basal	SOX2
MARK3	0.328532891	0.001232925	0.015721789	39.36693965	23.67234087 Basal	SOX2
BTBD10	0.324843477	0.012681065	0.049425568	37.09246296	21.95821711 Basal	SOX2
RAF1	0.324610208	0.010644787	0.044687249	37.95147784	22.23152954 Basal	SOX2
SNX9	0.323080903	0.003462059	0.024854712	31.57020056	18.17767224 Basal	SOX2
RNF126	0.321893513	0.012681065	0.049425568	56.94156687	36.51439612 Basal	SOX2
NCAPD3	0.319375719	0.005105016	0.029792864	37.33730953	23.54175813 Basal	SOX2
TPD52L1	0.319203489	0.012681065	0.049425568	70.8735422	49.83127217 Basal	SOX2
TADA2B	0.318377235	0.007423146	0.036548425	11.44702194	6.08819351 Basal	SOX2
RAD21	0.317255801	0.007423146	0.036548425	72.37467016	51.73760027 Basal	SOX2
DPP9	0.316281208	0.005105016	0.029792864	24.5146002	13.78317029 Basal	SOX2
DHX15	0.315489463	0.010644787	0.038255467	50.30688361	33.87821156 Suprabasal	SOX2
PRRC2C	0.314883273	0.007423146	0.030449933	87.62866402	72.69746995 Suprabasal	SOX2
AKAP8	0.314009175	0.005105016	0.024262694	26.62854161	16.76378779 Suprabasal	SOX2
DNAF5	0.313393642	0.004211401	0.027185186	25.39436291	14.69899341 Basal	SOX2
CSNK1A1	0.311878468	0.002836074	0.0176927	93.53449428	84.71976112 Suprabasal	SOX2
MIS18BP1	0.311634917	0.005105016	0.024262694	39.65562411	24.88374556 Suprabasal	SOX2
ANKRD11	0.311535163	0.005105016	0.024262694	77.75687683	59.74175098 Suprabasal	SOX2
SUPT5H	0.311462565	0.010644787	0.044687249	41.30614259	23.88312125 Basal	SOX2
PRKCH	0.310775043	0.010644787	0.044687249	12.78992278	7.133312113 Basal	SOX2, SOX2 + KLF5
ANXA11	0.309510653	0.007423146	0.036548425	80.1395934	59.90618267 Basal	SOX2 + KLF5
SMARCA2	0.30736207	0.012681065	0.042921737	50.47896445	33.01055583 Suprabasal	SOX2
RBM26	0.306807667	0.004211401	0.021879278	45.24969731	28.33994468 Suprabasal	SOX2
EDC3	0.305267304	0.003462059	0.024854712	13.40354087	7.180247317 Basal	SOX2
ACTB	0.304849735	0.004211401	0.027185186	99.71378693	97.52395914 Basal	SOX2
RNASEL	0.304812706	0.008904627	0.034252903	20.4978733	13.22398589 Suprabasal	SOX2
PRRG4	0.303894969	0.006166656	0.027303057	83.56882003	69.16067751 Suprabasal	SOX2, SOX2 + KLF5
CNDP2	0.301775633	0.007423146	0.036548425	41.87890185	25.30966965 Basal	SOX2
PPM1A	0.297552231	0.010644787	0.044687249	31.80766749	17.79182567 Basal	SOX2
PCM1	0.29663167	0.012681065	0.042921737	62.41064601	43.03776245 Suprabasal	SOX2
XRCC1	0.296049831	0.012681065	0.042921737	16.1532907	10.76767722 Suprabasal	SOX2
PTBP1	0.294116815	0.005105016	0.029792864	65.2690628	44.63874797 Basal	SOX2
RNF40	0.292210922	0.002836074	0.022562695	23.01616376	12.95846387 Basal	SOX2
INTS14	0.291042279	0.012681065	0.042921737	21.96252873	13.69680143 Suprabasal	SOX2
UBTF	0.289426243	0.004211401	0.021879278	55.33188696	37.74718139 Suprabasal	SOX2
BDH1	0.287800194	0.001526458	0.016792744	37.68427329	23.60581804 Basal	SOX2
ZNF174	0.285899464	0.006166656	0.027303057	6.81185006	4.65851935 Suprabasal	SOX2
TAX1BP1	0.28569555	0.006166656	0.032981404	70.90543279	49.84024475 Basal	SOX2
OPA3	0.285098991	0.015054848	0.048140298	18.78897384	12.76558836 Suprabasal	SOX2
KPNA4	0.284385351	0.008904627	0.040392504	53.03150064	33.71170895 Basal	SOX2

CSNK1D	0.282246278	0.006166656	0.032981404	38.6253149	23.71317908	Basal	SOX2
C6orf136	0.282069153	0.003462059	0.024854712	25.12174217	14.50978536	Basal	SOX2 + KLF5
KDM2A	0.281821164	0.005105016	0.029792864	44.65559244	26.94707233	Basal	SOX2
NFX1	0.281778885	0.008904627	0.034252903	30.94818377	19.69308165	Suprabasal	SOX2
KAT7	0.280513646	0.003462059	0.019729589	31.96355226	20.50682651	Suprabasal	SOX2
ZNF623	0.278474992	0.005105016	0.024262694	10.25246344	6.504611864	Suprabasal	SOX2
PSMD2	0.278455513	0.017811616	0.043066688	64.95891017	40.28973587	Superficial	SOX2
SYNRG	0.277856083	0.008904627	0.040392504	27.18815891	15.59211998	Basal	SOX2
CDKN2AIP	0.27405597	0.003462059	0.024854712	48.78322567	32.15435898	Basal	SOX2
APLP2	0.270292897	0.012681065	0.042921737	73.82533826	57.93670449	Suprabasal	SOX2
SF3A1	0.268950282	0.002315114	0.020052792	40.45425161	24.11803561	Basal	SOX2
DNAJC9	0.267541983	0.008904627	0.034252903	36.74656251	23.59342056	Suprabasal	SOX2
PAWR	0.266458622	0.010644787	0.044687249	63.09732871	43.42629148	Basal	SOX2
CTCF	0.266102688	0.010644787	0.038255467	50.85548206	33.85027116	Suprabasal	SOX2
SMC3	0.265657661	0.010644787	0.038255467	66.24412926	45.72828955	Suprabasal	SOX2
PAFAH1B2	0.265099423	0.006166656	0.032981404	49.89534049	31.20887734	Basal	SOX2
DDA1	0.264148216	0.004211401	0.027185186	39.59917761	24.07286753	Basal	SOX2
BRD4	0.260587942	0.010644787	0.044687249	59.06233998	38.69743774	Basal	SOX2
EPN1	0.259066852	0.004211401	0.027185186	52.19066592	33.714443	Basal	SOX2
NFKBIB	0.258046044	0.010644787	0.044687249	27.74931509	16.39772077	Basal	SOX2
ELF1	0.257772111	0.006166656	0.027303057	78.78518903	61.89883688	Suprabasal	SOX2
SAFB2	0.256603266	0.006166656	0.027303057	33.63209571	21.6889824	Suprabasal	SOX2
SPINT1	0.251117707	0.008904627	0.040392504	62.93750767	43.57976501	Basal	SOX2

**Supplemental Table 8.** Gene expression profile of EoE DEGs known to be regulated by the SOX2-KLF5 interaction.

gene	Log2FC	Pval	FDR_Pval	Top Changed Compartment
NRXN1	5.011064578	0.000184184	0.010398392	Suprabasal
NFATC2	4.981012295	0.000989444	0.008042817	Superficial
KCNJ2	4.494243322	0.000506425	0.010398392	Suprabasal
BCL2L15	4.350031654	0.000153669	0.010398392	Suprabasal
RUNX2	3.769129479	0.000504805	0.007178523	Superficial
LYPD6B	3.712117954	0.004211401	0.016013117	Superficial
SGK1	3.680085691	0.000153669	0.007176147	Superficial
ST8SIA6	3.586099976	0.000634007	0.007274975	Superficial
CMYA5	3.552817397	0.001526458	0.009387421	Superficial
HRH1	3.502634807	0.000992312	0.011395032	Suprabasal
TNS4	2.993108132	0.001232925	0.008679903	Superficial
RASGRP1	2.869246892	0.000506425	0.010398392	Suprabasal
LY75	2.675558265	5.55E-05	0.007176147	Superficial
HS3ST3A1	2.549605795	0.003462059	0.014108599	Superficial
HS3ST1	2.544170249	0.000153669	0.010398392	Suprabasal
RARB	2.530013416	0.000992312	0.008042817	Superficial
CLDN1	2.418800238	0.000506425	0.007178523	Superficial
LITAF	2.418477626	0.000401828	0.010398392	Suprabasal
NRP2	2.366104366	0.001232925	0.01240258	Suprabasal
SOX21	2.296941678	0.000506425	0.007178523	Superficial
GGH	2.23883892	0.000317696	0.007176147	Superficial
UTRN	2.217242242	0.000196466	0.007176147	Superficial
MYOF	2.181332839	0.000795824	0.007615337	Superficial
GIPC2	2.130796901	0.000119764	0.007176147	Superficial
MYH9	2.016181739	0.000401828	0.007176147	Superficial
PDLIM4	1.989624172	0.000317696	0.007176147	Superficial
NUAK2	1.98293209	0.001232925	0.008679903	Superficial
LPCAT4	1.972938051	0.000795824	0.007615337	Superficial
LRRC8B	1.948757418	0.001526458	0.009387421	Superficial
TLE1	1.923101892	0.000119764	0.007176147	Superficial
SGMS2	1.870786282	0.000401828	0.007176147	Superficial
FMN1	1.866940741	0.000992312	0.008042817	Superficial
GCNT3	1.859066598	0.002315114	0.016076911	Suprabasal
SERPINB5	1.819859014	0.000506425	0.007178523	Superficial
ARHGAP26	1.751173085	7.20E-05	0.007176147	Superficial
ADAM9	1.72837896	0.001232925	0.01240258	Suprabasal
IGF2R	1.719942816	0.000992312	0.008042817	Superficial
ATP8B1	1.711098498	9.30E-05	0.010398392	Suprabasal
FAM3C	1.6929743	0.000992312	0.008042817	Superficial
CD9	1.664880927	0.000317696	0.007176147	Superficial
DSG3	1.659685097	0.000401828	0.007176147	Superficial
SERPINB2	1.591511492	0.000635975	0.010421015	Suprabasal
MACF1	1.585172836	0.001883197	0.010234018	Superficial

TMPRSS11D	1.540082196	0.008904627	0.040392504	Basal
NRIP1	1.527774608	0.000992312	0.008042817	Superficial
SETBP1	1.526392337	0.000795824	0.007615337	Superficial
MYH14	1.506036602	0.000635975	0.007274975	Superficial
MCC	1.495164205	0.001232925	0.008679903	Superficial
SLC16A7	1.492659835	0.000317696	0.007176147	Superficial
EEA1	1.479639763	0.000196466	0.007176147	Superficial
KLF4	1.451647249	0.000317696	0.007176147	Superficial
RAB11FIP1	1.442200578	0.000317696	0.012455402	Basal
ETS2	1.440460005	0.000317696	0.010398392	Suprabasal
TJP2	1.428786705	0.000250281	0.012455402	Basal
FAM83B	1.409210634	0.005105016	0.018023407	Superficial
ANGPTL4	1.390767663	9.30E-05	0.012455402	Basal
OCIAD2	1.31691942	0.000795824	0.007615337	Superficial
ARHGAP18	1.313208605	0.001526458	0.009387421	Superficial
ERC1	1.308852525	0.000992312	0.008042817	Superficial
SOX13	1.301876207	0.004211401	0.016013117	Superficial
TMPRSS4	1.291648313	0.000317696	0.012455402	Basal
PDE4D	1.288243	0.003462059	0.014108599	Superficial
SHROOM2	1.258271405	0.000635975	0.007274975	Superficial
MREG	1.217754559	0.000401828	0.012455402	Basal
MBOAT2	1.21344202	0.000795824	0.0136425	Basal
ROCK2	1.20861768	0.001232925	0.008679903	Superficial
LIMA1	1.205072658	0.001232925	0.008679903	Superficial
SLC25A24	1.202476433	0.002836074	0.012662188	Superficial
MYO10	1.19168863	0.000635975	0.007274975	Superficial
AFF1	1.191217771	0.001526458	0.009387421	Superficial
MLLT3	1.18449493	0.002836074	0.012662188	Superficial
MEIS1	1.17701975	0.000992312	0.008042817	Superficial
PARP12	1.170055421	0.000635975	0.012925379	Basal
RAPGEF5	1.161160462	0.000401828	0.007176147	Superficial
BARX2	1.154142342	0.000317696	0.007176147	Superficial
TP63	1.146853343	0.006166656	0.020290909	Superficial
B4GALNT3	1.142848614	0.012681065	0.033478436	Superficial
RPS6KA3	1.139760282	0.001232925	0.008679903	Superficial
ROBO2	1.132994815	0.007423146	0.022959455	Superficial
FOXQ1	1.123032095	0.000992312	0.011395032	Suprabasal
ACVR1	1.11208563	0.010644787	0.029507311	Superficial
SLC5A3	1.108546111	0.017811616	0.043066688	Superficial
EPHB6	1.098421093	0.002315114	0.011381143	Superficial
CRYZ	1.092201992	0.001883197	0.010234018	Superficial
TGFBR1	1.082552543	0.017811616	0.043066688	Superficial
VCL	1.068576576	0.000401828	0.010398392	Suprabasal
IFIH1	1.055273435	0.002315114	0.016076911	Suprabasal
RAB11FIP2	1.051539922	0.004211401	0.016013117	Superficial
CLDN4	1.046614095	0.003462059	0.024854712	Basal
GBP2	1.043537437	0.006166656	0.020290909	Superficial

PDZRN3	1.038845423	0.005105016	0.018023407	Superficial
GJB5	1.036529192	0.012681065	0.033478436	Superficial
USP12	1.026388333	0.001232925	0.01240258	Suprabasal
LMTK2	0.992632835	0.002315114	0.016076911	Suprabasal
ITGB8	0.982346099	0.012681065	0.04332227	Suprabasal
RNF19A	0.979825429	0.000250281	0.010398392	Suprabasal
EFNB2	0.971028932	0.002315114	0.011381143	Superficial
CCDC88C	0.960891309	0.008904627	0.025990329	Superficial
MBNL3	0.951778334	0.005105016	0.018023407	Superficial
GPHN	0.950352459	0.005105016	0.018023407	Superficial
PKP1	0.940526247	0.005105016	0.018023407	Superficial
ATXN1	0.939973269	0.008904627	0.025990329	Superficial
TNK2	0.921895637	0.005105016	0.024729592	Suprabasal
SMPD3	0.91883153	0.012681065	0.033478436	Superficial
ANK3	0.913274645	0.012681065	0.033478436	Superficial
SLC4A7	0.899999926	0.017811616	0.043066688	Superficial
ST14	0.89536654	7.20E-05	0.012455402	Basal
EPN2	0.893135704	0.000795824	0.007615337	Superficial
KRT19	0.892179709	0.012681065	0.04332227	Suprabasal
BMPR2	0.892138295	0.001883197	0.010234018	Superficial
TNRC18	0.889205782	0.017811616	0.043066688	Superficial
FAM110C	0.886645228	0.000506425	0.010398392	Suprabasal
LMO7	0.886093098	0.002315114	0.016076911	Suprabasal
NOL10	0.882088665	0.015054848	0.038009884	Superficial
RNF19B	0.881491342	0.000506425	0.012898798	Basal
UGCG	0.880956022	0.000317696	0.012455402	Basal
BTG1	0.874641303	7.20E-05	0.007176147	Superficial
ALCAM	0.848190649	0.007423146	0.022959455	Superficial
DTNBP1	0.846794959	0.021001058	0.04834985	Superficial
MAP3K8	0.845745236	0.004211401	0.027185186	Basal
MACC1	0.834417685	0.001883197	0.018415354	Basal
DNMBP	0.834004899	0.017811616	0.043066688	Superficial
NDFIP2	0.829957287	0.000635975	0.010421015	Suprabasal
DSC3	0.82685136	0.021001058	0.04834985	Superficial
TWF2	0.823549219	0.000992312	0.008042817	Superficial
PPL	0.822801611	0.000317696	0.012455402	Basal
ACAD9	0.822605788	0.000401828	0.007176147	Superficial
PIM1	0.816682613	0.000506425	0.012898798	Basal
TNIP1	0.799214391	0.000506425	0.010398392	Suprabasal
BACE2	0.792110852	0.000506425	0.010398392	Suprabasal
PLS1	0.792063723	0.002836074	0.018003296	Suprabasal
KCTD1	0.790819901	0.000795824	0.007615337	Superficial
KLF3	0.788073544	0.000401828	0.010398392	Suprabasal
DSP	0.78419116	0.000506425	0.012898798	Basal
RASSF6	0.780974466	0.021001058	0.04834985	Superficial
IL15	0.766980121	0.007423146	0.030890563	Suprabasal
CRADD	0.748667913	0.007423146	0.022959455	Superficial

FAM53B	0.742226226	0.002836074	0.018003296 Suprabasal
ACOX1	0.738898578	0.007423146	0.030890563 Suprabasal
ELF3	0.738836064	0.003462059	0.019935309 Suprabasal
ARFGAP3	0.737414745	0.004211401	0.016013117 Superficial
ZFAND5	0.732780617	0.000635975	0.010421015 Suprabasal
EZR	0.72742657	0.002315114	0.020052792 Basal
KHDRBS3	0.710487783	0.000635975	0.012925379 Basal
MIPEP	0.707166754	0.021001058	0.04834985 Superficial
SHROOM3	0.695335913	0.007423146	0.036548425 Basal
FCHSD2	0.691175748	0.007423146	0.030890563 Suprabasal
TXNRD1	0.681192793	0.004211401	0.022365923 Suprabasal
SGMS1	0.679915708	0.000250281	0.010398392 Suprabasal
ANXA11	0.668315198	0.000401828	0.010398392 Suprabasal
MAL2	0.666971971	0.000992312	0.014320968 Basal
B3GNT2	0.659308899	0.015054848	0.038009884 Superficial
ILVBL	0.648089774	0.021001058	0.04834985 Superficial
PACS1	0.624993882	0.000635975	0.012925379 Basal
RIN2	0.62340617	0.002836074	0.018003296 Suprabasal
TTC39C	0.619828384	0.017811616	0.043066688 Superficial
NDUFA4	0.617621009	0.007423146	0.022959455 Superficial
LMNA	0.616183225	0.002315114	0.011381143 Superficial
JUN	0.612848095	0.010644787	0.029507311 Superficial
NCOR2	0.603984188	0.005105016	0.024729592 Suprabasal
RAP2B	0.602604508	0.012681065	0.04332227 Suprabasal
MGAT4A	0.589001621	0.000250281	0.010398392 Suprabasal
HS6ST1	0.587523478	0.001883197	0.014590393 Suprabasal
IPMK	0.585907313	0.008904627	0.034887819 Suprabasal
PAIP2B	0.580739387	0.021001058	0.04834985 Superficial
SPPL3	0.573634654	0.003462059	0.014108599 Superficial
TULP3	0.561441423	0.000153669	0.010398392 Suprabasal
RAB27B	0.555355604	0.002315114	0.011381143 Superficial
RERE	0.553739866	0.002315114	0.016076911 Suprabasal
RRP12	0.553439503	0.001232925	0.015721789 Basal
JUP	0.54864085	0.000795824	0.0136425 Basal
TRIP10	0.527179997	0.000795824	0.0136425 Basal
ANXA1	0.526354665	0.010644787	0.044687249 Basal
MPZL1	0.508728407	0.008904627	0.025990329 Superficial
EHF	0.492196041	0.010644787	0.038910009 Suprabasal
TRIM33	0.489450207	0.017811616	0.043066688 Superficial
AHNAK	0.472580773	0.000992312	0.014320968 Basal
THUMPD2	0.45263715	0.021001058	0.04834985 Superficial
STK38	0.448032161	0.001526458	0.013165538 Suprabasal
FNBP1	0.441580425	0.003462059	0.019935309 Suprabasal
EIF4G3	0.421871801	0.012681065	0.033478436 Superficial
PLD1	0.416621216	0.010644787	0.044687249 Basal
BAIAP2L1	0.414981604	0.000992312	0.014320968 Basal
SMG7	0.408190956	0.015054848	0.048244165 Suprabasal

DNAJC21	0.40361818	0.000992312	0.008042817	Superficial
N4BP1	0.398063677	0.000992312	0.011395032	Suprabasal
TULP4	0.387329406	0.001526458	0.013165538	Suprabasal
SETD5	0.377610281	0.005105016	0.024729592	Suprabasal
CAPN2	0.36891271	0.015054848	0.048244165	Suprabasal
KLF5	0.366989473	0.004211401	0.016013117	Superficial
PARD3	0.323072656	0.002836074	0.018003296	Suprabasal
PHACTR4	0.32155259	0.015054848	0.048244165	Suprabasal
PRKCH	0.310775043	0.010644787	0.044687249	Basal
C6orf136	0.282069153	0.003462059	0.024854712	Basal
ASAHI1	-0.265541854	0.008904627	0.040392504	Basal
IL20RB	-0.323659215	0.012681065	0.04332227	Suprabasal
CTSZ	-0.330853459	0.010644787	0.044687249	Basal
SLC1A4	-0.543851368	0.004211401	0.027185186	Basal
MPPED2	-0.688191794	0.012681065	0.049425568	Basal
PTGR1	-0.715961366	0.001883197	0.018415354	Basal
TGFB1	-0.82611949	0.001526458	0.016792744	Basal
SPRY1	-0.831851276	0.008904627	0.034887819	Suprabasal
FHL2	-0.954787117	0.000317696	0.012455402	Basal
EPCAM	-1.00287481	0.021001058	0.04834985	Superficial
LFNG	-1.036801606	0.000992312	0.014320968	Basal
ANKH	-1.06813916	0.000119764	0.012455402	Basal
ARMCX1	-1.100766717	0.000317696	0.012455402	Basal
SORBS2	-1.125942002	0.000635975	0.012925379	Basal
CYYR1	-1.222114319	0.001883197	0.018415354	Basal
PFN2	-1.249675777	0.000795824	0.0136425	Basal
EFEMP1	-1.268342154	0.000196466	0.012455402	Basal
TGM3	-1.398053373	0.001883197	0.014590393	Suprabasal
SYT17	-1.411928301	0.008904627	0.025990329	Superficial
GHR	-1.424445437	0.000250281	0.012455402	Basal
STXBP1	-1.605053536	0.006166656	0.020290909	Superficial
ALOX12	-1.646262518	0.012681065	0.04332227	Suprabasal
NGEF	-1.697118232	0.000992312	0.011395032	Suprabasal
ZNF365	-1.723119785	0.008904627	0.025990329	Superficial
PLB1	-1.805722624	0.001883197	0.010234018	Superficial
DHRS9	-2.379799313	0.000250281	0.007176147	Superficial
TGM7	-2.419284932	0.01017129	0.029507311	Superficial
IL1A	-2.497686606	0.003462059	0.014108599	Superficial
RAI14	-2.779671032	0.000317696	0.007176147	Superficial
SULT1B1	-3.339062081	0.000182524	0.007176147	Superficial

**Supplemental Table 9.** List of antibodies used in the study.

Antibody	Company	Clone	Catalog #	Assay	Concentration	Secondary / Conjugate
anti-KI-67	Abcam	SP6	16667	IHC	1:100	goat anti-rabbit
anti-SOX2	Cell Signaling	D1C7J	14962S	IHC	1:500	goat anti-rabbit
anti-KLF5	Sigma-Aldrich	Polyclonal	HPA040398	IHC	1:150	goat anti-rabbit
anti-KRT14	Cell Signaling	LL002	48020	Multispectral IF	1:200	Opal 540
anti-P63	ABclonal	ARC0131	A19652	Multispectral IF	1:100	Opal 690
anti-IVL	Santa Cruz Biotechnology	SY5	sc-21748	Multispectral IF	1:500	Opal 520
anti-CNFN	Novus Biologicals	Polyclonal	NBP2-14668	Multispectral IF	1:200	Opal 570