ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000001561	1305.214227	−0.1312927895	0.2847414610	−0.0279621398	0.8191073579	−0.009530866	9.378678e−01	0.322422675	8.058754e−03	ENPP4
ENSG00000001617	5.742197	0.2612117706	0.0106445498	0.2113367205	0.0380920992	0.028170515	7.811785e−01	0.166582358	1.002744e−01	SEMA3F
ENSG00000001629	1622.854329	0.0760551868	0.1232343512	0.0453338863	0.3636960409	0.116825590	1.919302e−02	0.086024237	8.877648e−02	ANKIB1
ENSG00000001631	676.657018	0.1645886350	0.0165747156	0.1150908566	0.0971052617	0.246276597	3.789138e−04	0.015013094	8.306391e−01	KRIT1
ENSG00000002016	237.588569	0.0568866429	0.5542641816	0.0799374868	0.4081264878	0.203695917	3.485076e−02	0.141905344	1.442208e−01	RAD52
ENSG00000002330	441.446682	−0.0552446160	0.3720807581	−0.0964546142	0.1232253059	−0.178808568	4.403491e−03	−0.161203993	1.100883e−02	BAD
ENSG00000002549	8322.524710	0.2351210281	0.0608922434	0.0336063963	0.7886308564	0.091810108	4.639249e−01	0.349621269	5.244197e−03	LAP3
ENSG00000002586	4130.238057	−0.0376973285	0.6624452544	−0.1768701726	0.0419201920	−0.051808877	5.512065e−01	0.127506046	1.455806e−01	CD99
ENSG00000002834	13307.517232	−0.0837415059	0.0560462741	−0.0894043375	0.0437254715	−0.052198862	2.390140e−01	−0.006483698	8.852999e−01	LASP1
ENSG00000003249	4.058206	0.0121904915	0.8910436928	0.0631544041	0.4771967243	0.094939556	2.851694e−01	0.314372595	4.270736e−04	DBNDD1
ENSG00000003400	828.499876	0.2494138637	0.0283036298	0.1310369065	0.2502057007	0.226540255	4.680414e−02	0.353312586	1.974711e−03	CASP10
ENSG00000003402	9131.349180	−0.0286033712	0.5405447232	−0.0180328827	0.7027877636	−0.069312066	1.425830e−01	−0.121067563	1.153368e−02	CFLAR
ENSG00000003509	355.139713	0.0979181685	0.1805874142	0.1553804825	0.0348353953	0.156793035	3.335508e−02	0.001458443	9.844195e−01	NDUFAF7
ENSG00000003756	3331.452843	0.1729016019	0.0002560262	0.0855100017	0.0739016300	0.111012995	2.033927e−02	0.007306000	8.803329e−01	RBM5
ENSG00000004059	7769.042234	−0.1421229750	0.0055802214	−0.1232261006	0.0174442778	−0.138880126	7.388162e−03	−0.147777257	4.899362e−03	ARF5
ENSG00000004700	1037.427802	0.1706882137	0.0064118608	0.1627775450	0.0100286525	0.195080358	2.031702e−03	0.274908118	1.694180e−05	RECQL
ENSG00000004777	223.805562	0.0911629151	0.3745123335	−0.0675314570	0.5128129637	0.084989587	4.096089e−01	−0.240844256	2.049799e−02	ARHGAP33
ENSG00000004779	1303.687739	−0.1322540832	0.0021598939	−0.0435706601	0.3168768531	−0.085755506	4.925118e−02	−0.020860140	6.362961e−01	NDUFAB1
ENSG00000004866	570.919326	−0.0469273407	0.4709743953	0.0278000551	0.6718345569	−0.096067791	1.444105e−01	−0.164120934	1.373401e−02	ST7
ENSG00000004897	1479.466079	0.1040450666	0.0439527826	0.0302617462	0.5625201750	0.049850460	3.402274e−01	0.062237058	2.395233e−01	CDC27
ENSG00000005020	4650.421403	−0.0501551076	0.3304553827	0.0536175780	0.3031260793	−0.033915060	5.150341e−01	0.116838691	2.676481e−02	SKAP2
ENSG00000005022	13785.733046	−0.1066251904	0.0322983733	−0.0621042366	0.2174334061	−0.094056633	6.179652e−02	−0.144081438	4.753972e−03	SLC25A5
ENSG00000005059	2072.161358	0.0295307958	0.6079938661	0.0512641481	0.3779944120	0.036105065	5.348198e−01	0.146285581	1.291669e−02	MCUB
ENSG00000005075	1079.206797	−0.1047208007	0.0504430996	−0.0674452671	0.2122639224	−0.128394924	1.775204e−02	−0.129486916	1.818196e−02	POLR2J
ENSG00000005100	610.864001	−0.0585760866	0.3232219635	−0.1219558023	0.0420761537	0.014771453	8.051053e−01	−0.052127765	3.896425e−01	DHX33
ENSG00000005156	1098.816143	0.0828860817	0.2317591990	0.0742407182	0.2883132852	0.123472304	7.737896e−02	0.206145547	3.518923e−03	LIG3
ENSG00000005238	2371.372717	0.1899288779	0.0199892186	0.0469197134	0.5683651576	0.011605400	8.878096e−01	0.063747316	4.424531e−01	FAM214B
ENSG00000005249	1371.085148	−0.2007438456	0.0313903629	−0.1629566375	0.0822546118	−0.085962443	3.592567e−01	0.063670713	4.999141e−01	PRKAR2B
ENSG00000005302	2266.818073	0.0459346538	0.2925770615	0.0356342435	0.4195716087	0.069655443	1.146383e−01	0.109267642	1.457434e−02	MSL3
ENSG00000005339	8308.582138	0.0078890336	0.8782629800	−0.1172982170	0.0242949495	−0.074248129	1.539349e−01	−0.034471037	5.135000e−01	CREBBP
ENSG00000005448	336.797608	−0.2644194839	0.0007553638	−0.1721465505	0.0292515244	−0.321152069	5.068901e−05	−0.249309390	1.785878e−03	WDR54
ENSG00000005700	2498.404738	0.0555728918	0.2652518679	0.1107995677	0.0279332199	0.145699423	3.846129e−03	0.137899573	6.932564e−03	IBTK
ENSG00000005882	463.310179	−0.0633920363	0.4497191186	−0.1801990429	0.0330609521	−0.102289193	2.261367e−01	−0.067055793	4.311362e−01	PDK2
ENSG00000005884	11.110314	−0.0084756067	0.9457785394	0.0099665935	0.9360329245	0.360036781	3.875518e−03	0.229244642	6.434418e−02	ITGA3
ENSG00000005889	2007.511013	0.2053398252	0.0139280061	0.0711795113	0.3973104311	0.011824762	8.882021e−01	0.086752345	3.066383e−01	ZFX
ENSG00000005961	74.302688	−0.1559609543	0.1989709490	−0.2636817107	0.0292354368	−0.108996453	3.675637e−01	−0.216679699	7.184792e−02	ITGA2B
ENSG00000006007	1755.218366	−0.1503214877	0.0071764274	−0.1858282005	0.0010105640	−0.097604594	8.407165e−02	−0.127121606	2.622091e−02	GDE1
ENSG00000006016	66.262525	0.2462023719	0.0312780453	0.2153294962	0.0601805749	0.195869162	8.767775e−02	0.099779694	3.859223e−01	CRLF1
ENSG00000006062	4151.701308	−0.0871735619	0.2077922222	−0.2350276677	0.0007651031	−0.161013147	2.113539e−02	−0.310874265	1.073160e−05	MAP3K14
ENSG00000006118	142.213234	0.3206566822	0.0087381699	0.2367279270	0.0529614238	0.259883357	3.363934e−02	0.008673377	9.435487e−01	TMEM132A
ENSG00000006194	1351.975704	0.0282315226	0.6342188606	−0.0217568377	0.7166979849	−0.213174062	3.896027e−04	−0.102059072	9.293136e−02	ZNF263
ENSG00000006327	144.089148	0.2970125537	0.0218504576	0.1148862187	0.3732735201	−0.188957685	1.429714e−01	0.036615297	7.755347e−01	TNFRSF12A
ENSG00000006459	6725.649428	−0.0119791976	0.8695304636	−0.0863586299	0.2403553568	−0.037157126	6.134327e−01	−0.167763035	2.400150e−02	KDM7A
ENSG00000006555	16.757362	−0.0453984642	0.7271671579	−0.2575044215	0.0467446889	0.154614889	2.335446e−01	0.130260088	3.131640e−01	TTC22
ENSG00000006576	912.319379	0.0818978480	0.2315717001	0.0587476715	0.3950932659	0.140374077	4.206692e−02	0.007170896	9.182863e−01	PHTF2
ENSG00000006638	4.767097	−0.1538780248	0.0542248157	−0.1985028203	0.0127906569	−0.104368557	1.909625e−01	−0.132515411	9.609192e−02	TBXA2R
ENSG00000006704	26.709413	0.0939090517	0.4629432769	0.1184812332	0.3526885974	0.072744578	5.681112e−01	−0.268332047	3.403900e−02	GTF2IRD1
ENSG00000006712	1211.819716	0.1450375125	0.0195394077	0.1036000099	0.0986610081	0.041365504	5.100800e−01	−0.007077649	9.113402e−01	PAF1
ENSG00000006715	2269.217828	0.0045387809	0.9375590151	0.1310683063	0.0249990914	0.111507525	5.662161e−02	0.135883293	2.174671e−02	VPS41
ENSG00000006740	5.437319	0.0006915197	0.9949651707	0.0986255151	0.3680745216	0.225301939	4.017902e−02	0.060721012	5.771154e−01	ARHGAP44
ENSG00000006744	1864.552086	0.0427004211	0.3868663215	−0.0088458403	0.8593387400	0.067224486	1.778770e−01	0.145903717	3.865776e−03	ELAC2
ENSG00000006837	6.190637	0.2750167616	0.0251301369	0.2075846422	0.0892131657	0.193104782	1.134252e−01	0.213706595	7.883862e−02	CDKL3
ENSG00000007080	1129.416224	−0.0893128999	0.1511801213	−0.0908057844	0.1483048110	−0.154330675	1.412500e−02	−0.046332692	4.659966e−01	CCDC124
ENSG00000007168	3629.699923	0.1150286079	0.0267691188	0.0984995966	0.0606256277	0.068651720	1.911406e−01	0.095978888	7.116285e−02	PAFAH1B1
ENSG00000007174	1.138284	0.0008458928	0.9882373027	0.1243519855	0.0308728743	0.027941668	6.259267e−01	0.110930070	5.360345e−02	DNAH9
ENSG00000007255	1018.758493	−0.1912124688	0.0012900757	−0.1292472513	0.0311211126	−0.194775820	1.179334e−03	−0.199908876	1.000616e−03	TRAPPC6A
ENSG00000007264	185.882508	0.1782098417	0.1567474523	0.0027043943	0.9828492887	0.064571741	6.077392e−01	0.323885480	9.894962e−03	MATK
ENSG00000007312	518.987461	0.1170285599	0.3555613452	0.2528599814	0.0456649591	0.200264086	1.134960e−01	0.278889613	2.730527e−02	CD79B
ENSG00000007314	1.986139	0.0173129501	0.8321388598	−0.0099647777	0.9026653319	0.005931610	9.419105e−01	0.160478011	4.967943e−02	SCN4A
ENSG00000007372	66.932102	0.1136937759	0.3362654631	0.2408827900	0.0414016873	0.033777021	7.756766e−01	0.304204724	1.006603e−02	PAX6
ENSG00000007376	1301.060260	−0.0899145752	0.1654097899	−0.1440228563	0.0277945087	−0.146591048	2.518143e−02	−0.122542155	6.419191e−02	RPUSD1
ENSG00000007384	6.861386	0.1158037478	0.3474352737	0.2543248647	0.0389176433	0.088548259	4.703496e−01	−0.013376604	9.125747e−01	RHBDF1
ENSG00000007520	1085.313993	−0.1135882929	0.0767640379	−0.0891317095	0.1687957961	−0.190847093	3.260252e−03	−0.022056545	7.362698e−01	TSR3
ENSG00000007545	752.837481	0.0199652097	0.6978060094	−0.0857595171	0.0999095692	0.036391840	4.841620e−01	−0.129836946	1.401531e−02	CRAMP1
ENSG00000008324	475.554623	−0.1336811385	0.0497741218	−0.0088384958	0.8974925351	−0.064143311	3.507010e−01	−0.166988982	1.633167e−02	SS18L2
ENSG00000008438	2.619711	0.0702723643	0.3949704384	0.0800323190	0.3317299121	0.061223746	4.569167e−01	0.187864587	2.291866e−02	PGLYRP1
ENSG00000008516	620.503491	−0.2691958875	0.0404224568	−0.1359881320	0.2992496535	0.036586571	7.800277e−01	−0.186908112	1.522932e−01	MMP25
ENSG00000008838	2471.427748	−0.0947487673	0.0280306158	0.0088330293	0.8393603625	−0.004635573	9.153296e−01	0.019744722	6.549313e−01	MED24
ENSG00000008869	3812.182572	0.0121076730	0.8234638838	0.0134699532	0.8060000218	0.111708264	4.162804e−02	−0.033276542	5.492336e−01	HEATR5B
ENSG00000008988	27858.811771	−0.2004283134	0.0001280292	−0.0775688059	0.1424540596	−0.095969872	6.958806e−02	−0.134277109	1.221361e−02	RPS20
ENSG00000009413	1865.516329	0.1872210171	0.0165964379	0.0878480219	0.2648684147	0.075787043	3.361931e−01	−0.087405166	2.720766e−01	REV3L
ENSG00000009844	997.725421	0.1948724409	0.0115193432	0.1384673141	0.0749101443	0.269508200	5.232741e−04	0.336063723	1.835421e−05	VTA1
ENSG00000009950	2.391438	0.0766901875	0.3255368945	0.0711987261	0.3606493458	0.041079115	5.970920e−01	0.174535032	2.506528e−02	MLXIPL
ENSG00000009954	2435.411943	0.1007049242	0.0367167251	−0.0578771507	0.2356633136	0.041816357	3.912862e−01	0.090195155	6.798280e−02	BAZ1B
ENSG00000010017	1998.571309	0.0604541264	0.2636480042	0.0141971842	0.7950970435	−0.134964137	1.370952e−02	−0.040862535	4.608617e−01	RANBP9
ENSG00000010030	46.710529	0.1514485053	0.1521286664	0.0942323178	0.3713896425	0.328770914	1.827244e−03	0.375997567	3.451216e−04	ETV7
ENSG00000010165	448.789061	0.0186208486	0.8057258222	0.0438437972	0.5651025380	0.269128342	3.980388e−04	0.445106302	6.373678e−09	METTL13
ENSG00000010256	4895.273459	−0.0691257462	0.0946620799	−0.0312460430	0.4551151648	−0.115978419	5.603534e−03	0.028997848	4.941496e−01	UQCRC1
ENSG00000010270	1039.016965	0.0616755258	0.3769707991	0.0147640060	0.8339818246	0.037077390	5.986852e−01	0.141755197	4.634852e−02	STARD3NL
ENSG00000010292	1987.228876	0.1019938208	0.0809497296	0.0878919613	0.1365052942	0.087367496	1.389723e−01	0.236769147	7.352054e−05	NCAPD2
ENSG00000010310	2557.187442	0.0773784989	0.5348174423	−0.0182944974	0.8832741301	0.040767470	7.435355e−01	−0.268938755	3.079618e−02	GIPR
ENSG00000010610	25865.925439	−0.2128734266	0.0042879584	−0.0789469932	0.2934417361	−0.177427450	1.822297e−02	−0.310645403	4.272671e−05	CD4
ENSG00000010626	142.329113	−0.1135653684	0.2121919267	−0.0421324572	0.6449284948	−0.049640130	5.876327e−01	−0.307709175	8.959995e−04	LRRC23
ENSG00000010671	5886.315126	−0.1243628406	0.0042267406	−0.0358383024	0.4148071312	−0.099096697	2.421211e−02	−0.034379091	4.405664e−01	BTK
ENSG00000010704	495.374132	−0.0720293376	0.3618264953	−0.0187501431	0.8136678417	−0.047434347	5.513236e−01	−0.257343391	1.392468e−03	HFE
ENSG00000010810	7076.549353	−0.0806495708	0.1421980459	−0.1287366986	0.0204452098	−0.020496466	7.120345e−01	−0.069322415	2.177038e−01	FYN
ENSG00000011007	1779.564585	−0.1030271618	0.1212683659	−0.1616714698	0.0160294285	−0.098093825	1.439058e−01	−0.105556834	1.198481e−01	ELOA
ENSG00000011105	8.142722	−0.2069066565	0.0060169721	−0.2066535088	0.0059974033	−0.110888072	1.405437e−01	−0.199847310	7.744540e−03	TSPAN9
ENSG00000011260	1279.939269	0.0635120677	0.3401131063	0.0215162476	0.7488331711	0.062858985	3.495811e−01	0.163789704	1.587737e−02	UTP18
ENSG00000011376	510.370698	0.1067032491	0.1220968950	−0.0538875848	0.4398909981	−0.037059490	5.954480e−01	0.150583046	3.242430e−02	LARS2
ENSG00000011422	7973.396440	0.0239829050	0.8401120207	−0.0642901931	0.5889271428	−0.294463497	1.332235e−02	−0.342921077	3.983542e−03	PLAUR
ENSG00000011426	30.419875	0.2645392952	0.0444972965	0.0899513177	0.4929534878	0.194953398	1.373254e−01	0.034851339	7.895718e−01	ANLN
ENSG00000011478	342.458744	0.1062693219	0.1816114833	0.0595670384	0.4577446205	−0.174109782	3.077576e−02	−0.129123763	1.118543e−01	QPCTL
ENSG00000011485	1491.535009	−0.2355604182	0.0066727269	−0.2949678522	0.0007394117	−0.225220483	9.970593e−03	−0.048089415	5.850020e−01	PPP5C
ENSG00000011566	835.420895	0.1963973864	0.0112569278	0.1027709274	0.1884135546	0.046123253	5.552816e−01	−0.069821103	3.769084e−01	MAP4K3
ENSG00000011590	13.218006	0.0795566919	0.4103846365	0.1741046127	0.0711423514	0.210734618	2.894129e−02	0.092442183	3.358283e−01	ZBTB32
ENSG00000012048	93.420181	0.2524833526	0.0406731203	0.1707428571	0.1663029169	0.242520871	4.924243e−02	0.297944904	1.567722e−02	BRCA1
ENSG00000012061	2588.317518	−0.0718771513	0.1086453610	−0.0903290476	0.0463008358	−0.144956183	1.400242e−03	−0.193892823	2.489033e−05	ERCC1
ENSG00000012223	10.620503	−0.0049217709	0.9247882088	0.0195427473	0.7075658416	0.012652049	8.080854e−01	0.146294944	4.955037e−03	LTF
ENSG00000012232	1612.924983	−0.1363647679	0.0410998127	−0.1050647188	0.1188474295	−0.032111031	6.335260e−01	0.004894214	9.426887e−01	EXTL3
ENSG00000012779	7122.577913	−0.0133633548	0.8522671141	0.0006158619	0.9932103500	0.120747639	9.520049e−02	0.209158255	4.233649e−03	ALOX5
ENSG00000012817	361.826643	0.0306788341	0.7344252726	−0.3187342242	0.0004084457	−0.317788597	4.247374e−04	0.136977605	1.278657e−01	KDM5D
ENSG00000013364	8803.680787	0.0415699600	0.5818144462	0.0157195000	0.8363371661	−0.010518419	8.900646e−01	0.191184074	1.285387e−02	MVP
ENSG00000013503	177.905270	0.1462384928	0.1413251780	0.0823586562	0.4099217748	0.129540880	1.948869e−01	0.207515154	3.865118e−02	POLR3B
ENSG00000013523	1229.931970	−0.1709661288	0.0031495660	−0.0803597691	0.1689179545	−0.025056871	6.679025e−01	−0.067903831	2.510232e−01	ANGEL1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000013561	6.453969e+02	−0.006303009	0.9302456100	0.215896619	2.868022e−03	0.155119734	3.238556e−02	0.251495865	5.861509e−04	RNF14
ENSG00000013563	1.394273e+03	0.015146454	0.7982182044	−0.099969003	9.506011e−02	−0.150139420	1.225210e−02	−0.055420126	3.607040e−01	DNASE1L1
ENSG00000013583	8.710673e+02	−0.045871133	0.4589416023	−0.075119033	2.297819e−01	−0.171915150	6.085779e−03	−0.117517246	6.364846e−02	HEBP1
ENSG00000014123	1.401293e+03	0.084309407	0.1619702839	0.079966046	1.891085e−01	0.123957511	4.177655e−02	0.098042358	1.115457e−01	UFL1
ENSG00000014216	6.340807e+03	0.014997717	0.7927963445	0.013047689	8.210413e−01	0.017009318	7.680984e−01	0.169692586	3.657635e−03	CAPN1
ENSG00000014641	2.569245e+03	−0.073114850	0.0903397917	0.088700669	4.188713e−02	−0.012671046	7.716567e−01	−0.010341533	8.151998e−01	MDH1
ENSG00000015285	8.586109e+03	0.022626390	0.7009645275	0.057182603	3.366061e−01	0.021992439	7.117435e−01	0.138724032	2.128892e−02	WAS
ENSG00000015475	5.218165e+03	0.026883182	0.7105274109	0.063547585	3.843380e−01	−0.063536902	3.845373e−01	−0.181405554	1.401540e−02	BID
ENSG00000016391	2.713296e+00	0.080285633	0.2666203686	0.089074728	2.173162e−01	0.224706325	1.901515e−03	0.003133619	9.652220e−01	CHDH
ENSG00000017260	1.848541e+03	0.045206810	0.3158811720	0.072421866	1.120045e−01	0.110267010	1.553442e−02	0.084120714	6.857671e−02	ATP2C1
ENSG00000017483	8.548286e+01	0.277235201	0.0307377147	0.218950110	8.752719e−02	0.190801901	1.366060e−01	0.606808712	2.043004e−06	SLC38A5
ENSG00000018408	4.243915e+00	−0.065102876	0.5381437809	0.203791497	5.495159e−02	−0.215123761	3.982881e−02	0.023866984	8.209119e−01	WWTR1
ENSG00000018510	2.357481e+03	0.016450545	0.7451415772	0.002303620	9.640881e−01	0.090319192	7.739609e−02	0.127806851	1.360416e−02	AGPS
ENSG00000018625	4.991001e+01	−0.067544891	0.5738846450	−0.136537933	2.537750e−01	−0.159733942	1.817586e−01	−0.282751683	1.752951e−02	ATP1A2
ENSG00000018699	5.955739e+02	0.066830364	0.3414833727	0.024815775	7.262917e−01	0.039397458	5.785155e−01	0.205737052	4.019124e−03	TTC27
ENSG00000019102	8.891918e+01	0.040859939	0.7396935216	−0.276511082	2.487726e−02	−0.273003503	2.681405e−02	−0.095315221	4.383976e−01	VSIG2
ENSG00000019144	6.748294e+00	0.292912212	0.0048094981	0.421224304	5.013711e−05	0.254883181	1.378732e−02	0.121616789	2.365985e−01	PHLDB1
ENSG00000019582	6.046596e+05	−0.039705973	0.4743687375	−0.075436621	1.785941e−01	−0.096125372	8.653042e−02	−0.145468820	1.043422e−02	CD74
ENSG00000020256	2.871377e+02	−0.028690258	0.6985831973	−0.055945177	4.539444e−01	−0.046675165	5.324494e−01	0.149783163	4.629094e−02	ZFP64
ENSG00000020577	2.914287e+02	0.165724708	0.2053677187	0.089262438	4.936098e−01	0.155893879	2.318585e−01	0.347560218	7.414965e−03	SAMD4A
ENSG00000020633	8.709555e+03	−0.000544292	0.9960268435	−0.176820465	1.066935e−01	−0.157058825	1.518772e−01	−0.255415855	2.021037e−02	RUNX3
ENSG00000020922	1.570851e+03	−0.027675321	0.7120181831	0.007689897	9.189549e−01	0.017470880	8.172072e−01	−0.173708928	2.297574e−02	MRE11
ENSG00000021355	7.509977e+03	−0.116815987	0.0361798771	0.037365350	5.070707e−01	−0.022095311	6.949014e−01	0.094740043	9.670534e−02	SERPINB1
ENSG00000021762	1.206856e+03	0.171460818	0.0469523082	−0.112242411	1.968308e−01	−0.043819155	6.143172e−01	0.241107630	5.894198e−03	OSBPL5
ENSG00000021776	2.167681e+03	0.117368526	0.0129458334	0.117422642	1.393366e−02	0.095537722	4.556824e−02	0.139130929	4.041800e−03	AQR
ENSG00000021826	1.651001e+00	−0.057494997	0.4342417355	0.057377961	4.363086e−01	0.030557307	6.775878e−01	0.231497319	1.824699e−03	CPS1
ENSG00000022277	4.370013e+03	−0.079076470	0.0032105704	−0.025751097	3.428098e−01	−0.084417884	1.907451e−03	−0.049968094	6.994141e−02	RTFDC1
ENSG00000022976	3.173661e+02	−0.074599231	0.2444335463	−0.115974637	7.352629e−02	−0.083545341	1.974561e−01	−0.144409406	2.767299e−02	ZNF839
ENSG00000023041	1.060985e+03	0.088853579	0.0616724698	0.095711478	4.657556e−02	0.168854983	4.422313e−04	0.098160234	4.384590e−02	ZDHHC6
ENSG00000023287	1.432977e+03	0.172592788	0.0058473559	0.074385691	2.396974e−01	0.004267742	9.462673e−01	0.078221074	2.218310e−01	RB1CC1
ENSG00000023330	6.002744e+02	0.160954231	0.0644963645	0.235050402	7.262017e−03	0.247117643	4.774563e−03	0.179492668	4.216424e−02	ALAS1
ENSG00000023445	1.795102e+03	0.127040993	0.2244615461	0.155561612	1.383023e−01	0.214584319	4.090050e−02	−0.006152410	9.534707e−01	BIRC3
ENSG00000023572	1.375010e+02	0.183623927	0.0488130358	0.216410588	2.077092e−02	0.139730597	1.365641e−01	−0.006471051	9.455956e−01	GLRX2
ENSG00000023608	1.824506e+02	0.264819724	0.0197256794	0.264062418	2.029305e−02	−0.046332612	6.845883e−01	0.064457456	5.725934e−01	SNAPC1
ENSG00000023734	3.589275e+03	0.042186902	0.3925993334	0.103027319	3.884608e−02	0.016628405	7.390025e−01	0.091777257	6.941567e−02	STRAP
ENSG00000023839	6.461072e+01	0.072291611	0.5021066532	0.218066833	4.284148e−02	0.239568613	2.615624e−02	−0.053784510	6.207489e−01	ABCC2
ENSG00000024862	6.204541e+02	0.025326857	0.7208457406	0.099400925	1.639161e−01	0.052801372	4.601638e−01	0.183952574	1.075081e−02	CCDC28A
ENSG00000025708	2.042060e+04	0.059839094	0.6136509570	−0.016218420	8.912543e−01	−0.119313761	3.145223e−01	0.278101411	1.919120e−02	TYMP
ENSG00000025770	9.414124e+02	0.044519715	0.4937843032	0.002544649	9.691115e−01	0.011133138	8.655155e−01	−0.164862927	1.326649e−02	NCAPH2
ENSG00000025772	1.689738e+03	−0.007260233	0.9346237053	−0.037649693	6.725307e−01	−0.122225884	1.701427e−01	−0.189858174	3.447076e−02	TOMM34
ENSG00000026297	1.017027e+04	−0.139777862	0.1431496039	−0.128958431	1.789920e−01	−0.191393631	4.610499e−02	−0.195756405	4.266272e−02	RNASET2
ENSG00000026559	2.934687e+00	0.167699498	0.0201997040	0.083777383	2.441235e−01	0.002215646	9.753555e−01	0.185862352	9.868207e−03	KCNG1
ENSG00000026950	2.062359e+03	0.249730378	0.0064621344	0.131441726	1.541785e−01	0.131226477	1.548834e−01	0.070860816	4.456969e−01	BTN3A1
ENSG00000027697	7.246863e+03	0.060827759	0.4961346777	0.216592055	1.600597e−02	0.109166532	2.247581e−01	0.188717231	3.725404e−02	IFNGR1
ENSG00000027869	1.094500e+01	0.126404057	0.1992220363	0.179225182	6.819337e−02	0.285792223	3.658964e−03	0.078553653	4.217244e−01	SH2D2A
ENSG00000029363	9.226276e+03	0.118831763	0.0415332047	0.074149287	2.080544e−01	−0.017863949	7.617067e−01	−0.055142906	3.552120e−01	BCLAF1
ENSG00000029364	1.752307e+03	0.088618004	0.0895516332	0.056733458	2.824656e−01	0.064215916	2.239331e−01	0.105184545	4.899541e−02	SLC39A9
ENSG00000029534	2.699178e+01	−0.126856528	0.2966292011	−0.235614321	5.157043e−02	−0.098591557	4.155581e−01	−0.247266672	4.005295e−02	ANK1
ENSG00000029639	1.655424e+02	0.032464131	0.7090904383	0.068666825	4.324087e−01	0.055149981	5.289372e−01	0.202513737	2.123363e−02	TFB1M
ENSG00000030066	1.343057e+03	0.200960614	0.0073731690	0.135735669	7.271702e−02	0.297017158	8.513823e−05	0.313100838	4.100861e−05	NUP160
ENSG00000030419	4.216373e+01	0.271851617	0.0388617464	0.184895207	1.589344e−01	0.318287452	1.529721e−02	0.138596298	2.893052e−01	IKZF2
ENSG00000032389	1.050178e+03	−0.132328208	0.0120204969	−0.086150172	1.053563e−01	−0.126162519	1.786846e−02	−0.128204818	1.749021e−02	EIPR1
ENSG00000032742	2.331233e+02	0.115760859	0.2542553961	0.137959883	1.757500e−01	0.029342517	7.737083e−01	0.206545995	4.374130e−02	IFT88
ENSG00000033122	6.360551e+01	−0.003752495	0.9724424330	−0.307601578	5.104205e−03	−0.192768580	7.862540e−02	−0.047695186	6.628071e−01	LRRC7
ENSG00000033178	1.574422e+03	0.229522633	0.0001212399	0.105324217	8.104540e−02	0.094455731	1.178306e−01	0.228209895	1.855377e−04	UBA6
ENSG00000034510	6.602791e+04	−0.103581998	0.0327883571	−0.012174382	8.040188e−01	−0.059715493	2.235505e−01	−0.034572691	4.868944e−01	TMSB10
ENSG00000034533	2.153818e+02	0.206212782	0.0495802767	0.153155435	1.463582e−01	0.125063290	2.358837e−01	0.028905894	7.851098e−01	ASTE1
ENSG00000034677	1.421846e+03	0.189062290	0.0107361857	0.079948007	2.848439e−01	−0.058410998	4.350012e−01	−0.030274544	6.887338e−01	RNF19A
ENSG00000034713	2.725383e+03	−0.131422251	0.0506469490	0.042752473	5.284288e−01	−0.041745702	5.383581e−01	−0.147612004	3.147355e−02	GABARAPL2
ENSG00000035403	1.038851e+04	−0.114229170	0.0429469030	−0.073732739	1.959065e−01	−0.018692774	7.429977e−01	−0.043724538	4.488258e−01	VCL
ENSG00000035499	1.296453e+01	0.337938557	0.0069770089	0.188227090	1.308411e−01	0.218871724	7.892953e−02	0.354845888	4.269057e−03	DEPDC1B
ENSG00000035664	8.976947e+01	−0.140592907	0.2852228135	−0.070985695	5.882440e−01	−0.003137466	9.809101e−01	−0.308180045	1.822428e−02	DAPK2
ENSG00000035687	1.829808e+03	0.024015325	0.6586417508	0.126054134	2.162236e−02	0.163690124	2.857360e−03	0.107354962	5.349545e−02	ADSS
ENSG00000035720	6.643338e+01	0.490797202	0.0001386941	0.398013708	1.919884e−03	0.208488918	1.040006e−01	0.397027183	1.873264e−03	STAP1
ENSG00000035862	5.131732e+03	−0.159652783	0.0130095940	−0.075676335	2.434732e−01	−0.115789459	7.437840e−02	−0.009929993	8.797419e−01	TIMP2
ENSG00000036054	9.205123e+02	0.182396376	0.0320471446	0.139288053	1.040125e−01	0.056024421	5.134569e−01	0.149964660	8.255775e−02	TBC1D23
ENSG00000036257	1.723330e+03	0.225211702	0.0027538425	0.115563737	1.276874e−01	0.095755775	2.069937e−01	0.245091465	1.374892e−03	CUL3
ENSG00000036672	6.375834e+00	0.198317684	0.0100332383	0.123357624	1.084205e−01	0.018136256	8.131048e−01	0.106546503	1.643945e−01	USP2
ENSG00000037474	2.700440e+03	0.116242877	0.0174426986	0.104093552	3.525414e−02	0.107560317	2.963503e−02	0.096947771	5.304911e−02	NSUN2
ENSG00000038210	4.777770e+02	0.127107186	0.1486262143	0.209698693	1.779727e−02	0.115161932	1.936338e−01	0.213941274	1.645037e−02	PI4K2B
ENSG00000038274	2.681462e+03	−0.047230756	0.3871649420	0.056607465	3.046914e−01	0.131919452	1.673343e−02	0.121768715	2.922729e−02	MAT2B
ENSG00000038358	2.050633e+03	0.074646626	0.1299406583	−0.027823921	5.770110e−01	0.056221571	2.595170e−01	0.116323266	2.122031e−02	EDC4
ENSG00000038427	2.166771e+04	0.037328956	0.7749718688	0.134890968	3.004833e−01	−0.020615198	8.742692e−01	0.372667595	4.121193e−03	VCAN
ENSG00000039319	1.418995e+03	0.257180394	0.0018352588	0.158352146	5.691383e−02	0.086119426	3.006495e−01	−0.094441254	2.607090e−01	ZFYVE16
ENSG00000039650	1.358958e+03	0.140105478	0.0114085115	0.045384449	4.177450e−01	0.077342023	1.673343e−01	−0.011211791	8.434628e−01	PNKP
ENSG00000040487	7.302325e+02	−0.016140114	0.8121040752	−0.116003237	9.087974e−02	−0.021190928	7.572571e−01	−0.171835936	1.329186e−02	PQLC2
ENSG00000041353	1.211642e+01	−0.186672070	0.0105610015	−0.236954428	1.147852e−03	−0.167009123	2.194439e−02	−0.202343873	5.404807e−03	RAB27B
ENSG00000041357	4.228641e+03	0.011449481	0.8485204801	0.127646771	3.490936e−02	0.124949963	3.896268e−02	0.195091178	1.447344e−03	PSMA4
ENSG00000041802	1.313698e+03	0.038173069	0.5797704280	0.070999899	3.072883e−01	0.139102530	4.543770e−02	0.056586361	4.209020e−01	LSG1
ENSG00000041880	4.427325e+02	−0.095574522	0.2867241958	−0.017493682	8.461733e−01	−0.189586274	3.586821e−02	−0.064105530	4.807905e−01	PARP3
ENSG00000042445	8.542526e+02	−0.002165168	0.9734136406	0.126832820	5.274601e−02	0.145580395	2.623316e−02	0.162925496	1.383414e−02	RETSAT
ENSG00000042493	1.055301e+04	0.118579922	0.1565332715	−0.026169949	7.561835e−01	−0.005436700	9.485691e−01	0.247716304	3.565569e−03	CAPG
ENSG00000042753	4.564644e+03	−0.144518389	0.0040288654	−0.091742744	7.088387e−02	−0.136437228	7.249932e−03	−0.085206080	9.779164e−02	AP2S1
ENSG00000043462	8.024262e+03	0.099407069	0.1772687969	0.029546285	6.908594e−01	−0.012602022	8.653181e−01	0.152512348	4.216264e−02	LCP2
ENSG00000044459	6.431669e+02	−0.119648285	0.0861835143	−0.154408633	2.814931e−02	−0.142630611	4.266338e−02	−0.281044884	8.102267e−05	CNTLN
ENSG00000044574	1.563086e+04	0.280232513	0.0150115687	0.151581343	1.890182e−01	−0.006933211	9.520943e−01	0.076005713	5.109741e−01	HSPA5
ENSG00000046651	1.443794e+03	−0.020820332	0.8206701253	0.018965645	8.373104e−01	−0.045399471	6.231444e−01	−0.212959783	2.214248e−02	OFD1
ENSG00000047315	3.013525e+03	0.066651575	0.1634402748	0.088820080	6.619945e−02	0.130858146	6.797747e−03	0.175548044	3.383680e−04	POLR2B
ENSG00000047346	1.287937e+03	0.011267880	0.8450111243	−0.054983339	3.454785e−01	−0.083986124	1.498950e−01	−0.189988701	1.300318e−03	FAM214A
ENSG00000047648	2.506939e+01	−0.219775635	0.0690819695	−0.327952025	6.436536e−03	−0.172171455	1.528887e−01	−0.232735879	5.220255e−02	ARHGAP6
ENSG00000047849	4.335247e+03	0.035219946	0.5204519273	−0.040359917	4.662239e−01	−0.024824868	6.540570e−01	0.123193601	2.803358e−02	MAP4
ENSG00000048028	8.213141e+02	0.153031104	0.0362981773	0.113873368	1.224800e−01	0.128344622	8.180429e−02	0.160882354	3.075369e−02	USP28
ENSG00000048162	5.454624e+02	−0.120827924	0.0432839289	−0.062912918	2.967006e−01	0.009885114	8.696560e−01	−0.006177566	9.192702e−01	NOP16
ENSG00000048342	1.830735e+02	−0.128879818	0.2599015582	−0.170344832	1.372766e−01	−0.300956544	8.735808e−03	−0.282887395	1.383565e−02	CC2D2A
ENSG00000048462	8.777978e+00	0.146574624	0.0724004833	0.050037074	5.385052e−01	0.173847912	3.273714e−02	0.200731898	1.350791e−02	TNFRSF17
ENSG00000048471	3.332138e+03	−0.089317831	0.1530678129	−0.127728333	4.305520e−02	−0.186884577	3.085161e−03	−0.221715335	5.206312e−04	SNX29
ENSG00000048649	1.691041e+03	−0.037757291	0.5258023578	−0.099952183	9.649512e−02	−0.151421471	1.186581e−02	−0.130209614	3.249149e−02	RSF1
ENSG00000048828	1.011847e+04	−0.028649026	0.4606871085	−0.037636005	3.381786e−01	−0.046405796	2.377069e−01	0.099563890	1.246541e−02	FAM120A
ENSG00000048991	1.856282e+03	−0.011364151	0.7736282335	−0.066861343	9.471167e−02	−0.093487695	1.961838e−02	−0.003435988	9.324657e−01	R3HDM1
ENSG00000049089	3.761541e+03	−0.130061952	0.1431713084	−0.153066198	8.683905e−02	−0.152119069	8.882230e−02	−0.258415506	4.123786e−03	COL9A2
ENSG00000049130	5.178946e+00	0.167779115	0.0424869232	0.142289453	8.460016e−02	−0.020381252	8.042486e−01	0.040297004	6.238443e−01	KITLG
ENSG00000049239	1.985318e+03	−0.187715801	0.0282394898	−0.204169545	1.778601e−02	−0.236068117	6.147103e−03	−0.179931236	3.826596e−02	H6PD
ENSG00000049449	9.043530e+02	0.070499243	0.3972853239	0.032970115	6.942514e−01	0.169991091	4.257574e−02	0.104958439	2.147205e−01	RCN1
ENSG00000049768	2.534318e+01	0.314107826	0.0168586278	0.053926873	6.810072e−01	0.151175757	2.490682e−01	−0.031097447	8.120202e−01	FOXP3
ENSG00000049883	2.483704e+02	−0.294503275	0.0003930359	−0.189926393	2.285345e−02	−0.060359972	4.686428e−01	−0.009375780	9.109987e−01	PTCD2

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000050730	6.046100e−01	0.0679177378	0.1447951978	0.091483132	0.0496921180	0.053307179	0.2511496599	0.027388721	5.552925e−01	TNIP3
ENSG00000051108	1.191251e+04	−0.0119194432	0.8816932059	0.025303351	0.7538410518	−0.113343528	0.1601648920	−0.226810322	5.356279e−03	HERPUD1
ENSG00000051180	2.307561e+01	0.2357323956	0.0716854002	0.039531022	0.7617090070	0.304843141	0.0194563697	0.040200597	7.566060e−01	RAD51
ENSG00000051341	4.239508e+01	0.4207011651	0.0013664771	0.298470171	0.0227877681	0.382514371	0.0035185324	0.091579048	4.834971e−01	POLQ
ENSG00000051620	2.166898e+03	−0.1837733798	0.0157135089	0.037199890	0.6273933382	−0.114052626	0.1369319064	−0.026085210	7.361457e−01	HEBP2
ENSG00000052126	4.973330e+02	−0.1623344585	0.1050486194	−0.150725437	0.1339817528	−0.233258142	0.0204664634	−0.397667486	8.599246e−05	PLEKHA5
ENSG00000052723	1.100087e+03	0.0476651356	0.4096001877	0.030559073	0.6008744076	0.109923696	0.0597315650	0.131080301	2.642688e−02	SIKE1
ENSG00000052795	3.251140e+03	0.0009369148	0.9879325015	−0.137251986	0.0282892705	−0.066150771	0.2904213755	−0.119099774	6.001543e−02	FNIP2
ENSG00000052850	2.711208e+00	0.1255834817	0.1395167706	−0.008663038	0.9182992563	0.169076941	0.0462583314	0.030083809	7.213446e−01	ALX4
ENSG00000053254	8.076175e+03	−0.1228148781	0.0283935581	−0.154069160	0.0065040083	−0.175156712	0.0019793715	−0.070106915	2.213918e−01	FOXN3
ENSG00000053371	1.543882e+03	−0.1367870134	0.0080501196	−0.105692208	0.0427633900	−0.137936447	0.0082485265	−0.099881688	5.867219e−02	AKR7A2
ENSG00000053372	7.521936e+02	−0.1396322276	0.0316288882	−0.051654515	0.4300082368	−0.081570119	0.2131254227	−0.015535994	8.146302e−01	MRTO4
ENSG00000053770	1.024472e+03	0.1706612261	0.0014935314	0.174963894	0.0012729131	0.199745655	0.0002355320	0.153134445	5.379790e−03	AP5M1
ENSG00000053900	1.013635e+03	0.1834619951	0.0004505366	0.126790357	0.0165215801	0.164634500	0.0018544883	0.070514944	1.887876e−01	ANAPC4
ENSG00000053918	4.531548e+03	−0.0187465428	0.7370561454	−0.079476096	0.1589979269	−0.137895876	0.0145704087	−0.016660926	7.705751e−01	KCNQ1
ENSG00000054148	1.460714e+03	−0.1092190842	0.0392851493	−0.117766527	0.0279018559	−0.084924798	0.1128786841	−0.071000656	1.903945e−01	PHPT1
ENSG00000054219	1.798232e+03	−0.1575263838	0.0420991038	−0.147378435	0.0591708761	0.029226763	0.7081202377	−0.035015564	6.569130e−01	LY75
ENSG00000054282	9.764135e+02	−0.0044127156	0.9368331940	−0.039833397	0.4790815174	−0.106197683	0.0595988722	−0.112698464	4.835008e−02	SDCCAG8
ENSG00000054523	1.198868e+03	0.3544445761	0.0001234601	0.207238372	0.0256732674	0.177113384	0.0565997231	0.274803126	3.299197e−03	KIF1B
ENSG00000054611	2.525000e+03	−0.0778504897	0.2116665979	−0.068694673	0.2750315427	−0.110798411	0.0784260950	−0.151848811	1.714922e−02	TBC1D22A
ENSG00000054690	1.512229e+02	0.1566291984	0.2070471517	0.102281041	0.4081877215	0.146091522	0.2374628128	0.309884412	1.180904e−02	PLEKHH1
ENSG00000054793	5.776588e+00	−0.2030972880	0.0033259469	−0.221445013	0.0013465435	−0.154852305	0.0250163501	−0.168888928	1.434593e−02	ATP9A
ENSG00000054965	3.074286e+03	0.1595233823	0.0084612311	0.087795395	0.1514122344	0.064671488	0.2907637489	0.036911524	5.513503e−01	FAM168A
ENSG00000055070	4.787480e+03	−0.0170991258	0.6323418768	−0.013593765	0.7070152194	−0.099504082	0.0059932267	−0.025308097	4.905431e−01	SZRD1
ENSG00000055118	4.357012e+00	−0.0364295998	0.6793199537	0.064754337	0.4626870277	0.148516143	0.0924110002	0.206219926	1.926929e−02	KCNH2
ENSG00000055130	4.434674e+03	0.1196416356	0.2813709655	0.068766324	0.5367808800	0.084188914	0.4495208791	0.338223460	2.451885e−03	CUL1
ENSG00000055332	3.092473e+03	0.1912946496	0.1181301127	0.105095790	0.3906128654	−0.028718475	0.8145302835	0.488528447	6.581852e−05	EIF2AK2
ENSG00000055483	2.463057e+03	0.2875479005	0.0001271914	0.180536056	0.0170542921	−0.010111310	0.8937847236	−0.005229283	9.454854e−01	USP36
ENSG00000055609	6.375115e+03	0.1441128037	0.0181703316	0.097977182	0.1118149022	0.060145107	0.3290849091	−0.020785357	7.389653e−01	KMT2C
ENSG00000055917	4.420123e+03	0.0830958080	0.0729541055	0.061665127	0.1882941961	0.120792871	0.0099540188	0.166366031	4.592243e−04	PUM2
ENSG00000055950	1.137177e+03	−0.0788447358	0.0497310395	−0.080575576	0.0474290853	−0.068847733	0.0905477921	−0.054320726	1.874496e−01	MRPL43
ENSG00000056558	1.134374e+03	0.0667943368	0.3687357855	0.078796556	0.2929370110	0.028903328	0.6998228449	−0.257776955	6.776079e−04	TRAF1
ENSG00000056736	4.153532e+01	0.2481480583	0.0491936476	0.145142545	0.2502652851	0.215771590	0.0873108961	0.294522875	1.919907e−02	IL17RB
ENSG00000057252	2.619866e+03	0.1307169313	0.0874844310	0.182600870	0.0178663277	0.174202363	0.0238727669	0.206343261	8.034585e−03	SOAT1
ENSG00000058063	3.452525e+03	0.0470245006	0.3119487125	0.133432212	0.0045301688	0.109096900	0.0203434711	0.075547713	1.129597e−01	ATP11B
ENSG00000058262	6.755300e+03	0.0255989473	0.4594108219	0.015596500	0.6561008400	0.043978041	0.2092828976	0.121835960	6.024430e−04	SEC61A1
ENSG00000058600	1.207162e+03	0.1462531094	0.0117440089	0.160263195	0.0062617715	0.072537187	0.2166470917	0.147374225	1.303667e−02	POLR3E
ENSG00000059145	3.739776e+02	0.2045866050	0.0228519390	0.064727906	0.4746985998	0.056399024	0.5335778932	0.032268558	7.237140e−01	UNKL
ENSG00000059378	2.121960e+03	0.1148691043	0.2614731755	0.034794877	0.7347811891	0.145624218	0.1562055346	0.316118609	2.190283e−03	PARP12
ENSG00000059573	5.104933e+02	−0.0970886601	0.2387876651	−0.055090475	0.5065614523	0.069699945	0.4002946048	0.169338182	4.262925e−02	ALDH18A1
ENSG00000060140	8.245297e−01	−0.1047199261	0.0352600320	−0.126337311	0.0109111854	−0.114136688	0.0213252991	−0.104051317	3.641647e−02	STYK1
ENSG00000060339	2.568796e+03	0.1102862142	0.0199813721	0.053634632	0.2633413924	0.111022967	0.0205746223	0.068193680	1.606015e−01	CCAR1
ENSG00000060558	3.163633e+03	0.0689241597	0.2998090006	−0.066860417	0.3191835277	−0.142534132	0.0337733619	−0.062848563	3.544834e−01	GNA15
ENSG00000060642	1.455909e+02	0.0475563436	0.6400480293	0.036408276	0.7215002900	0.026568504	0.7949415369	0.227093066	2.647345e−02	PIGV
ENSG00000060709	1.968001e+00	−0.0069535650	0.8901101549	−0.005874287	0.9069654923	0.048981548	0.3299598465	0.185197361	2.417670e−04	RIMBP2
ENSG00000060749	9.625580e+02	0.1964759874	0.0015772290	0.079752790	0.2046606656	0.209176272	0.0008672465	0.111498073	7.948477e−02	QSER1
ENSG00000060971	4.945567e+03	−0.0772961232	0.1560217636	−0.093364549	0.0899532515	−0.126774464	0.0213441043	0.008457436	8.794438e−01	ACAA1
ENSG00000060982	7.223588e+02	0.0170185368	0.8890495630	0.152175097	0.2122276175	−0.070183864	0.5651682648	0.258834586	3.385715e−02	BCAT1
ENSG00000061656	2.611829e+01	0.3511621562	0.0076291618	0.259106392	0.0482166521	0.208421324	0.1120013403	0.081466631	5.325605e−01	SPAG4
ENSG00000061936	2.331640e+03	−0.0282738973	0.5127398153	−0.105183653	0.0161530865	−0.081537649	0.0622781656	−0.071174886	1.083896e−01	SFSWAP
ENSG00000061987	1.814184e+03	0.1213552543	0.0268021670	0.088520758	0.1100604060	0.151039493	0.0063909265	0.060083765	2.842992e−01	MON2
ENSG00000062194	2.822525e+03	0.0442145390	0.3709467837	0.083536992	0.0943701230	0.081240104	0.1038869647	0.114448636	2.374904e−02	GPBP1
ENSG00000062524	1.878202e+02	0.1426045043	0.2530727454	0.132055041	0.2896537696	0.264463270	0.0339096642	0.183421956	1.409674e−01	LTK
ENSG00000062716	1.787460e+03	0.1072429120	0.1658093262	0.108621006	0.1637127348	0.053519526	0.4927347873	0.202006174	1.029131e−02	VMP1
ENSG00000062725	8.758420e+02	0.1032779544	0.1176285304	0.051668371	0.4382569867	0.119945661	0.0718518359	0.186921164	5.481916e−03	APPBP2
ENSG00000062822	7.872308e+02	0.1832426776	0.0187680779	0.024526115	0.7552424848	−0.019965714	0.7998088744	−0.046902587	5.550565e−01	POLD1
ENSG00000063015	7.622958e+00	0.0021058471	0.9849602568	−0.019775086	0.8590449459	−0.066530626	0.5495729835	−0.234539067	3.353166e−02	SEZ6
ENSG00000063046	1.756882e+04	−0.0984602876	0.0667060907	−0.101724351	0.0608582847	−0.111965502	0.0390992803	−0.127298382	2.057811e−02	EIF4B
ENSG00000063169	1.385239e+03	0.1703720452	0.0098654480	−0.042241113	0.5267533460	−0.036728879	0.5821647100	0.094987102	1.589428e−01	BICRA
ENSG00000063177	2.917510e+04	−0.1601623611	0.0041773283	−0.114018914	0.0435667000	−0.116767017	0.0387499054	−0.178900760	1.767245e−03	RPL18
ENSG00000064102	2.965599e+02	0.2832400324	0.0015303480	0.163174999	0.0699029195	0.163109397	0.0701682475	0.326869710	3.089578e−04	INTS13
ENSG00000064201	2.498326e+03	0.2350239873	0.0251116516	−0.026592449	0.8006722094	0.077517252	0.4617219052	0.217176667	4.005536e−02	TSPAN32
ENSG00000064300	4.303681e+01	0.0855235719	0.4853175606	0.087579607	0.4732614132	0.193517668	0.1131153213	0.361276828	2.970771e−03	NGFR
ENSG00000064313	9.543571e+02	0.1703841568	0.0105962665	0.157678315	0.0191089926	0.112305706	0.0953895867	0.104128953	1.261892e−01	TAF2
ENSG00000064490	1.110692e+03	−0.0767203946	0.1027499112	−0.042740729	0.3682127630	−0.122882471	0.0098662140	−0.045708111	3.427275e−01	RFXANK
ENSG00000064607	4.162935e+03	0.1253203158	0.0788170155	0.094923987	0.1869223343	0.146155864	0.0421469653	−0.005540172	9.392575e−01	SUGP2
ENSG00000064763	1.015592e+02	0.1413536139	0.2711518755	0.062071523	0.6284892541	0.364332794	0.0044788855	0.527814180	3.668469e−05	FAR2
ENSG00000064787	2.277542e+00	0.0450487290	0.5264065208	0.160124491	0.0245667361	0.055025764	0.4379635100	0.107784270	1.290924e−01	BCAS1
ENSG00000064886	2.855725e+01	0.1372777677	0.2621258074	0.261275159	0.0322192213	0.129187480	0.2891790474	0.346904155	4.309060e−03	CHI3L2
ENSG00000064961	2.091790e+03	−0.0141154033	0.8042791566	−0.103847031	0.0713205303	−0.136827088	0.0175535872	−0.098453199	9.128701e−02	HMG20B
ENSG00000065000	6.768363e+03	0.0540659592	0.3107221471	−0.072488202	0.1788143439	−0.013754652	0.7986335931	0.123427821	2.377990e−02	AP3D1
ENSG00000065029	9.701440e+02	0.1452461697	0.0015239741	0.091501802	0.0485195521	0.021852158	0.6384727456	0.031196099	5.078932e−01	ZNF76
ENSG00000065243	2.098424e+03	0.0136464407	0.8202047407	−0.028476464	0.6387343716	0.035808773	0.5548959164	−0.134726055	2.831340e−02	PKN2
ENSG00000065268	1.253166e+03	0.0705139727	0.3513073554	0.041055642	0.5904022761	0.007006729	0.9268393659	0.159091033	3.879878e−02	WDR18
ENSG00000065328	1.032074e+01	0.2248926864	0.0203063589	0.172813585	0.0737003284	0.152830711	0.1134963768	0.100686792	2.950851e−01	MCM10
ENSG00000065357	2.854770e+03	0.0766183827	0.1917719242	0.008893234	0.8808158259	0.149779837	0.0115229661	−0.004091737	9.456665e−01	DGKA
ENSG00000065457	7.513711e+02	−0.1077782343	0.1137819313	0.047867458	0.4854696580	−0.099850541	0.1465697458	−0.178903722	1.016514e−02	ADAT1
ENSG00000065518	1.219514e+03	−0.1067437946	0.0140811818	−0.023424444	0.5935845681	0.001215062	0.9779238682	−0.064529799	1.474239e−01	NDUFB4
ENSG00000065526	8.759857e+03	0.0002206224	0.9966667586	−0.121265042	0.0231208812	−0.119616852	0.0250662606	−0.090842140	9.303837e−02	SPEN
ENSG00000065534	2.007711e+02	−0.1752265449	0.1750479425	−0.204479744	0.1128921977	−0.222410081	0.0846699575	−0.290414568	2.402826e−02	MYLK
ENSG00000065548	3.085361e+03	0.0824564462	0.0835494974	0.107034104	0.0262921208	−0.009487816	0.8440396897	0.011441614	8.148669e−01	ZC3H15
ENSG00000065559	8.310652e+02	0.1196236405	0.0710627076	0.102681198	0.1247854703	0.183838526	0.0059670599	0.177232851	8.745585e−03	MAP2K4
ENSG00000065600	1.183506e+03	−0.1082672918	0.0423152645	−0.041999204	0.4352724025	−0.061566379	0.2531623564	−0.073707339	1.767678e−01	TMEM206
ENSG00000065883	2.667077e+03	−0.0323045004	0.4735357607	−0.101401915	0.0261928697	−0.102017628	0.0253546580	−0.088587804	5.542661e−02	CDK13
ENSG00000065911	2.698515e+03	0.0859209280	0.3168125606	0.098136591	0.2560480313	0.071004118	0.4112657141	0.183886619	3.475928e−02	MTHFD2
ENSG00000065970	2.475733e+03	0.0221531563	0.7102901338	−0.029371960	0.6259091078	−0.047574735	0.4298998290	−0.124099632	4.197382e−02	FOXJ2
ENSG00000065978	1.884808e+04	−0.0792352065	0.0186222733	−0.059887534	0.0788958464	−0.112778723	0.0009390401	−0.100434512	3.693467e−03	YBX1
ENSG00000066044	1.914825e+03	0.0243660506	0.6435875768	0.028048651	0.5981836103	0.010301599	0.8466029983	0.113469432	3.520208e−02	ELAVL1
ENSG00000066084	2.711054e+03	0.1235180438	0.0568426682	0.228625945	0.0004759683	0.155976725	0.0171874365	0.172074149	9.359858e−03	DIP2B
ENSG00000066279	2.978313e+01	0.2701517578	0.0248613800	0.120256293	0.3158263317	0.394393411	0.0010159675	−0.020113157	8.660157e−01	ASPM
ENSG00000066294	1.565681e+03	0.0684418198	0.4504911917	0.022570521	0.8046250789	0.207721844	0.0227655364	−0.018242788	8.426995e−01	CD84
ENSG00000066336	2.148042e+04	−0.0477839224	0.3800686584	−0.109987313	0.0455817410	−0.142189194	0.0097539021	−0.083666388	1.332418e−01	SPI1
ENSG00000066422	1.768570e+03	0.1253342471	0.0468536573	0.013455670	0.8327334075	0.016469159	0.7960714858	−0.089393056	1.657847e−01	ZBTB11
ENSG00000066427	1.367750e+03	0.1437996854	0.0173061229	0.031863448	0.6018995604	0.114688966	0.0603192473	0.039982421	5.177421e−01	ATXN3
ENSG00000066557	4.915013e+02	0.1978080313	0.0180013451	0.053652723	0.5245918549	0.162706837	0.0534853933	0.142414097	9.375417e−02	LRRC40
ENSG00000066583	3.251273e+02	0.1175108080	0.1069239017	0.026946952	0.7143239639	0.133179144	0.0699850967	0.152043228	4.056869e−02	ISOC1
ENSG00000066651	1.910110e+02	0.2208502374	0.0161079335	0.240617307	0.0091308545	0.296404162	0.0013155724	0.300025672	1.223784e−03	TRMT11
ENSG00000066739	1.397726e+03	0.0684610308	0.2892293646	0.026094524	0.6891877845	0.203469545	0.0017969014	0.042689946	5.175194e−01	ATG2B
ENSG00000066777	2.892380e+03	0.0972750791	0.0351815923	0.077397158	0.0975512935	0.096485804	0.0389121855	0.170004943	3.270623e−04	ARFGEF1
ENSG00000066855	2.617534e+02	0.0177298227	0.8484036892	0.034913399	0.7080328925	0.197531996	0.0338159112	0.082061261	3.818772e−01	MTFR1
ENSG00000066923	1.916319e+02	−0.1425910419	0.1895747079	−0.149472255	0.1703530329	−0.200146763	0.0665965548	−0.330367831	2.561630e−03	STAG3
ENSG00000067048	9.609276e+02	0.0022784669	0.9775013322	−0.235651606	0.0034703233	−0.236150510	0.0034017001	0.130924614	1.036144e−01	DDX3Y
ENSG00000067057	1.107299e+03	0.0542764941	0.6176803711	−0.007199468	0.9473622499	−0.009975565	0.9271189474	0.327553304	2.752130e−03	PFKP
ENSG00000067064	2.223218e+03	0.1678019772	0.0218399665	0.158850598	0.0313488452	0.082404523	0.2643189519	0.041659545	5.764826e−01	IDI1
ENSG00000067066	3.889671e+03	0.0965738867	0.1001415899	0.010887515	0.8544214212	0.061244663	0.3019997512	0.225692854	1.709017e−04	SP100

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000067141	5.230532e+00	0.0619865168	4.796118e−01	0.106377950	2.245406e−01	0.2103391631	1.644888e−02	0.102665808	2.395240e−01	NEO1
ENSG00000067177	1.944302e+00	0.0776695494	2.667829e−01	0.085420239	2.216247e−01	0.1371833087	4.974869e−02	0.084767447	2.239938e−01	PHKA1
ENSG00000067221	1.451433e+02	−0.0685181501	4.663489e−01	−0.230884469	1.493806e−02	−0.0249249215	7.919327e−01	0.095344993	3.150743e−01	STOML1
ENSG00000067334	3.129573e+03	0.0002415425	9.971197e−01	−0.033734039	6.173868e−01	−0.1612901336	1.697643e−02	−0.076718615	2.613918e−01	DNTTIP2
ENSG00000067646	1.222657e+02	0.0632901485	5.724501e−01	−0.505423581	5.212219e−06	−0.5252651598	2.157372e−06	0.391116567	4.604462e−04	ZFY
ENSG00000067836	2.985469e+03	−0.1257474017	1.496232e−01	−0.050783701	5.631252e−01	−0.1447528207	9.939900e−02	−0.182303536	3.949488e−02	ROGDI
ENSG00000067900	4.950147e+03	0.1711781179	6.030809e−03	0.096896538	1.237448e−01	0.0480470445	4.454126e−01	0.121311330	5.685264e−02	ROCK1
ENSG00000068001	2.448167e+02	−0.2769533721	5.067845e−03	−0.186366869	6.025296e−02	−0.1091354008	2.709979e−01	−0.193385975	5.241788e−02	HYAL2
ENSG00000068079	1.509845e+03	0.1434725679	2.329647e−01	0.048766774	6.853198e−01	0.0744186629	5.363399e−01	0.390369128	1.186617e−03	IFI35
ENSG00000068305	4.316595e+03	0.0882332098	8.217881e−02	0.084060797	1.013977e−01	0.0454646443	3.757977e−01	0.127155556	1.445020e−02	MEF2A
ENSG00000068308	2.545139e+03	0.1203369007	1.339113e−02	0.042632012	3.864214e−01	0.0122270905	8.039325e−01	0.045817326	3.584693e−01	OTUD5
ENSG00000068323	2.925696e+03	−0.0081352218	8.739432e−01	−0.077686395	1.341097e−01	−0.1200498128	2.068227e−02	−0.037989973	4.695422e−01	TFE3
ENSG00000068354	7.645110e+02	0.0171270607	7.457692e−01	0.029297733	5.831419e−01	−0.0211444300	6.926535e−01	−0.117123905	3.083295e−02	TBC1D25
ENSG00000068366	4.490000e+03	−0.0048309698	9.178718e−01	0.048824808	3.025688e−01	0.0336911678	4.769678e−01	0.140277915	3.468182e−03	ACSL4
ENSG00000068383	2.281955e+02	−0.1650383044	7.190039e−02	−0.047018494	6.094296e−01	−0.2602132016	4.870142e−03	−0.076867014	4.072796e−01	INPP5A
ENSG00000068400	3.206466e+03	0.1836707930	5.550864e−04	0.196549518	2.560536e−04	0.1863435935	5.295051e−04	0.143366505	8.495982e−03	GRIPAP1
ENSG00000068489	5.314967e+02	−0.0959777107	1.746340e−01	−0.130085198	6.816928e−02	−0.1831948707	1.032650e−02	−0.193640775	7.337950e−03	PRR11
ENSG00000068796	1.461040e+03	−0.0691362210	1.851176e−01	−0.113304437	3.171762e−02	−0.0304444191	5.636287e−01	−0.057325039	2.832900e−01	KIF2A
ENSG00000068878	2.564085e+03	0.2246935009	4.743722e−04	0.186674361	4.032179e−03	0.1644524876	1.132007e−02	0.120478259	6.662995e−02	PSME4
ENSG00000068885	2.469844e+02	−0.0059132714	9.460369e−01	0.058003291	5.092570e−01	0.1733999142	4.818922e−02	0.084406125	3.397446e−01	IFT80
ENSG00000068976	7.439110e+01	0.4529723004	2.720719e−06	0.215417151	2.789069e−02	0.2873016348	3.321587e−03	0.081993980	4.072244e−01	PYGM
ENSG00000069248	1.207333e+03	0.0285700941	5.999445e−01	0.071892141	1.913216e−01	0.1379594471	1.212883e−02	0.043467686	4.354599e−01	NUP133
ENSG00000069329	6.801734e+03	0.0350715552	5.514774e−01	0.112246047	5.912365e−02	0.1404971167	1.816563e−02	0.157943251	8.704240e−03	VPS35
ENSG00000069345	2.035432e+03	0.1923614128	1.586157e−02	0.090735139	2.589163e−01	0.0295227811	7.134535e−01	0.150540973	6.345127e−02	DNAJA2
ENSG00000069399	4.851064e+03	0.0245105951	8.083835e−01	−0.211995275	3.675850e−02	−0.3166404563	1.814227e−03	−0.014681773	8.855819e−01	BCL3
ENSG00000069493	7.352965e+02	0.2177079071	5.120398e−03	0.272046364	5.176988e−04	0.3315410343	2.323355e−05	0.204052375	9.901929e−03	CLEC2D
ENSG00000069509	2.757161e+02	0.1621421640	2.047532e−01	0.479460943	1.724589e−04	0.1906404083	1.354488e−01	0.198567163	1.192132e−01	FUNDC1
ENSG00000069696	1.979151e+01	0.4145439723	1.519318e−03	0.345114998	8.177303e−03	0.0329827304	8.009184e−01	0.207721380	1.106116e−01	DRD4
ENSG00000069849	3.291006e+03	0.1143766869	2.279257e−01	0.202468784	3.372688e−02	0.0886716981	3.524871e−01	0.108073620	2.601809e−01	ATP1B3
ENSG00000069943	3.319690e+02	0.1724817366	3.637745e−02	0.151308534	6.841254e−02	0.1312158089	1.143839e−01	0.166157156	4.726322e−02	PIGB
ENSG00000069974	1.360949e+03	0.0283033821	7.346592e−01	0.136706567	1.038891e−01	0.1951379654	2.025687e−02	0.250357098	3.135071e−03	RAB27A
ENSG00000069998	1.608673e+03	−0.1470472844	9.768336e−03	−0.056338201	3.265804e−01	−0.0640436331	2.649752e−01	0.074536291	1.996195e−01	HDHD5
ENSG00000070010	1.371923e+03	0.0363537062	4.188806e−01	−0.011618360	7.985834e−01	0.0993027185	2.896462e−02	0.041816831	3.643753e−01	UFD1
ENSG00000070061	1.277561e+03	0.0255603836	6.039805e−01	0.096535360	5.240638e−02	0.1505792322	2.474576e−03	0.080570270	1.101859e−01	ELP1
ENSG00000070081	4.398759e+02	0.0588033040	5.549755e−01	0.185100194	6.411136e−02	−0.0067614330	9.461570e−01	0.258511618	1.010438e−02	NUCB2
ENSG00000070182	6.947012e+00	−0.1384880472	1.579104e−01	−0.276055739	4.691543e−03	−0.2137847295	2.861070e−02	−0.169482258	8.177555e−02	SPTB
ENSG00000070367	1.888314e+03	0.1127801606	3.565726e−02	0.088365272	1.035041e−01	0.1856577309	6.206140e−04	0.116742503	3.360785e−02	EXOC5
ENSG00000070423	2.368292e+03	−0.0979051932	1.205270e−01	−0.127040217	4.601639e−02	−0.1618721695	1.104215e−02	−0.138384127	3.174779e−02	RNF126
ENSG00000070444	3.103797e+03	0.1906915779	1.077207e−03	0.041085718	4.858396e−01	−0.0224140212	7.039208e−01	−0.101533140	8.913279e−02	MNT
ENSG00000070476	2.668845e+03	−0.0462887868	4.258279e−01	−0.128566444	2.863429e−02	−0.0830850096	1.572635e−01	−0.057512781	3.333200e−01	ZXDC
ENSG00000070495	1.576175e+03	0.2285536050	3.345648e−02	0.109364210	3.104051e−01	−0.0773364190	4.733011e−01	−0.025733530	8.120993e−01	JMJD6
ENSG00000070601	7.845687e−01	−0.0073496409	8.607601e−01	0.035751657	3.939944e−01	0.0848093318	4.322845e−02	0.041154451	3.261067e−01	FRMPD1
ENSG00000070756	8.547713e+04	−0.0244588499	6.338313e−01	−0.079563894	1.253062e−01	−0.1358719280	8.853798e−03	−0.045435409	3.876341e−01	PABPC1
ENSG00000070759	4.834967e+02	−0.2632256605	3.245754e−04	−0.023579023	7.484595e−01	−0.2230522055	2.509491e−03	−0.222216867	2.882827e−03	TESK2
ENSG00000070814	1.764871e+03	0.1785745486	4.685022e−02	0.101416933	2.619035e−01	0.0609306686	5.003677e−01	0.074780279	4.116714e−01	TCOF1
ENSG00000070882	1.701989e+03	0.1338324928	8.618245e−02	0.142259254	7.032596e−02	0.2053518635	8.983436e−03	0.102863355	1.949293e−01	OSBPL3
ENSG00000070915	3.273168e+01	0.2362409223	6.795228e−02	0.219499216	8.871594e−02	0.2884901950	2.528439e−02	0.028207926	8.258758e−01	SLC12A3
ENSG00000070961	8.270877e+03	0.2450024171	1.134956e−02	0.133820347	1.688330e−01	0.0229818555	8.132074e−01	−0.045145790	6.445552e−01	ATP2B1
ENSG00000071051	8.842136e+02	−0.2243788389	2.250656e−03	−0.231687550	1.762131e−03	−0.1344384855	6.940469e−02	−0.111222215	1.367183e−01	NCK2
ENSG00000071082	2.655113e+04	−0.1781573880	5.766027e−04	−0.076987003	1.410890e−01	−0.0531484642	3.096202e−01	−0.208298810	8.502539e−05	RPL31
ENSG00000071242	6.761882e+02	−0.0206366924	8.340225e−01	−0.268512828	6.711280e−03	−0.2285788899	2.101694e−02	−0.092139233	3.545858e−01	RPS6KA2
ENSG00000071243	1.024079e+03	0.1667017125	1.557156e−02	0.088714989	2.022021e−01	0.0390802162	5.745579e−01	0.002919811	9.669241e−01	ING3
ENSG00000071537	4.130254e+03	−0.0104003200	8.493901e−01	0.062517988	2.585248e−01	0.1464679110	8.107433e−03	0.105296524	6.018689e−02	SEL1L
ENSG00000071564	2.757980e+03	−0.0594193417	3.397344e−01	−0.164744189	8.788956e−03	−0.0623616747	3.211470e−01	−0.016238681	7.984135e−01	TCF3
ENSG00000071626	5.428821e+03	−0.0008354579	9.862398e−01	−0.052745858	2.815511e−01	−0.1202133668	1.416087e−02	0.002257033	9.637409e−01	DAZAP1
ENSG00000071655	2.272502e+03	−0.0630804996	3.827460e−01	−0.138800044	5.693950e−02	−0.1640514820	2.447569e−02	0.012624683	8.638640e−01	MBD3
ENSG00000071794	3.344195e+02	0.2747809488	3.489749e−03	0.166533783	7.855115e−02	0.3228702886	6.390932e−04	0.200797339	3.509559e−02	HLTF
ENSG00000071859	1.919910e+03	0.1099284785	2.869450e−02	0.055693321	2.730639e−01	−0.0289504643	5.693572e−01	0.041792415	4.172779e−01	FAM50A
ENSG00000071889	8.389893e+02	−0.0144430303	8.541823e−01	−0.118107390	1.360980e−01	−0.1996455249	1.183230e−02	−0.086730395	2.782498e−01	FAM3A
ENSG00000071994	1.884227e+03	−0.0925559233	2.917066e−02	−0.024704879	5.644700e−01	−0.0739315839	8.507738e−02	0.022701762	6.013839e−01	PDCD2
ENSG00000072062	5.481622e+03	−0.1143940342	1.697046e−02	−0.073988540	1.266952e−01	−0.0461976662	3.403060e−01	−0.003611298	9.413513e−01	PRKACA
ENSG00000072110	3.732485e+03	−0.0489160660	6.240876e−01	−0.047550989	6.353002e−01	−0.1559888437	1.197820e−01	−0.215647052	3.244296e−02	ACTN1
ENSG00000072364	4.160218e+03	0.1537743213	5.821313e−03	0.032353403	5.659898e−01	−0.0247618027	6.605707e−01	−0.016295044	7.753360e−01	AFF4
ENSG00000072415	3.935248e+02	0.0168562827	8.221843e−01	0.022871332	7.623596e−01	0.0183368831	8.085909e−01	−0.214986030	5.047799e−03	MPP5
ENSG00000072501	5.544585e+03	0.0386792170	4.820619e−01	0.109994621	4.779108e−02	0.1135877535	4.098609e−02	0.135649407	1.599043e−02	SMC1A
ENSG00000072518	3.589815e+03	−0.0305128053	6.000813e−01	−0.209082821	3.794444e−04	−0.0702772634	2.320631e−01	0.035362552	5.523548e−01	MARK2
ENSG00000072682	1.210935e+01	0.1685459427	1.944656e−01	0.293627750	2.343556e−02	0.0552903712	6.688678e−01	0.139482685	2.786935e−01	P4HA2
ENSG00000072756	2.585951e+02	0.1414430878	7.760700e−02	0.229508244	4.406944e−03	0.2222278338	5.881237e−03	0.158560302	5.154284e−02	TRNT1
ENSG00000072858	1.047467e+03	−0.1216506796	2.199349e−01	0.088302705	3.751632e−01	−0.0641102306	5.198536e−01	−0.345825823	5.605315e−04	SIDT1
ENSG00000073282	2.433856e+01	−0.1958731498	1.189948e−01	−0.313015447	1.233800e−02	0.0819472893	5.132711e−01	−0.017523212	8.882227e−01	TP63
ENSG00000073417	7.548758e+02	0.2157425188	2.421685e−03	0.117395834	1.021721e−01	0.2680758707	1.864596e−04	0.175012703	1.583890e−02	PDE8A
ENSG00000073464	1.329542e+02	−0.1880968584	4.790082e−02	−0.010980100	9.078364e−01	−0.1922068618	4.267229e−02	−0.096521906	3.072316e−01	CLCN4
ENSG00000073536	3.841680e+02	−0.0985199700	2.230321e−01	−0.083394071	3.055857e−01	−0.1976377906	1.542147e−02	0.022725118	7.818574e−01	NLE1
ENSG00000073578	3.060357e+03	−0.1365638647	2.574342e−02	−0.063923770	3.011644e−01	−0.0709469607	2.512505e−01	−0.061369890	3.266286e−01	SDHA
ENSG00000073605	2.528256e+02	0.1007063001	3.159889e−01	0.044542369	6.589318e−01	0.3018183627	2.724621e−03	0.121927343	2.291435e−01	GSDMB
ENSG00000073711	3.621445e+01	0.3348586712	8.778079e−03	0.210160805	9.987730e−02	0.3779384501	3.050959e−03	0.152493649	2.322010e−01	PPP2R3A
ENSG00000073756	1.767959e+04	−0.1332175709	3.121820e−01	−0.077860910	5.534323e−01	−0.1559668141	2.351825e−01	−0.449894274	5.851304e−04	PTGS2
ENSG00000073803	7.775520e+02	−0.1586271173	4.415950e−02	−0.054742742	4.903803e−01	−0.0533346590	5.017346e−01	−0.230806001	4.004543e−03	MAP3K13
ENSG00000073849	2.868682e+03	−0.0336792782	6.626365e−01	0.061443501	4.295988e−01	0.1623166466	3.689534e−02	0.083837112	2.857862e−01	ST6GAL1
ENSG00000073921	1.239480e+04	0.1417897406	2.418499e−02	0.132511705	3.693252e−02	0.0906347370	1.535755e−01	0.012248409	8.488550e−01	PICALM
ENSG00000073969	1.353361e+03	0.1060139501	9.085229e−02	0.134588712	3.344364e−02	0.1394383933	2.761710e−02	0.324917193	3.739148e−07	NSF
ENSG00000074071	1.420273e+03	−0.1243414235	5.704842e−02	−0.084833148	1.982381e−01	−0.1420380528	3.135182e−02	−0.032398520	6.269735e−01	MRPS34
ENSG00000074201	3.175408e+03	−0.1714915894	1.291667e−03	0.004550378	9.326061e−01	−0.0209094935	6.976796e−01	0.015642052	7.741267e−01	CLNS1A
ENSG00000074266	6.394394e+02	0.1694266948	3.025076e−02	0.067874084	3.893416e−01	0.0995090146	2.069760e−01	−0.030744148	6.997771e−01	EED
ENSG00000074319	1.234905e+03	0.1247742890	4.939021e−02	0.218786321	6.339602e−04	0.0613250527	3.390740e−01	0.145105899	2.525257e−02	TSG101
ENSG00000074416	8.476173e+02	−0.2583506560	3.421238e−02	−0.275277027	2.406526e−02	−0.1902833873	1.188633e−01	−0.619056675	3.948506e−07	MGLL
ENSG00000074695	1.293701e+03	0.0905996528	3.051914e−01	−0.003139911	9.718364e−01	0.1388089768	1.184540e−01	0.211187056	1.839345e−02	LMAN1
ENSG00000074755	4.650731e+03	0.1168611919	4.242268e−02	0.020861318	7.199700e−01	0.0166235455	7.751585e−01	0.019396881	7.420023e−01	ZZEF1
ENSG00000074842	2.341636e+03	−0.0968608195	7.565297e−02	−0.053966450	3.272236e−01	−0.1267562271	2.148744e−02	−0.066354632	2.343236e−01	MYDGF
ENSG00000075089	4.606914e+02	−0.0044170482	9.410610e−01	0.087010560	1.480591e−01	0.1116155257	6.364355e−02	0.120840714	4.710419e−02	ACTR6
ENSG00000075142	1.321112e+03	−0.1119177669	4.594620e−02	0.184862224	1.055817e−03	0.0561023866	3.211457e−01	0.121337130	3.397774e−02	SRI
ENSG00000075188	3.423650e+02	0.0332564589	6.707472e−01	0.150280593	5.599769e−02	0.1784670739	2.326646e−02	0.161459237	4.203624e−02	NUP37
ENSG00000075218	1.283091e+01	0.2658082913	2.481819e−02	0.129139086	2.732528e−01	0.2112556402	7.322582e−02	0.067731348	5.632095e−01	GTSE1
ENSG00000075223	7.585276e+02	−0.1739092768	9.006139e−02	−0.162980142	1.136023e−01	−0.0353340168	7.315120e−01	−0.215587178	3.726595e−02	SEMA3C
ENSG00000075234	6.992697e+02	0.0643869923	4.246146e−01	0.102856391	2.052335e−01	0.0002704378	9.973456e−01	0.175743310	3.193793e−02	TTC38
ENSG00000075290	3.595894e+00	0.0599257574	5.558092e−01	0.135171878	1.832363e−01	0.0351744053	7.278252e−01	0.237332174	1.973538e−02	WNT8B
ENSG00000075292	1.984080e+03	0.1419745213	1.343030e−02	0.095963577	9.822945e−02	0.1406817830	1.534623e−02	0.153276425	9.067921e−03	ZNF638
ENSG00000075340	3.346846e+01	0.0510894279	6.887545e−01	−0.261634042	3.927754e−02	0.1166014269	3.589231e−01	−0.137064142	2.779807e−01	ADD2
ENSG00000075407	4.705893e+02	0.2369373858	2.436175e−03	0.197063876	1.237412e−02	0.1287283176	1.027676e−01	0.242864632	2.263724e−03	ZNF37A
ENSG00000075413	2.961739e+03	0.1464321281	1.147786e−03	0.048272166	2.895427e−01	−0.0002242057	9.960781e−01	0.064438936	1.632300e−01	MARK3
ENSG00000075415	1.572963e+04	−0.1293902512	3.072869e−02	−0.014488148	8.106796e−01	−0.0274740674	6.496556e−01	−0.034900134	5.686257e−01	SLC25A3
ENSG00000075426	2.614152e+04	0.1099244466	3.191078e−01	−0.012763504	9.081375e−01	−0.2254698180	4.151782e−02	−0.301619690	6.564338e−03	FOSL2
ENSG00000075539	2.853562e+03	0.1404028741	2.694085e−02	0.099370396	1.209676e−01	0.0639470878	3.184558e−01	−0.043363772	5.038523e−01	FRYL
ENSG00000075643	8.929465e+01	0.2868536131	1.379502e−02	0.172664595	1.367990e−01	0.1025101609	3.769841e−01	0.078868769	4.946834e−01	MOCOS
ENSG00000075702	1.105602e+02	0.3443595773	2.209137e−03	0.183074338	1.049541e−01	0.1712806585	1.295434e−01	0.025535513	8.220185e−01	WDR62

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000075711	1.641592e+03	0.101263183	1.737489e−02	0.091538849	3.359932e−02	0.046569051	0.2804222555	0.014258383	7.443609e−01	DLG1
ENSG00000075914	6.066009e+02	−0.121218758	3.387602e−02	−0.027066200	6.384011e−01	−0.006922119	0.9043808064	−0.089361686	1.259080e−01	EXOSC7
ENSG00000076067	9.996120e+02	0.091771251	3.981925e−01	0.028818671	7.913896e−01	0.116939499	0.2830912355	0.286642369	8.716615e−03	RBMS2
ENSG00000076356	1.913573e+02	0.234999069	6.356029e−02	0.116646467	3.567486e−01	0.265326222	0.0360152214	0.465831356	2.260134e−04	PLXNA2
ENSG00000076382	3.832516e+02	0.347820496	4.026546e−05	0.351606363	3.738741e−05	0.180110391	0.0351562916	0.170448228	4.800170e−02	SPAG5
ENSG00000076706	8.067703e+00	0.223904878	3.781341e−02	0.128642812	2.304834e−01	0.140549975	0.1899557215	0.192947531	7.133695e−02	MCAM
ENSG00000076770	2.672750e+03	−0.019347134	7.448369e−01	0.032426550	5.890559e−01	0.003365856	0.9552993111	0.167585592	5.784698e−03	MBNL3
ENSG00000077044	4.238770e+03	0.115724349	1.409463e−01	0.089390892	2.591175e−01	0.141473846	0.0740973000	0.173587837	2.991868e−02	DGKD
ENSG00000077097	6.001858e+03	0.096677786	2.641003e−02	0.082614099	6.070368e−02	0.068692111	0.1189543372	0.203799953	5.001959e−06	TOP2B
ENSG00000077147	5.118079e+03	0.086587960	1.305382e−01	0.073448548	2.042968e−01	0.115664570	0.0456046393	0.115508874	4.860936e−02	TM9SF3
ENSG00000077235	2.305211e+03	0.085974901	1.047678e−01	0.027921442	6.023341e−01	0.018011304	0.7368843094	0.121408562	2.522838e−02	GTF3C1
ENSG00000077254	2.604608e+03	0.060870422	9.789719e−02	0.011880752	7.497375e−01	0.138895023	0.0001883157	0.095749226	1.117498e−02	USP33
ENSG00000077312	2.814961e+03	−0.011943344	7.932751e−01	−0.040712981	3.771120e−01	−0.135382934	0.0033527122	−0.006573686	8.881344e−01	SNRPA
ENSG00000077348	8.631413e+02	−0.135016637	1.403268e−02	−0.082763970	1.356178e−01	−0.137312400	0.0134589211	0.040300861	4.724206e−01	EXOSC5
ENSG00000077549	1.012406e+04	−0.108664214	5.154382e−03	−0.047035397	2.313605e−01	−0.075896518	0.0535093863	−0.004909106	9.019852e−01	CAPZB
ENSG00000077616	1.845753e+01	0.098099195	4.464764e−01	0.200040951	1.192929e−01	0.108623609	0.3972311263	0.259657022	4.234283e−02	NAALAD2
ENSG00000077684	1.313254e+03	−0.162101804	4.438381e−02	−0.173202284	3.297662e−02	−0.156925587	0.0533871670	−0.124721047	1.280841e−01	JADE1
ENSG00000077721	3.082413e+03	0.017200856	6.482440e−01	0.090609446	1.747365e−02	0.116176532	0.0023139510	0.034231065	3.763256e−01	UBE2A
ENSG00000077942	1.125966e+00	0.106092771	4.143644e−02	0.028857788	5.781177e−01	0.075009844	0.1483819634	0.045479762	3.802276e−01	FBLN1
ENSG00000077984	1.298362e+03	0.128726655	3.024264e−01	0.256637525	3.966200e−02	0.003696366	0.9763642826	−0.015538431	9.008126e−01	CST7
ENSG00000078018	7.343071e−01	0.006892135	8.815918e−01	0.091000741	4.986299e−02	0.064266585	0.1650377773	0.023299270	6.143000e−01	MAP2
ENSG00000078061	4.035558e+03	0.091835205	1.832559e−02	0.008708371	8.251635e−01	0.035977275	0.3614800197	0.069744239	8.096493e−02	ARAF
ENSG00000078269	2.586047e+02	0.354424349	7.032926e−03	0.016493303	8.999246e−01	0.234666338	0.0735577816	0.132659595	3.101007e−01	SYNJ2
ENSG00000078295	8.913579e−01	0.062894077	2.261699e−01	0.109349154	3.561969e−02	0.071984128	0.1653721060	0.029731176	5.659929e−01	ADCY2
ENSG00000078304	3.497535e+03	0.035273674	3.696144e−01	0.052939654	1.831999e−01	0.088523665	0.0260475244	0.049854899	2.165499e−01	PPP2R5C
ENSG00000078319	1.916493e+02	−0.188960220	2.396594e−02	−0.026079367	7.558713e−01	−0.109603272	0.1927784253	−0.093390164	2.706958e−01	PMS2P1
ENSG00000078369	1.935014e+04	−0.060506043	3.262966e−02	−0.027471534	3.379596e−01	−0.037991079	0.1852103958	−0.025480235	3.813249e−01	GNB1
ENSG00000078399	1.373556e+02	−0.301219030	2.235086e−02	−0.230398270	7.964461e−02	−0.131973002	0.3153872467	0.079673512	5.428326e−01	HOXA9
ENSG00000078401	1.334047e+01	0.285975998	2.227421e−02	0.084965900	4.946756e−01	−0.165216332	0.1827916535	−0.049424037	6.892652e−01	EDN1
ENSG00000078589	3.171660e+02	−0.030002175	8.007643e−01	0.101627184	3.928523e−01	0.228507514	0.0546463007	−0.325589430	6.303529e−03	P2RY10
ENSG00000078618	6.128381e+03	0.008894522	8.105565e−01	0.089150363	1.752353e−02	0.020286880	0.5890608098	0.081540201	3.225743e−02	NRDC
ENSG00000078668	2.567769e+03	−0.099757442	2.988515e−02	−0.047343847	3.079355e−01	0.003694956	0.9365708208	−0.029064407	5.368510e−01	VDAC3
ENSG00000078674	2.825157e+03	0.236805922	4.533415e−06	0.156454729	2.738312e−03	0.122446997	0.0191100757	0.204087953	1.144426e−04	PCM1
ENSG00000078699	1.335498e+03	−0.041273089	4.860284e−01	−0.087426841	1.441878e−01	−0.046986971	0.4325277019	−0.129681237	3.245239e−02	CBFA2T2
ENSG00000078814	4.225464e+01	0.266908556	4.053009e−02	0.057268995	6.598721e−01	0.070416463	0.5884634056	0.194839954	1.330612e−01	MYH7B
ENSG00000078900	1.898642e+01	0.207973018	1.047299e−02	−0.020873880	7.966010e−01	0.033283453	0.6811079795	0.041854253	6.046973e−01	TP73
ENSG00000079101	3.147495e+00	0.078093531	3.012764e−01	0.116888393	1.216037e−01	0.163428240	0.0304549959	0.037636767	6.166577e−01	CLUL1
ENSG00000079134	8.015223e+02	0.171446377	3.023214e−03	0.151599845	9.453013e−03	0.155293591	0.0078885492	0.090994943	1.244086e−01	THOC1
ENSG00000079215	3.639938e+01	0.019590065	8.768793e−01	0.285357625	2.363796e−02	−0.017606069	0.8888236703	0.181588630	1.476435e−01	SLC1A3
ENSG00000079246	9.867559e+03	−0.041396291	2.107189e−01	0.018306132	5.843946e−01	0.057092292	0.0880308827	0.077802904	2.195603e−02	XRCC5
ENSG00000079263	8.685104e+02	0.207336285	2.138836e−02	0.215743332	1.727375e−02	0.122842219	0.1754762511	0.341685729	1.821168e−04	SP140
ENSG00000079313	2.415647e+03	0.132932596	2.173804e−02	−0.073430376	2.099770e−01	−0.148027300	0.0115571101	−0.024321848	6.817182e−01	REXO1
ENSG00000079385	2.076004e+01	0.084029231	4.971572e−01	0.196732448	1.109457e−01	0.174125019	0.1581356452	0.258764385	3.511010e−02	CEACAM1
ENSG00000079459	4.071452e+03	−0.159323450	1.088439e−02	−0.053685108	3.952785e−01	−0.092978747	0.1410352480	0.009327204	8.839429e−01	FDFT1
ENSG00000079616	7.664390e+02	0.002426572	9.732632e−01	−0.109802813	1.330995e−01	0.017028266	0.8156545522	−0.214021445	3.797784e−03	KIF22
ENSG00000079785	1.360181e+03	0.012957186	7.930655e−01	0.095620306	5.514056e−02	0.085415097	0.0869355723	0.223169715	9.718978e−06	DDX1
ENSG00000079931	1.385013e+00	0.165497249	1.987574e−02	0.069539822	3.251228e−01	0.013741245	0.8451630642	0.101155420	1.522530e−01	MOXD1
ENSG00000079950	4.120963e+03	0.061308990	4.277161e−01	0.121006976	1.203546e−01	0.230458963	0.0030907615	0.152748744	5.214294e−02	STX7
ENSG00000079999	1.009214e+03	0.070405454	1.765266e−01	0.007770984	8.827674e−01	−0.002615512	0.9604526259	0.162072284	2.345611e−03	KEAP1
ENSG00000080166	2.145765e+00	−0.114510091	1.680616e−01	−0.167623909	4.289560e−02	−0.159961077	0.0530377749	−0.122871534	1.371251e−01	DCT
ENSG00000080345	1.711799e+03	0.140357575	2.289001e−02	0.031885103	6.089937e−01	0.043819209	0.4821663879	−0.005511518	9.304017e−01	RIF1
ENSG00000080371	1.997534e+03	0.131759394	4.860419e−02	0.095326340	1.574905e−01	0.048638840	0.4709451094	0.087454776	1.997742e−01	RAB21
ENSG00000080546	4.569919e+02	0.044974754	7.170138e−01	0.240644275	5.231039e−02	0.118225939	0.3404953236	0.310566083	1.221310e−02	SESN1
ENSG00000080573	4.273571e+00	0.061435074	4.362192e−01	0.010169688	8.972104e−01	0.172168919	0.0290872962	0.075390233	3.372929e−01	COL5A3
ENSG00000080815	3.534436e+03	0.063374575	1.840671e−01	0.064462944	1.814901e−01	0.105846012	0.0282362386	0.157059310	1.309023e−03	PSEN1
ENSG00000080819	4.405365e+02	−0.071051911	2.869712e−01	0.099673619	1.370241e−01	0.049958785	0.4569760203	0.163863015	1.562045e−02	CPOX
ENSG00000080822	1.280995e+03	−0.027809741	7.131522e−01	0.099730358	1.906618e−01	0.169717955	0.0259253147	0.091310928	2.354549e−01	CLDND1
ENSG00000080824	1.688410e+04	0.049746167	3.448624e−01	0.059744910	2.616598e−01	−0.020013950	0.7069386498	0.107347974	4.651162e−02	HSP90AA1
ENSG00000080986	1.369590e+01	0.277788937	1.098642e−02	0.193143077	7.593326e−02	0.294650617	0.0068113584	0.149251051	1.679322e−01	NDC80
ENSG00000081052	1.518169e+01	0.062703516	5.895535e−01	0.266306753	2.171195e−02	0.248227677	0.0323003782	0.206777646	7.333747e−02	COL4A4
ENSG00000081177	3.172011e+02	−0.032884109	6.992251e−01	−0.036434257	6.705832e−01	0.174977126	0.0405646696	0.057540542	5.049575e−01	EXD2
ENSG00000081377	1.271229e+01	−0.242198374	1.162915e−02	−0.257890364	7.069657e−03	−0.208170191	0.0297019129	−0.245854068	9.966163e−03	CDC14B
ENSG00000081665	4.041062e+02	−0.094169473	2.800350e−01	0.184985844	3.441471e−02	0.013961182	0.8734436438	−0.028098772	7.505413e−01	ZNF506
ENSG00000081791	5.354226e+03	−0.054402255	3.380281e−01	−0.053199984	3.537501e−01	−0.107624441	0.0607204161	−0.117794192	4.262996e−02	KIAA0141
ENSG00000081870	4.362717e+02	0.018148511	7.780429e−01	0.073326518	2.583664e−01	0.154230419	0.0173268317	0.089041301	1.750144e−01	HSPB11
ENSG00000081923	3.689724e+01	−0.147257471	2.469627e−01	−0.190756595	1.332814e−01	−0.303262968	0.0171707248	−0.260607722	4.012653e−02	ATP8B1
ENSG00000082068	1.083987e+03	−0.082681569	1.770803e−01	−0.041975352	4.970339e−01	−0.150957015	0.0147569077	−0.001395735	9.822014e−01	WDR70
ENSG00000082212	2.926430e+03	0.025140251	5.943638e−01	0.045005246	3.456268e−01	0.031174386	0.5137575227	0.138804432	4.099285e−03	ME2
ENSG00000082438	3.976828e+01	0.058609643	6.320719e−01	0.209703946	8.564140e−02	0.185399053	0.1285141020	0.303368144	1.250921e−02	COBLL1
ENSG00000082458	2.815181e+01	−0.267407292	3.198901e−02	−0.149379776	2.294198e−01	−0.020118425	0.8714696069	−0.009163980	9.409878e−01	DLG3
ENSG00000082512	7.597421e+02	0.199870596	2.860500e−02	0.124833269	1.742490e−01	0.324639153	0.0004061640	0.131797728	1.543592e−01	TRAF5
ENSG00000082516	3.838761e+02	0.105351046	2.938493e−01	0.050467199	6.166489e−01	0.089052148	0.3770529875	0.201742564	4.641436e−02	GEMIN5
ENSG00000082781	7.513948e+02	−0.089357984	4.579624e−01	−0.237504628	4.867364e−02	−0.097205258	0.4196914854	−0.337261626	5.144873e−03	ITGB5
ENSG00000082898	7.126461e+03	0.036965005	4.936011e−01	0.040371116	4.593835e−01	0.068041714	0.2124221723	0.119397383	3.073607e−02	XPO1
ENSG00000083123	3.545113e+02	−0.179455355	1.319151e−02	−0.046819565	5.201809e−01	−0.087275764	0.2314619414	−0.112474064	1.267297e−01	BCKDHB
ENSG00000083290	1.897081e+03	−0.190687171	1.620996e−03	−0.155548888	1.088107e−02	−0.177887765	0.0036033018	−0.130138716	3.524620e−02	ULK2
ENSG00000083444	2.381136e+03	−0.042074288	5.076639e−01	0.014397051	8.222949e−01	−0.136252847	0.0337055608	0.039198344	5.455330e−01	PLOD1
ENSG00000083454	2.286096e+02	0.253045932	4.054005e−02	0.389282733	1.618059e−03	0.193733714	0.1168835041	0.308995189	1.231155e−02	P2RX5
ENSG00000083635	2.628273e+02	0.243313211	1.464486e−02	0.152187325	1.287966e−01	0.021158499	0.8330401559	0.060298691	5.499004e−01	NUFIP1
ENSG00000083642	1.687781e+03	0.145746840	2.235854e−03	−0.004760229	9.214865e−01	0.047206209	0.3282837445	0.034357821	4.826402e−01	PDS5B
ENSG00000083750	3.781686e+02	−0.163598026	1.899808e−02	−0.073256828	2.968517e−01	−0.134661773	0.0557274015	−0.195168729	6.098200e−03	RRAGB
ENSG00000083807	9.952940e+01	−0.225617116	2.044382e−02	−0.049253866	6.126004e−01	−0.039867925	0.6821616743	−0.175958847	7.314169e−02	SLC27A5
ENSG00000083812	3.522904e+02	0.084401834	3.250294e−01	0.048783958	5.721080e−01	−0.046255542	0.5928373286	−0.177208790	4.249962e−02	ZNF324
ENSG00000083845	2.269971e+04	−0.123672261	2.346926e−02	−0.087828960	1.113154e−01	−0.092792189	0.0925231436	−0.151584877	6.665675e−03	RPS5
ENSG00000083896	2.753352e+03	0.173805313	4.363875e−03	0.073466189	2.329889e−01	0.030473538	0.6209243887	−0.010512273	8.661563e−01	YTHDC1
ENSG00000084072	1.166014e+03	−0.020695206	7.791323e−01	−0.048077637	5.181900e−01	0.168421689	0.0234503612	0.091828283	2.215985e−01	PPIE
ENSG00000084073	1.467533e+03	0.039063694	5.096978e−01	0.119624243	4.545531e−02	0.152888899	0.0105719551	0.172609373	4.333892e−03	ZMPSTE24
ENSG00000084093	1.720976e+03	−0.016467337	8.467666e−01	−0.171604658	4.557256e−02	−0.053063748	0.5363253801	0.061161833	4.794556e−01	REST
ENSG00000084112	4.131909e+03	−0.032088654	5.606183e−01	−0.129144953	2.051384e−02	−0.083869047	0.1324233406	−0.164984453	3.477362e−03	SSH1
ENSG00000084207	1.587208e+04	−0.121516450	7.472505e−03	−0.091101397	4.736505e−02	−0.073012386	0.1120110211	−0.053022897	2.549242e−01	GSTP1
ENSG00000084623	5.291487e+03	−0.130505075	1.270473e−05	−0.057304915	5.809593e−02	−0.124760605	0.0000378323	−0.091761800	2.810210e−03	EIF3I
ENSG00000084652	1.754350e+03	0.167147373	1.282219e−02	0.034319853	6.128287e−01	0.060900418	0.3692395969	0.169188706	1.357731e−02	TXLNA
ENSG00000084731	6.758134e+01	−0.098769058	4.196277e−01	−0.059896756	6.244075e−01	0.146238732	0.2311133112	0.286455158	1.878436e−02	KIF3C
ENSG00000084733	4.268470e+03	−0.010422970	8.599196e−01	0.028026565	6.384456e−01	0.096060249	0.1072623561	0.154190965	1.063728e−02	RAB10
ENSG00000084754	1.147290e+04	−0.135352069	2.581329e−03	−0.078303401	8.471125e−02	−0.123833470	0.0064132844	−0.078905586	8.662843e−02	HADHA
ENSG00000085377	1.380455e+03	−0.024687904	6.506973e−01	0.060256375	2.735293e−01	0.077992927	0.1565086525	0.130160530	1.947170e−02	PREP
ENSG00000085415	1.210350e+03	0.157653418	2.691583e−02	0.173402635	1.581828e−02	0.250240594	0.0004954068	0.250414260	5.604679e−04	SEH1L
ENSG00000085449	2.103821e+03	0.038559061	5.023031e−01	−0.011192863	8.471637e−01	0.018201621	0.7539728154	0.185346016	1.604140e−03	WDFY1
ENSG00000085511	1.268427e+03	0.103637926	4.971797e−02	0.138399648	9.496830e−03	0.034159767	0.5228919514	−0.038228183	4.803772e−01	MAP3K4
ENSG00000085563	1.846885e+01	0.278252821	1.886508e−02	0.235577151	4.595548e−02	0.276555537	0.0191322379	0.319907557	6.492047e−03	ABCB1
ENSG00000085644	4.976340e+02	−0.049713396	5.557875e−01	0.015310249	8.569101e−01	−0.053228819	0.5312008768	0.221055612	9.695177e−03	ZNF213
ENSG00000085662	2.362705e+03	−0.147185653	3.391665e−02	−0.070694909	3.124975e−01	−0.050488229	0.4707520021	−0.147422799	3.723701e−02	AKR1B1
ENSG00000085721	1.310098e+03	0.180178748	2.466196e−02	0.157728408	5.093487e−02	0.106469246	0.1877943256	0.023178926	7.763746e−01	RRN3
ENSG00000085733	1.916189e+01	−0.235748063	3.651280e−03	−0.274256006	7.024453e−04	−0.197290398	0.0147993890	−0.256362992	1.496904e−03	CTTN
ENSG00000085831	6.935296e+00	0.211069899	6.212875e−02	0.368683118	1.125332e−03	0.182214480	0.1059243079	0.060779325	5.867792e−01	TTC39A

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000085832	2.635355e+03	0.080168199	1.152742e−01	0.013726700	0.789742383	0.065442164	2.036048e−01	0.179158088	5.850289e−04	EPS15
ENSG00000085840	5.444250e+01	0.227302547	8.317706e−02	0.034485697	0.792215371	0.268219526	4.039663e−02	0.165443408	2.047541e−01	ORC1
ENSG00000085871	1.315004e+03	−0.163586690	1.145224e−02	0.006136990	0.925015549	−0.064707586	3.214482e−01	−0.043525126	5.096124e−01	MGST2
ENSG00000085872	1.454031e+03	0.150411411	1.454202e−02	−0.023727004	0.703051774	0.069311583	2.652406e−01	0.125079655	4.681330e−02	CHERP
ENSG00000085998	7.415112e+02	−0.109994557	3.954057e−02	−0.016137406	0.764505533	0.001287753	9.809378e−01	0.012728477	8.154973e−01	POMGNT1
ENSG00000085999	1.932244e+01	0.188053428	1.463361e−01	0.221403942	0.086206004	0.269123352	3.702684e−02	0.303159097	1.823586e−02	RAD54L
ENSG00000086015	1.358772e+03	0.211180911	1.852575e−03	0.090219027	0.187873963	0.143869912	3.570938e−02	0.141114137	4.158554e−02	MAST2
ENSG00000086061	3.677465e+03	0.224359941	5.347560e−03	0.105152448	0.195098843	0.136674552	9.217743e−02	0.221488609	6.843380e−03	DNAJA1
ENSG00000086065	1.032693e+03	−0.020775705	7.928342e−01	0.083914435	0.292010011	−0.007509504	9.249303e−01	0.199634675	1.300192e−02	CHMP5
ENSG00000086200	2.870516e+02	0.245009591	2.124429e−03	0.216021378	0.007186807	0.202476368	1.184210e−02	0.239624844	3.139999e−03	IPO11
ENSG00000086232	4.741905e+03	−0.108516221	3.541537e−02	−0.039088068	0.453378350	−0.075176522	1.494126e−01	−0.002770594	9.581592e−01	EIF2AK1
ENSG00000086504	1.311517e+03	−0.107174621	2.810337e−02	−0.075800043	0.124293395	−0.189456587	1.272636e−04	−0.040131391	4.218371e−01	MRPL28
ENSG00000086619	5.587732e+02	0.149607267	3.575975e−02	0.094282036	0.190049065	0.199545674	5.501253e−03	−0.014608147	8.409334e−01	ERO1B
ENSG00000086666	2.016339e+03	0.143490292	2.120989e−02	0.133550363	0.033691926	0.183852325	3.457575e−03	0.061932754	3.305743e−01	ZFAND6
ENSG00000086712	5.994588e+02	0.198714664	6.783140e−03	0.134068469	0.070166989	0.081771356	2.699414e−01	0.133484649	7.459308e−02	TXLNG
ENSG00000086730	5.770868e+03	−0.143604898	6.435563e−03	−0.025681057	0.629586662	−0.107953954	4.269521e−02	0.036678961	4.964995e−01	LAT2
ENSG00000087053	4.464796e+02	0.107656085	1.588695e−01	0.141680681	0.065745640	0.172427827	2.514275e−02	0.198638083	1.053368e−02	MTMR2
ENSG00000087085	2.371828e+01	0.287043478	1.408430e−02	−0.077026185	0.507665180	0.051643791	6.571019e−01	−0.057206530	6.210056e−01	ACHE
ENSG00000087088	2.514138e+03	−0.116754049	1.671548e−02	−0.014037114	0.775825010	−0.060905907	2.169551e−01	−0.133087890	7.773460e−03	BAX
ENSG00000087111	3.182207e+03	−0.073521976	4.904263e−02	−0.033402790	0.376620170	0.005387185	8.866122e−01	0.048060604	2.094711e−01	PIGS
ENSG00000087152	5.356446e+03	−0.066095862	1.391605e−01	−0.128080250	0.004615648	−0.114865941	1.108185e−02	−0.097400421	3.360118e−02	ATXN7L3
ENSG00000087191	3.129076e+03	−0.076020507	3.677044e−02	−0.025553365	0.487637318	−0.086952038	1.834539e−02	−0.008225417	8.256704e−01	PSMC5
ENSG00000087206	1.089938e+03	0.063913753	3.341568e−01	−0.007437509	0.911387758	−0.104305791	1.190571e−01	−0.135126201	4.586733e−02	UIMC1
ENSG00000087245	6.730571e−01	0.011423952	7.592363e−01	0.096358509	0.009877192	0.003789009	9.189124e−01	0.018905113	6.118119e−01	MMP2
ENSG00000087263	6.437755e+02	−0.115426931	7.825225e−02	−0.046117627	0.485132066	0.096840132	1.420236e−01	0.171455644	1.006570e−02	OGFOD1
ENSG00000087269	1.731774e+03	0.073702308	1.031951e−01	0.006033928	0.895091255	−0.021952730	6.317457e−01	0.091535762	4.846069e−02	NOP14
ENSG00000087301	9.254779e+02	−0.128607948	1.528389e−01	−0.175940776	0.051974444	−0.095891179	2.894422e−01	−0.370238822	4.976673e−05	TXNDC16
ENSG00000087302	3.532078e+03	−0.158730826	6.658183e−05	0.007244476	0.856995650	−0.043611159	2.784238e−01	−0.081280363	4.644878e−02	C14orf166
ENSG00000087303	5.794061e+00	0.239920535	3.545572e−02	0.112952460	0.319180086	0.022897264	8.394553e−01	0.124763873	2.688782e−01	NID2
ENSG00000087365	7.888101e+03	−0.067336004	9.051501e−02	−0.071039332	0.077557052	−0.116288576	3.874302e−03	−0.019386021	6.348619e−01	SF3B2
ENSG00000087460	3.041811e+04	−0.109803931	1.503538e−02	−0.139482879	0.002258960	−0.122545408	7.296484e−03	−0.146664695	1.539506e−03	GNAS
ENSG00000087589	1.619477e+03	0.078489429	3.606409e−01	0.027155922	0.753410984	−0.019905581	8.179248e−01	−0.193347324	2.662923e−02	CASS4
ENSG00000087995	2.099371e+02	0.058027819	4.599536e−01	−0.005093915	0.948720916	0.016825271	8.318614e−01	0.189594516	1.728851e−02	METTL2A
ENSG00000088035	3.223047e+02	0.119566583	1.861160e−01	0.169296066	0.062557733	0.211211612	2.015385e−02	0.142096347	1.209386e−01	ALG6
ENSG00000088038	1.537264e+03	0.078452279	1.679771e−01	−0.002786490	0.961362763	0.008732229	8.793692e−01	0.142510723	1.431449e−02	CNOT3
ENSG00000088053	1.330148e+01	−0.300201209	6.539789e−03	−0.307667513	0.005179682	−0.198718949	7.117920e−02	−0.239779772	2.871984e−02	GP6
ENSG00000088280	3.093549e+01	0.183686235	1.634262e−01	0.062989875	0.631740852	0.272506938	3.810071e−02	0.168198667	1.988532e−01	ASAP3
ENSG00000088356	4.257257e+02	−0.151357092	7.024223e−02	−0.206190536	0.014365708	−0.179718398	3.289594e−02	−0.163135820	5.477166e−02	PDRG1
ENSG00000088538	7.198554e+00	0.241069026	4.049466e−02	0.086129693	0.461275909	0.112325814	3.365089e−01	0.115436240	3.214042e−01	DOCK3
ENSG00000088682	6.599726e+02	−0.113065561	3.316783e−02	−0.046137249	0.388886812	−0.024806562	6.433273e−01	−0.029844379	5.820249e−01	COQ9
ENSG00000088766	1.023307e+03	−0.024774229	7.134477e−01	0.017934252	0.792112693	0.100740657	1.385746e−01	0.174431967	1.113476e−02	CRLS1
ENSG00000088826	8.435629e+02	0.271428639	3.938467e−02	0.282387147	0.031517822	−0.003145739	9.808876e−01	0.243916280	6.214004e−02	SMOX
ENSG00000088827	3.050450e+03	0.186468226	1.159612e−01	0.053841107	0.648698783	−0.009795215	9.339457e−01	0.401445892	6.434728e−04	SIGLEC1
ENSG00000088832	9.513490e+03	−0.153873466	1.778507e−04	0.004291513	0.917651321	−0.008935573	8.295789e−01	−0.018930246	6.529744e−01	FKBP1A
ENSG00000088836	5.287923e+00	0.056027367	5.925400e−01	0.053884964	0.605630605	0.212749861	4.208732e−02	0.232932525	2.570575e−02	SLC4A11
ENSG00000088881	1.057597e+01	0.314853089	8.178640e−03	0.206792512	0.080923764	0.211331439	7.433861e−02	0.287272249	1.489472e−02	EBF4
ENSG00000088882	1.205963e+01	0.114301198	2.979364e−01	0.259998259	0.017737242	0.227014877	3.827441e−02	0.251950114	2.097121e−02	CPXM1
ENSG00000088930	6.004973e+03	0.048874541	2.476127e−01	0.054180160	0.205111333	0.043735024	3.065037e−01	0.158060318	2.660835e−04	XRN2
ENSG00000088970	3.491618e+02	0.191955121	1.928037e−02	0.071152829	0.389873524	−0.041495361	6.168920e−01	−0.041527853	6.195945e−01	KIZ
ENSG00000089006	3.636107e+03	−0.103377331	4.299247e−02	0.066287345	0.198824442	0.013960747	7.867852e−01	−0.106345333	4.210550e−02	SNX5
ENSG00000089009	1.594459e+04	−0.235789703	3.211049e−06	−0.121164293	0.017908438	−0.180982622	4.063869e−04	−0.258268206	6.384945e−07	RPL6
ENSG00000089050	4.775893e+02	0.025058942	7.471796e−01	0.062713041	0.423303030	0.154746734	4.802712e−02	0.027902512	7.241710e−01	RBBP9
ENSG00000089053	5.034843e+03	−0.092913330	1.047957e−02	−0.030244570	0.410112750	0.010389024	7.772214e−01	−0.041067832	2.703475e−01	ANAPC5
ENSG00000089063	2.778986e+03	−0.157733625	6.488789e−03	0.008652595	0.882394026	−0.056992746	3.301056e−01	−0.103324553	8.118010e−02	TMEM230
ENSG00000089091	6.954009e+01	0.014754346	8.960951e−01	0.009714985	0.931578088	0.233547040	3.833982e−02	−0.024109124	8.319371e−01	DZANK1
ENSG00000089094	6.777668e+03	−0.059166207	3.405890e−01	−0.118561587	0.058617350	−0.050350536	4.218999e−01	−0.179524312	4.665456e−03	KDM2B
ENSG00000089127	1.886606e+03	0.064804261	6.190457e−01	0.048864958	0.707117103	0.010249015	9.371871e−01	0.371663375	4.160861e−03	OAS1
ENSG00000089154	3.015194e+03	0.104416295	5.434241e−02	0.019882096	0.717071730	0.060969435	2.664607e−01	0.181449988	1.083541e−03	GCN1
ENSG00000089157	3.901767e+04	−0.172241955	1.338886e−03	−0.096002112	0.076889516	−0.097975777	7.101810e−02	−0.143929724	8.841270e−03	RPLP0
ENSG00000089195	2.238192e+03	0.252391048	5.868194e−03	0.172756790	0.060831245	0.026239451	7.759081e−01	0.162923456	7.919658e−02	TRMT6
ENSG00000089199	1.441441e+00	0.049522145	3.932418e−01	0.139453444	0.016410587	0.047421582	4.127216e−01	0.009149692	8.742292e−01	CHGB
ENSG00000089248	7.840961e+03	−0.227565561	1.545975e−09	−0.065028412	0.087843419	−0.166893620	1.199589e−05	−0.164158788	2.188228e−05	ERP29
ENSG00000089289	2.693849e+03	−0.124747283	9.728795e−03	−0.046708959	0.337980012	−0.177131818	2.850863e−04	−0.070843555	1.518475e−01	IGBP1
ENSG00000089327	1.019414e+04	−0.085479544	1.718349e−01	−0.048644130	0.441246911	−0.143645258	2.298406e−02	−0.106332023	9.620817e−02	FXYD5
ENSG00000089505	4.509116e+01	0.185131932	1.512043e−01	0.128844716	0.317174818	0.155091503	2.286084e−01	0.261096718	4.205478e−02	CMTM1
ENSG00000089639	6.539035e+03	0.111162915	6.474121e−02	0.020106757	0.740839139	0.008252877	8.920269e−01	0.129808924	3.486871e−02	GMIP
ENSG00000089685	3.662927e+01	0.265032592	3.457013e−02	0.140992723	0.258900008	0.427093529	6.334012e−04	0.182953396	1.409584e−01	BIRC5
ENSG00000089692	2.347827e+01	0.203884619	1.110434e−01	0.261320686	0.040419194	0.181819136	1.536351e−01	0.215604555	8.916265e−02	LAG3
ENSG00000089737	3.891910e+03	0.123539069	1.789214e−02	0.053814247	0.307670886	0.006706032	8.988849e−01	−0.077462640	1.474743e−01	DDX24
ENSG00000089818	1.520767e+03	0.056396356	3.121097e−01	0.040462605	0.472918764	−0.073249849	1.945254e−01	−0.137955282	1.589611e−02	NECAP1
ENSG00000090060	7.819630e+03	0.028075463	4.433278e−01	0.008073032	0.827592201	0.027143529	4.640547e−01	0.082204252	2.877388e−02	PAPOLA
ENSG00000090097	5.738129e+01	0.146851223	2.435797e−01	0.044390246	0.724441822	0.318037302	1.139435e−02	0.143769435	2.527282e−01	PCBP4
ENSG00000090238	1.539923e+03	−0.130473044	6.282893e−02	−0.090256425	0.201973838	−0.065224247	3.565313e−01	−0.197337768	5.806270e−03	YPEL3
ENSG00000090263	5.760833e+02	−0.280498567	9.556394e−06	0.043708263	0.491551057	−0.036331548	5.683680e−01	−0.095229094	1.396074e−01	MRPS33
ENSG00000090266	2.236828e+03	−0.093344306	4.471438e−02	0.038067908	0.417574508	0.025447281	5.881026e−01	0.032589493	4.935819e−01	NDUFB2
ENSG00000090339	4.382346e+03	0.077944350	4.270860e−01	−0.018706784	0.849542671	−0.057934585	5.568852e−01	−0.254447020	1.032353e−02	ICAM1
ENSG00000090372	3.757520e+03	−0.077057802	1.453397e−01	−0.151262865	0.004693329	−0.119336753	2.571269e−02	−0.097965203	7.063154e−02	STRN4
ENSG00000090376	3.839047e+03	−0.042406051	6.829921e−01	0.087345500	0.401981913	0.122815768	2.386276e−01	0.247040861	1.829026e−02	IRAK3
ENSG00000090487	4.262937e+03	−0.114777748	7.512751e−03	−0.004338724	0.920376858	0.018276069	6.737472e−01	−0.027390418	5.337165e−01	SPG21
ENSG00000090520	2.725149e+03	0.167473609	5.531518e−03	0.127110707	0.037109591	0.115780720	5.765627e−02	0.029480315	6.330380e−01	DNAJB11
ENSG00000090554	5.117500e+01	0.270525988	2.731722e−02	0.083637483	0.495795215	0.009942067	9.355632e−01	0.039960374	7.451965e−01	FLT3LG
ENSG00000090581	2.118917e+03	−0.077377860	8.121172e−02	−0.049850483	0.266585412	−0.104533077	1.997578e−02	−0.066735283	1.424388e−01	GNPTG
ENSG00000090612	3.110646e+02	0.029634382	7.430569e−01	0.179021260	0.048611157	−0.003626844	9.682183e−01	−0.036201980	6.929216e−01	ZNF268
ENSG00000090621	1.082470e+04	−0.054931297	4.138656e−01	−0.046765338	0.490624241	−0.083030278	2.210375e−01	−0.168756653	1.390974e−02	PABPC4
ENSG00000090776	3.307283e+03	−0.064409568	5.132990e−01	−0.224632068	0.023269864	−0.047606525	6.305706e−01	−0.087340813	3.803506e−01	EFNB1
ENSG00000090905	1.586470e+03	0.098808943	4.302928e−02	0.028103501	0.569513522	0.054907260	2.665507e−01	0.004647443	9.260994e−01	TNRC6A
ENSG00000090924	3.014590e+03	0.319521428	4.525019e−03	0.185621916	0.099813348	0.065776022	5.597996e−01	0.152278660	1.781184e−01	PLEKHG2
ENSG00000091039	6.409881e+03	0.031611137	5.819040e−01	−0.040073000	0.489678429	0.014375278	8.042701e−01	0.133372362	2.311748e−02	OSBPL8
ENSG00000091106	6.643736e+02	0.169050226	9.687875e−02	0.168592960	0.099145448	0.351961631	5.725995e−04	0.324596079	1.576147e−03	NLRC4
ENSG00000091127	2.223513e+02	0.025352165	8.022311e−01	0.038588350	0.704164831	0.263750434	9.309352e−03	0.139183593	1.725694e−01	PUS7
ENSG00000091129	6.689592e+00	0.158837098	1.701936e−01	0.268095251	0.020527740	0.248843786	3.133830e−02	−0.044234100	6.987207e−01	NRCAM
ENSG00000091136	1.620593e+01	0.209184694	1.093261e−01	0.201047826	0.122367043	0.084380677	5.163466e−01	0.351065023	6.778687e−03	LAMB1
ENSG00000091157	1.246569e+03	0.006052903	9.252451e−01	0.023028411	0.723509710	−0.036293046	5.774847e−01	0.157021230	1.702925e−02	WDR7
ENSG00000091164	1.608088e+03	0.019736714	6.838647e−01	0.028881472	0.555459788	0.030915657	5.281687e−01	0.126939785	1.050704e−02	TXNL1
ENSG00000091513	8.212090e+00	0.279558325	1.433612e−02	0.317821333	0.005242541	0.130447387	2.500441e−01	0.042784926	7.044574e−01	TF
ENSG00000091542	2.494387e+03	−0.066785667	3.305600e−01	−0.187871274	0.006703851	−0.093300847	1.780675e−01	−0.083434705	2.334238e−01	ALKBH5
ENSG00000091622	1.142082e+01	0.301908859	1.957665e−02	0.131585693	0.306535144	0.336717474	8.988797e−03	0.203294947	1.124440e−01	PITPNM3
ENSG00000091640	1.942779e+03	−0.080119253	1.883924e−01	−0.014362224	0.815309304	−0.058842495	3.388300e−01	−0.126378078	4.242082e−02	SPAG7
ENSG00000091651	1.085774e+02	0.292269832	8.858563e−03	0.171773024	0.125320810	0.357671087	1.385527e−03	0.056061989	6.185561e−01	ORC6
ENSG00000092020	1.184144e+03	0.040975670	5.176499e−01	0.127085669	0.046674564	0.064865889	3.104102e−01	0.074469129	2.495630e−01	PPP2R3C
ENSG00000092051	1.877604e+02	0.152233191	1.650841e−01	0.081134242	0.460886834	0.230992449	3.561103e−02	0.076670430	4.872791e−01	JPH4
ENSG00000092054	1.903989e+00	0.140759974	4.169161e−02	0.055006337	0.424520639	0.172040190	1.271554e−02	0.151460745	2.788518e−02	MYH7
ENSG00000092108	1.499856e+03	0.079840961	1.676601e−01	0.020344469	0.727955472	0.150097323	1.021350e−02	0.085842476	1.469150e−01	SCFD1
ENSG00000092140	5.808567e+02	0.208633143	3.424258e−03	0.098393012	0.171708257	0.131218647	6.837466e−02	0.057183173	4.323323e−01	G2E3
ENSG00000092200	3.459955e+02	0.074249063	4.867391e−01	0.020880446	0.845469477	−0.110033136	3.048381e−01	−0.313358562	3.630092e−03	RPGRIP1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000092201	3.467788e+03	−0.071619205	7.913078e−02	0.009732476	0.8133987845	0.011625887	7.780460e−01	0.1039762619	1.285188e−02	SUPT16H
ENSG00000092203	2.017982e+03	0.123062308	3.042742e−02	0.134162443	0.0194725994	0.014687088	7.983626e−01	0.1652242471	4.497394e−03	TOX4
ENSG00000092208	1.360739e+02	0.086312834	3.307577e−01	−0.063428904	0.4791291051	0.177062905	4.682689e−02	0.2085095978	2.013873e−02	GEMIN2
ENSG00000092421	5.347840e+01	0.039556803	7.312904e−01	0.082399871	0.4743515797	0.140798751	2.213424e−01	0.2340168385	4.217436e−02	SEMA6A
ENSG00000092445	2.191483e+01	0.275965957	3.414422e−02	0.046651998	0.7190020128	0.091443742	4.806724e−01	0.1802302136	1.628167e−01	TYRO3
ENSG00000092470	7.929356e+01	0.324173994	8.205479e−03	0.354866862	0.0037929207	0.301358593	1.402903e−02	0.2996953609	1.455397e−02	WDR76
ENSG00000092621	1.070577e+02	0.326964273	1.312732e−02	0.073529661	0.5757415551	0.207036606	1.151007e−01	0.4070786605	1.865883e−03	PHGDH
ENSG00000092820	1.518865e+04	0.229435053	2.063111e−02	0.108982122	0.2737531868	0.097665097	3.266916e−01	0.0039409601	9.686082e−01	EZR
ENSG00000092841	1.750018e+04	−0.094776390	2.407867e−02	0.010206551	0.8101861823	−0.034386192	4.184708e−01	−0.0262483371	5.425109e−01	MYL6
ENSG00000092853	3.603338e+01	0.334328790	1.043560e−02	0.292261075	0.0248501749	0.209375997	1.081520e−01	0.2034480455	1.175460e−01	CLSPN
ENSG00000092929	3.936486e+03	−0.013469230	8.268761e−01	0.074592068	0.2302175233	−0.026248834	6.730102e−01	0.1894125942	2.600396e−03	UNC13D
ENSG00000092964	4.911447e+03	0.014372712	8.730298e−01	−0.204519343	0.0238230899	−0.099901257	2.695980e−01	0.2548378276	5.172928e−03	DPYSL2
ENSG00000093009	2.558736e+01	0.326353283	7.220018e−03	0.155206805	0.1993086220	0.278002337	2.156526e−02	0.1884678366	1.173100e−01	CDC45
ENSG00000093010	3.477063e+03	−0.080558423	1.448979e−01	−0.055665528	0.3187506882	−0.209492135	1.777006e−04	−0.0722619722	2.013208e−01	COMT
ENSG00000093167	1.248711e+03	0.049309939	4.264572e−01	0.020247894	0.7464517578	0.148521521	1.761648e−02	0.0004055043	9.948956e−01	LRRFIP2
ENSG00000093183	1.098806e+03	0.083480522	1.708236e−01	0.069920915	0.2562056151	0.161255728	8.791659e−03	0.0118417982	8.493216e−01	SEC22C
ENSG00000093217	1.702972e+02	−0.088477996	3.235549e−01	−0.262567062	0.0037246485	0.026528558	7.681337e−01	−0.1208428100	1.838427e−01	XYLB
ENSG00000094804	2.562385e+01	0.361039097	3.399395e−03	0.126155185	0.3037496937	0.254031263	3.846688e−02	0.2679488149	2.820456e−02	CDC6
ENSG00000095002	3.280569e+02	0.112040545	2.448583e−01	0.007643679	0.9371370362	0.256424681	8.027076e−03	0.1677508288	8.495935e−02	MSH2
ENSG00000095015	8.787391e+03	−0.026405855	7.465728e−01	−0.165092633	0.0448927647	−0.043443011	5.976361e−01	−0.1923322559	2.056837e−02	MAP3K1
ENSG00000095059	1.638544e+03	−0.079674960	9.011854e−02	−0.028541650	0.5479939795	−0.081732387	8.577854e−02	−0.1155128176	1.657518e−02	DHPS
ENSG00000095319	2.243584e+03	0.088840278	5.696245e−02	0.047424210	0.3151331245	0.117870430	1.250834e−02	0.1488974391	1.844721e−03	NUP188
ENSG00000095383	3.633205e+02	0.056043036	5.984091e−01	0.054332987	0.6107318999	−0.092455525	3.868778e−01	0.2369396190	2.695216e−02	TBC1D2
ENSG00000095397	4.769149e+01	0.340325257	8.016094e−03	0.280218439	0.0284033574	0.247764030	5.260134e−02	0.1899366810	1.353825e−01	WHRN
ENSG00000095564	4.851228e+03	0.102822121	1.603054e−01	0.084677631	0.2515769841	0.157950056	3.245679e−02	−0.1010713195	1.756661e−01	BTAF1
ENSG00000095585	7.836854e+02	0.104615646	2.403709e−01	0.081362820	0.3641548784	0.089783586	3.167142e−01	0.1838580811	4.176766e−02	BLNK
ENSG00000095587	7.526473e−01	0.057047572	2.106343e−01	0.037663437	0.4081480440	0.092973399	4.127626e−02	0.0416925591	3.592700e−01	TLL2
ENSG00000095627	3.385638e+00	−0.098158031	1.406991e−01	−0.147187887	0.0268335289	−0.178735149	7.107865e−03	−0.0849186100	2.013741e−01	TDRD1
ENSG00000095794	1.092150e+03	0.231448438	5.161022e−02	0.225583586	0.0580191694	−0.060199835	6.130550e−01	−0.3250316162	6.385690e−03	CREM
ENSG00000095906	1.243444e+03	−0.093210097	1.282534e−01	−0.092879680	0.1333550494	−0.145001955	1.922366e−02	−0.1286266457	4.007393e−02	NUBP2
ENSG00000095951	1.132552e+03	−0.027902003	7.887023e−01	−0.131097823	0.2097364702	0.011246666	9.142935e−01	−0.2271980895	3.049649e−02	HIVEP1
ENSG00000096006	6.017729e−01	0.006664853	8.739198e−01	0.032358741	0.4412128332	0.042820320	3.076635e−01	0.0846113209	4.446267e−02	CRISP3
ENSG00000096060	6.099919e+03	−0.052004450	6.931955e−01	0.191592265	0.1448812855	0.042573338	7.459788e−01	0.4216770092	1.278552e−03	FKBP5
ENSG00000096395	1.231726e+00	0.071761833	3.605264e−01	−0.054958546	0.4801080302	−0.069877154	3.677072e−01	−0.1553946785	4.381870e−02	MLN
ENSG00000096401	1.568670e+03	0.209806118	8.360012e−03	0.102029720	0.2032005027	0.002386644	9.762667e−01	0.0847407090	2.951922e−01	CDC5L
ENSG00000096433	1.591012e+02	0.266764479	4.305964e−02	0.242156635	0.0654480099	0.244012371	6.341096e−02	0.4600584335	4.421454e−04	ITPR3
ENSG00000096696	1.514842e+01	0.211699985	4.041370e−02	0.104075925	0.3116877354	0.138452974	1.783298e−01	0.2286469770	2.588498e−02	DSP
ENSG00000096968	7.836357e+03	0.088505314	2.569796e−01	−0.004628023	0.9530996731	0.067998162	3.874943e−01	0.1698218051	3.253028e−02	JAK2
ENSG00000097007	2.797425e+03	0.015706006	7.957634e−01	−0.121907751	0.0468030168	−0.097451179	1.120323e−01	−0.0447597202	4.706175e−01	ABL1
ENSG00000097096	3.413560e+00	−0.250450233	5.908568e−03	−0.141237531	0.1206886552	−0.100646532	2.687941e−01	−0.0442140065	6.277090e−01	SYDE2
ENSG00000099308	1.579622e+03	0.087826753	2.857764e−01	−0.045872533	0.5800580905	0.036603589	6.588020e−01	0.1773628954	3.383444e−02	MAST3
ENSG00000099337	7.052750e+03	−0.118461615	9.130997e−02	−0.173713292	0.0141169675	−0.175910905	1.294826e−02	−0.1535631953	3.183838e−02	KCNK6
ENSG00000099341	3.598471e+03	−0.040747470	2.864894e−01	−0.024989054	0.5181436622	−0.093106660	1.617255e−02	0.0260711280	5.062695e−01	PSMD8
ENSG00000099385	1.210095e+03	−0.119556137	5.684315e−02	−0.134175336	0.0343015484	−0.222107241	4.668321e−04	−0.1510480150	1.853603e−02	BCL7C
ENSG00000099622	6.774703e+03	−0.099157145	1.006363e−01	−0.094325737	0.1220042020	−0.113358323	6.313525e−02	−0.2605771955	2.450393e−05	CIRBP
ENSG00000099624	2.761013e+03	−0.085889985	2.601725e−01	−0.150403248	0.0504978600	−0.184073411	1.670731e−02	−0.0600512265	4.392823e−01	ATP5D
ENSG00000099625	1.077205e+01	0.433088180	2.429169e−05	0.285640475	0.0051699501	0.009604995	9.247997e−01	0.0640938554	5.275797e−01	CBARP
ENSG00000099725	1.661701e+02	0.036019744	6.866451e−01	−0.279644549	0.0016791608	−0.265632387	2.840275e−03	0.1890191270	3.340649e−02	PRKY
ENSG00000099783	9.094278e+03	−0.043281797	2.581558e−01	−0.017770325	0.6463199052	−0.083630780	3.087746e−02	0.0164353776	6.756951e−01	HNRNPM
ENSG00000099785	1.238791e+03	−0.132356660	5.313736e−02	−0.211812623	0.0021740691	−0.188534348	6.369491e−03	−0.1208666372	8.342674e−02	MARCH2
ENSG00000099795	1.240027e+03	−0.042471701	5.060394e−01	−0.096704968	0.1337925107	−0.140833391	2.912601e−02	−0.0025215176	9.691557e−01	NDUFB7
ENSG00000099810	6.830718e+02	0.097741208	1.482432e−01	0.108041169	0.1131021535	0.216973559	1.448151e−03	0.2029781259	3.217853e−03	MTAP
ENSG00000099814	2.158820e+01	0.300436244	1.008361e−02	0.270867323	0.0198860995	0.065719141	5.714523e−01	0.3106943649	7.303561e−03	CEP170B
ENSG00000099817	5.077582e+03	−0.005315595	9.100232e−01	−0.067923448	0.1533840181	−0.109806434	2.104778e−02	−0.0317159623	5.107377e−01	POLR2E
ENSG00000099834	2.716294e+01	0.230269241	7.966769e−02	0.321513896	0.0141182671	0.302463299	2.097863e−02	0.3104774344	1.740848e−02	CDHR5
ENSG00000099840	9.969319e+01	0.184640357	9.299723e−02	0.295763448	0.0071767826	0.258227027	1.905062e−02	0.1334417737	2.278074e−01	IZUMO4
ENSG00000099860	6.797605e+03	0.141071713	2.721238e−01	−0.037874091	0.7677701106	−0.397590337	1.936293e−03	−0.2860222896	2.545914e−02	GADD45B
ENSG00000099889	9.557806e+01	0.155075634	2.143340e−01	−0.273599123	0.0287283546	0.041948820	7.369636e−01	0.0309348715	8.042412e−01	ARVCF
ENSG00000099901	1.254285e+03	−0.136696966	3.738416e−03	−0.090655772	0.0570053351	−0.086228750	7.042845e−02	−0.1129667708	1.935162e−02	RANBP1
ENSG00000099917	4.838311e+03	0.127948059	1.843363e−02	−0.015896921	0.7720856161	0.009090896	8.684474e−01	0.1239182594	2.576693e−02	MED15
ENSG00000099940	2.017435e+03	−0.067900146	2.805189e−01	−0.002276548	0.9714024082	−0.103290448	1.041110e−01	−0.1426847464	2.650025e−02	SNAP29
ENSG00000099958	1.001789e+02	0.364940465	5.633962e−03	0.136264284	0.2997019752	0.336895453	1.034887e−02	0.2501386072	5.593338e−02	DERL3
ENSG00000099974	8.940704e+01	−0.093615388	3.198076e−01	−0.042995426	0.6489546982	−0.095073880	3.157606e−01	−0.2433080652	1.100377e−02	DDTL
ENSG00000099977	5.867300e+02	−0.240433281	3.262854e−03	−0.039972910	0.6265843222	−0.219574003	7.651044e−03	−0.1422455509	8.650281e−02	DDT
ENSG00000099992	1.040842e+03	−0.134237635	4.056838e−02	−0.152044470	0.0215950191	−0.054889005	4.066199e−01	−0.2452190125	2.515734e−04	TBC1D10A
ENSG00000100027	8.496088e+01	−0.254304591	3.477915e−02	−0.220898202	0.0666642826	−0.047440540	6.933130e−01	−0.1383850817	2.506206e−01	YPEL1
ENSG00000100028	2.535759e+03	−0.136729848	2.309473e−04	0.011213789	0.7648165119	−0.057731954	1.241446e−01	−0.0552176065	1.469765e−01	SNRPD3
ENSG00000100034	9.192835e+03	−0.132516553	3.495760e−02	−0.038714664	0.5416909617	−0.053757319	3.968187e−01	−0.1130811343	7.815023e−02	PPM1F
ENSG00000100077	7.130554e+03	−0.055345533	1.765315e−01	−0.037466019	0.3657922295	−0.020677593	6.177225e−01	−0.1168945250	5.419170e−03	GRK3
ENSG00000100079	5.186467e+03	−0.060123915	6.481890e−01	−0.013997211	0.9151245944	−0.063699822	6.276617e−01	−0.2905787018	2.629921e−02	LGALS2
ENSG00000100092	4.966955e+03	−0.013517192	8.471354e−01	−0.191231871	0.0068801483	−0.102278522	1.482936e−01	−0.0299126816	6.757066e−01	SH3BP1
ENSG00000100106	1.202623e+03	−0.046135123	4.996853e−01	−0.099983609	0.1472702159	−0.153816481	2.588729e−02	−0.1689925470	1.547075e−02	TRIOBP
ENSG00000100129	1.705085e+04	−0.240764594	2.039736e−04	−0.102544175	0.1170759562	−0.102908258	1.157904e−01	−0.2722035605	3.921831e−05	EIF3L
ENSG00000100139	1.132449e+03	−0.028021391	6.615768e−01	−0.014739642	0.8195559159	−0.131225337	4.259085e−02	0.0362200888	5.793354e−01	MICALL1
ENSG00000100154	8.830773e+01	−0.197916922	1.262442e−01	−0.363744429	0.0048868133	−0.311053849	1.609260e−02	−0.0934211028	4.684588e−01	TTC28
ENSG00000100156	2.227766e+01	0.282410359	2.282441e−02	0.296030838	0.0166175018	0.259433086	3.573031e−02	0.4026034247	1.070574e−03	SLC16A8
ENSG00000100167	2.867355e+02	−0.213750060	9.174895e−02	−0.185311292	0.1432972231	−0.020932173	8.686649e−01	−0.2627738667	3.772357e−02	SEPT3
ENSG00000100181	3.768523e+01	−0.170312868	1.147197e−01	−0.134716768	0.2107259231	−0.227123783	3.476262e−02	−0.0721862967	5.008362e−01	TPTEP1
ENSG00000100196	5.498332e+00	0.209910355	4.213447e−02	0.153036009	0.1366713951	0.082544090	4.209353e−01	0.1771364291	8.414898e−02	KDELR3
ENSG00000100197	9.533506e+01	0.329063041	1.010949e−02	0.032569325	0.7989599862	0.135408669	2.895395e−01	−0.1047375567	4.121348e−01	CYP2D6
ENSG00000100209	4.101320e+02	0.025770121	7.139664e−01	0.082558821	0.2439056546	0.140308110	4.757808e−02	0.0298897027	6.766202e−01	HSCB
ENSG00000100221	4.862489e+03	0.162013334	2.607994e−02	0.101984327	0.1649170741	−0.108452146	1.398904e−01	−0.1268059270	8.758627e−02	JOSD1
ENSG00000100225	4.880085e+03	0.087793684	4.145826e−02	0.051759215	0.2347845188	0.060010802	1.684243e−01	0.0938824347	3.353772e−02	FBXO7
ENSG00000100226	3.347740e+03	0.305476377	1.305344e−03	0.143624849	0.1327237177	0.049977650	6.009106e−01	0.2062756603	3.192905e−02	GTPBP1
ENSG00000100271	1.540532e+02	−0.201780819	3.503825e−02	−0.026638369	0.7811316949	−0.179557357	6.213527e−02	−0.0203839046	8.325896e−01	TTLL1
ENSG00000100276	2.846091e+01	0.254961853	4.862616e−02	0.113365166	0.3785518056	0.233143933	7.023517e−02	0.1068317491	4.044045e−01	RASL10A
ENSG00000100285	6.335839e+01	−0.141088493	2.635800e−01	−0.073623140	0.5590810059	−0.302480653	1.659374e−02	−0.1042813993	4.074334e−01	NEFH
ENSG00000100296	9.392298e+02	−0.051671585	2.793551e−01	−0.036610052	0.4480880866	−0.096095117	4.698620e−02	0.0083646074	8.641778e−01	THOC5
ENSG00000100302	1.845730e+01	0.333751418	3.949683e−03	0.175381301	0.1281381207	−0.019120976	8.680053e−01	−0.0821779583	4.728785e−01	RASD2
ENSG00000100311	2.751635e+01	0.238470566	5.239194e−02	0.263257080	0.0315643977	0.024154202	8.433913e−01	0.2321450250	5.683775e−02	PDGFB
ENSG00000100316	6.281330e+04	−0.197883236	2.707802e−05	−0.112446129	0.0183539900	−0.159095655	8.477966e−04	−0.1990332889	3.823481e−05	RPL3
ENSG00000100321	5.621047e+02	−0.238973807	2.670055e−02	−0.268184540	0.0131725659	−0.421419442	9.906047e−05	−0.0773276291	4.760963e−01	SYNGR1
ENSG00000100335	1.760415e+03	−0.151725723	6.480609e−02	−0.194353935	0.0188729734	−0.110180540	1.830889e−01	−0.0774747346	3.533077e−01	MIEF1
ENSG00000100342	5.324520e+02	0.148444498	2.181688e−01	0.088072289	0.4652194773	0.077496950	5.205218e−01	0.2803838792	2.013080e−02	APOL1
ENSG00000100345	4.629894e+04	−0.020725628	7.170898e−01	−0.110294911	0.0563078695	−0.076601617	1.849780e−01	0.1640353979	5.053730e−03	MYH9
ENSG00000100348	2.869957e+03	−0.164552708	1.126096e−05	−0.070042460	0.0643474602	−0.129698944	6.247630e−04	−0.0883284876	2.155117e−02	TXN2
ENSG00000100351	1.216873e+02	−0.290145158	1.851155e−02	−0.406957563	0.0009119075	−0.259165005	3.471187e−02	−0.3499975840	4.157321e−03	GRAP2
ENSG00000100353	9.798066e+03	−0.140411234	4.895702e−03	−0.075643559	0.1336992495	−0.144072553	4.294695e−03	−0.0847851575	9.720512e−02	EIF3D
ENSG00000100360	7.517520e+02	−0.157094325	1.125608e−02	−0.071411254	0.2532213301	−0.126512876	4.326841e−02	−0.1715456591	6.760796e−03	IFT27
ENSG00000100364	1.354686e+04	−0.152040026	8.169069e−03	−0.109816951	0.0586015705	−0.144881059	1.260250e−02	−0.0634065347	2.808286e−01	KIAA0930
ENSG00000100368	7.505214e+03	−0.069997245	3.613267e−01	−0.087728074	0.2563843191	0.005978494	9.383449e−01	−0.1838025748	1.853570e−02	CSF2RB
ENSG00000100376	3.517476e+03	−0.180451482	1.662935e−01	0.263322720	0.0426286788	0.130253244	3.159438e−01	0.0158316290	9.025376e−01	FAM118A
ENSG00000100380	4.231896e+03	−0.080709885	5.524591e−02	−0.020523361	0.6297641409	−0.027828468	5.134795e−01	−0.1181485787	6.249142e−03	ST13
ENSG00000100393	1.069238e+04	0.114014233	2.734937e−02	−0.069698090	0.1821858523	−0.090128233	8.454390e−02	−0.0333212590	5.290434e−01	EP300
ENSG00000100403	3.314605e+03	0.030634117	5.089764e−01	0.013514502	0.7732634401	0.011081637	8.133001e−01	0.1155735388	1.502958e−02	ZC3H7B

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000100413	1.243893e+03	−0.156289683	1.228421e−03	−0.055634484	0.2542396227	−0.112378747	2.150053e−02	−1.235820e−01	1.258777e−02	POLR3H
ENSG00000100417	7.550133e+02	−0.150223949	3.457956e−02	−0.149866248	0.0366328740	−0.089172049	2.135877e−01	−2.911479e−01	6.027347e−05	PMM1
ENSG00000100418	1.338438e+03	−0.047536366	3.682945e−01	0.004344542	0.9351121500	−0.115340510	3.102218e−02	−8.776053e−03	8.710680e−01	DESI1
ENSG00000100422	6.061273e+03	−0.007554269	8.894257e−01	0.001019262	0.9851896822	−0.036100426	5.109667e−01	−1.753474e−01	1.625684e−03	CERK
ENSG00000100426	2.069173e+03	−0.080078530	6.508501e−02	−0.080533097	0.0666589849	−0.104097704	1.785865e−02	−7.385506e−02	9.713484e−02	ZBED4
ENSG00000100442	9.217048e+02	−0.097027721	3.198425e−02	0.102063849	0.0249392987	0.046892389	3.041361e−01	−1.028576e−05	9.998225e−01	FKBP3
ENSG00000100473	4.254831e+00	0.218497494	2.917297e−02	0.041111128	0.6792510341	0.038440667	6.986854e−01	1.345009e−01	1.756462e−01	COCH
ENSG00000100479	1.587090e+01	0.508363818	9.706837e−05	0.350480184	0.0069477075	0.409130778	1.628708e−03	3.854191e−01	2.862979e−03	POLE2
ENSG00000100483	6.163591e+02	0.197613507	3.750334e−03	0.093298124	0.1756968381	0.019467568	7.778907e−01	−5.343800e−02	4.439786e−01	VCPKMT
ENSG00000100523	1.780695e+03	0.205700307	1.324758e−02	0.124976399	0.1351739740	0.123055143	1.413283e−01	−1.534767e−02	8.557245e−01	DDHD1
ENSG00000100554	9.154529e+02	0.080858859	2.302953e−01	0.141584058	0.0372859282	0.131655634	5.291842e−02	1.344413e−01	5.047283e−02	ATP6V1D
ENSG00000100558	3.816467e+01	0.141756779	2.675730e−01	0.109387653	0.3904542456	0.368571116	3.832143e−03	1.319917e−01	2.976960e−01	PLEK2
ENSG00000100567	1.941173e+03	0.085613731	9.807699e−02	0.113048208	0.0306227541	0.137637643	8.492886e−03	1.025351e−01	5.303524e−02	PSMA3
ENSG00000100575	5.407990e+02	−0.135258948	3.084820e−02	−0.078476715	0.2142166072	−0.033986685	5.906006e−01	−1.137309e−01	7.537350e−02	TIMM9
ENSG00000100580	1.166665e+03	0.011260364	8.864689e−01	0.089855809	0.2579755461	−0.008194701	9.178943e−01	2.223556e−01	5.528217e−03	TMED8
ENSG00000100583	3.616613e+00	−0.205077918	2.879180e−02	−0.076904320	0.4128188939	−0.079915862	3.941777e−01	−1.121161e−01	2.309615e−01	SAMD15
ENSG00000100593	6.998700e−01	−0.034571303	5.543938e−01	−0.032407967	0.5788936343	0.014566747	8.030967e−01	1.268086e−01	3.163952e−02	ISM2
ENSG00000100596	7.014357e+03	0.013172167	8.547005e−01	0.114339846	0.1149722013	0.017556703	8.087884e−01	2.574760e−01	4.431729e−04	SPTLC2
ENSG00000100601	1.713395e+02	0.191230318	4.698834e−02	0.134138978	0.1660373005	−0.039454624	6.848629e−01	6.668855e−03	9.455484e−01	ALKBH1
ENSG00000100605	6.458942e+03	−0.106163874	6.971955e−02	−0.062417524	0.2910885435	−0.158731046	7.275008e−03	−6.403037e−02	2.847184e−01	ITPK1
ENSG00000100612	1.639068e+03	−0.144204683	2.140233e−02	−0.021045426	0.7392170236	−0.027012102	6.692823e−01	−5.302568e−02	4.073287e−01	DHRS7
ENSG00000100647	9.058234e+03	−0.009326083	8.464665e−01	−0.095184789	0.0506942895	−0.097655941	4.500832e−02	−9.632213e−02	5.106442e−02	SUSD6
ENSG00000100652	3.620849e+00	0.179884506	8.218687e−02	0.231868201	0.0248936083	−0.017458889	8.645656e−01	4.135828e−03	9.677183e−01	SLC10A1
ENSG00000100664	1.050152e+04	0.119456890	4.584115e−02	0.078797489	0.1921953471	−0.053265131	3.781232e−01	−1.079072e−01	7.776884e−02	EIF5
ENSG00000100711	2.898651e+02	0.031861162	6.844625e−01	0.071852158	0.3627639322	0.215418851	6.246856e−03	6.838821e−02	3.906877e−01	ZFYVE21
ENSG00000100714	1.386787e+03	0.024946650	6.892659e−01	0.052158517	0.4074144772	0.064480703	3.058673e−01	2.147334e−01	7.435624e−04	MTHFD1
ENSG00000100721	8.636404e+01	0.260265128	1.111158e−02	0.146177410	0.1525309209	0.045783064	6.540247e−01	2.445609e−01	1.630319e−02	TCL1A
ENSG00000100722	1.100091e+03	0.084714522	1.271960e−01	0.094709481	0.0914298076	0.173612763	1.962799e−03	8.920610e−02	1.164805e−01	ZC3H14
ENSG00000100749	4.823590e+02	−0.072466832	2.720563e−01	0.017918468	0.7875342656	−0.005448300	9.347713e−01	−2.404662e−01	3.732936e−04	VRK1
ENSG00000100767	2.114156e+02	0.128895375	1.735743e−01	0.007207452	0.9398042449	−0.006509356	9.456727e−01	2.330178e−01	1.485077e−02	PAPLN
ENSG00000100796	5.603990e+03	0.163003847	1.004801e−02	0.013929696	0.8275627226	0.004282470	9.466126e−01	3.085878e−02	6.334154e−01	PPP4R3A
ENSG00000100811	7.319726e+03	−0.036226875	4.507418e−01	−0.101990001	0.0357876312	−0.005296191	9.131750e−01	−2.418158e−03	9.608184e−01	YY1
ENSG00000100814	1.401736e+03	−0.207491484	1.399547e−03	−0.075047157	0.2518433059	−0.022506623	7.310848e−01	−1.677000e−01	1.141739e−02	CCNB1IP1
ENSG00000100823	6.464303e+03	−0.119042665	4.662960e−02	−0.042176467	0.4851256431	−0.161694070	7.463960e−03	−9.236543e−02	1.310339e−01	APEX1
ENSG00000100865	5.863990e+02	−0.112342279	4.729741e−02	−0.041025752	0.4727070338	−0.097251477	8.950677e−02	−9.899671e−02	8.728747e−02	CINP
ENSG00000100883	9.915597e+02	0.124497465	2.666529e−02	0.152790721	0.0070587901	0.180793075	1.436333e−03	1.849096e−01	1.282695e−03	SRP54
ENSG00000100888	3.104757e+03	0.132478057	3.011419e−03	0.040666982	0.3682323722	0.056596603	2.105727e−01	8.512058e−02	6.318540e−02	CHD8
ENSG00000100890	2.457466e+02	0.013608179	8.565166e−01	0.069734016	0.3572047840	0.171182351	2.356733e−02	1.612386e−01	3.459175e−02	KIAA0391
ENSG00000100934	1.214495e+03	0.094064812	6.508382e−02	0.127846509	0.0131051041	0.118305011	2.179389e−02	2.117930e−01	4.827122e−05	SEC23A
ENSG00000100938	1.937855e+03	−0.120659570	3.517108e−03	0.043633249	0.2955701491	−0.061238815	1.430214e−01	−3.522808e−04	9.933604e−01	GMPR2
ENSG00000100968	1.222593e+00	0.079335777	2.301766e−01	0.160979665	0.0151649099	0.008073245	9.022378e−01	8.190150e−02	2.142297e−01	NFATC4
ENSG00000100979	3.294492e+01	−0.136727423	2.988254e−01	−0.256473559	0.0507019493	−0.290661823	2.681505e−02	−2.408376e−01	6.551805e−02	PLTP
ENSG00000100994	3.445751e+03	0.036934128	4.964992e−01	−0.030458232	0.5790518823	0.056947171	2.995084e−01	1.894433e−01	6.501501e−04	PYGB
ENSG00000101017	6.198740e+02	0.148685131	2.048847e−01	0.245103161	0.0367966859	0.394852447	7.674709e−04	8.643075e−02	4.623844e−01	CD40
ENSG00000101019	5.466943e+02	0.003206839	9.564311e−01	0.105945119	0.0731380084	0.115343941	5.123671e−02	1.403307e−01	1.898166e−02	UQCC1
ENSG00000101052	8.787990e+02	−0.202421556	5.127567e−04	−0.110298179	0.0605338381	−0.120181433	4.100703e−02	−2.071843e−01	5.080501e−04	IFT52
ENSG00000101057	7.309739e+01	0.455279937	1.886816e−04	0.200108340	0.0993505223	0.292550708	1.599329e−02	3.500821e−01	3.773470e−03	MYBL2
ENSG00000101079	1.430990e+03	−0.142967492	4.498171e−03	−0.063677119	0.2101231792	−0.104579041	3.979545e−02	9.194241e−03	8.581591e−01	NDRG3
ENSG00000101082	4.161536e+01	−0.147617521	2.155323e−01	−0.195798066	0.0991621884	0.001140220	9.923426e−01	−2.639952e−01	2.544501e−02	SLA2
ENSG00000101096	3.581406e+03	−0.078651657	3.255661e−01	−0.131763546	0.1021539975	−0.084460202	2.947655e−01	−1.762518e−01	3.029565e−02	NFATC2
ENSG00000101104	5.267500e+02	0.138934708	1.304086e−01	0.193422030	0.0362210266	0.212397230	2.147123e−02	−1.627131e−03	9.860607e−01	PABPC1L
ENSG00000101126	2.532349e+03	0.147956753	2.095882e−02	0.081005500	0.2106771724	0.029897897	6.442235e−01	3.953087e−02	5.460322e−01	ADNP
ENSG00000101160	2.393486e+04	−0.080726672	5.009288e−02	0.001757266	0.9663721441	−0.088523733	3.371870e−02	−7.770667e−02	6.607810e−02	CTSZ
ENSG00000101162	1.278182e+02	−0.118108114	2.900907e−01	−0.231677031	0.0372931776	−0.048621047	6.621233e−01	−2.028919e−01	6.701765e−02	TUBB1
ENSG00000101187	8.033277e+01	0.066147837	5.595030e−01	0.272628032	0.0158315335	0.081920203	4.682735e−01	2.338649e−01	3.762471e−02	SLCO4A1
ENSG00000101188	1.961997e+01	0.063470180	5.174997e−01	−0.060986733	0.5324892869	−0.010393071	9.152909e−01	2.833194e−01	3.697055e−03	NTSR1
ENSG00000101194	1.987352e+03	0.182587969	2.844410e−02	0.110596215	0.1876483271	0.195587655	1.978690e−02	−6.824870e−02	4.203471e−01	SLC17A9
ENSG00000101199	2.634099e+03	0.120804289	2.407594e−02	0.096365096	0.0749839509	0.076318473	1.586531e−01	4.821769e−02	3.793844e−01	ARFGAP1
ENSG00000101210	1.427769e+01	0.337840438	6.904519e−03	0.174002552	0.1620607514	0.153724180	2.164760e−01	1.819388e−01	1.414995e−01	EEF1A2
ENSG00000101255	2.395667e+02	−0.311895273	1.129779e−02	0.063520254	0.6054699642	−0.141311698	2.507984e−01	−4.493377e−02	7.148063e−01	TRIB3
ENSG00000101310	2.660674e+03	0.046990787	4.700882e−01	0.147847584	0.0242932681	0.025975008	6.924908e−01	1.525005e−01	2.163373e−02	SEC23B
ENSG00000101311	1.562186e+00	0.024282137	6.197272e−01	0.053168428	0.2770494622	0.050576821	3.007337e−01	1.394610e−01	4.415516e−03	FERMT1
ENSG00000101336	1.078753e+04	−0.105374110	8.206795e−02	−0.014772698	0.8092368245	−0.128713093	3.546511e−02	−2.284261e−02	7.122952e−01	HCK
ENSG00000101342	7.699804e+02	0.030209253	7.170654e−01	0.025890544	0.7577705387	0.164982179	4.923126e−02	1.966254e−01	2.009440e−02	TLDC2
ENSG00000101347	7.168464e+04	−0.023635492	6.948660e−01	−0.028279397	0.6421420784	−0.009417711	8.770125e−01	1.685154e−01	6.221557e−03	SAMHD1
ENSG00000101367	6.330190e+03	−0.011808160	7.587038e−01	−0.031558990	0.4172144261	−0.058300229	1.341069e−01	−8.522568e−02	3.086222e−02	MAPRE1
ENSG00000101384	3.015614e+02	0.259753714	2.910467e−02	−0.007217279	0.9517321654	−0.085386834	4.740697e−01	−9.843375e−02	4.094813e−01	JAG1
ENSG00000101391	8.294516e+02	0.125017683	1.157890e−02	0.097030919	0.0527240586	0.136945055	6.255754e−03	8.311837e−02	1.016895e−01	CDK5RAP1
ENSG00000101412	9.202511e+01	0.328608440	1.183837e−02	0.141988177	0.2758578299	0.167623207	1.983128e−01	3.165600e−01	1.481018e−02	E2F1
ENSG00000101413	8.371164e+02	0.241713823	8.950939e−03	0.068019477	0.4648760151	0.093389978	3.156807e−01	1.357551e−01	1.472737e−01	RPRD1B
ENSG00000101421	5.155594e+03	−0.109771659	3.698613e−02	−0.124989432	0.0187735707	−0.214012748	5.772857e−05	−8.097230e−02	1.329219e−01	CHMP4B
ENSG00000101425	1.044466e+01	−0.180318204	7.775087e−02	−0.044836388	0.6606715330	−0.188227436	6.468428e−02	3.297252e−01	1.246798e−03	BPI
ENSG00000101439	9.689475e+04	−0.105694544	2.936618e−01	−0.219030633	0.0302470956	−0.109340167	2.793907e−01	−2.325167e−01	2.213345e−02	CST3
ENSG00000101444	3.115585e+03	−0.117639983	1.870874e−02	−0.061421176	0.2244361450	−0.123588074	1.457653e−02	−1.753366e−02	7.321341e−01	AHCY
ENSG00000101457	1.389778e+03	−0.140678272	2.412468e−02	0.011201859	0.8586533014	−0.043309927	4.914491e−01	−4.110552e−02	5.186260e−01	DNTTIP1
ENSG00000101464	2.791655e+02	0.043022825	5.642035e−01	0.025805582	0.7315459654	0.124848555	9.643195e−02	3.089986e−01	4.276472e−05	PIGU
ENSG00000101473	4.754467e+02	−0.117008495	4.672785e−02	−0.017092745	0.7729757196	−0.054217935	3.612306e−01	6.949472e−02	2.454327e−01	ACOT8
ENSG00000101493	4.331430e+03	−0.015235322	8.209655e−01	−0.140888411	0.0381588191	−0.128894820	5.788870e−02	−1.780113e−01	9.592111e−03	ZNF516
ENSG00000101544	1.421090e+03	0.070565695	2.709238e−01	−0.023088568	0.7214056768	−0.114228386	7.801184e−02	−1.842232e−01	4.973651e−03	ADNP2
ENSG00000101546	4.882194e+02	−0.059818091	3.064546e−01	−0.014042367	0.8119602536	0.063134338	2.843025e−01	−1.346783e−01	2.459596e−02	RBFA
ENSG00000101557	1.509451e+03	0.156418476	9.999786e−03	0.128899188	0.0356257761	0.182296504	2.959263e−03	2.136641e−01	5.722679e−04	USP14
ENSG00000101574	1.968760e+02	0.112043364	2.429277e−01	0.241868237	0.0119867908	0.224273989	1.992509e−02	1.237075e−01	2.021903e−01	METTL4
ENSG00000101577	2.290002e+03	−0.017177806	8.294212e−01	−0.001220551	0.9878772569	−0.051741977	5.195960e−01	−1.736273e−01	3.231353e−02	LPIN2
ENSG00000101596	5.083295e+03	0.124544416	3.618420e−02	0.033801542	0.5735701011	0.108959750	6.962112e−02	1.803872e−01	2.999688e−03	SMCHD1
ENSG00000101608	1.702359e+04	−0.142970310	5.281563e−03	0.046351406	0.3709000018	0.007417428	8.861503e−01	−1.109738e−02	8.325632e−01	MYL12A
ENSG00000101639	1.449403e+03	0.203702428	1.114348e−03	0.070823648	0.2621484514	0.211115608	8.223239e−04	−3.786078e−02	5.539070e−01	CEP192
ENSG00000101665	6.033330e+02	0.293683171	1.775751e−02	0.196032939	0.1121735420	−0.037693793	7.600149e−01	−1.175158e−01	3.385915e−01	SMAD7
ENSG00000101751	6.282985e+02	0.014134394	8.805445e−01	0.140568018	0.1369228470	0.186721069	4.818219e−02	−3.519696e−02	7.116046e−01	POLI
ENSG00000101752	1.084588e+03	0.059432349	2.740163e−01	0.056941038	0.2999378017	0.153351217	5.205531e−03	1.497762e−02	7.877264e−01	MIB1
ENSG00000101811	2.979964e+02	0.227412698	4.954153e−03	0.276291858	0.0006925677	0.259256094	1.472891e−03	3.601311e−01	1.144225e−05	CSTF2
ENSG00000101842	3.807580e+00	0.123406254	1.731314e−01	0.105634061	0.2423076347	0.217254183	1.638311e−02	1.355008e−01	1.328070e−01	VSIG1
ENSG00000101846	5.251274e+02	0.124972344	2.314907e−01	0.193466463	0.0647479962	0.242741161	2.047667e−02	3.431296e−01	1.113809e−03	STS
ENSG00000101850	1.923955e+00	−0.111410407	1.773874e−01	−0.172456018	0.0359656969	−0.129620648	1.149962e−01	−3.349043e−02	6.849139e−01	GPR143
ENSG00000101856	1.011128e+03	−0.221917466	5.322571e−04	−0.215708127	0.0008498318	−0.173027868	7.449496e−03	−1.366848e−01	3.654190e−02	PGRMC1
ENSG00000101883	1.199115e+01	0.232977880	4.508226e−02	0.166191816	0.1510295790	0.033273514	7.732791e−01	1.706731e−03	9.881625e−01	RHOXF1
ENSG00000101901	1.467997e+03	0.101849011	8.213083e−02	0.198146429	0.0008026642	0.040628764	4.926703e−01	−5.134333e−02	3.922479e−01	ALG13
ENSG00000101911	9.792965e+02	0.077442390	2.270635e−01	0.002080262	0.9743739268	0.082075093	2.048085e−01	1.823665e−01	5.303980e−03	PRPS2
ENSG00000101940	1.722928e+03	−0.064504344	2.176540e−01	−0.077658635	0.1420244965	−0.134518163	1.106320e−02	−1.002883e−01	6.134542e−02	WDR13
ENSG00000101945	2.143095e+02	0.026481969	7.499429e−01	−0.101190287	0.2278578949	−0.057060524	4.964586e−01	−2.229789e−01	8.636106e−03	SUV39H1
ENSG00000101955	4.891423e−01	0.013739758	6.928764e−01	0.077140205	0.0266034399	0.014206098	6.828644e−01	1.786710e−02	6.071889e−01	SRPX
ENSG00000101966	1.605096e+03	0.069431027	2.093103e−01	−0.024324700	0.6635390665	0.044202020	4.290863e−01	1.695196e−01	2.723004e−03	XIAP
ENSG00000101972	5.656296e+03	0.056131540	3.064729e−01	0.080256292	0.1478683456	0.065160453	2.401049e−01	1.353030e−01	1.599537e−02	STAG2
ENSG00000101974	9.651267e+02	0.021044854	7.053977e−01	0.088944006	0.1134156570	0.065817378	2.419079e−01	1.292238e−01	2.304322e−02	ATP11C
ENSG00000101977	1.334562e+01	0.025354213	8.446894e−01	0.371865150	0.0040459519	0.057947701	6.533778e−01	−1.503948e−02	9.066290e−01	MCF2
ENSG00000102032	5.039253e+02	0.046992936	5.959471e−01	0.182527616	0.0404735517	−0.043464666	6.263781e−01	1.297430e−02	8.852310e−01	RENBP

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000102034	6221.281638	0.051429431	0.3330320429	−0.132396287	0.013717387	−0.091158647	0.0897076494	0.0504744961	3.534804e−01	ELF4
ENSG00000102043	17.644080	−0.292397285	0.0265599701	−0.244952003	0.062365124	−0.100953377	0.4423942280	−0.1292235122	3.235463e−01	MTMR8
ENSG00000102054	2532.818623	0.021300623	0.5328150213	0.068240443	0.048161540	0.068558291	0.0472870547	0.0070376945	8.410240e−01	RBBP7
ENSG00000102057	192.938230	0.229114059	0.0351160153	0.187532527	0.085627444	0.189349150	0.0827429384	0.3395946018	1.894021e−03	KCND1
ENSG00000102081	1560.580187	0.156639503	0.0024442268	0.104719016	0.045187906	0.126810370	0.0153116958	0.1431139981	6.870487e−03	FMR1
ENSG00000102103	2149.529732	−0.066345425	0.1330988681	−0.029286460	0.511879209	−0.110991769	0.0130633575	−0.0773312035	8.789678e−02	PQBP1
ENSG00000102119	1980.138873	0.050563368	0.3805378698	0.006291934	0.914004108	−0.071901247	0.2175771789	−0.1276018006	3.072469e−02	EMD
ENSG00000102172	1128.498327	−0.043522668	0.3793363476	0.046722066	0.349704861	0.032889345	0.5107659862	0.1623983427	1.310265e−03	SMS
ENSG00000102218	3135.037663	0.111906202	0.1282766440	0.067170253	0.365319522	0.109456292	0.1401622351	0.1632445209	2.940479e−02	RP2
ENSG00000102225	2430.880183	0.184928300	0.0015453286	0.084573017	0.151933607	0.072442918	0.2198673269	0.0124363851	8.352470e−01	CDK16
ENSG00000102226	599.422011	0.152832325	0.0504226418	0.109245597	0.165304015	0.168259309	0.0325679588	0.1376830397	8.334126e−02	USP11
ENSG00000102312	418.772067	−0.149368738	0.0392418855	−0.054121384	0.458208225	−0.075075543	0.3040298455	−0.1386764046	6.017493e−02	PORCN
ENSG00000102317	17120.140893	−0.113676650	0.0211187990	−0.101998898	0.040712967	−0.084055583	0.0917202096	−0.0949965043	6.002346e−02	RBM3
ENSG00000102383	1.103917	0.053684487	0.4670754606	0.035344815	0.630975746	0.183909180	0.0130393334	0.1426506050	5.406602e−02	ZDHHC15
ENSG00000102401	517.316819	0.193952129	0.0163606021	0.194688731	0.016745476	0.311186449	0.0001298078	0.1868854634	2.287629e−02	ARMCX3
ENSG00000102445	179.496848	0.215772852	0.0998782029	0.299658098	0.021837657	0.099695230	0.4454602208	0.3118854364	1.650586e−02	RUBCNL
ENSG00000102471	2.471362	0.118206626	0.1301577159	0.231144148	0.003132261	0.151723011	0.0516254529	0.1539537149	4.807734e−02	NDFIP2
ENSG00000102543	184.584398	0.079684895	0.3628453000	0.142386450	0.105445202	0.171450577	0.0512935548	0.1832708955	3.870209e−02	CDADC1
ENSG00000102554	84.103467	0.290611323	0.0226333921	−0.029211922	0.818760181	0.119395167	0.3487672529	−0.0247919895	8.455523e−01	KLF5
ENSG00000102678	42.256011	0.185057312	0.1581346277	0.045917456	0.725210569	−0.171103070	0.1900561755	−0.4561108357	4.458372e−04	FGF9
ENSG00000102699	5617.829224	0.166605834	0.0081831830	0.050557908	0.426809674	0.053367003	0.4016094057	0.2771710087	1.654601e−05	PARP4
ENSG00000102755	29.142690	0.290816414	0.0145406842	0.304572581	0.010228279	0.082496352	0.4861333957	0.1449449253	2.189652e−01	FLT1
ENSG00000102760	1991.398433	0.323583886	0.0090018930	0.132920582	0.283151800	0.025512152	0.8367998142	−0.0026910788	9.826575e−01	RGCC
ENSG00000102781	242.480439	−0.224255783	0.0378530650	−0.105980175	0.327491051	0.018890673	0.8613572078	0.0031258153	9.770188e−01	KATNAL1
ENSG00000102804	935.663852	−0.055861222	0.4497083542	−0.234494498	0.001671833	−0.161467150	0.0303987586	−0.0092792280	9.018779e−01	TSC22D1
ENSG00000102870	628.933640	−0.121689059	0.1637420401	−0.255099102	0.003757112	−0.088050300	0.3167531533	−0.1807072234	4.156329e−02	ZNF629
ENSG00000102879	49976.910122	−0.067662834	0.1527835704	−0.036424474	0.446557627	−0.098305653	0.0399557118	0.0540615355	2.650579e−01	CORO1A
ENSG00000102893	2325.012409	0.008797088	0.8666619737	0.085854682	0.104773047	0.047888942	0.3658536437	0.1464889648	6.268600e−03	PHKB
ENSG00000102898	1609.249547	−0.074873683	0.0437049350	−0.048035114	0.200678441	0.021874773	0.5597833695	0.0179732169	6.364571e−01	NUTF2
ENSG00000102901	945.106039	0.196159401	0.0093508178	0.100749797	0.185834297	0.112004670	0.1414283552	−0.0913663549	2.353792e−01	CENPT
ENSG00000102908	1660.421320	0.184933339	0.0478917909	0.118932133	0.205805323	0.207670470	0.0271477462	0.0265582081	7.790521e−01	NFAT5
ENSG00000102910	2391.783280	−0.005440017	0.9140172197	−0.088031720	0.084101793	0.016508499	0.7458541705	0.1120130944	2.984493e−02	LONP2
ENSG00000102931	346.093684	−0.149646676	0.0282608941	−0.110644203	0.107734215	0.023956499	0.7269709115	−0.0704158690	3.103048e−01	ARL2BP
ENSG00000102962	99.010361	0.245587558	0.0344969895	0.044991093	0.697397649	0.113991861	0.3245598831	0.2515820727	2.900020e−02	CCL22
ENSG00000102970	10.518290	0.180303476	0.0276928709	0.023656987	0.771977587	0.126252889	0.1221636295	0.2017590997	1.335042e−02	CCL17
ENSG00000103018	1440.211612	0.002478425	0.9673199514	0.121246323	0.046936043	0.145383906	0.0172138098	0.0576888235	3.506414e−01	CYB5B
ENSG00000103024	1089.950369	−0.084839615	0.2415269617	−0.078764731	0.281005071	−0.118516501	0.1049739529	−0.1566122523	3.394711e−02	NME3
ENSG00000103034	2.921790	−0.021212106	0.8060850032	0.012791749	0.882226830	0.195825206	0.0239461541	0.0411285608	6.331264e−01	NDRG4
ENSG00000103037	324.474815	0.135043201	0.0733684804	−0.025840402	0.734788966	0.165436415	0.0295701805	−0.0690850602	3.704171e−01	SETD6
ENSG00000103067	11.350323	−0.093226194	0.4587101213	−0.343803265	0.005927148	−0.232016285	0.0635715702	0.0636085654	6.107009e−01	ESRP2
ENSG00000103089	3.281753	0.077366045	0.3216747816	0.118614065	0.128458772	0.162019019	0.0378641764	0.1165285803	1.342296e−01	FA2H
ENSG00000103111	1600.502973	0.061944107	0.3181171936	0.090124937	0.150177324	0.103231016	0.0993878993	0.1628529553	1.015730e−02	MON1B
ENSG00000103150	214.514296	0.074358821	0.3871150618	0.192755027	0.025568344	0.148780334	0.0853769123	0.1482340339	8.879226e−02	MLYCD
ENSG00000103152	902.246509	−0.122199858	0.0516587710	−0.123119255	0.052165267	−0.233975219	0.0002307873	−0.1244135215	5.245336e−02	MPG
ENSG00000103160	220.970585	0.157722252	0.0799356598	0.012481168	0.890738858	0.206192514	0.0228645079	0.1892770646	3.800415e−02	HSDL1
ENSG00000103187	87461.841415	−0.067701575	0.1534051468	−0.074109391	0.122244745	−0.095588150	0.0462298783	−0.0243008207	6.171279e−01	COTL1
ENSG00000103196	116.623449	−0.029133337	0.7849015324	0.135159898	0.204074157	0.024417397	0.8184979265	0.2527572505	1.710912e−02	CRISPLD2
ENSG00000103199	275.306129	−0.057726358	0.5079102699	−0.072995234	0.405447606	−0.261374347	0.0030002391	−0.1749314908	4.840831e−02	ZNF500
ENSG00000103202	992.379810	−0.017816196	0.8798496397	−0.149561301	0.204983851	−0.221593291	0.0604216540	−0.2516122954	3.320971e−02	NME4
ENSG00000103245	580.576417	0.169511487	0.0478838274	0.105329806	0.222179240	0.216407113	0.0120893971	0.1022130727	2.401842e−01	NARFL
ENSG00000103248	308.491205	0.015064449	0.8686523110	0.070434473	0.441604108	0.148104061	0.1054986750	0.1933429394	3.582836e−02	MTHFSD
ENSG00000103253	98.668797	0.098414937	0.4406908376	0.172554333	0.175723078	0.338642984	0.0078487872	0.2052316467	1.066832e−01	HAGHL
ENSG00000103266	1049.292889	−0.080514772	0.1830816825	−0.122190722	0.045508861	−0.105447839	0.0844563512	−0.0626747999	3.105980e−01	STUB1
ENSG00000103275	4063.074033	−0.048315078	0.2097009935	−0.079106614	0.042438726	−0.019298692	0.6205098666	−0.0432892452	2.735559e−01	UBE2I
ENSG00000103313	2904.318576	0.060952120	0.5349704850	0.002370068	0.980843574	−0.053913051	0.5849674547	0.2975832386	2.717714e−03	MEFV
ENSG00000103342	2880.527317	0.121082832	0.0475609868	0.105679599	0.086849273	0.134248699	0.0296271638	0.1895778356	2.397232e−03	GSPT1
ENSG00000103343	203.493512	−0.209810577	0.0069058587	−0.201126876	0.010132633	−0.166584694	0.0332263648	−0.1919018790	1.511908e−02	ZNF174
ENSG00000103353	1166.469158	−0.025177029	0.7175037824	−0.012661207	0.856888267	0.062166428	0.3757827486	0.1731411074	1.454385e−02	UBFD1
ENSG00000103356	429.178290	−0.011885196	0.8734709171	0.138707449	0.064668105	0.152596153	0.0421867753	0.1611328381	3.341095e−02	EARS2
ENSG00000103363	2160.612061	−0.096818006	0.0541735372	−0.073103784	0.150266270	−0.120817877	0.0175213138	−0.0132856388	7.963340e−01	ELOB
ENSG00000103365	5018.008493	0.040740111	0.4693452323	0.128730075	0.023624686	0.045202838	0.4269582730	0.0161007491	7.798769e−01	GGA2
ENSG00000103415	1112.881890	−0.129173902	0.0183908891	−0.062272817	0.260272177	0.007834099	0.8873282927	−0.0198395921	7.230028e−01	HMOX2
ENSG00000103423	941.736640	−0.010832927	0.8366641484	−0.015661597	0.768044908	−0.015919991	0.7645081584	0.1302517649	1.522272e−02	DNAJA3
ENSG00000103426	3.345265	0.092425500	0.4125435244	−0.074369898	0.504682012	−0.121825061	0.2725518987	0.2371916392	3.529227e−02	CORO7−PAM16
ENSG00000103472	372.041195	−0.044814846	0.6422854021	−0.043611114	0.652797592	−0.152704925	0.1156346714	−0.2455848781	1.197561e−02	RRN3P2
ENSG00000103490	3261.252028	−0.138786218	0.0337939970	−0.081781491	0.215180988	−0.113057625	0.0867016589	−0.0311642612	6.405427e−01	PYCARD
ENSG00000103495	2720.833174	−0.031809803	0.6556165557	−0.181927310	0.011489663	−0.091367637	0.2042485810	−0.0615963962	3.969308e−01	MAZ
ENSG00000103496	1622.681637	0.216589559	0.0025694415	0.136948218	0.058821644	0.052426879	0.4697351165	−0.0004108993	9.955272e−01	STX4
ENSG00000103534	1.834874	0.018328061	0.8088621866	0.058930929	0.436674886	−0.021523384	0.7752719483	0.2615528183	5.993748e−04	TMC5
ENSG00000103599	7.539947	−0.172263496	0.1619688295	−0.246382516	0.044273022	−0.104015392	0.3967333879	−0.2056041496	9.225963e−02	IQCH
ENSG00000103642	2249.984540	0.072789556	0.3095960663	−0.024468741	0.734964060	0.030869257	0.6693014778	0.1454855928	4.627899e−02	LACTB
ENSG00000103647	6.363585	0.146667434	0.1201584050	0.126505250	0.178904178	0.078824586	0.4015759180	0.3223848191	6.109652e−04	CORO2B
ENSG00000103707	656.058580	−0.156718391	0.0355407418	−0.098461637	0.190076440	0.039007110	0.6032875148	−0.1096852772	1.481922e−01	MTFMT
ENSG00000103723	3.154080	0.049511773	0.5484540465	0.027318756	0.740081590	0.113041187	0.1703665374	0.1717453646	3.703691e−02	AP3B2
ENSG00000103769	4372.457761	−0.131827319	0.0183087268	−0.061660838	0.274636426	0.025823434	0.6472459782	−0.0621575614	2.768430e−01	RAB11A
ENSG00000103811	15108.467617	−0.111261373	0.0659299405	−0.142615813	0.019603189	−0.056588915	0.3543970928	−0.1932692330	1.779802e−03	CTSH
ENSG00000103932	839.706002	0.073437430	0.2795150856	0.005981864	0.930488987	0.038617349	0.5733760476	0.1381063034	4.607512e−02	RPAP1
ENSG00000103994	6091.153601	−0.014272289	0.8462530676	−0.043178765	0.560754249	0.040193088	0.5881440705	0.1623472220	3.034965e−02	ZNF106
ENSG00000103995	391.358945	0.328584193	0.0011443377	0.146789552	0.148294617	0.158198581	0.1193140432	0.1785660430	8.029806e−02	CEP152
ENSG00000104047	478.074206	0.173359404	0.0118420107	0.088966259	0.201004331	0.084216900	0.2264993147	0.0927226365	1.876995e−01	DTWD1
ENSG00000104067	1.119838	−0.019309839	0.7521282457	0.080949338	0.187228624	0.136047355	0.0267569004	0.0337544442	5.806468e−01	TJP1
ENSG00000104081	6045.900474	−0.030009156	0.6431415900	−0.068550567	0.294488886	−0.132969752	0.0420432088	−0.3364213517	3.700216e−07	BMF
ENSG00000104133	3968.618311	0.128760794	0.0261928019	0.088232666	0.131533073	0.081836878	0.1619523543	0.1733764292	3.420102e−03	SPG11
ENSG00000104142	1534.713851	0.026948582	0.7084658483	−0.054644263	0.452378236	−0.144214416	0.0475016163	0.0270719942	7.124518e−01	VPS18
ENSG00000104177	183.535921	−0.093975557	0.4193422296	−0.079673653	0.494119981	0.115548491	0.3209338082	−0.3059820003	8.822139e−03	MYEF2
ENSG00000104205	696.493822	0.021635505	0.7098823653	0.057067245	0.330970315	0.140438232	0.0166430833	0.1098487420	6.427694e−02	SGK3
ENSG00000104218	384.956262	−0.046546816	0.5178408612	−0.026007073	0.720059738	−0.075221284	0.3008345636	−0.1517477293	3.898067e−02	CSPP1
ENSG00000104228	535.913685	−0.083112922	0.2776949094	−0.164361882	0.033360363	−0.001852001	0.9808424660	0.0291602781	7.079024e−01	TRIM35
ENSG00000104231	1210.631070	−0.181015868	0.0049712267	−0.025901350	0.690107217	−0.116871985	0.0723398149	−0.1453279628	2.717202e−02	ZFAND1
ENSG00000104290	150.640013	−0.209407238	0.0921889089	−0.136518072	0.271909514	−0.254847788	0.0403870700	−0.3563080281	4.143847e−03	FZD3
ENSG00000104320	2085.870413	0.113772000	0.0460118464	0.118176939	0.040194326	0.166103763	0.0039265677	0.2466994145	2.307840e−05	NBN
ENSG00000104324	1758.780185	−0.109069910	0.0821774428	0.025270982	0.689813873	−0.042646486	0.5009169192	−0.1971686354	2.107774e−03	CPQ
ENSG00000104408	12961.663455	−0.188184630	0.0006511901	−0.063498518	0.254846290	−0.089789117	0.1074042916	−0.1340425399	1.764277e−02	EIF3E
ENSG00000104432	117.358378	0.085821270	0.4791304612	0.102209593	0.399278377	0.196984412	0.1041460825	0.2608997008	3.139953e−02	IL7
ENSG00000104450	162.005692	0.277096901	0.0354261830	0.075999376	0.562881050	−0.011321945	0.9313163092	−0.0217323314	8.681176e−01	SPAG1
ENSG00000104472	1964.085339	−0.059046479	0.2187581910	−0.059208775	0.222667442	−0.086747949	0.0742140826	−0.1382499699	4.992975e−03	CHRAC1
ENSG00000104490	172.872603	−0.214012142	0.1045799462	0.072050951	0.583579157	−0.258598270	0.0491320440	−0.0412904206	7.524573e−01	NCALD
ENSG00000104522	1098.225004	−0.061102109	0.1984226248	−0.084459721	0.078784886	−0.113399678	0.0184395403	−0.0573155516	2.392650e−01	TSTA3
ENSG00000104549	802.796245	0.052816965	0.6541143949	0.044421955	0.706577329	0.238322203	0.0433775159	0.2349703757	4.667971e−02	SQLE
ENSG00000104611	20.949759	0.014989638	0.8456904054	0.240435397	0.001779740	−0.005278968	0.9452461727	0.2310011872	2.621897e−03	SH2D4A
ENSG00000104626	405.483031	0.117052824	0.1865458603	0.172716981	0.052574472	0.192668252	0.0306269568	0.2069205405	2.119808e−02	ERI1
ENSG00000104635	116.065670	0.048815717	0.6540879419	−0.108937134	0.319855881	0.087558583	0.4228669987	0.2336601127	3.259830e−02	SLC39A14
ENSG00000104643	1113.666555	0.178458771	0.0078281300	0.088396147	0.192130860	0.041958378	0.5361562737	0.0266632076	6.973726e−01	MTMR9
ENSG00000104679	846.519002	−0.113936115	0.0407108651	−0.149382550	0.007957270	−0.198387320	0.0004340231	−0.1148911362	4.372828e−02	R3HCC1
ENSG00000104687	2215.744791	−0.025479662	0.6903620309	−0.001235270	0.984734538	0.009789486	0.8794936695	0.1789171763	6.115975e−03	GSR

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000104738	703.774736	0.235247102	1.500730e−02	0.0302099330	0.756131288	0.109801463	2.589057e−01	0.2149347007	2.799662e−02	MCM4
ENSG00000104774	14457.401042	−0.098226799	1.171404e−01	−0.1251327717	0.048058117	−0.138776976	2.835721e−02	−0.1796764163	5.028543e−03	MAN2B1
ENSG00000104824	7867.760541	0.001342161	9.682337e−01	−0.0180563590	0.596620667	−0.076509039	2.500964e−02	−0.0625423639	7.096078e−02	HNRNPL
ENSG00000104825	887.753373	0.135718889	3.061239e−02	0.0303546904	0.632370448	0.021427097	7.357559e−01	−0.0038326113	9.524336e−01	NFKBIB
ENSG00000104856	2334.020357	0.070248551	2.886333e−01	−0.0694598659	0.298790469	−0.141420232	3.447982e−02	−0.1487564055	2.786888e−02	RELB
ENSG00000104859	3909.948412	0.145218302	3.138628e−02	0.0009134296	0.989300042	−0.062018671	3.626579e−01	−0.0017370425	9.798816e−01	CLASRP
ENSG00000104863	71.317746	0.065847105	5.664075e−01	−0.2826012330	0.014586806	−0.207729123	7.241650e−02	−0.2253991505	5.145626e−02	LIN7B
ENSG00000104870	16094.292087	−0.030193605	6.137440e−01	−0.0303454424	0.615502324	−0.045148990	4.549376e−01	−0.1722318362	4.864243e−03	FCGRT
ENSG00000104880	361.888592	−0.134311473	8.366526e−02	−0.1682600522	0.031654685	−0.185579610	1.791176e−02	−0.1425219029	7.122317e−02	ARHGEF18
ENSG00000104881	97.892610	0.146316977	2.123604e−01	0.0964492835	0.411681520	0.188201425	1.089857e−01	0.2536217106	3.093123e−02	PPP1R13L
ENSG00000104885	3386.912292	0.159623516	3.038167e−02	−0.0268207679	0.718362158	−0.002738848	9.706230e−01	0.1181592779	1.157164e−01	DOT1L
ENSG00000104886	1571.910459	−0.162345476	1.235758e−03	−0.1235985202	0.014926677	−0.174111249	6.150040e−04	−0.0970520451	5.919034e−02	PLEKHJ1
ENSG00000104899	19.211052	0.330140589	7.717590e−03	0.2217758977	0.072213992	0.150629604	2.216859e−01	0.2760350399	2.457272e−02	AMH
ENSG00000104904	30501.521070	−0.065721129	1.165018e−01	−0.0579964513	0.170935273	−0.123491241	3.555525e−03	−0.0249030854	5.621086e−01	OAZ1
ENSG00000104907	2120.919866	0.016635008	7.277948e−01	−0.0457460470	0.344016736	−0.115120545	1.738567e−02	0.0183707408	7.076888e−01	TRMT1
ENSG00000104915	2332.539112	−0.140808408	2.910736e−02	−0.0871053111	0.181084224	−0.232360665	3.645643e−04	−0.0760220090	2.484917e−01	STX10
ENSG00000104918	173.590809	0.187806219	1.505829e−01	−0.0061415955	0.962367195	0.069324395	5.943249e−01	0.3257597349	1.194069e−02	RETN
ENSG00000104921	150.966234	0.299080885	1.103448e−02	0.3280816218	0.005137318	0.038798102	7.406219e−01	0.2513250072	3.127562e−02	FCER2
ENSG00000104936	109.849853	0.148615643	2.351758e−01	0.2887736973	0.020895566	0.197829516	1.137584e−01	0.0019128053	9.877996e−01	DMPK
ENSG00000104969	2067.193660	0.012065186	8.534506e−01	−0.0230662468	0.726462804	−0.175069040	7.988834e−03	−0.0678166519	3.094210e−01	SGTA
ENSG00000104974	3798.388247	−0.147142613	4.811390e−02	0.0434753197	0.562305251	−0.084838579	2.583364e−01	0.0977761692	1.970709e−01	LILRA1
ENSG00000104979	1571.302689	−0.146905379	1.332227e−03	−0.0751034426	0.104284127	−0.180174077	1.010790e−04	−0.0861732176	6.615868e−02	C19orf53
ENSG00000104998	2626.640928	−0.209012287	7.676005e−03	−0.1112696194	0.158908246	−0.068831883	3.834995e−01	0.0119812542	8.805295e−01	IL27RA
ENSG00000105058	2352.965807	−0.099483768	2.318354e−02	−0.0555104748	0.210183588	−0.044445864	3.158803e−01	−0.0577470711	1.985602e−01	FAM32A
ENSG00000105127	2332.514554	0.028492931	4.982357e−01	−0.0661780208	0.120325593	−0.100966282	1.789941e−02	−0.0956529559	2.694127e−02	AKAP8
ENSG00000105185	714.015502	−0.166892782	1.381836e−02	0.0473186993	0.487957913	0.039771990	5.601671e−01	−0.0940477700	1.733345e−01	PDCD5
ENSG00000105193	29365.318640	−0.148601793	4.570011e−03	−0.1014872914	0.055337171	−0.097104815	6.673832e−02	−0.1589992860	3.045691e−03	RPS16
ENSG00000105197	1357.591953	−0.023809133	5.299167e−01	−0.0693531145	0.070882226	−0.091142350	1.780843e−02	−0.0136079309	7.265021e−01	TIMM50
ENSG00000105202	5211.341756	−0.184828046	7.664675e−05	−0.0681495582	0.149102798	−0.085026005	7.193629e−02	−0.1659462920	5.323804e−04	FBL
ENSG00000105205	20.947950	0.047025694	6.265369e−01	0.0736974703	0.444596560	0.209100624	3.016550e−02	0.0438556657	6.479489e−01	CLC
ENSG00000105219	3.433609	0.112468392	1.920407e−01	0.0250564651	0.770232835	0.003517586	9.672380e−01	0.1971999048	2.189282e−02	CNTD2
ENSG00000105245	311.989302	0.261425166	5.745024e−03	0.0586507753	0.538378798	−0.012408176	8.965580e−01	0.0887034504	3.552254e−01	NUMBL
ENSG00000105248	1419.259845	−0.001558223	9.772999e−01	−0.1466500956	0.008122405	−0.234767480	2.326904e−05	−0.1914784518	6.550627e−04	CCDC94
ENSG00000105254	2358.010098	−0.088492403	7.179853e−02	−0.0764729627	0.123788454	−0.112550428	2.359959e−02	−0.0758480923	1.320179e−01	TBCB
ENSG00000105281	2610.415349	−0.096050073	2.867599e−01	−0.0047845854	0.957925497	0.081319569	3.698632e−01	0.2496013891	6.282816e−03	SLC1A5
ENSG00000105287	609.867988	0.124166554	2.302746e−01	0.1255544209	0.226815443	0.143475443	1.672777e−01	0.2645546850	1.123091e−02	PRKD2
ENSG00000105290	1.643172	0.264998176	2.221752e−03	0.0721411038	0.399321813	0.119834501	1.617026e−01	0.0439298533	6.059672e−01	APLP1
ENSG00000105321	1049.826532	0.232838394	2.202076e−03	0.0687047170	0.370530519	−0.020800250	7.864888e−01	0.0664417229	3.913835e−01	CCDC9
ENSG00000105323	13251.194930	−0.014262223	7.272737e−01	−0.0481757729	0.244292340	−0.095435218	2.111027e−02	−0.0004209263	9.919968e−01	HNRNPUL1
ENSG00000105325	1413.344567	0.106033068	3.763462e−02	−0.0659630760	0.201796673	−0.027905442	5.892069e−01	−0.1175472419	2.488018e−02	FZR1
ENSG00000105327	312.001491	0.272883756	3.289707e−02	0.0347521513	0.785619320	0.067024184	5.998676e−01	0.0298888480	8.147185e−01	BBC3
ENSG00000105355	2776.670826	−0.057686788	3.291371e−01	−0.1200616207	0.044402529	−0.141305253	1.801899e−02	0.0565722196	3.490753e−01	PLIN3
ENSG00000105364	1297.985770	−0.065997243	2.795427e−01	−0.0687955831	0.264269208	−0.121239107	4.934695e−02	0.0056007178	9.284171e−01	MRPL4
ENSG00000105369	390.254599	0.169548479	1.493872e−01	0.1959687473	0.094433974	0.159405071	1.736870e−01	0.2536790419	2.963752e−02	CD79A
ENSG00000105372	28952.125602	−0.138569994	8.142770e−03	−0.1218019853	0.021382189	−0.108727281	3.996446e−02	−0.1949647932	2.774383e−04	RPS19
ENSG00000105373	17004.207236	−0.189403668	3.681283e−03	−0.1214343987	0.065071703	−0.218665040	8.951717e−04	−0.2637903592	7.453342e−05	NOP53
ENSG00000105374	266.635208	0.120011981	3.027577e−01	0.2125618610	0.068180314	0.078450532	5.011804e−01	0.4054463629	5.117023e−04	NKG7
ENSG00000105393	1056.622946	−0.091110367	3.512836e−02	−0.0484412839	0.267556276	−0.098769964	2.412523e−02	−0.0484173338	2.744425e−01	BABAM1
ENSG00000105401	6437.737792	0.001200771	9.784669e−01	−0.0252359284	0.574928702	−0.113557833	1.166231e−02	−0.0812294317	7.511700e−02	CDC37
ENSG00000105402	3125.301564	0.121956986	1.525884e−01	0.0218669998	0.798927277	0.004047136	9.624000e−01	0.2185087371	1.157500e−02	NAPA
ENSG00000105427	32.363224	−0.214800211	1.031608e−01	−0.3163926130	0.016052560	−0.087099969	5.073863e−01	−0.6146775843	2.658103e−06	CNFN
ENSG00000105438	2349.780577	−0.010692895	8.086907e−01	0.0329007787	0.461154836	0.022901211	6.081795e−01	0.0923257660	4.127774e−02	KDELR1
ENSG00000105443	1702.140903	−0.083329227	1.621105e−01	−0.1026366383	0.088258538	−0.027445051	6.484257e−01	−0.1693303787	5.492006e−03	CYTH2
ENSG00000105464	50.977216	0.356959731	5.173692e−03	0.2687374639	0.035162558	0.291337935	2.240807e−02	0.0148086742	9.075674e−01	GRIN2D
ENSG00000105472	347.310640	−0.185128314	1.556991e−01	−0.0384545855	0.767249818	−0.324796332	1.241559e−02	−0.0029598591	9.817409e−01	CLEC11A
ENSG00000105479	11.651891	−0.062144528	6.117897e−01	−0.2105317976	0.083791216	−0.355260141	3.442516e−03	−0.1350613026	2.655862e−01	CCDC114
ENSG00000105486	506.816423	0.211919537	8.317340e−03	0.0333412436	0.680726708	0.055600498	4.926862e−01	−0.0193235482	8.134420e−01	LIG1
ENSG00000105507	2.076389	−0.117228151	1.453592e−02	−0.1199362268	0.012364133	−0.124855602	9.164344e−03	−0.1459194108	2.303657e−03	CABP5
ENSG00000105514	623.949646	−0.272352760	1.074466e−02	−0.1378288620	0.197957365	−0.033036279	7.575955e−01	0.2102387808	5.023773e−02	RAB3D
ENSG00000105516	703.747718	−0.127580209	2.470685e−01	−0.2323027271	0.035580547	−0.052857053	6.323897e−01	−0.0474420268	6.685994e−01	DBP
ENSG00000105538	26.777254	0.249317842	1.941268e−02	0.0168176114	0.874195199	−0.222018483	3.631562e−02	−0.0856931398	4.176238e−01	RASIP1
ENSG00000105552	517.677328	−0.097604583	1.845464e−01	−0.0187864076	0.799829522	−0.165725460	2.570453e−02	−0.0350395659	6.397543e−01	BCAT2
ENSG00000105568	6418.419601	−0.022974938	5.689925e−01	−0.0066896862	0.869775426	−0.106224362	9.286217e−03	0.0758225674	6.691520e−02	PPP2R1A
ENSG00000105576	1220.050559	0.035074489	5.283801e−01	−0.0232871869	0.678873810	0.013085957	8.160464e−01	−0.1209347852	3.400120e−02	TNPO2
ENSG00000105583	2371.524199	−0.085359105	5.137273e−02	0.0163917393	0.711168055	−0.023903506	5.895511e−01	−0.0950711566	3.436090e−02	WDR83OS
ENSG00000105607	632.329374	−0.026472313	7.008392e−01	0.0644919636	0.352845621	−0.026164661	7.067540e−01	0.1879164856	7.333086e−03	GCDH
ENSG00000105617	317.692115	−0.220780645	7.051005e−03	−0.2359051848	0.004254087	−0.240489870	3.591436e−03	−0.2738452563	1.019144e−03	LENG1
ENSG00000105639	3423.499597	0.083346031	3.673937e−01	0.0809740904	0.383854758	0.043981925	6.362457e−01	0.2130427071	2.288492e−02	JAK3
ENSG00000105640	4430.939068	−0.164318095	2.207939e−03	−0.1220543078	0.024453578	−0.121164122	2.553714e−02	−0.1649551512	2.687382e−03	RPL18A
ENSG00000105643	5802.476844	0.064595637	4.044999e−01	−0.0701185628	0.369354681	−0.067583622	3.869329e−01	−0.2066794413	8.785272e−03	ARRDC2
ENSG00000105656	1686.231323	0.059952265	3.421012e−01	−0.1115271709	0.080385695	−0.150544447	1.833283e−02	−0.1570951304	1.495698e−02	ELL
ENSG00000105669	5181.975693	−0.042117694	4.008766e−01	−0.0883900250	0.081225533	−0.113242715	2.552948e−02	−0.0164760845	7.483632e−01	COPE
ENSG00000105671	1773.340591	−0.010856609	8.248403e−01	−0.0648461607	0.191212082	−0.143538923	3.866506e−03	0.0252068607	6.159300e−01	DDX49
ENSG00000105676	1407.108377	−0.009174030	8.649085e−01	−0.0466065790	0.392490945	−0.011117544	8.383789e−01	0.1302552798	1.812437e−02	ARMC6
ENSG00000105677	1405.524043	−0.098938295	4.785644e−02	−0.0428000753	0.396837088	−0.091202411	7.136155e−02	−0.0958032696	6.141790e−02	TMEM147
ENSG00000105698	7493.301829	−0.089144307	6.573754e−02	−0.0999926724	0.041207572	−0.172264662	4.385132e−04	−0.1188486907	1.667574e−02	USF2
ENSG00000105699	55.792179	0.297587449	2.213206e−02	0.2410680958	0.063305534	0.219442036	9.100963e−02	0.1072204369	4.077747e−01	LSR
ENSG00000105701	6720.061129	−0.104851173	3.407499e−02	−0.1013987787	0.042653006	−0.167002879	8.454330e−04	−0.0575795080	2.559629e−01	FKBP8
ENSG00000105722	1658.951385	0.072812652	2.848489e−01	−0.0882938101	0.199088637	−0.106402365	1.218619e−01	−0.1562164462	2.469861e−02	ERF
ENSG00000105726	5076.345517	0.055279866	3.993129e−01	−0.0253778900	0.701493871	−0.063968394	3.340388e−01	0.1396134624	3.704432e−02	ATP13A1
ENSG00000105737	9.500853	0.242895813	4.874190e−02	0.0898774195	0.463154704	0.051659594	6.728679e−01	0.2654505636	2.985265e−02	GRIK5
ENSG00000105755	1679.918455	−0.180997944	1.609635e−02	−0.0397574160	0.599788813	−0.189670672	1.237843e−02	−0.0521170904	4.959188e−01	ETHE1
ENSG00000105821	988.294879	0.146490825	1.349550e−02	0.0633573133	0.290614888	0.095738276	1.103285e−01	0.0802213286	1.861791e−01	DNAJC2
ENSG00000105849	903.486645	0.091422906	2.377887e−01	0.0727895119	0.351078414	−0.060329340	4.401586e−01	−0.1613104164	4.102938e−02	TWISTNB
ENSG00000105855	6.207673	0.217010859	4.236920e−02	0.0990744281	0.351287198	0.166754645	1.169041e−01	0.0395097637	7.088051e−01	ITGB8
ENSG00000105875	1250.807326	0.013292415	8.622023e−01	−0.0093788818	0.903298302	−0.094602616	2.206936e−01	−0.1914177851	1.417610e−02	WDR91
ENSG00000105887	14092.969371	−0.003675171	9.352033e−01	−0.0153556044	0.736968848	0.028698891	5.301808e−01	0.1436020468	1.943923e−03	MTPN
ENSG00000105948	53.292950	−0.046059949	7.246212e−01	0.1211050857	0.352968315	0.193562047	1.376206e−01	0.2860573122	2.769237e−02	TTC26
ENSG00000105963	2393.098767	−0.076803646	3.119258e−01	−0.1350853955	0.077729707	−0.201487147	8.531377e−03	−0.1287568123	9.593617e−02	ADAP1
ENSG00000105967	1811.997660	0.113037703	2.928313e−01	0.2300860117	0.032771101	0.200111556	6.336404e−02	0.2695207159	1.272693e−02	TFEC
ENSG00000105974	3.982988	0.076416528	3.094400e−01	0.2039476407	0.006718718	0.084096394	2.624122e−01	0.0773654976	3.015452e−01	CAV1
ENSG00000105983	1218.207204	−0.054180418	3.901096e−01	0.1357099428	0.032712881	0.126688205	4.629010e−02	0.0505374435	4.320591e−01	LMBR1
ENSG00000105988	102.638789	0.022131710	8.210654e−01	0.1191485379	0.224011322	0.094794728	3.341999e−01	0.2020604636	4.013382e−02	NHP2P1
ENSG00000106034	1454.050870	−0.200746800	7.243724e−02	−0.2073393411	0.064143484	−0.226109824	4.352439e−02	0.0083288039	9.408763e−01	CPED1
ENSG00000106049	535.945020	−0.133891295	3.107901e−02	0.0034984651	0.955379211	0.101176868	1.051878e−01	−0.0986420282	1.195979e−01	HIBADH
ENSG00000106066	26587.990522	−0.239744384	6.724928e−03	−0.1025149633	0.249461744	−0.146981001	9.870404e−02	−0.1421111893	1.131515e−01	CPVL
ENSG00000106080	407.632665	0.096025188	2.660837e−01	−0.0202315436	0.816210621	0.170766187	4.940053e−02	0.0336694952	7.008928e−01	FKBP14
ENSG00000106089	34.218267	0.282095127	2.692336e−02	0.1390288035	0.273438503	−0.054204178	6.690990e−01	0.2170799228	8.579890e−02	STX1A
ENSG00000106105	2243.097837	−0.003486952	9.253192e−01	0.0042270429	0.910559959	−0.011856123	7.529438e−01	0.1338079753	4.460420e−04	GARS
ENSG00000106123	918.026255	0.014644011	8.667184e−01	−0.1274666354	0.146897460	−0.181378023	3.910249e−02	−0.0267732266	7.623559e−01	EPHB6
ENSG00000106125	5.176152	0.120087029	2.535471e−01	0.2219393130	0.034643890	0.132076495	2.072134e−01	0.2918980289	5.411114e−03	MINDY4
ENSG00000106144	1541.393093	−0.043174129	5.889071e−01	−0.1724812751	0.032223565	0.078780335	3.275856e−01	−0.0668259945	4.107439e−01	CASP2
ENSG00000106153	5113.425782	−0.104619411	3.758680e−02	−0.0615404155	0.226238126	−0.022878188	6.528073e−01	−0.0424306400	4.102762e−01	CHCHD2
ENSG00000106178	6.783701	0.071863086	3.895900e−01	0.1096103074	0.188679939	0.044382991	5.940496e−01	0.1671174080	4.471847e−02	CCL24
ENSG00000106244	1753.782561	−0.075545806	1.129849e−01	−0.0215881441	0.653971755	−0.107696869	2.557897e−02	−0.0647193251	1.852053e−01	PDAP1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000106261	1.609565e+03	0.029856332	6.775769e−01	0.0547558748	4.496022e−01	0.1477912096	4.122420e−02	0.131895285	7.137746e−02	ZKSCAN1
ENSG00000106268	9.420917e+02	−0.086645824	2.491099e−01	−0.0863687462	2.545533e−01	−0.1788909869	1.840200e−02	−0.048183371	5.288950e−01	NUDT1
ENSG00000106299	5.882595e+02	−0.046552628	5.693067e−01	−0.1723987026	3.663766e−02	−0.1443134612	8.026697e−02	−0.118565844	1.540419e−01	WASL
ENSG00000106302	1.200099e+00	0.086473221	2.071048e−02	0.0057720171	8.770901e−01	−0.0003291543	9.929582e−01	0.014536799	6.968773e−01	HYAL4
ENSG00000106305	5.738563e+02	−0.077735461	1.861526e−01	0.0806062584	1.729545e−01	−0.0359979153	5.442939e−01	0.118896680	4.697570e−02	AIMP2
ENSG00000106346	7.677401e+02	0.198064623	1.620442e−02	0.0547114315	5.099577e−01	0.0152199164	8.546450e−01	0.063182134	4.508271e−01	USP42
ENSG00000106348	5.700609e+03	−0.094386162	1.073981e−01	−0.1256335950	3.388844e−02	−0.1333357346	2.437389e−02	−0.038988984	5.154274e−01	IMPDH1
ENSG00000106351	1.826691e+02	−0.085885789	3.850553e−01	−0.1569211265	1.143205e−01	0.0072699552	9.415757e−01	−0.239889934	1.662256e−02	AGFG2
ENSG00000106355	7.424203e+02	−0.137421278	3.468605e−02	0.0540667428	4.092398e−01	0.0059547444	9.276685e−01	−0.137104446	3.898212e−02	LSM5
ENSG00000106366	7.268992e+01	0.386406961	1.013560e−04	0.2143934218	3.051009e−02	0.0923674456	3.511741e−01	0.038421026	6.970977e−01	SERPINE1
ENSG00000106367	5.080737e+02	−0.143894514	2.979999e−02	0.0476204260	4.744121e−01	−0.0481875972	4.703450e−01	0.003586790	9.575598e−01	AP1S1
ENSG00000106400	1.487490e+03	−0.032881041	5.109183e−01	−0.0689682348	1.727109e−01	−0.1055911372	3.703687e−02	0.067950088	1.842593e−01	ZNHIT1
ENSG00000106415	1.811926e+02	0.164374976	1.178327e−01	0.1631752563	1.217494e−01	0.2462372926	1.947577e−02	0.137570565	1.942656e−01	GLCCI1
ENSG00000106459	6.244215e+02	0.106141963	4.653022e−02	0.0657571629	2.227787e−01	0.0106058942	8.445144e−01	0.043141397	4.301777e−01	NRF1
ENSG00000106462	7.259545e+02	0.147829255	4.649651e−02	0.1182008270	1.144633e−01	0.0936557616	2.113484e−01	0.123058670	1.038108e−01	EZH2
ENSG00000106524	2.663946e+02	0.182247286	3.109747e−02	0.0117677993	8.903535e−01	0.1452546951	8.826895e−02	0.154188309	7.261616e−02	ANKMY2
ENSG00000106554	6.844235e+03	−0.191524945	9.744943e−05	−0.0881512226	7.597519e−02	−0.1167782405	1.875739e−02	−0.196890735	9.247757e−05	CHCHD3
ENSG00000106560	7.625836e+02	0.047960117	6.118448e−01	0.1801546343	5.775331e−02	0.0588853496	5.353787e−01	0.258870610	6.759980e−03	GIMAP2
ENSG00000106588	5.022924e+02	0.057600420	3.194571e−01	0.0943224833	1.059036e−01	0.0351260968	5.482033e−01	0.172390098	3.490623e−03	PSMA2
ENSG00000106591	6.054951e+02	0.107082514	1.017376e−01	0.1524338171	2.087722e−02	0.2034699322	2.040639e−03	0.103225981	1.223564e−01	MRPL32
ENSG00000106605	8.745722e+02	0.088393543	4.322347e−01	0.1499303698	1.836654e−01	−0.0323617100	7.742082e−01	0.258413497	2.227579e−02	BLVRA
ENSG00000106610	4.168306e+02	−0.020970362	8.036453e−01	−0.0618239130	4.668022e−01	−0.2700455502	1.530327e−03	−0.216673173	1.159361e−02	STAG3L4
ENSG00000106615	6.884455e+02	0.159706053	3.669620e−02	0.0860246075	2.644735e−01	0.0243931432	7.519216e−01	0.043883066	5.732835e−01	RHEB
ENSG00000106628	1.451275e+03	−0.151385358	6.856845e−03	−0.2035033056	3.238587e−04	−0.0904645656	1.096928e−01	−0.124021811	3.036589e−02	POLD2
ENSG00000106635	2.916220e+03	0.018280736	7.415375e−01	0.0141624489	8.003527e−01	−0.1670572314	2.888062e−03	−0.094887572	9.457640e−02	BCL7B
ENSG00000106665	1.889418e+03	−0.074604415	3.492139e−01	−0.1911624845	1.732896e−02	−0.1694444664	3.492985e−02	−0.005396396	9.468980e−01	CLIP2
ENSG00000106682	1.071083e+04	−0.026149205	3.380906e−01	−0.0290856539	2.926480e−01	−0.0781802363	4.701835e−03	−0.011685376	6.770853e−01	EIF4H
ENSG00000106701	1.951290e+02	−0.233974000	1.611427e−02	−0.1168486336	2.309156e−01	0.0919485224	3.446184e−01	−0.101252335	3.017738e−01	FSD1L
ENSG00000106733	2.544298e+02	0.033015513	7.898194e−01	0.1002439321	4.181034e−01	0.2458634497	4.698610e−02	0.190101427	1.244187e−01	NMRK1
ENSG00000106772	7.977210e+01	0.188251910	1.531027e−01	0.3059640581	1.986361e−02	0.3771592363	4.093387e−03	0.333344873	1.087124e−02	PRUNE2
ENSG00000106785	2.822879e+03	0.042023517	6.729300e−01	−0.0060033052	9.521295e−01	−0.0511154893	6.092740e−01	0.244384319	1.506681e−02	TRIM14
ENSG00000106789	1.002949e+02	0.092098468	4.833570e−01	−0.3380712080	9.913789e−03	−0.1819386903	1.651428e−01	−0.080218604	5.391031e−01	CORO2A
ENSG00000106823	4.534755e+00	−0.067069521	5.113651e−01	−0.2569693363	1.119104e−02	−0.1513300470	1.359519e−01	−0.055955498	5.815092e−01	ECM2
ENSG00000106853	3.372358e+01	0.297217898	2.288844e−02	0.1171538460	3.678452e−01	0.0927345156	4.758850e−01	0.055173667	6.700030e−01	PTGR1
ENSG00000107020	3.543031e+02	−0.151909956	3.967522e−02	−0.0366812948	6.212830e−01	−0.1611445209	3.054715e−02	−0.192278854	1.067483e−02	PLGRKT
ENSG00000107077	9.472576e+02	0.097201390	6.613869e−02	0.0859053450	1.080057e−01	0.0791488798	1.389961e−01	0.159874184	3.134761e−03	KDM4C
ENSG00000107130	3.502351e+00	0.101848354	1.145360e−01	0.1268148059	4.926861e−02	0.0971521364	1.315874e−01	0.080855521	2.087610e−01	NCS1
ENSG00000107201	7.367032e+02	0.241882532	4.342518e−02	0.1019438233	3.950093e−01	0.2449326237	4.096847e−02	0.538088595	7.196728e−06	DDX58
ENSG00000107223	4.387402e+03	−0.116462957	8.648491e−03	−0.0638940926	1.542392e−01	−0.1504531047	8.016531e−04	−0.131195286	3.930720e−03	EDF1
ENSG00000107242	7.736340e+01	0.122488515	3.262267e−01	0.3597224935	3.861343e−03	0.0369352637	7.672819e−01	0.193000762	1.212225e−01	PIP5K1B
ENSG00000107249	1.580775e+00	0.043050262	5.231652e−01	0.0376024555	5.765004e−01	0.1513062212	2.501316e−02	0.191364062	4.644528e−03	GLIS3
ENSG00000107263	1.542302e+04	−0.008435341	8.958905e−01	−0.0169670737	7.943052e−01	−0.0859734468	1.864990e−01	−0.172765439	8.689032e−03	RAPGEF1
ENSG00000107281	7.746740e+01	0.238205798	7.082137e−02	0.0662513263	6.142585e−01	0.1841067474	1.613338e−01	0.262907426	4.465330e−02	NPDC1
ENSG00000107282	7.071308e+02	−0.187082662	1.410394e−01	−0.0924597057	4.664034e−01	−0.0643196820	6.123867e−01	−0.286352164	2.389139e−02	APBA1
ENSG00000107290	6.802021e+03	0.095487125	4.681659e−02	0.0058676280	9.038577e−01	0.0573552624	2.377032e−01	0.095742688	5.180722e−02	SETX
ENSG00000107404	1.195070e+03	−0.080537616	1.718956e−01	−0.1226983569	3.941712e−02	−0.1736480505	3.590781e−03	−0.134606763	2.565322e−02	DVL1
ENSG00000107521	6.947334e+03	−0.112893838	2.023946e−02	−0.1017306959	3.851881e−02	−0.1482295560	2.575851e−03	−0.140736758	4.736223e−03	HPS1
ENSG00000107551	9.248537e+03	−0.066329374	4.658715e−01	−0.1007541508	2.708278e−01	−0.1114238973	2.233212e−01	−0.264747965	4.073929e−03	RASSF4
ENSG00000107566	5.428867e+02	−0.115451685	3.033724e−01	0.0748123081	5.055053e−01	−0.0086447680	9.386910e−01	0.391116650	5.125619e−04	ERLIN1
ENSG00000107581	1.065346e+04	0.177837029	6.211570e−03	0.1108589065	9.106703e−02	0.0325837038	6.194661e−01	0.103345251	1.194259e−01	EIF3A
ENSG00000107611	6.057652e+01	0.236691361	7.256273e−02	0.1558587660	2.355434e−01	0.2737886313	3.718891e−02	0.157085504	2.299287e−01	CUBN
ENSG00000107651	1.239503e+03	0.064864516	3.057717e−01	0.1144253098	7.337484e−02	0.1206596624	5.909749e−02	0.276641617	1.838128e−05	SEC23IP
ENSG00000107669	9.202890e+02	−0.096168890	3.579705e−02	−0.1073557756	2.053874e−02	−0.0127698688	7.825899e−01	0.025389253	5.875259e−01	ATE1
ENSG00000107736	2.327233e+03	−0.042104302	6.933603e−01	−0.1202090207	2.618287e−01	0.0335421787	7.541860e−01	−0.317644761	3.149181e−03	CDH23
ENSG00000107738	2.584192e+04	−0.162185868	3.997814e−02	−0.1450287005	6.834487e−02	−0.1689092853	3.376856e−02	0.042303454	5.983834e−01	VSIR
ENSG00000107789	2.150906e+02	0.078978577	3.511255e−01	0.0851099771	3.181825e−01	0.1292759102	1.294290e−01	0.321053676	1.748151e−04	MINPP1
ENSG00000107796	1.119731e+02	−0.244432782	6.190992e−02	−0.0202051474	8.770288e−01	−0.2961961813	2.335970e−02	−0.077788570	5.501272e−01	ACTA2
ENSG00000107831	7.141109e−01	0.104760714	4.315061e−02	0.0072964303	8.874391e−01	0.1080262245	3.665467e−02	0.008103221	8.749396e−01	FGF8
ENSG00000107862	3.100489e+03	0.167492548	1.106606e−03	0.0803884342	1.216272e−01	0.1265958740	1.477455e−02	0.126108635	1.651335e−02	GBF1
ENSG00000107863	2.650100e+03	−0.014412842	7.915624e−01	−0.0488408551	3.755795e−01	0.0130556313	8.127443e−01	−0.185928386	8.774117e−04	ARHGAP21
ENSG00000107874	1.428780e+03	−0.122415547	1.075919e−02	−0.0395194255	4.149174e−01	−0.1938773726	6.684572e−05	−0.083350460	8.995664e−02	CUEDC2
ENSG00000107882	1.111182e+03	0.023364793	7.348183e−01	−0.0301388739	6.651126e−01	0.0657581932	3.447170e−01	0.176510020	1.201398e−02	SUFU
ENSG00000107902	1.266958e+03	−0.046624826	5.567537e−01	−0.0651058371	4.154376e−01	−0.1686423448	3.503633e−02	−0.065925746	4.139528e−01	LHPP
ENSG00000107929	3.248059e+03	0.122739175	7.373283e−03	0.0753337730	1.040251e−01	0.1644063391	3.865634e−04	0.170226734	2.879816e−04	LARP4B
ENSG00000107960	7.598182e+02	−0.121176107	1.831414e−02	−0.0661511668	2.016581e−01	−0.0420059979	4.176624e−01	−0.009164029	8.613889e−01	STN1
ENSG00000107968	8.137361e+03	0.023704715	7.970210e−01	−0.0090140026	9.225288e−01	−0.2998837461	1.217147e−03	−0.139450262	1.352131e−01	MAP3K8
ENSG00000108061	2.565449e+03	0.059523236	3.459590e−01	−0.0002811195	9.964831e−01	0.0240715577	7.058783e−01	0.130597935	4.289528e−02	SHOC2
ENSG00000108094	1.093229e+03	0.237663569	1.712106e−03	0.1653980435	3.044278e−02	0.0709199707	3.538099e−01	0.099976538	1.954496e−01	CUL2
ENSG00000108100	6.648279e+03	−0.131277763	7.662393e−03	−0.1603718117	1.275108e−03	−0.1300483639	8.993262e−03	−0.072548848	1.502804e−01	CCNY
ENSG00000108106	5.461931e+02	−0.047568417	5.488826e−01	−0.1511317731	5.897530e−02	−0.1242732653	1.205276e−01	−0.282199205	4.881640e−04	UBE2S
ENSG00000108107	3.149744e+04	−0.068073918	2.164939e−01	−0.1320895489	1.763696e−02	−0.0823014573	1.392323e−01	−0.087982824	1.185848e−01	RPL28
ENSG00000108176	1.535975e+01	0.151834342	2.011419e−01	0.2854634473	1.598862e−02	0.1665840136	1.591503e−01	0.198105386	9.273179e−02	DNAJC12
ENSG00000108179	6.886605e+03	0.115235447	2.700660e−01	−0.0272750076	7.947918e−01	−0.2382126930	2.312283e−02	−0.159551277	1.298673e−01	PPIF
ENSG00000108239	1.426884e+03	0.018562852	7.825136e−01	−0.0599028584	3.777227e−01	−0.0474804102	4.845261e−01	−0.160267966	1.964398e−02	TBC1D12
ENSG00000108298	5.362208e+04	−0.164469703	9.284595e−05	−0.0895810348	3.533621e−02	−0.1256637709	3.156882e−03	−0.188782259	1.227249e−05	RPL19
ENSG00000108312	3.978203e+03	−0.142072758	8.373970e−03	−0.1835467590	7.516782e−04	−0.0925444580	8.921809e−02	−0.143808457	9.134010e−03	UBTF
ENSG00000108352	1.604602e+02	0.307584486	3.837849e−03	−0.0139338879	8.964757e−01	0.1721503562	1.073084e−01	0.157711105	1.419366e−01	RAPGEFL1
ENSG00000108384	2.631882e+02	0.191265240	4.891187e−02	0.1775364097	6.887114e−02	0.1347981702	1.675596e−01	0.021750325	8.250343e−01	RAD51C
ENSG00000108405	1.271524e+03	0.230645360	2.772305e−02	0.1788406962	8.904021e−02	0.1126024531	2.844048e−01	0.099795283	3.448084e−01	P2RX1
ENSG00000108448	8.150969e+01	−0.402511674	4.397602e−04	−0.4492211952	9.025912e−05	−0.2155164265	5.952661e−02	−0.146899433	1.995645e−01	TRIM16L
ENSG00000108465	4.308859e+03	0.148755067	2.908264e−02	0.2104246884	2.215167e−03	0.1729965510	1.189931e−02	0.063109044	3.642345e−01	CDK5RAP3
ENSG00000108468	1.078304e+03	−0.118765237	4.915480e−02	0.0739188102	2.242194e−01	0.0230628645	7.048319e−01	0.046822778	4.471374e−01	CBX1
ENSG00000108479	9.877554e+02	−0.052931888	4.473181e−01	−0.0869092807	2.163431e−01	−0.1495936765	3.350495e−02	0.018954678	7.894662e−01	GALK1
ENSG00000108506	3.683571e+02	0.169248895	3.566973e−02	0.0593636894	4.653377e−01	0.1746628550	3.150287e−02	0.223967822	6.202333e−03	INTS2
ENSG00000108518	4.419898e+04	−0.072544932	1.223968e−01	−0.0847520611	7.431352e−02	−0.1008908193	3.363189e−02	−0.001799143	9.701864e−01	PFN1
ENSG00000108556	1.743324e+02	0.086994645	4.950384e−01	−0.0416922110	7.433703e−01	−0.3975280341	1.814383e−03	−0.637849839	5.483265e−07	CHRNE
ENSG00000108559	9.456704e+02	0.129152976	5.852692e−02	0.1364964268	4.750388e−02	0.0267497523	6.981572e−01	0.108929404	1.179359e−01	NUP88
ENSG00000108561	3.773334e+03	−0.161392385	2.584005e−04	−0.0709891610	1.118258e−01	−0.1000219842	2.514207e−02	−0.002910437	9.487168e−01	C1QBP
ENSG00000108576	4.007352e+00	−0.159168399	5.930409e−02	−0.1641884596	5.130327e−02	−0.1615749822	5.492360e−02	−0.215788456	1.010215e−02	SLC6A4
ENSG00000108590	6.416814e+01	0.277682745	1.998602e−02	0.2800553564	1.902095e−02	0.3898357890	1.085108e−03	0.312139991	8.999354e−03	MED31
ENSG00000108639	1.488218e+04	−0.064464597	1.836349e−01	−0.0599505741	2.213468e−01	−0.0493763527	3.138368e−01	−0.104696988	3.510887e−02	SYNGR2
ENSG00000108654	5.102156e+04	0.067371877	1.633762e−01	0.1187760809	1.508567e−02	0.0546986918	2.630722e−01	−0.012702290	7.976356e−01	DDX5
ENSG00000108666	2.327142e+02	0.128339349	1.344305e−01	0.1542330661	7.381414e−02	0.2862523372	8.874802e−04	0.101375803	2.442098e−01	C17orf75
ENSG00000108671	1.599312e+03	0.093662144	1.485499e−01	0.0255057694	6.968603e−01	0.0926863038	1.568029e−01	0.148107532	2.522031e−02	PSMD11
ENSG00000108679	1.037498e+03	0.130270793	3.142704e−01	0.0413322974	7.486016e−01	−0.0135374285	9.164012e−01	0.283971374	2.694503e−02	LGALS3BP
ENSG00000108688	5.744977e−01	0.020202765	5.982539e−01	0.0772705372	4.421523e−02	0.0057406054	8.808143e−01	0.033359291	3.840761e−01	CCL7
ENSG00000108733	1.938130e+01	−0.137471917	2.860828e−01	−0.1857383897	1.478221e−01	−0.3221627343	1.196030e−02	0.019206994	8.806223e−01	PEX12
ENSG00000108771	1.019520e+03	0.084826930	4.776185e−01	−0.0062346761	9.584032e−01	−0.0351821884	7.685245e−01	0.322296120	7.050317e−03	DHX58
ENSG00000108788	2.422950e+03	−0.046498950	3.547832e−01	0.0059304192	9.070080e−01	0.0081277155	8.728461e−01	0.112249312	2.902854e−02	MLX
ENSG00000108797	1.004935e+02	0.114155726	3.276500e−01	−0.0068028127	9.536001e−01	0.2876802835	1.361864e−02	0.019524986	8.675349e−01	CNTNAP1
ENSG00000108819	1.531490e+04	−0.104867950	1.291231e−01	−0.2296974958	9.866864e−04	−0.1257278948	7.134941e−02	−0.062015117	3.789427e−01	PPP1R9B
ENSG00000108839	1.085742e+02	−0.286366677	1.614600e−02	−0.2794749707	1.893640e−02	−0.3311869430	5.455484e−03	−0.313565510	8.564788e−03	ALOX12
ENSG00000108846	1.873368e+02	−0.287237728	2.331221e−02	−0.1184768356	3.476870e−01	−0.0674119469	5.931172e−01	−0.126161363	3.149678e−01	ABCC3
ENSG00000108848	3.505006e+03	0.030954626	6.452678e−01	0.1829276488	7.003421e−03	0.1486992453	2.840389e−02	0.064270685	3.488833e−01	LUC7L3
ENSG00000108861	4.610100e+03	0.063252994	4.076519e−01	0.0864914795	2.613086e−01	0.0120310415	8.758549e−01	0.187815852	1.570431e−02	DUSP3

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000108883	4.939506e+03	0.004506131	9.012638e−01	0.0262421273	4.751504e−01	1.921711e−02	6.011503e−01	0.120228992	1.252896e−03	EFTUD2
ENSG00000108953	8.624790e+03	−0.001766947	9.731795e−01	0.0733599347	1.671862e−01	−4.088127e−02	4.415914e−01	0.115306510	3.210650e−02	YWHAE
ENSG00000108958	1.500887e+02	−0.217265776	1.886235e−02	−0.0580490048	5.309730e−01	−1.522391e−01	1.014811e−01	0.064470709	4.884502e−01	AC130689.1
ENSG00000108960	8.112541e+02	−0.138508529	1.712259e−01	−0.2136087663	3.564737e−02	−5.180228e−02	6.102711e−01	−0.215163363	3.527090e−02	MMD
ENSG00000108963	1.295086e+03	0.269196999	1.105315e−02	0.0764273041	4.722473e−01	−5.281224e−02	6.194803e−01	−0.014713909	8.904056e−01	DPH1
ENSG00000108984	5.115639e+02	−0.175210277	3.770530e−02	−0.0063172906	9.405876e−01	−1.789411e−01	3.513301e−02	−0.199711228	1.968585e−02	MAP2K6
ENSG00000109066	1.065539e+03	0.195941285	3.720406e−02	0.1454666643	1.239846e−01	5.904289e−02	5.325577e−01	0.204291381	3.184477e−02	TMEM104
ENSG00000109111	4.839303e+03	0.147882943	1.248698e−03	−0.0013377960	9.769834e−01	3.158528e−02	4.957785e−01	0.061112768	1.935160e−01	SUPT6H
ENSG00000109133	1.735547e+03	0.111582308	1.191413e−01	0.0780739250	2.797270e−01	7.508822e−02	2.986252e−01	0.148916628	4.127663e−02	TMEM33
ENSG00000109184	3.164291e+02	−0.015559138	8.640550e−01	−0.0410122943	6.538161e−01	2.995772e−02	7.431326e−01	−0.198843193	3.114223e−02	DCUN1D4
ENSG00000109390	3.705922e+02	−0.200561869	7.829071e−03	0.0186901570	8.050432e−01	−5.101417e−02	5.013903e−01	0.020632806	7.871944e−01	NDUFC1
ENSG00000109436	9.111022e+03	−0.080275070	3.826950e−01	−0.0195130778	8.328978e−01	−3.988131e−02	6.663161e−01	−0.289311824	1.897413e−03	TBC1D9
ENSG00000109466	7.707540e+02	0.139043677	4.428984e−02	0.0907695656	1.932904e−01	1.328144e−01	5.696947e−02	0.146839341	3.729647e−02	KLHL2
ENSG00000109475	2.022039e+04	−0.207969518	2.144078e−04	−0.1059549474	6.196785e−02	−8.192163e−02	1.489831e−01	−0.255075831	9.135052e−06	RPL34
ENSG00000109501	2.596118e+01	0.250123535	4.843415e−02	0.1945836652	1.230755e−01	1.713838e−01	1.742775e−01	0.195855570	1.189861e−01	WFS1
ENSG00000109519	1.703929e+03	−0.079170498	1.536278e−01	−0.0558124581	3.193942e−01	−1.398164e−01	1.272335e−02	−0.055846793	3.252300e−01	GRPEL1
ENSG00000109572	1.151233e+03	−0.008634357	9.001760e−01	−0.0038667152	9.555912e−01	1.435827e−01	3.849359e−02	0.131801349	6.024302e−02	CLCN3
ENSG00000109606	5.030810e+03	0.133213347	3.978555e−03	0.0956502334	4.092377e−02	1.597079e−01	6.406834e−04	0.086248844	6.900607e−02	DHX15
ENSG00000109618	6.366318e+02	0.050650637	5.139395e−01	0.1167015123	1.354599e−01	1.625566e−01	3.755820e−02	−0.011785318	8.814021e−01	SEPSECS
ENSG00000109667	7.877204e+02	−0.012154980	9.012071e−01	−0.1081939964	2.716503e−01	−2.035361e−01	3.874418e−02	−0.168221859	8.929396e−02	SLC2A9
ENSG00000109685	2.287854e+03	−0.011969835	7.922553e−01	−0.0903527118	4.950898e−02	−5.234009e−02	2.552028e−01	−0.075842666	1.038583e−01	NSD2
ENSG00000109686	1.887766e+02	−0.088537766	3.523153e−01	−0.0260651498	7.850776e−01	−1.048509e−01	2.735905e−01	−0.194292993	4.398731e−02	SH3D19
ENSG00000109736	2.338079e+03	0.004104681	9.490688e−01	−0.0242278060	7.088130e−01	−1.637167e−02	8.007963e−01	0.133420623	4.193848e−02	MFSD10
ENSG00000109805	3.591448e+01	0.349376049	8.031433e−03	0.2488507520	5.829230e−02	2.230382e−01	8.969578e−02	0.137253560	2.945052e−01	NCAPG
ENSG00000109814	2.911345e+02	0.037304064	6.787589e−01	−0.0162881935	8.574478e−01	1.502469e−01	9.694899e−02	0.273371803	2.666594e−03	UGDH
ENSG00000109906	4.079610e+01	−0.007761805	9.150446e−01	0.2269573220	1.789950e−03	8.370260e−03	9.082639e−01	0.220180706	2.398115e−03	ZBTB16
ENSG00000109929	4.662386e+02	0.165367263	8.558049e−02	0.2212907403	2.203685e−02	2.360050e−01	1.462239e−02	0.116637115	2.306379e−01	SC5D
ENSG00000109943	7.804359e+01	0.316661257	1.066985e−02	0.2663075314	3.171741e−02	2.722697e−01	2.812631e−02	0.151487604	2.221991e−01	CRTAM
ENSG00000109944	5.111933e+02	−0.236029563	6.786134e−03	−0.1737812529	4.748876e−02	−1.873360e−01	3.272043e−02	−0.130439447	1.399612e−01	C11orf63
ENSG00000110011	2.662267e+03	−0.077087122	1.641869e−01	−0.0591860607	2.904771e−01	−1.106836e−01	4.818329e−02	−0.162066546	4.281370e−03	DNAJC4
ENSG00000110048	1.773399e+03	0.148274380	4.202978e−02	0.0732086930	3.196604e−01	4.776197e−02	5.162977e−01	0.045488143	5.406005e−01	OSBP
ENSG00000110060	1.129592e+02	0.050162344	6.414597e−01	0.1368126530	2.046506e−01	1.001987e−02	9.261838e−01	0.226590349	3.622949e−02	PUS3
ENSG00000110079	3.465278e+02	0.191606704	5.617794e−02	0.4489588607	8.030860e−06	2.923372e−01	3.696370e−03	0.402199763	7.039447e−05	MS4A4A
ENSG00000110092	3.595894e+01	0.329330670	1.084200e−02	0.2664665680	3.855360e−02	3.160239e−01	1.414238e−02	0.095356710	4.564218e−01	CCND1
ENSG00000110104	1.158711e+03	−0.144411853	7.205742e−02	−0.0598415614	4.591868e−01	1.928423e−02	8.114356e−01	−0.161867751	4.738874e−02	CCDC86
ENSG00000110172	1.023954e+03	0.128367632	4.482298e−02	0.1021171936	1.139631e−01	1.916801e−01	2.992795e−03	0.047029167	4.721053e−01	CHORDC1
ENSG00000110200	3.953233e+02	−0.081127128	2.687918e−01	−0.1141748495	1.230662e−01	−4.368921e−02	5.549127e−01	−0.152218422	4.189620e−02	ANAPC15
ENSG00000110203	4.203395e+01	−0.272772582	3.075760e−03	−0.2805828660	2.269103e−03	−2.657844e−01	3.830968e−03	0.060425913	5.100163e−01	FOLR3
ENSG00000110324	2.755454e+04	−0.178724174	2.474995e−02	−0.2166597011	6.905710e−03	−7.117446e−02	3.748428e−01	−0.179208648	2.684222e−02	IL10RA
ENSG00000110344	1.609977e+03	0.026847566	5.950520e−01	0.0280132171	5.831719e−01	9.621940e−02	5.935938e−02	0.144693303	5.109091e−03	UBE4A
ENSG00000110422	6.367695e+03	0.039162240	5.489728e−01	0.0285385633	6.652607e−01	3.771588e−02	5.674805e−01	0.130909155	4.971938e−02	HIPK3
ENSG00000110427	2.018344e+00	0.061426820	3.103483e−01	0.0985244571	1.036456e−01	1.547385e−01	1.061817e−02	0.075860727	2.093481e−01	KIAA1549L
ENSG00000110429	8.941680e+02	0.054194418	4.216223e−01	0.0542392979	4.254565e−01	1.419392e−01	3.691413e−02	0.092777288	1.773921e−01	FBXO3
ENSG00000110448	2.043102e+03	0.284893840	3.058796e−02	0.2261844834	8.510614e−02	2.654760e−01	4.329021e−02	0.057813440	6.586944e−01	CD5
ENSG00000110536	4.804463e+02	−0.036589341	5.866479e−01	−0.1581078288	2.026865e−02	−6.528093e−02	3.373019e−01	−0.155627657	2.369477e−02	PTPMT1
ENSG00000110700	2.293259e+04	−0.168704644	1.288030e−03	−0.0311955533	5.559334e−01	−2.417895e−02	6.480841e−01	−0.201271792	1.769502e−04	RPS13
ENSG00000110711	2.533390e+03	−0.078286913	1.413650e−01	0.0057055960	9.154794e−01	−1.083684e−01	4.404948e−02	−0.028131990	6.056222e−01	AIP
ENSG00000110713	3.203160e+03	0.158259464	8.979171e−03	0.1093523150	7.387008e−02	1.171874e−01	5.546118e−02	0.124350767	4.462763e−02	NUP98
ENSG00000110717	2.078194e+03	−0.098794575	1.241842e−01	−0.0952049391	1.422044e−01	−1.331699e−01	4.016901e−02	0.008568871	8.960527e−01	NDUFS8
ENSG00000110719	1.638072e+04	0.090906122	2.653145e−01	0.0410980855	6.171153e−01	1.440560e−02	8.608951e−01	0.203836403	1.398625e−02	TCIRG1
ENSG00000110721	1.159066e+03	0.051260504	6.006653e−01	0.0714037988	4.680268e−01	3.505970e−02	7.216526e−01	0.231185243	1.944761e−02	CHKA
ENSG00000110777	9.959788e+01	0.176043626	1.214811e−01	0.1974314955	8.137129e−02	2.577847e−01	2.287763e−02	0.351010286	1.861713e−03	POU2AF1
ENSG00000110799	1.178851e+01	−0.330138166	1.339045e−03	−0.3159214091	2.088897e−03	−2.389661e−01	1.997946e−02	−0.252308831	1.367053e−02	VWF
ENSG00000110801	6.569083e+02	−0.026989463	6.573940e−01	−0.1290893243	3.607831e−02	−1.202873e−01	5.094645e−02	−0.088981699	1.528954e−01	PSMD9
ENSG00000110848	1.979978e+03	0.224591219	6.484815e−02	0.3601358867	3.073959e−03	1.506246e−01	2.157164e−01	−0.037854560	7.557798e−01	CD69
ENSG00000110871	5.608755e+02	−0.106872028	1.499717e−01	0.0068899209	9.265292e−01	−1.510626e−05	9.998388e−01	0.173402319	2.137050e−02	COQ5
ENSG00000110876	8.305222e+03	−0.175874226	5.786658e−03	−0.0886624136	1.681530e−01	−6.732102e−02	2.953730e−01	−0.022201856	7.329992e−01	SELPLG
ENSG00000110880	6.710674e+03	−0.018341829	7.089521e−01	−0.0268157219	5.893738e−01	1.164949e−02	8.146134e−01	0.141882331	4.814073e−03	CORO1C
ENSG00000110881	8.478169e−01	0.021214217	7.434242e−01	0.0315497538	6.265157e−01	9.452913e−02	1.454185e−01	0.149004788	2.212409e−02	ASIC1
ENSG00000110888	4.289428e+02	0.101045724	1.925886e−01	0.0665974832	3.943842e−01	2.023250e−01	9.567908e−03	−0.027820069	7.249367e−01	CAPRIN2
ENSG00000110917	3.435425e+03	0.028139329	7.002101e−01	0.0961618945	1.919333e−01	1.891488e−01	1.025878e−02	0.138295209	6.319225e−02	MLEC
ENSG00000110925	4.168910e+02	0.061713580	4.116344e−01	−0.1584355906	3.730434e−02	2.035497e−01	7.136746e−03	0.102178214	1.815340e−01	CSRNP2
ENSG00000110955	2.297623e+04	−0.103975036	3.701710e−04	−0.0015452029	9.583078e−01	−5.160418e−02	8.091194e−02	−0.011891865	6.918758e−01	ATP5B
ENSG00000110958	4.817025e+03	0.016078514	7.555244e−01	0.0436321610	4.031448e−01	5.977442e−02	2.521231e−01	0.147666449	5.214278e−03	PTGES3
ENSG00000110987	2.174721e+03	−0.083335457	3.959186e−01	−0.1081048388	2.730615e−01	−2.244298e−01	2.290937e−02	−0.230698495	2.006787e−02	BCL7A
ENSG00000111057	3.879097e+01	0.021168419	8.710909e−01	−0.0491706567	7.051426e−01	2.841460e−01	2.887835e−02	0.056189013	6.640786e−01	KRT18
ENSG00000111110	3.013762e+02	−0.130654028	1.975518e−01	−0.0902524473	3.753119e−01	−2.496843e−01	1.434231e−02	−0.179006134	8.030662e−02	PPM1H
ENSG00000111145	2.459216e+03	0.016067535	8.023962e−01	−0.1004573695	1.213485e−01	2.048952e−02	7.519387e−01	0.130367619	4.670130e−02	ELK3
ENSG00000111199	8.375016e+00	0.167694121	1.070724e−01	0.2445449916	1.855445e−02	1.099660e−02	9.153373e−01	0.150196556	1.460255e−01	TRPV4
ENSG00000111206	6.848934e+01	0.239346515	6.676172e−02	0.2086610716	1.092073e−01	3.095083e−01	1.749042e−02	0.093816697	4.702449e−01	FOXM1
ENSG00000111224	7.098637e+02	0.133356256	1.360087e−01	0.1606135469	7.421011e−02	1.497478e−01	9.609856e−02	0.222032359	1.431786e−02	PARP11
ENSG00000111229	1.561970e+04	−0.139857143	2.538229e−05	−0.0321759843	3.383062e−01	−5.651460e−02	9.267343e−02	−0.074199434	2.960377e−02	ARPC3
ENSG00000111231	3.498029e+02	−0.024336204	7.781127e−01	0.1444734415	9.563127e−02	2.262829e−01	9.016948e−03	0.205115492	1.893983e−02	GPN3
ENSG00000111252	2.974929e+04	−0.025736262	6.741090e−01	−0.1993820409	1.256451e−03	−1.611921e−01	9.110485e−03	−0.206037502	9.888073e−04	SH2B3
ENSG00000111261	6.981459e+01	−0.266532442	3.486497e−02	−0.2134409680	9.071066e−02	−1.557798e−01	2.169050e−01	−0.269042690	3.273007e−02	MANSC1
ENSG00000111266	6.919505e+02	−0.024525868	8.151119e−01	−0.0743820671	4.798966e−01	7.448060e−03	9.435971e−01	−0.208605495	4.855406e−02	DUSP16
ENSG00000111269	3.032026e+03	−0.083443473	2.834524e−01	−0.0521548597	5.059020e−01	2.117980e−02	7.870326e−01	−0.165212376	3.690556e−02	CREBL2
ENSG00000111275	1.094215e+04	−0.175480218	3.390945e−03	−0.0679196684	2.614852e−01	−1.350720e−01	2.556204e−02	−0.210727761	5.786335e−04	ALDH2
ENSG00000111276	5.568748e+03	−0.143746906	1.412735e−01	−0.0812815798	4.077441e−01	−8.040118e−02	4.128509e−01	−0.231666870	1.900441e−02	CDKN1B
ENSG00000111291	4.453927e+00	0.120484903	1.370190e−01	0.0830117590	3.044863e−01	2.830154e−01	4.817005e−04	0.163029244	4.340515e−02	GPRC5D
ENSG00000111300	1.252165e+03	0.234844953	2.502155e−04	0.0923130181	1.543634e−01	1.585100e−01	1.443721e−02	0.083437778	2.032632e−01	NAA25
ENSG00000111321	3.774782e+03	−0.064926725	2.533279e−01	−0.0798416897	1.644280e−01	−1.682330e−01	3.411594e−03	0.025613820	6.594744e−01	LTBR
ENSG00000111328	2.329512e+03	−0.174684537	3.310098e−02	−0.1700320402	3.947539e−02	−9.632783e−02	2.433373e−01	−0.169118983	4.234379e−02	CDK2AP1
ENSG00000111331	1.025199e+04	0.110695135	4.002506e−01	0.0525515342	6.886362e−01	8.137255e−03	9.505256e−01	0.347116996	7.856148e−03	OAS3
ENSG00000111335	5.717018e+03	0.157779585	2.314843e−01	0.1245664642	3.433125e−01	3.638904e−02	7.819107e−01	0.479194100	2.522865e−04	OAS2
ENSG00000111348	2.827757e+04	−0.145177228	3.176448e−04	−0.0178883700	6.609836e−01	−7.595013e−02	6.263126e−02	−0.018140854	6.610592e−01	ARHGDIB
ENSG00000111481	4.002664e+03	−0.129177124	6.908794e−05	−0.0510020912	1.202234e−01	−7.465957e−02	2.304516e−02	−0.042703840	1.998745e−01	COPZ1
ENSG00000111530	2.485417e+03	0.147340096	1.673892e−02	0.1007104560	1.054312e−01	1.657208e−01	7.709258e−03	0.222867490	3.966544e−04	CAND1
ENSG00000111540	3.313448e+03	−0.098266742	3.185048e−02	−0.0051333558	9.116687e−01	5.679394e−02	2.196192e−01	−0.046917871	3.173332e−01	RAB5B
ENSG00000111554	3.191263e+02	−0.061000885	4.274215e−01	0.0553877822	4.735248e−01	1.645879e−01	3.293762e−02	−0.003940812	9.597714e−01	MDM1
ENSG00000111581	6.959178e+02	0.203079765	6.821834e−03	0.2145371303	4.577050e−03	2.991217e−01	7.652758e−05	0.218737171	4.209380e−03	NUP107
ENSG00000111639	1.103111e+03	−0.118157281	4.458902e−02	0.0631905949	2.865110e−01	6.701135e−02	2.585770e−01	0.034020581	5.709131e−01	MRPL51
ENSG00000111640	5.880397e+04	−0.141689907	1.984950e−03	−0.0335820166	4.685942e−01	−1.196784e−01	9.801218e−03	−0.057008697	2.249089e−01	GAPDH
ENSG00000111644	6.376267e+02	−0.235905852	5.909247e−03	−0.2059054388	1.696960e−02	−2.225974e−01	9.885730e−03	−0.251065815	3.899296e−03	ACRBP
ENSG00000111664	2.850214e+00	0.178319699	3.864670e−02	0.1237271971	1.499972e−01	1.164699e−01	1.747526e−01	0.053739554	5.293819e−01	GNB3
ENSG00000111665	1.586445e+01	0.344846100	7.964261e−03	0.1440447641	2.652364e−01	3.952028e−01	2.268577e−03	0.135862276	2.911114e−01	CDCA3
ENSG00000111666	1.754950e+03	−0.170557418	6.358769e−02	0.1053322994	2.543800e−01	5.815165e−04	9.949809e−01	0.183879121	4.815041e−02	CHPT1
ENSG00000111667	2.620576e+03	−0.044313921	2.452963e−01	−0.0096092415	8.032153e−01	−2.814492e−03	9.418447e−01	0.113489943	3.680680e−03	USP5
ENSG00000111669	1.194194e+04	−0.091960458	1.221444e−02	−0.0090597796	8.072270e−01	−6.056973e−02	1.029315e−01	−0.057326997	1.281140e−01	TPI1
ENSG00000111670	2.284549e+03	0.056472637	3.763745e−01	0.0428340159	5.063117e−01	1.221547e−01	5.800507e−02	0.196882324	2.516052e−03	GNPTAB
ENSG00000111676	2.137942e+03	0.157071186	4.238595e−02	0.0342908089	6.603132e−01	−7.766863e−03	9.207276e−01	−0.092087174	2.425905e−01	ATN1
ENSG00000111679	2.065873e+04	−0.025601747	7.094849e−01	0.0108707831	8.754161e−01	−1.903728e−01	6.044915e−03	−0.062490112	3.727276e−01	PTPN6
ENSG00000111707	1.411553e+03	0.069327515	2.568057e−01	0.0008778129	9.886648e−01	9.453978e−02	1.258121e−01	0.132744058	3.350066e−02	SUDS3
ENSG00000111711	1.260027e+03	0.148834452	3.500785e−02	0.0855982327	2.295845e−01	7.427019e−02	2.973766e−01	0.031643706	6.604226e−01	GOLT1B
ENSG00000111716	5.720471e+03	−0.125853961	1.154455e−02	0.0482911147	3.374399e−01	1.211334e−02	8.099029e−01	−0.009732458	8.487404e−01	LDHB

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000111726	7.775112e+02	−0.032040103	0.5635221487	0.0676550077	0.2263095771	0.1037760014	6.348667e−02	1.611104e−01	4.383231e−03	CMAS
ENSG00000111727	3.783371e+02	0.244568977	0.0049849247	0.0760581811	0.3864129001	0.1132405918	1.972131e−01	1.255053e−01	1.560937e−01	HCFC2
ENSG00000111728	8.429412e+00	−0.033490715	0.7761740759	−0.1166133687	0.3200955258	0.0004623672	9.968587e−01	−2.705011e−01	2.000796e−02	ST8SIA1
ENSG00000111729	3.340245e+03	−0.078833064	0.2462564313	0.0013557900	0.9842302786	−0.0607489196	3.759451e−01	−1.824301e−01	8.560985e−03	CLEC4A
ENSG00000111731	1.265502e+03	0.006028378	0.9268419936	0.1170850995	0.0769772984	0.2251640806	6.670005e−04	1.648976e−01	1.376134e−02	C2CD5
ENSG00000111775	1.253599e+03	−0.147843915	0.0012249088	−0.0530133364	0.2507246830	−0.1043240664	2.405730e−02	−9.088772e−02	5.229721e−02	COX6A1
ENSG00000111785	2.670404e+02	0.055755538	0.5290941792	0.1283430328	0.1494463248	0.1971142850	2.676876e−02	7.517840e−02	4.024627e−01	RIC8B
ENSG00000111799	2.076984e+00	−0.010941783	0.8430984554	0.1605744097	0.0037633931	0.0333052477	5.466466e−01	4.938816e−02	3.711285e−01	COL12A1
ENSG00000111843	2.956818e+03	−0.108999043	0.1889726967	−0.0877785718	0.2935297874	−0.0466833011	5.764067e−01	−3.082264e−01	2.567883e−04	TMEM14C
ENSG00000111859	2.595989e+03	0.062009016	0.4779553441	0.0466617299	0.5957290857	−0.0918610898	2.964086e−01	−2.108944e−01	1.741537e−02	NEDD9
ENSG00000111860	1.638644e+03	−0.190552353	0.0948400669	−0.2130797876	0.0622500526	−0.0216010789	8.500631e−01	−2.567433e−01	2.499378e−02	CEP85L
ENSG00000111863	8.926303e+00	0.075390441	0.4120780195	0.1855817975	0.0432315362	0.1215657798	1.849364e−01	1.561298e−01	8.791529e−02	ADTRP
ENSG00000111877	1.363315e+03	−0.009062446	0.8893582864	−0.1044529713	0.1123929493	−0.1486585443	2.395261e−02	−1.632048e−01	1.425968e−02	MCM9
ENSG00000111880	5.137283e+02	0.112261913	0.1675178058	0.1695032431	0.0384661280	0.2313973035	4.708603e−03	1.571438e−01	5.715598e−02	RNGTT
ENSG00000111906	5.276483e+02	−0.198579040	0.0279312289	0.1860154849	0.0400884966	0.0054509661	9.521070e−01	8.606168e−02	3.460737e−01	HDDC2
ENSG00000111911	9.056305e+02	0.001219973	0.9820328984	−0.0132813257	0.8083419368	0.0424436293	4.380973e−01	1.218948e−01	2.758692e−02	HINT3
ENSG00000111913	8.928992e+03	0.078646424	0.3183848620	0.0877573082	0.2691897497	0.1335216345	9.273486e−02	2.155059e−01	7.187982e−03	RIPOR2
ENSG00000111981	6.875794e+00	0.322247046	0.0042033284	0.1939012328	0.0836227472	0.0259208144	8.163347e−01	−3.135467e−02	7.770466e−01	ULBP1
ENSG00000112031	3.785485e+02	−0.108896081	0.2126267537	−0.0901750190	0.3049437468	−0.2125796544	1.578789e−02	−1.378122e−01	1.201065e−01	MTRF1L
ENSG00000112053	1.128668e+01	0.233168865	0.0490644479	0.1691014647	0.1518532157	0.1646776888	1.626205e−01	2.115462e−01	7.159238e−02	SLC26A8
ENSG00000112062	3.076979e+03	0.060388971	0.2803212860	0.0366080416	0.5172083629	0.1983022695	4.474267e−04	1.416569e−01	1.328839e−02	MAPK14
ENSG00000112079	2.770711e+03	0.041890765	0.4791471451	0.0707469106	0.2366570394	0.1803567986	2.545856e−03	1.491078e−01	1.370597e−02	STK38
ENSG00000112110	8.486463e+02	−0.139210061	0.0203104047	−0.0009677816	0.9872282299	0.0654511182	2.787897e−01	3.633233e−02	5.524081e−01	MRPL18
ENSG00000112118	1.245240e+03	0.081577326	0.1790641676	0.0592163973	0.3340698841	0.1648730703	7.119401e−03	1.882748e−01	2.395889e−03	MCM3
ENSG00000112137	4.859986e+03	0.292655790	0.0018443822	0.1071915002	0.2566296985	−0.1596238942	9.123667e−02	−2.020747e−01	3.369011e−02	PHACTR1
ENSG00000112144	6.975826e+02	0.087337384	0.1478635472	0.0121910971	0.8417308396	0.1786340140	3.360938e−03	4.842808e−02	4.326178e−01	ICK
ENSG00000112149	1.503841e+04	0.103235155	0.4199935065	0.0606901194	0.6349542135	−0.1847025347	1.484921e−01	−4.373603e−01	6.092494e−04	CD83
ENSG00000112200	1.936436e+03	0.090787873	0.1324413484	0.0089137065	0.8837888249	0.1297883404	3.321891e−02	1.958997e−02	7.508761e−01	ZNF451
ENSG00000112245	7.634099e+03	−0.002023289	0.9751459098	−0.0609261931	0.3527225737	−0.2024978468	2.015499e−03	−1.390951e−01	3.598189e−02	PTP4A1
ENSG00000112249	1.824991e+03	0.194396658	0.0048489945	0.1315130027	0.0589607280	0.1265579644	6.922719e−02	2.095583e−01	2.912181e−03	ASCC3
ENSG00000112282	1.556260e+03	0.133602189	0.0072578270	0.0863052903	0.0863870528	0.1547164577	2.104001e−03	6.645659e−02	1.928364e−01	MED23
ENSG00000112294	4.740558e+01	0.098112637	0.4568445292	0.4888914227	0.0001997533	0.1713195109	1.924721e−01	1.345027e−01	3.042612e−01	ALDH5A1
ENSG00000112297	5.782728e+03	0.180046562	0.0036049111	0.1581991087	0.0113147851	0.1365361385	2.883647e−02	2.178017e−01	5.690099e−04	CRYBG1
ENSG00000112306	2.650818e+04	−0.194576684	0.0002364369	−0.0961580864	0.0722097768	−0.0620001401	2.463892e−01	−1.537612e−01	4.546323e−03	RPS12
ENSG00000112308	7.173923e+03	0.077948613	0.2379007085	0.0229152852	0.7310337328	−0.0344708378	6.051415e−01	1.852043e−01	6.007040e−03	C6orf62
ENSG00000112312	1.162844e+02	0.143125289	0.1998131724	0.1639478181	0.1428363046	0.2765716424	1.335596e−02	1.825525e−01	1.034743e−01	GMNN
ENSG00000112335	7.279228e+03	−0.156011491	0.0081635437	−0.0287336433	0.6294872983	−0.0297107777	6.179078e−01	−5.757005e−02	3.397050e−01	SNX3
ENSG00000112378	5.124366e+00	0.124699035	0.1290692032	0.0149888785	0.8547063684	0.1827754300	2.586017e−02	8.563687e−02	2.948210e−01	PERP
ENSG00000112511	1.353486e+03	0.197834475	0.0217631383	0.0502612698	0.5627293951	0.1517547950	8.047857e−02	−1.838240e−01	3.588642e−02	PHF1
ENSG00000112514	1.637273e+03	−0.157238599	0.0060399002	−0.0109171543	0.8501538005	−0.0942710368	1.031886e−01	−1.256900e−01	3.184268e−02	CUTA
ENSG00000112561	3.023358e+03	−0.067557531	0.2757428109	−0.1330651972	0.0335347291	−0.1834058401	3.404093e−03	2.095987e−05	9.997359e−01	TFEB
ENSG00000112576	9.061044e+03	−0.167486917	0.0852363537	−0.1378409537	0.1586577904	−0.1236619858	2.060181e−01	2.997643e−01	2.307609e−03	CCND3
ENSG00000112599	1.830914e+01	0.025982491	0.8427049443	−0.1071992937	0.4110422084	0.3322518776	1.096589e−02	−4.729809e−02	7.156110e−01	GUCA1B
ENSG00000112640	1.331607e+03	−0.097864998	0.0389173355	−0.0525521218	0.2723906312	−0.0871926054	6.895481e−02	−7.162123e−02	1.401800e−01	PPP2R5D
ENSG00000112658	3.705164e+03	−0.009461040	0.8931482927	−0.1227826854	0.0840547313	−0.1396104076	4.951413e−02	−2.430796e−02	7.350309e−01	SRF
ENSG00000112667	5.330236e+02	−0.191252673	0.0150781335	−0.1405684336	0.0760746098	−0.2195372179	5.664888e−03	−1.519117e−01	5.759074e−02	DNPH1
ENSG00000112679	3.049537e+03	−0.108806945	0.1926471327	−0.0704806942	0.4019849687	−0.1875689941	2.576294e−02	−7.276619e−02	3.909963e−01	DUSP22
ENSG00000112685	1.231072e+03	0.161626147	0.0103209321	0.1373273815	0.0308990035	0.0789328593	2.151729e−01	1.037397e−01	1.072923e−01	EXOC2
ENSG00000112699	6.983089e+02	−0.027974506	0.6270870854	0.0271509705	0.6400370640	−0.1379533432	1.798540e−02	7.245561e−02	2.179520e−01	GMDS
ENSG00000112715	6.262716e+03	0.288535495	0.0241466391	0.1155754328	0.3657587780	−0.0669280992	6.004554e−01	−1.334405e−01	2.955178e−01	VEGFA
ENSG00000112739	4.086343e+03	0.152939685	0.0074702316	0.0941160323	0.1032820497	0.0809020655	1.614693e−01	7.820831e−02	1.812512e−01	PRPF4B
ENSG00000112742	1.823256e+01	0.400520682	0.0015296564	0.2371834742	0.0593676044	0.4932208559	9.042539e−05	1.058195e−01	3.971419e−01	TTK
ENSG00000112763	1.575533e+03	0.210396294	0.0160313848	0.1512731746	0.0853812874	0.1132381077	1.979290e−01	5.328696e−02	5.478893e−01	BTN2A1
ENSG00000112877	1.899226e+01	0.043457012	0.7393330180	0.0116176850	0.9288616659	0.2992316582	2.161510e−02	−4.844045e−02	7.082748e−01	CEP72
ENSG00000112893	2.653125e+03	0.025568848	0.6745572478	0.1028784923	0.0942117253	0.1123008229	6.775918e−02	2.249460e−01	2.972198e−04	MAN2A1
ENSG00000112941	1.972909e+03	0.158440040	0.0381840736	0.0938234474	0.2234104165	0.0880401713	2.533356e−01	8.177065e−02	2.933950e−01	PAPD7
ENSG00000112972	1.738739e+03	0.093000064	0.3048396645	0.1548617696	0.0893529806	0.1951248819	3.231389e−02	1.414508e−01	1.234870e−01	HMGCS1
ENSG00000112984	6.042871e+00	0.258510596	0.0070619668	0.1000052441	0.2950529842	0.1670662762	8.039841e−02	1.163301e−01	2.211320e−01	KIF20A
ENSG00000113073	2.488295e+00	−0.011973680	0.8908673592	0.0308622097	0.7237192852	0.2788856510	1.523827e−03	−1.218937e−02	8.882934e−01	SLC4A9
ENSG00000113108	9.842460e+02	0.283211605	0.0006209802	0.2153360367	0.0098015746	0.0174208467	8.346999e−01	9.036909e−02	2.828915e−01	APBB3
ENSG00000113231	1.171465e+02	−0.249739668	0.0461467344	−0.4226972171	0.0007391220	−0.0815009415	5.146926e−01	−2.617276e−01	3.632457e−02	PDE8B
ENSG00000113269	1.273994e+04	−0.125301467	0.0044861079	−0.0804399089	0.0712636582	−0.1448322873	1.166265e−03	−1.294779e−01	4.194085e−03	RNF130
ENSG00000113273	1.983395e+03	0.012716921	0.8483785861	0.0249195146	0.7104626243	0.0393704182	5.575801e−01	1.393705e−01	3.996092e−02	ARSB
ENSG00000113282	3.898627e+03	0.102991200	0.0117441329	0.0467939981	0.2579945775	0.1023687141	1.332854e−02	1.838670e−01	1.151478e−05	CLINT1
ENSG00000113296	2.390537e+01	0.135352032	0.3010229201	0.1108283999	0.3953450960	0.2468839277	5.838433e−02	2.655447e−01	4.086432e−02	THBS4
ENSG00000113300	1.311063e+03	0.062789613	0.3230175164	0.0693449878	0.2796750067	0.1933152538	2.562934e−03	9.034093e−02	1.637455e−01	CNOT6
ENSG00000113312	9.062362e+02	−0.001238927	0.9838861023	0.0267778396	0.6652912437	0.0460568976	4.569467e−01	1.520524e−01	1.510684e−02	TTC1
ENSG00000113328	2.692493e+03	−0.153810960	0.0348122185	−0.0845397106	0.2499411570	−0.0525411443	4.746023e−01	−3.012432e−02	6.848723e−01	CCNG1
ENSG00000113368	3.095360e+03	0.020755271	0.8331579085	0.0091438223	0.9263990089	0.0176460800	8.585140e−01	3.362281e−01	7.303257e−04	LMNB1
ENSG00000113384	3.501633e+03	0.007540591	0.8697132114	0.0214167530	0.6449872427	0.0335520652	4.705013e−01	9.794528e−02	3.760007e−02	GOLPH3
ENSG00000113391	8.445338e+02	−0.052300405	0.3624657195	−0.1148278121	0.0480262071	−0.0271879529	6.394081e−01	2.510174e−02	6.687426e−01	FAM172A
ENSG00000113407	1.658853e+03	0.057829709	0.3208710516	0.0727438197	0.2162424762	0.0959900092	1.027804e−01	2.088818e−01	4.487050e−04	TARS
ENSG00000113441	2.908643e+03	−0.026511684	0.5905868891	0.0355965916	0.4747602668	0.1137169068	2.237243e−02	1.210583e−01	1.638416e−02	LNPEP
ENSG00000113448	6.174173e+02	0.170251599	0.1966507369	0.2651060225	0.0437062440	0.0730217290	5.785239e−01	2.103076e−01	1.081868e−01	PDE4D
ENSG00000113460	6.701941e+02	−0.153585284	0.0519250934	−0.1946528220	0.0145238952	−0.1840845741	2.084913e−02	−1.033928e−01	1.980641e−01	BRIX1
ENSG00000113525	6.616112e−01	0.125430469	0.0066924345	0.0249565949	0.5877935326	0.0246765006	5.913853e−01	3.028756e−02	5.106225e−01	IL5
ENSG00000113555	4.796044e+01	0.213870228	0.0834191837	0.2937755744	0.0172779475	0.3549514555	4.011303e−03	1.545083e−01	2.110186e−01	PCDH12
ENSG00000113569	6.889994e+02	0.200883611	0.0055975250	0.0564807819	0.4405969064	0.1260815063	8.505165e−02	7.131323e−02	3.351546e−01	NUP155
ENSG00000113593	9.116468e+02	0.128714234	0.0321089659	0.1075032274	0.0764875908	0.1585233197	8.986481e−03	1.036384e−01	9.146112e−02	PPWD1
ENSG00000113615	1.032514e+03	0.134542109	0.0564097486	0.0188366458	0.7913318555	0.0643245282	3.662324e−01	1.467000e−01	4.132387e−02	SEC24A
ENSG00000113643	9.848713e+02	0.185915027	0.0074375604	0.1809175059	0.0098408560	0.2385508875	6.634900e−04	2.181619e−01	2.064252e−03	RARS
ENSG00000113648	2.069493e+04	−0.092486341	0.0184439252	−0.0638756353	0.1076955409	−0.0913111213	2.148767e−02	6.172109e−03	8.782080e−01	H2AFY
ENSG00000113649	3.056989e+03	0.094061757	0.0439961277	0.0341333774	0.4700124181	0.0575555532	2.232031e−01	−2.374573e−02	6.202132e−01	TCERG1
ENSG00000113657	1.471289e+01	0.061067662	0.6004787123	0.2311835246	0.0470618779	0.1817165927	1.182583e−01	6.504002e−02	5.737737e−01	DPYSL3
ENSG00000113712	3.492544e+03	0.163110689	0.0087295318	0.0408957203	0.5150770075	−0.0204872890	7.444325e−01	7.009745e−02	2.701995e−01	CSNK1A1
ENSG00000113716	1.786448e+03	0.024366244	0.6229947192	−0.0639897711	0.2019415760	−0.1068681922	3.325568e−02	5.182268e−02	3.074270e−01	HMGXB3
ENSG00000113732	3.407800e+03	−0.135761404	0.0221340146	0.0391029625	0.5138216133	0.0095166598	8.737819e−01	−3.946347e−02	5.151995e−01	ATP6V0E1
ENSG00000113734	4.617011e+02	−0.042594930	0.5701805910	−0.0806457041	0.2865134634	−0.2460791289	1.188967e−03	−1.618843e−01	3.440853e−02	BNIP1
ENSG00000113790	6.241625e+01	0.216744652	0.0891242620	0.0772570385	0.5443853442	0.3434090292	6.972870e−03	3.353320e−01	8.301463e−03	EHHADH
ENSG00000113810	8.420019e+02	0.226801128	0.0001376687	0.0265842139	0.6590908970	0.1597610584	7.928419e−03	−4.511885e−02	4.601550e−01	SMC4
ENSG00000113811	1.518526e+03	0.108022811	0.1898519939	0.1299882786	0.1172255701	−0.0705167230	3.958189e−01	−1.730309e−01	3.895677e−02	SELENOK
ENSG00000113812	6.394569e+02	0.131850568	0.0569039418	0.0298085191	0.6700621046	0.1707683563	1.451149e−02	2.201605e−01	1.802473e−03	ACTR8
ENSG00000113838	3.844603e+02	−0.026321625	0.7113446551	−0.0584262495	0.4156812975	0.0136536535	8.490423e−01	−1.485982e−01	4.097490e−02	TBCCD1
ENSG00000113845	1.036730e+03	−0.122600767	0.0303117326	−0.0260831196	0.6477657399	−0.0423639893	4.584241e−01	−2.178522e−02	7.063982e−01	TIMMDC1
ENSG00000113971	2.330900e+02	0.159166144	0.0438804598	0.0953002745	0.2316307935	0.1844776805	2.042643e−02	1.015745e−01	2.069046e−01	NPHP3
ENSG00000114013	9.429665e+03	0.023977147	0.8178704731	0.2084304757	0.0460902413	−0.1745616132	9.485988e−02	−1.508945e−01	1.506378e−01	CD86
ENSG00000114023	1.190363e+03	−0.185804426	0.0009903427	−0.1222861401	0.0318296201	−0.0784108080	1.686808e−01	−1.828896e−01	1.528509e−03	FAM162A
ENSG00000114030	1.648672e+03	0.053030611	0.3136883035	0.0396491782	0.4561942704	0.1290914601	1.521107e−02	4.120381e−02	4.445609e−01	KPNA1
ENSG00000114062	2.219528e+03	0.153509568	0.0152647687	0.0716065688	0.2624902064	0.0688668113	2.812936e−01	9.488731e−02	1.422464e−01	UBE3A
ENSG00000114115	6.282541e−01	0.014348420	0.7201339583	0.1175445924	0.0034364945	0.0199283140	6.183234e−01	8.330264e−04	9.833794e−01	RBP1
ENSG00000114120	3.062811e+03	−0.025557607	0.6959947672	−0.0280052658	0.6714525871	−0.0176836983	7.888511e−01	−1.494657e−01	2.526914e−02	SLC25A36
ENSG00000114125	1.788237e+03	−0.074780527	0.0887376826	−0.0350088784	0.4305108007	−0.1351185556	2.397555e−03	−6.204936e−02	1.684165e−01	RNF7
ENSG00000114127	2.208548e+03	0.234293495	0.0027089650	0.1077139437	0.1713949653	0.1486177491	5.914259e−02	1.956027e−01	1.387643e−02	XRN1
ENSG00000114166	1.881006e+03	0.079526758	0.1711922256	0.1187222948	0.0430630297	0.0430945427	4.631088e−01	2.500310e−02	6.741694e−01	KAT2B
ENSG00000114315	1.230782e+02	0.106014099	0.2922022445	0.2089530465	0.0373597793	−0.0501642981	6.171216e−01	−5.058426e−03	9.596489e−01	HES1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000114346	212.515652	0.036907067	7.290007e−01	−0.055864726	0.601555682	0.235329146	2.748489e−02	0.001607319	9.880489e−01	ECT2
ENSG00000114353	34095.666307	−0.072036280	4.096989e−02	−0.077554917	0.029699517	−0.079865581	2.517390e−02	0.001111086	9.755110e−01	GNAI2
ENSG00000114374	132.597038	0.015181090	8.627598e−01	−0.277143051	0.001546651	−0.273207287	1.801864e−03	0.184624812	3.470356e−02	USP9Y
ENSG00000114378	8.393532	0.115166123	3.296737e−01	−0.017209457	0.883468926	0.239829181	4.186185e−02	0.113207514	3.340775e−01	HYAL1
ENSG00000114391	12027.985059	−0.172915638	1.684915e−04	−0.082387857	0.076265896	−0.106631556	2.178247e−02	−0.178699737	1.494318e−04	RPL24
ENSG00000114423	552.888937	0.211922412	4.313915e−03	0.168759955	0.024248514	0.130287855	8.224778e−02	−0.099934100	1.881818e−01	CBLB
ENSG00000114446	812.512551	−0.160437819	4.947816e−02	−0.080034236	0.330372012	−0.100282696	2.227983e−01	−0.076213001	3.581815e−01	IFT57
ENSG00000114450	2893.740222	0.052011123	4.319404e−01	0.024010984	0.719258600	0.069102307	3.009040e−01	0.216546086	1.341409e−03	GNB4
ENSG00000114480	884.414161	−0.069157435	1.559224e−01	0.086225898	0.078887516	0.093496568	5.692894e−02	0.242898799	9.578846e−07	GBE1
ENSG00000114503	1751.885114	0.079775354	3.711872e−02	0.077030785	0.046685456	0.076754501	4.766338e−02	0.087577674	2.577023e−02	NCBP2
ENSG00000114529	4.950234	0.157437586	1.135616e−01	0.021161486	0.830638354	0.137287004	1.660495e−01	0.220429591	2.592397e−02	C3orf52
ENSG00000114541	1648.210499	0.021694747	7.950656e−01	−0.086475162	0.304039750	0.049053032	5.597622e−01	−0.211439902	1.276096e−02	FRMD4B
ENSG00000114573	2905.119532	0.104302495	1.151420e−01	0.132707604	0.046993615	0.124241946	6.298058e−02	0.337901234	5.616554e−07	ATP6V1A
ENSG00000114631	44.805748	−0.241685304	6.613958e−02	−0.140308634	0.284684499	−0.235881617	7.214031e−02	−0.264971667	4.264267e−02	PODXL2
ENSG00000114686	2024.025726	−0.038687606	3.868772e−01	0.071440895	0.113545718	0.056998377	2.070641e−01	0.100120463	2.871849e−02	MRPL3
ENSG00000114737	148.495435	0.207137535	1.145761e−01	−0.003494175	0.978712138	−0.038618137	7.680741e−01	0.357550776	6.144303e−03	CISH
ENSG00000114739	96.317608	0.201332157	9.524870e−02	0.028882631	0.811226018	0.489955867	4.792499e−05	0.128111833	2.890106e−01	ACVR2B
ENSG00000114742	2012.202186	0.163688013	1.011768e−02	0.036526129	0.570001382	0.104742189	1.032708e−01	0.152002465	1.938830e−02	WDR48
ENSG00000114779	1673.844867	−0.184316263	2.550825e−03	−0.038042528	0.537004537	−0.157117985	1.087530e−02	−0.144258327	2.081552e−02	ABHD14B
ENSG00000114786	12.638902	−0.173651562	1.853162e−01	−0.093255071	0.475459533	−0.259911127	4.704522e−02	−0.355359058	6.429274e−03	ABHD14A−ACY1
ENSG00000114812	1780.823539	0.152788499	1.691453e−01	0.096872276	0.384499352	0.249619354	2.502077e−02	0.212770592	5.682222e−02	VIPR1
ENSG00000114854	1.581160	0.175473625	1.008586e−02	0.144525832	0.033725590	0.107036965	1.148113e−01	0.036097122	5.935372e−01	TNNC1
ENSG00000114857	7455.234652	0.123578238	7.596340e−02	0.047165386	0.502050299	0.246799761	4.428289e−04	0.008877232	9.005385e−01	NKTR
ENSG00000114861	2097.591376	0.023255646	7.468479e−01	−0.161282233	0.026543164	−0.056134193	4.399740e−01	0.069478486	3.439664e−01	FOXP1
ENSG00000114867	10724.740328	0.060673777	2.565735e−01	0.009345836	0.862725624	−0.021297395	6.936006e−01	0.121609659	2.633192e−02	EIF4G1
ENSG00000114902	1854.506550	−0.114386519	1.511189e−02	−0.011528952	0.808420000	−0.014339980	7.630907e−01	−0.067720862	1.602225e−01	SPCS1
ENSG00000114923	3905.756117	−0.048716109	6.322145e−01	−0.105601095	0.301506658	−0.147902090	1.478945e−01	−0.202170980	4.907428e−02	SLC4A3
ENSG00000114933	1593.298306	0.106196985	1.239723e−01	0.048535349	0.486024801	0.138273219	4.711750e−02	0.115727057	1.002814e−01	INO80D
ENSG00000114942	9727.983051	−0.232133616	5.265381e−04	−0.115416018	0.087599502	−0.083579830	2.160864e−01	−0.260242032	1.399875e−04	EEF1B2
ENSG00000114978	13993.823074	0.052655905	3.472607e−01	−0.032182229	0.569698645	−0.045360817	4.229901e−01	0.149235718	9.223956e−03	MOB1A
ENSG00000114982	1612.507996	0.162853907	5.760522e−03	0.061477805	0.302481807	0.060586541	3.097106e−01	0.040264368	5.048099e−01	KANSL3
ENSG00000115009	2.693252	0.098342729	2.307573e−01	0.215721744	0.008703842	−0.071271816	3.812685e−01	−0.044596826	5.833192e−01	CCL20
ENSG00000115020	4251.537386	0.064459316	1.962183e−01	0.055384963	0.272048511	0.100516291	4.621522e−02	0.028111739	5.822778e−01	PIKFYVE
ENSG00000115042	510.767436	−0.118092401	7.746681e−02	0.012750511	0.849828668	−0.138077189	4.106592e−02	−0.128166856	6.042821e−02	FAHD2A
ENSG00000115073	2972.025253	−0.079703321	8.694734e−02	−0.059452206	0.206682286	−0.107621235	2.236002e−02	−0.095602112	4.521572e−02	ACTR1B
ENSG00000115091	16434.770317	0.045449990	4.935676e−01	0.066801301	0.318730999	0.055763642	4.052415e−01	0.151966710	2.491151e−02	ACTR3
ENSG00000115112	37.054310	0.077573345	5.480697e−01	−0.112141059	0.383194696	0.085584669	5.059220e−01	−0.265096353	3.820372e−02	TFCP2L1
ENSG00000115128	1271.560564	−0.108113051	1.440567e−02	0.016898125	0.704567875	−0.045841241	3.047168e−01	0.010336913	8.190837e−01	SF3B6
ENSG00000115137	234.263641	0.225900205	1.101587e−02	0.009227907	0.918094916	−0.036173249	6.873196e−01	−0.140041723	1.223176e−01	DNAJC27
ENSG00000115138	104.221213	0.012424062	9.249159e−01	−0.057719953	0.660468011	−0.087106999	5.073819e−01	−0.332660084	1.101447e−02	POMC
ENSG00000115155	28.667033	0.173600952	7.445497e−03	0.024166959	0.709053117	−0.012000989	8.529790e−01	0.193547363	2.768390e−03	OTOF
ENSG00000115159	793.137114	0.108935083	1.803826e−01	0.154514039	0.059135916	0.032531282	6.914606e−01	0.217883535	8.349611e−03	GPD2
ENSG00000115165	9501.679110	0.038623844	7.195788e−01	0.009274864	0.931505657	−0.104897407	3.310200e−01	−0.232051591	3.217907e−02	CYTIP
ENSG00000115170	452.471104	0.068919256	2.757941e−01	0.135826120	0.033019607	0.074420151	2.439617e−01	0.134639284	3.687605e−02	ACVR1
ENSG00000115183	30.466769	0.198703236	1.251890e−01	0.069613133	0.589661725	0.329395881	1.076892e−02	0.120786900	3.469924e−01	TANC1
ENSG00000115204	1723.948020	−0.093936523	1.499785e−02	−0.012358194	0.751418759	−0.017569397	6.527648e−01	−0.067479848	8.847782e−02	MPV17
ENSG00000115233	1166.444614	0.031903515	5.241690e−01	0.043452510	0.390624305	0.129243629	1.060524e−02	0.070737768	1.678070e−01	PSMD14
ENSG00000115234	6991.871335	−0.117171952	3.839568e−04	−0.033523448	0.315223139	−0.043640487	1.912329e−01	0.029965940	3.762198e−01	SNX17
ENSG00000115239	53.247900	0.233211332	3.879935e−02	0.285772643	0.011383002	0.233593777	3.902931e−02	0.271592734	1.652106e−02	ASB3
ENSG00000115257	29.804486	0.021599089	8.698588e−01	0.028497296	0.828314327	−0.131570735	3.166420e−01	−0.271551101	3.792499e−02	PCSK4
ENSG00000115267	1330.350400	0.171962262	8.033588e−02	0.011867052	0.904412887	0.079781783	4.194349e−01	0.353896065	3.677048e−04	IFIH1
ENSG00000115268	14287.678891	−0.165888022	5.858401e−03	−0.144911851	0.017150340	−0.136078109	2.521387e−02	−0.148610123	1.574259e−02	RPS15
ENSG00000115271	2891.304130	−0.032785189	6.473314e−01	0.087122656	0.227915665	0.168979483	1.934161e−02	0.135419859	6.364409e−02	GCA
ENSG00000115286	1601.447106	−0.080805035	2.351796e−01	−0.075022104	0.274712927	−0.143876584	3.631599e−02	−0.033463783	6.297998e−01	NDUFS7
ENSG00000115295	139.334465	−0.070722534	5.857937e−01	0.044134454	0.733241624	0.256823721	4.728209e−02	0.162772267	2.075716e−01	CLIP4
ENSG00000115339	1039.529436	0.235639888	1.879888e−02	0.223959757	0.026199343	0.058460988	5.618796e−01	−0.023630076	8.156146e−01	GALNT3
ENSG00000115368	1152.503359	0.146036178	5.153158e−02	0.198154456	0.008758213	0.231082997	2.236872e−03	0.082567071	2.798878e−01	WDR75
ENSG00000115392	443.930220	0.169391587	6.707541e−02	0.107120266	0.249631548	0.263617787	4.571603e−03	0.257366103	5.984899e−03	FANCL
ENSG00000115415	8840.207591	0.210055304	1.111451e−01	0.141717209	0.280983401	0.221475784	9.201253e−02	0.368231486	4.919871e−03	STAT1
ENSG00000115419	2872.544817	0.181060727	1.239260e−02	0.175991280	0.015938254	0.265796363	2.718449e−04	0.184228339	1.253491e−02	GLS
ENSG00000115446	752.115339	0.008241718	8.832227e−01	0.133121129	0.018613748	0.139609552	1.365330e−02	0.038857990	4.980161e−01	UNC50
ENSG00000115459	690.736146	0.146948229	4.616230e−02	0.072235445	0.331452606	0.119948552	1.067822e−01	0.054944801	4.646417e−01	ELMOD3
ENSG00000115484	3432.650539	0.019471892	6.712703e−01	0.124478897	0.007248419	0.082080053	7.679849e−02	0.190916813	4.842474e−05	CCT4
ENSG00000115504	466.252090	−0.080328423	2.525840e−01	−0.081794179	0.248082866	−0.158505081	2.552174e−02	−0.176098590	1.408066e−02	EHBP1
ENSG00000115514	571.009088	0.047665506	4.527437e−01	0.029453649	0.645810659	0.148920256	1.994537e−02	0.187864286	3.680108e−03	TXNDC9
ENSG00000115520	1476.832232	0.036135877	5.961846e−01	0.008829586	0.897913490	−0.182872087	7.972287e−03	−0.146468594	3.548240e−02	COQ10B
ENSG00000115561	1602.244106	−0.105417170	3.382924e−02	−0.047287870	0.345957067	−0.101147540	4.406516e−02	−0.059444385	2.425934e−01	CHMP3
ENSG00000115594	1681.943736	−0.181719876	1.400770e−01	−0.151370396	0.218962218	−0.032171832	7.938781e−01	−0.347688998	4.741196e−03	IL1R1
ENSG00000115598	29.662389	−0.041713814	7.517360e−01	0.137434325	0.295740289	−0.155454710	2.369523e−01	−0.306539343	1.920598e−02	IL1RL2
ENSG00000115661	802.771190	−0.107717579	4.200874e−02	−0.044875899	0.401252382	−0.115992588	3.044330e−02	−0.081511369	1.326261e−01	STK16
ENSG00000115677	7994.604297	−0.036597425	4.030499e−01	−0.077833240	0.078755133	−0.116277648	8.651383e−03	0.060519760	1.774751e−01	HDLBP
ENSG00000115685	1682.222606	−0.114603428	6.854635e−03	−0.050982265	0.233750882	−0.101294412	1.817264e−02	−0.001451173	9.733292e−01	PPP1R7
ENSG00000115687	362.834362	0.178382398	5.509894e−02	0.079747196	0.394222498	0.264727620	4.624202e−03	0.108541581	2.493263e−01	PASK
ENSG00000115718	27.349709	0.250497845	4.530260e−02	0.221552370	0.075492938	0.072454702	5.606777e−01	0.021244201	8.638617e−01	PROC
ENSG00000115738	8398.508044	0.074461868	4.334089e−01	0.068705839	0.472118190	−0.114618740	2.303601e−01	−0.222661420	2.061074e−02	ID2
ENSG00000115758	2500.039835	−0.112228299	1.580843e−01	−0.026609115	0.739707881	−0.228730201	4.314001e−03	−0.141425389	8.031662e−02	ODC1
ENSG00000115761	685.380650	0.096193337	1.086752e−01	0.054700665	0.366481636	0.031188949	6.070482e−01	0.193909577	1.537835e−03	NOL10
ENSG00000115808	2050.709650	0.016048028	7.325631e−01	0.026383997	0.578475803	0.095621280	4.397455e−02	0.063252970	1.885876e−01	STRN
ENSG00000115816	1253.217606	0.156225112	4.665643e−02	0.149599463	0.058676265	0.031238500	6.932276e−01	0.117444585	1.416315e−01	CEBPZ
ENSG00000115825	3408.041989	−0.043615533	5.375753e−01	0.027227170	0.702770715	0.087636017	2.193484e−01	0.156974969	2.946106e−02	PRKD3
ENSG00000115828	790.052423	−0.252896227	2.577624e−02	−0.075556647	0.506021605	0.093718801	4.093247e−01	−0.003571960	9.749745e−01	QPCT
ENSG00000115840	490.593305	0.086218219	2.212564e−01	0.054609201	0.442666965	0.149901544	3.491693e−02	0.075192064	2.955307e−01	SLC25A12
ENSG00000115844	1.928997	0.122147375	1.439996e−01	0.173073611	0.038738873	−0.101280128	2.199750e−01	−0.037810223	6.467908e−01	DLX2
ENSG00000115884	1.160094	0.181778869	6.541601e−03	0.072016456	0.278382573	0.144248983	3.018036e−02	0.129528797	5.139112e−02	SDC1
ENSG00000115902	1100.347024	0.246589141	3.995381e−02	0.249145465	0.038039758	0.011081127	9.265044e−01	0.146698618	2.222757e−01	SLC1A4
ENSG00000115904	1528.472300	0.060174497	3.259559e−01	0.058792225	0.341889239	0.198755308	1.301418e−03	0.214166649	6.150348e−04	SOS1
ENSG00000115919	1983.423603	0.183850264	4.373485e−03	0.160283679	0.013838200	0.150140452	2.116383e−02	0.282469457	1.793267e−05	KYNU
ENSG00000115942	353.364029	0.164202278	3.942268e−02	0.122069579	0.128868737	0.190561625	1.770309e−02	0.133122039	1.006712e−01	ORC2
ENSG00000115944	2931.065823	−0.140095231	1.050884e−02	−0.027745832	0.615809437	−0.074213856	1.797401e−01	−0.046403133	4.074201e−01	COX7A2L
ENSG00000115946	912.510470	0.056902177	4.337847e−01	0.173777425	0.017667084	0.006701533	9.272249e−01	−0.056183676	4.486038e−01	PNO1
ENSG00000116005	534.358568	−0.234134166	6.458109e−03	−0.088835829	0.304102502	−0.010522577	9.030816e−01	−0.006504625	9.404301e−01	PCYOX1
ENSG00000116062	1189.189166	0.186724046	2.001845e−02	0.075100278	0.353303174	0.105616929	1.917863e−01	0.146565785	7.262701e−02	MSH6
ENSG00000116106	11.501053	0.208643607	4.204608e−02	0.024834016	0.807865754	0.101112302	3.223120e−01	0.035654788	7.260683e−01	EPHA4
ENSG00000116133	574.199133	−0.253194078	4.472367e−02	−0.185186620	0.141688048	0.026191438	8.353317e−01	0.051458353	6.826218e−01	DHCR24
ENSG00000116138	544.716573	0.138290758	4.260115e−02	0.032627245	0.635952734	0.081653156	2.360803e−01	0.191284757	5.940872e−03	DNAJC16
ENSG00000116191	593.871732	0.188938995	1.340075e−01	0.347627085	0.005783389	0.266735420	3.422323e−02	0.213500014	8.973992e−02	RALGPS2
ENSG00000116199	1527.129752	0.069833785	2.154056e−01	0.001800206	0.974802359	0.072327978	2.042834e−01	0.177591963	2.051915e−03	FAM20B
ENSG00000116221	1475.898454	−0.126394014	4.453950e−03	−0.018160335	0.685473929	−0.055369024	2.175308e−01	0.023138480	6.108096e−01	MRPL37
ENSG00000116237	1218.266147	−0.167864299	2.239482e−02	−0.148261851	0.045496589	0.023857973	7.473686e−01	−0.053036614	4.784020e−01	ICMT
ENSG00000116251	10644.202900	−0.237012327	1.143666e−05	−0.054775872	0.315486463	−0.066618368	2.222016e−01	−0.209505977	1.510713e−04	RPL22
ENSG00000116273	139.242707	0.264072867	3.702351e−02	−0.028738665	0.820417003	0.030624922	8.088396e−01	0.178825696	1.569932e−01	PHF13
ENSG00000116288	4343.141121	−0.136073702	1.960185e−04	0.033015826	0.371217353	−0.018571250	6.152761e−01	−0.052942572	1.578323e−01	PARK7
ENSG00000116299	13.555465	0.121031620	3.185524e−01	0.023995402	0.842530945	0.147614787	2.220942e−01	0.236767357	4.929914e−02	KIAA1324
ENSG00000116350	3121.982559	0.109705919	5.025962e−02	0.065794681	0.245274128	0.048783389	3.891007e−01	0.156173667	6.445750e−03	SRSF4
ENSG00000116353	322.819401	−0.145565138	5.028125e−02	−0.183404649	0.014493796	−0.184333482	1.409608e−02	−0.012852924	8.648585e−01	MECR

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000116396	3.893776e+01	0.396841465	2.320961e−03	0.1585986873	0.222986353	0.389500217	0.0027410246	0.287586992	0.0266410128	KCNC4
ENSG00000116406	1.389333e+03	−0.063727288	2.944561e−01	0.0587352728	0.338170554	0.132402673	0.0307945402	0.062083293	0.3170338060	EDEM3
ENSG00000116455	1.106682e+03	−0.004759397	9.362810e−01	0.0334725803	0.577532428	0.168940257	0.0048870461	0.141161863	0.0201696449	WDR77
ENSG00000116459	5.177656e+03	−0.091560488	1.341412e−02	0.0368389620	0.325093835	−0.014951438	0.6898143074	0.001642391	0.9655193984	ATP5F1
ENSG00000116478	3.629356e+03	−0.101329244	2.136824e−02	−0.0457138396	0.304433013	−0.032893404	0.4600224229	0.012324376	0.7847365303	HDAC1
ENSG00000116489	7.834650e+03	0.087726746	1.615976e−01	0.1117274370	0.077456100	0.062634563	0.3223262462	0.236388723	0.0002221447	CAPZA1
ENSG00000116525	4.873787e+02	0.031112688	6.736706e−01	−0.1467178997	0.049420875	−0.054454672	0.4654566264	−0.097791755	0.1947790535	TRIM62
ENSG00000116560	1.769553e+04	0.142665717	1.933260e−03	0.0389813183	0.402285535	0.016060655	0.7300594209	0.044286011	0.3479793870	SFPQ
ENSG00000116574	1.595264e+03	−0.004040638	9.710398e−01	−0.0606265902	0.586837424	−0.114618020	0.3042861063	−0.253653698	0.0234189137	RHOU
ENSG00000116584	7.079703e+03	−0.039588248	5.102548e−01	−0.1422993515	0.019126032	−0.067084061	0.2693059259	−0.076997575	0.2103592394	ARHGEF2
ENSG00000116586	1.549604e+03	−0.175769617	9.435782e−04	−0.0029415671	0.956244138	−0.083849320	0.1183188355	−0.025521086	0.6385047481	LAMTOR2
ENSG00000116604	9.098396e+03	0.164234408	1.226903e−02	0.0223445846	0.735732441	−0.153114226	0.0207683496	−0.120864535	0.0711362150	MEF2D
ENSG00000116667	1.032088e+02	0.214964786	9.403620e−02	0.3611184269	0.004826574	0.217760089	0.0893874469	0.214961540	0.0928940860	C1orf21
ENSG00000116670	1.499865e+03	−0.096320134	1.125311e−01	−0.0951418614	0.120645867	−0.181808780	0.0030500821	−0.175767143	0.0046341264	MAD2L2
ENSG00000116685	2.638490e+03	−0.090674751	1.428293e−01	−0.1480144674	0.017884424	−0.097327229	0.1194308074	0.006397240	0.9193745451	KIAA2013
ENSG00000116690	9.962776e+00	−0.133766250	3.002506e−01	−0.2940419839	0.022054285	−0.245093034	0.0563819534	−0.029594462	0.8173886031	PRG4
ENSG00000116701	1.262899e+04	−0.047130295	4.743087e−01	0.0808527017	0.223893436	0.001270070	0.9847586014	0.133392796	0.0472687716	NCF2
ENSG00000116711	2.600694e+02	0.214025358	3.319468e−02	0.2343079132	0.020173550	0.182668755	0.0703645926	0.226651329	0.0255535969	PLA2G4A
ENSG00000116731	2.800696e+03	0.145607315	2.111068e−02	0.0651283916	0.307106170	−0.021543097	0.7356254753	0.031044390	0.6304753883	PRDM2
ENSG00000116741	3.377698e+04	−0.076739905	5.051937e−01	0.0152654715	0.894712567	−0.212123169	0.0659183417	−0.440832623	0.0001366077	RGS2
ENSG00000116752	7.975271e+02	0.047117895	4.400068e−01	0.0167781154	0.785547978	−0.033321553	0.5894502653	−0.154133462	0.0137267245	BCAS2
ENSG00000116754	7.035570e+03	0.120148627	3.367915e−02	0.1053951888	0.065194171	0.182429018	0.0014133729	0.067946799	0.2404434161	SRSF11
ENSG00000116774	2.164670e+01	0.126735104	2.652075e−01	0.0806782858	0.476382993	−0.006116583	0.9569039611	0.325016407	0.0040281491	OLFML3
ENSG00000116786	5.422807e+03	0.048491011	3.100364e−01	−0.0547214311	0.257398239	−0.148530936	0.0021236752	−0.075232150	0.1245951899	PLEKHM2
ENSG00000116793	5.461254e+02	0.269080239	9.855293e−04	0.2149423756	0.009036637	0.156478305	0.0576064026	0.185367404	0.0256038211	PHTF1
ENSG00000116809	1.149467e+03	0.194233393	1.134115e−03	−0.0090652274	0.880686219	−0.020387104	0.7358454676	0.044805663	0.4634596412	ZBTB17
ENSG00000116852	8.430835e+02	0.053944921	5.714094e−01	0.0518711919	0.588165426	0.219894400	0.0216418213	0.094766214	0.3256941425	KIF21B
ENSG00000116857	6.595173e+02	−0.110798419	2.452930e−01	−0.1166320177	0.223742032	−0.212325256	0.0268735981	−0.151414886	0.1165617231	TMEM9
ENSG00000116898	1.806071e+03	−0.110077417	2.402193e−02	−0.0410244297	0.405101312	−0.091198649	0.0644899766	−0.028478613	0.5684340213	MRPS15
ENSG00000116984	1.241989e+03	0.103348987	1.075886e−01	0.0971758315	0.134009279	0.171767207	0.0080610387	0.131655197	0.0446427832	MTR
ENSG00000116990	3.711804e+03	−0.227637703	2.047624e−02	−0.2028451975	0.039838554	0.079729901	0.4190624881	−0.063286191	0.5237018420	MYCL
ENSG00000116991	8.871533e+02	0.019133522	8.601369e−01	0.0598090575	0.582837287	−0.229875574	0.0348921658	−0.057386873	0.5995568258	SIPA1L2
ENSG00000117000	1.509721e+03	0.238312170	1.888620e−03	0.0617845704	0.424492555	−0.065550664	0.3971702340	0.001121773	0.9885464481	RLF
ENSG00000117009	3.025733e+02	0.105803757	2.699878e−01	0.0493687575	0.608667198	0.212415287	0.0274118298	0.232360725	0.0165067500	KMO
ENSG00000117036	4.079224e+03	0.222987618	2.734602e−02	0.1272877172	0.209775936	−0.021842508	0.8296173675	−0.206142094	0.0433656144	ETV3
ENSG00000117118	2.618088e+03	−0.106723537	1.341385e−02	0.0391829448	0.368761078	−0.101626694	0.0199867538	−0.021161531	0.6323267965	SDHB
ENSG00000117153	9.122862e+02	−0.142384478	6.514962e−03	0.0443362059	0.400073844	0.096890281	0.0658544995	0.037697478	0.4801266082	KLHL12
ENSG00000117226	8.472806e+02	0.170993776	1.556246e−01	0.0829925332	0.490943556	0.340632267	0.0046883477	0.195524754	0.1048012311	GBP3
ENSG00000117228	2.487074e+03	0.193742482	1.416491e−01	0.0758903954	0.563653783	0.349908209	0.0077601276	0.433833888	0.0009214523	GBP1
ENSG00000117298	3.155781e+02	0.059546673	6.497170e−01	0.0906502244	0.487784925	0.163531450	0.2106940928	0.313181205	0.0160494972	ECE1
ENSG00000117322	3.617098e+01	0.229657826	2.583918e−02	0.1494804335	0.145540357	0.172268115	0.0934549787	0.293850806	0.0041029452	CR2
ENSG00000117335	5.086760e+03	0.059627913	3.013397e−01	0.0464131918	0.425841733	0.147997642	0.0110953328	0.040366725	0.4939508216	CD46
ENSG00000117360	1.145689e+03	0.150051228	1.944078e−02	0.0782684657	0.227418962	0.078849521	0.2241567355	0.034876037	0.5952921636	PRPF3
ENSG00000117362	8.723048e+03	−0.081930429	2.192146e−02	−0.0356717280	0.324084629	−0.042430854	0.2409247415	−0.075159484	0.0406309524	APH1A
ENSG00000117394	3.857690e+03	−0.004965433	9.533677e−01	−0.1684781251	0.048804288	−0.162301018	0.0576995185	−0.239159322	0.0055456018	SLC2A1
ENSG00000117399	3.349073e+01	0.441473136	7.696201e−04	0.1080173676	0.408630820	0.462428343	0.0004074051	0.375486135	0.0039226560	CDC20
ENSG00000117408	1.019820e+03	−0.016572875	7.518191e−01	0.0113002065	0.830996168	0.056262880	0.2879064312	0.147972478	0.0056749143	IPO13
ENSG00000117410	7.467339e+03	−0.031530479	3.764985e−01	−0.0485444814	0.178543007	−0.121669267	0.0007532174	−0.079419829	0.0301270038	ATP6V0B
ENSG00000117425	6.748448e+01	0.313780518	7.706022e−03	0.0858587590	0.467742790	0.292724113	0.0130773449	0.027774575	0.8146963793	PTCH2
ENSG00000117481	7.906708e+02	0.211123416	1.906664e−02	0.1396032189	0.123437930	−0.035126717	0.6986076883	0.053886872	0.5552944640	NSUN4
ENSG00000117500	3.679973e+03	0.178612774	4.557401e−03	0.1378071100	0.030197424	0.044183350	0.4872772283	0.057980914	0.3675516524	TMED5
ENSG00000117519	7.403035e+00	0.048962649	5.521458e−01	0.1833733464	0.025909686	0.057346792	0.4852425759	0.041220216	0.6150502900	CNN3
ENSG00000117523	8.914580e+03	0.127335963	1.309831e−02	0.0691771855	0.182433813	0.018380639	0.7231934513	0.015652487	0.7659404295	PRRC2C
ENSG00000117528	5.866404e+02	0.031534885	6.715858e−01	0.0582962674	0.436911616	0.161361622	0.0312733937	0.207427841	0.0060550722	ABCD3
ENSG00000117543	6.173345e+02	−0.219303859	2.104084e−03	−0.0800511852	0.264719159	−0.057063297	0.4266975161	−0.103105248	0.1554988228	DPH5
ENSG00000117560	6.864096e−01	0.026508652	5.734892e−01	0.0125256237	0.790087066	0.096400949	0.0408496388	0.018135157	0.6996439005	FASLG
ENSG00000117586	4.086427e+01	−0.277629949	3.200176e−02	0.0318194161	0.805333901	−0.236584005	0.0666761297	−0.312109020	0.0150288008	TNFSF4
ENSG00000117592	3.869205e+03	−0.108611215	8.791016e−03	0.0236527613	0.572347309	−0.082528680	0.0491035848	−0.045464324	0.2848542631	PRDX6
ENSG00000117593	3.510544e+02	0.071678861	3.962166e−01	0.1391676859	0.101354246	0.154745024	0.0685916113	0.266708831	0.0018329170	DARS2
ENSG00000117614	2.210152e+03	−0.073195831	1.129416e−01	0.0501538603	0.282089760	−0.126456849	0.0068161468	−0.070340413	0.1373864082	SYF2
ENSG00000117620	7.855367e+02	0.060193971	3.202487e−01	−0.0308126508	0.614927742	0.120510841	0.0487151255	0.124579765	0.0439321654	SLC35A3
ENSG00000117676	7.429294e+03	−0.133465713	6.656920e−03	−0.0977040992	0.049411901	−0.065527935	0.1875486468	0.105854571	0.0355764491	RPS6KA1
ENSG00000117691	1.018759e+03	−0.146975921	1.317205e−02	−0.1097990346	0.066652283	−0.137339858	0.0219089142	−0.097644664	0.1068869895	NENF
ENSG00000117697	9.273986e+02	−0.122503830	4.727689e−02	−0.0289660251	0.641802133	0.033027748	0.5957214559	0.030884768	0.6238447907	NSL1
ENSG00000117724	1.583296e+02	0.267595787	4.233511e−02	0.1306391467	0.320033070	0.149344865	0.2556318387	0.232492028	0.0755663748	CENPF
ENSG00000117862	2.145399e+03	−0.105153409	1.572972e−02	0.0086574199	0.843937210	−0.034127016	0.4382258895	−0.075632811	0.0901908730	TXNDC12
ENSG00000117984	3.400840e+03	0.017096120	8.774053e−01	0.0425023597	0.702036234	−0.091526909	0.4100612575	0.242128701	0.0297770586	CTSD
ENSG00000118113	1.202150e+00	−0.006952152	8.798785e−01	−0.0031945028	0.944620682	0.027249729	0.5534072035	0.145560528	0.0015890519	MMP8
ENSG00000118162	3.035924e+02	0.119136082	1.412615e−01	0.1505045643	0.064835834	0.009189044	0.9105495784	0.257700127	0.0017031463	KPTN
ENSG00000118181	1.460379e+04	−0.193086679	3.666281e−05	−0.0273322367	0.563317018	−0.029989491	0.5260383222	−0.147780900	0.0020567593	RPS25
ENSG00000118193	8.969392e+00	0.138906890	1.456412e−01	0.1759699749	0.064776531	0.241958484	0.0111310916	0.141371781	0.1362019637	KIF14
ENSG00000118217	2.167979e+03	0.073469629	1.544443e−01	0.0007869621	0.987967554	0.060943256	0.2427657130	0.139373593	0.0083120895	ATF6
ENSG00000118246	9.723689e+02	0.147449964	3.728616e−02	0.1770969791	0.013124855	0.087871077	0.2189366368	0.024549778	0.7340396245	FASTKD2
ENSG00000118292	3.347044e+02	−0.235714238	6.966856e−03	−0.1453842675	0.097723430	−0.300596619	0.0006378061	−0.291132774	0.0010275171	C1orf54
ENSG00000118308	2.856535e+03	0.086998763	1.758335e−01	0.1129934795	0.081543939	0.154774839	0.0170385108	−0.114716348	0.0807408454	LRMP
ENSG00000118322	1.061993e+00	−0.126987494	7.084134e−02	−0.0323987103	0.646278887	−0.118613705	0.0906129323	−0.154795482	0.0269897059	ATP10B
ENSG00000118369	3.246500e+02	0.115738388	1.918525e−01	0.0758533105	0.395445053	0.094775192	0.2884720822	0.257799403	0.0040849897	USP35
ENSG00000118412	5.511156e+02	0.137938562	3.659335e−02	0.0204362236	0.759410508	0.203108281	0.0022756427	0.098854416	0.1425831697	CASP8AP2
ENSG00000118418	1.707820e+03	−0.069857228	2.136595e−01	0.0380009738	0.502814618	0.010206024	0.8572656881	−0.150457206	0.0088931043	HMGN3
ENSG00000118503	1.012032e+04	0.108687346	4.084859e−01	0.2212779753	0.091527499	0.107311914	0.4131715236	0.284693791	0.0293740626	TNFAIP3
ENSG00000118507	4.388481e+02	0.048824487	6.092213e−01	0.2075608993	0.030414575	0.112359138	0.2417224855	0.160440277	0.0965592053	AKAP7
ENSG00000118515	2.360465e+04	−0.083666520	5.099723e−01	0.0581003304	0.646904016	−0.201040895	0.1129631791	−0.296949313	0.0190526513	SGK1
ENSG00000118523	2.967354e+00	0.053176922	4.198913e−01	0.0433481968	0.510385187	0.136619972	0.0382134777	0.027412712	0.6764196235	CTGF
ENSG00000118557	3.673516e+01	0.357162752	4.722429e−03	−0.0701943972	0.580276296	0.265452533	0.0358741740	0.064288323	0.6111459453	PMFBP1
ENSG00000118579	2.066346e+03	−0.146051110	1.048261e−02	−0.0335048320	0.560800022	−0.027005397	0.6392760464	−0.044201735	0.4485687062	MED28
ENSG00000118600	3.397172e+02	−0.109955740	1.484644e−01	−0.0952006960	0.214178917	−0.152785788	0.0466429816	−0.019661439	0.7993542235	TMEM5
ENSG00000118620	6.567991e+02	−0.056705803	4.489598e−01	−0.1149244153	0.128278878	−0.159447463	0.0350174416	−0.185992170	0.0148662172	ZNF430
ENSG00000118640	4.829096e+03	−0.110161999	8.020406e−03	−0.0172883751	0.680701141	−0.032776331	0.4354579395	−0.070400433	0.0985799956	VAMP8
ENSG00000118680	9.639212e+03	−0.168194121	5.031736e−04	0.0584657151	0.231431464	−0.002257480	0.9631539939	−0.036144796	0.4655337003	MYL12B
ENSG00000118689	1.646257e+03	0.319805537	3.828254e−03	0.1893245437	0.087710954	0.018830203	0.8651652547	0.125119827	0.2605929758	FOXO3
ENSG00000118690	7.257889e+01	0.194468147	1.058963e−01	0.2686262102	0.025471148	−0.091454780	0.4489258394	0.061783971	0.6083210099	ARMC2
ENSG00000118705	8.088695e+03	−0.113504380	4.396315e−02	−0.0697123913	0.220705650	−0.068585420	0.2282933408	0.025717189	0.6554499850	RPN2
ENSG00000118873	1.314610e+03	0.120566125	4.701680e−02	0.0676199191	0.270297023	0.159281869	0.0093771204	0.090056527	0.1467278580	RAB3GAP2
ENSG00000118960	8.962414e+02	0.008358390	8.879506e−01	0.0540737952	0.366367266	−0.036033745	0.5480032021	0.161135773	0.0077639136	HS1BP3
ENSG00000118971	2.357894e+03	0.292014655	1.510555e−02	0.0678696797	0.572469641	0.075317497	0.5310863122	−0.128765382	0.2845929713	CCND2
ENSG00000118985	1.441199e+02	0.382372688	3.204019e−03	0.2095282367	0.104952634	0.217330128	0.0926244857	0.367497012	0.0042767403	ELL2
ENSG00000119004	7.827954e+02	0.165698187	7.861899e−03	0.0009939258	0.987432543	0.009301665	0.8828636597	0.080688624	0.2057268059	CYP20A1
ENSG00000119041	1.017346e+03	0.020171588	6.933616e−01	0.1239539931	0.016282097	0.149860701	0.0036849208	0.096730836	0.0645519845	GTF3C3
ENSG00000119138	6.651703e+03	−0.070461184	5.912156e−01	−0.0388683291	0.766448681	0.011158864	0.9320438511	0.332439761	0.0108150334	KLF9
ENSG00000119280	2.618345e+02	−0.174512613	1.224195e−01	−0.2588523241	0.022252362	−0.124128688	0.2727351228	−0.140005001	0.2172786299	C1orf198
ENSG00000119285	1.028788e+03	0.189688708	8.586199e−03	0.1356582012	0.062452590	0.144883528	0.0466678638	0.161689528	0.0279874849	HEATR1
ENSG00000119326	4.357799e+01	0.011183941	9.209353e−01	−0.0450636584	0.688187705	0.277572073	0.0135222495	0.123553194	0.2692176463	CTNNAL1
ENSG00000119333	1.110375e+02	0.200616283	9.141077e−02	0.1526709222	0.199457258	0.164499050	0.1669135573	0.238226288	0.0453501782	WDR34
ENSG00000119392	1.317825e+03	0.071376748	2.078086e−01	0.0905909117	0.113448458	0.077910037	0.1736707237	0.148111818	0.0105594134	GLE1
ENSG00000119396	3.682127e+03	0.021999237	6.949539e−01	−0.0205665527	0.716766078	0.025469517	0.6532280258	0.127751214	0.0259840281	RAB14

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000119402	1965.780401	0.034898948	0.5047329375	0.019872470	0.707162624	0.143420411	0.0066608690	0.129713232	1.535447e−02	FBXW2
ENSG00000119403	1098.715146	0.053143274	0.3803869000	0.002145850	0.972044728	0.049409310	0.4196812258	−0.161636231	9.208948e−03	PHF19
ENSG00000119431	218.065087	−0.295079655	0.0100322255	−0.207818863	0.070101629	−0.026660728	0.8161087735	−0.004536770	9.684871e−01	HDHD3
ENSG00000119487	3333.746657	−0.059340665	0.1080773980	−0.026242949	0.482353645	−0.106095005	0.0045675468	−0.063921054	9.185330e−02	MAPKAP1
ENSG00000119508	5958.634836	0.123440525	0.3435585300	−0.030166205	0.816289241	−0.225416986	0.0825602532	−0.442216315	6.226366e−04	NR4A3
ENSG00000119522	3732.522709	−0.058991959	0.3440671863	−0.141606780	0.024524305	−0.238946923	0.0001489129	0.009078822	8.866536e−01	DENND1A
ENSG00000119523	1188.076537	0.117153110	0.0984089016	0.053626242	0.453491180	−0.077874152	0.2769338420	−0.143797452	4.701669e−02	ALG2
ENSG00000119541	1879.919569	0.193519196	0.0056372688	0.136561040	0.052863964	0.152112575	0.0310629655	0.240173782	7.536554e−04	VPS4B
ENSG00000119559	436.044431	0.026396332	0.6884336445	−0.021454714	0.746826564	−0.022313612	0.7373051598	0.182487942	6.461451e−03	C19orf25
ENSG00000119596	3135.540180	0.103428135	0.0405316487	0.051652753	0.311729560	0.035589750	0.4859491145	0.044994097	3.845609e−01	YLPM1
ENSG00000119608	11.330269	0.064362054	0.6101595802	0.110216818	0.381026396	0.324446254	0.0100678261	0.291880627	2.001850e−02	PROX2
ENSG00000119669	1271.375682	0.248056735	0.0332827629	0.032735875	0.779087096	−0.108224018	0.3538207735	0.059803093	6.089131e−01	IRF2BPL
ENSG00000119686	735.032576	−0.020365763	0.8599556493	0.102408429	0.375596286	−0.055709549	0.6299172693	0.327715808	4.644413e−03	FLVCR2
ENSG00000119705	580.764533	−0.040682952	0.5084218816	0.123161230	0.046604292	0.044356732	0.4746621180	0.090694527	1.480350e−01	SLIRP
ENSG00000119707	5766.731192	0.118689795	0.0147097579	0.097498006	0.047498271	0.150103999	0.0022786216	0.010171125	8.384243e−01	RBM25
ENSG00000119720	667.015334	0.211891386	0.0019627921	0.105098615	0.128457903	0.030166504	0.6630823981	0.013481165	8.473385e−01	NRDE2
ENSG00000119725	116.460240	0.264664855	0.0064604992	0.089346749	0.362245456	0.082825105	0.3988873970	0.097486714	3.228665e−01	ZNF410
ENSG00000119737	54.440644	0.323169015	0.0101337225	0.156325812	0.213920428	0.106932980	0.3956050451	0.221579815	7.755646e−02	GPR75
ENSG00000119771	26.788705	0.270029419	0.0351244083	0.149695019	0.242719210	0.182272279	0.1549281306	0.103518685	4.185619e−01	KLHL29
ENSG00000119778	1749.727164	0.161769194	0.0225849436	0.103423210	0.148456806	0.099235911	0.1656813801	0.013012370	8.573170e−01	ATAD2B
ENSG00000119812	279.682449	0.061131720	0.5058559851	0.122710452	0.183897478	0.073796240	0.4247432377	0.190953403	3.984241e−02	FAM98A
ENSG00000119906	1092.416874	0.062229946	0.2479682097	0.024808031	0.648778530	0.183742839	0.0007259453	0.122708664	2.589996e−02	SLF2
ENSG00000119912	1214.227735	0.083746242	0.1781959855	0.106107309	0.091038899	0.126333285	0.0442520651	0.230847707	2.758454e−04	IDE
ENSG00000119915	5.746120	−0.012749542	0.8925404646	0.146743522	0.120102807	−0.030554528	0.7451422044	0.326082864	5.558598e−04	ELOVL3
ENSG00000119917	679.519599	0.195416997	0.1051252069	0.116922995	0.330433152	0.052827307	0.6601299500	0.478266730	6.342741e−05	IFIT3
ENSG00000119922	668.403883	0.146586637	0.2517397992	0.084407055	0.507655627	0.001143885	0.9928364308	0.354506396	5.176169e−03	IFIT2
ENSG00000119969	75.430484	0.377197255	0.0028531717	0.122193536	0.333997975	0.330361668	0.0089384550	0.269536372	3.277169e−02	HELLS
ENSG00000119986	754.852675	0.033201987	0.7605846529	−0.121987701	0.264385109	−0.283476609	0.0095325673	−0.275536621	1.202668e−02	AVPI1
ENSG00000120049	49.569368	0.008771411	0.9435841632	0.106887655	0.387899092	0.117896690	0.3410798951	0.308387117	1.244054e−02	KCNIP2
ENSG00000120053	481.729653	−0.038513899	0.5749546964	0.099110754	0.151596995	0.148817026	0.0312826222	0.137354354	4.911292e−02	GOT1
ENSG00000120063	12636.556496	0.061794152	0.4724154116	0.010563067	0.902886981	−0.198656195	0.0217626724	−0.178467739	4.089710e−02	GNA13
ENSG00000120093	150.723473	−0.047487350	0.7091939731	0.069166747	0.586419234	0.220061619	0.0833853815	0.270340341	3.311639e−02	HOXB3
ENSG00000120162	1422.305686	0.245633386	0.0171278705	0.274511915	0.007953777	0.145961309	0.1583015168	0.154669781	1.367592e−01	MOB3B
ENSG00000120262	378.751729	−0.216274356	0.0356594033	−0.219076404	0.034076606	−0.131886742	0.2019088759	−0.499786729	1.539141e−06	CCDC170
ENSG00000120265	1764.486757	−0.111560762	0.0457408886	0.054929184	0.329569667	0.075203321	0.1820006935	0.054926114	3.356845e−01	PCMT1
ENSG00000120314	1205.600074	0.175696929	0.0015039561	0.052584084	0.348033436	0.158832262	0.0045541520	0.056447032	3.196528e−01	WDR55
ENSG00000120337	4.821726	−0.051973651	0.4104248241	−0.049702956	0.430730780	−0.134673023	0.0325347336	−0.137080633	2.931318e−02	TNFSF18
ENSG00000120370	236.026092	0.080595985	0.4268014689	0.020231725	0.842615160	0.026613533	0.7940217170	−0.226576432	2.734213e−02	GORAB
ENSG00000120438	3576.479636	0.025640038	0.5037180756	0.055147233	0.155123006	0.103677426	0.0075178260	0.096551882	1.409820e−02	TCP1
ENSG00000120526	436.815375	0.070470819	0.4210334409	0.049977363	0.570757237	0.276104347	0.0017022850	0.178203311	4.464732e−02	NUDCD1
ENSG00000120539	354.633463	0.280552305	0.0137582071	0.299315114	0.008693391	0.158118596	0.1659789323	0.138473426	2.261947e−01	MASTL
ENSG00000120616	3028.520705	0.072005057	0.2996176525	0.025358421	0.717308919	−0.189850462	0.0067577502	−0.138991708	4.979021e−02	EPC1
ENSG00000120647	160.365343	0.268029793	0.0203364595	0.106974678	0.355676477	0.168658663	0.1452671246	0.132051233	2.550763e−01	CCDC77
ENSG00000120656	628.910496	−0.141597802	0.0244395012	−0.048835421	0.441384213	−0.046650751	0.4623880768	−0.160507063	1.254701e−02	TAF12
ENSG00000120658	11.618933	0.063492084	0.5705506127	−0.012260791	0.912405794	0.313978778	0.0049912116	0.018873739	8.649969e−01	ENOX1
ENSG00000120675	1952.345493	0.104632422	0.1841443351	0.191727933	0.015707659	0.192973097	0.0150554545	0.121043137	1.309061e−01	DNAJC15
ENSG00000120685	2091.384717	0.100203908	0.0470722983	0.064243088	0.208031499	0.059291495	0.2454514756	0.090096450	8.139968e−02	PROSER1
ENSG00000120686	2675.188752	−0.009764845	0.8140882493	−0.004379590	0.916960289	−0.006962394	0.8684153976	−0.096923898	2.305530e−02	UFM1
ENSG00000120690	7534.841149	0.068657958	0.3129460962	0.087850517	0.200684512	−0.135437040	0.0486000503	−0.019011530	7.842284e−01	ELF1
ENSG00000120693	5.445735	0.008004393	0.9376435553	0.330908420	0.001279597	0.056047622	0.5828445798	0.035095473	7.300794e−01	SMAD9
ENSG00000120697	689.132358	0.094515403	0.1022731725	0.145695968	0.012591594	0.082034259	0.1609352457	0.043709384	4.603224e−01	ALG5
ENSG00000120705	5467.604891	0.180605608	0.0148237894	0.107310081	0.151083122	−0.075842061	0.3103978818	0.018844907	8.029338e−01	ETF1
ENSG00000120708	19349.096147	−0.093495060	0.1443501753	−0.074980971	0.246190436	−0.182334745	0.0048063278	−0.107229923	1.011608e−01	TGFBI
ENSG00000120709	3662.777163	−0.007694395	0.9009639204	−0.066083141	0.289939026	−0.205845818	0.0009862246	−0.263534463	3.081679e−05	FAM53C
ENSG00000120725	1079.832501	−0.063896233	0.3130597133	0.009391889	0.883101103	−0.129798072	0.0425300757	−0.019965285	7.575955e−01	SIL1
ENSG00000120733	4598.933511	0.131073083	0.0127111722	0.054814200	0.302655020	0.011957498	0.8221478588	−0.032701655	5.440429e−01	KDM3B
ENSG00000120798	761.370381	0.102054638	0.1313016933	0.122700946	0.072192169	0.150409897	0.0275527598	0.010308503	8.813549e−01	NR2C1
ENSG00000120800	576.483717	0.141205761	0.0508406317	0.007118736	0.922340773	0.101573944	0.1639120244	0.173433742	1.858662e−02	UTP20
ENSG00000120802	2880.781317	0.035903591	0.5909335537	0.108239671	0.108265755	0.064495658	0.3387190026	0.214834186	1.616390e−03	TMPO
ENSG00000120833	25.412143	0.172496341	0.1462587376	0.066235628	0.575371443	0.243337013	0.0397503912	0.104722296	3.735015e−01	SOCS2
ENSG00000120868	5036.141828	0.137092475	0.0719966824	0.110921736	0.148730221	0.165361157	0.0313349944	0.326935056	2.489984e−05	APAF1
ENSG00000120896	2796.017444	−0.114672221	0.1408392583	−0.154254008	0.049368111	−0.281721439	0.0003331779	−0.157050653	4.746376e−02	SORBS3
ENSG00000120899	7005.820156	0.048060737	0.4870280282	0.067829919	0.330885078	0.066682617	0.3391549828	0.238788991	7.085989e−04	PTK2B
ENSG00000120913	2745.689057	−0.122026892	0.0564872017	−0.203344518	0.001647626	−0.164046147	0.0111143960	−0.072966326	2.640837e−01	PDLIM2
ENSG00000120948	1875.769309	0.036237560	0.5795525779	0.078662160	0.233364389	0.056727430	0.3902698928	0.151256256	2.341435e−02	TARDBP
ENSG00000121053	33.709288	0.365135728	0.0051753285	0.178791840	0.169199160	0.345255880	0.0079566563	0.148178140	2.523400e−01	EPX
ENSG00000121060	4024.954970	0.123811839	0.2015525783	0.135283139	0.164937875	0.094844932	0.3303022371	0.371677657	1.490946e−04	TRIM25
ENSG00000121064	2255.040349	−0.177536150	0.0342398295	−0.017104744	0.839403303	0.011522726	0.8914120236	0.136035107	1.099400e−01	SCPEP1
ENSG00000121067	1822.303824	0.038747218	0.6216763392	−0.003892039	0.960776120	0.153102305	0.0529431109	0.230063317	3.949955e−03	SPOP
ENSG00000121152	52.578506	0.316416740	0.0162472334	0.140135743	0.285495142	0.239450290	0.0680150145	0.061203607	6.393875e−01	NCAPH
ENSG00000121310	765.733443	0.039207795	0.7541934051	0.007480275	0.952332781	0.311456763	0.0127962250	0.288356947	2.107333e−02	ECHDC2
ENSG00000121318	3.060056	0.073286638	0.3611742812	0.086688018	0.279474607	0.185224381	0.0210357189	0.096301134	2.284576e−01	TAS2R10
ENSG00000121350	613.130017	0.152342027	0.0282089088	0.035291389	0.614952409	−0.010367303	0.8826726723	0.020362900	7.740306e−01	PYROXD1
ENSG00000121390	1567.518299	0.063863862	0.1669286963	0.021832110	0.640424559	−0.124133868	0.0080934059	−0.021946862	6.436780e−01	PSPC1
ENSG00000121417	633.296668	−0.082008009	0.3499553174	−0.144910704	0.100928149	−0.056722905	0.5206708378	−0.182212102	4.073600e−02	ZNF211
ENSG00000121454	65.107754	0.164753352	0.1995703759	0.019254951	0.880722747	0.290824448	0.0232788217	0.232098732	6.968655e−02	LHX4
ENSG00000121486	352.406949	0.212589165	0.0113020595	0.180960215	0.032242139	0.160924583	0.0570808800	0.299219425	4.418529e−04	TRMT1L
ENSG00000121552	2323.954250	−0.188235508	0.0368829791	0.004714984	0.958543220	−0.039204901	0.6656209726	−0.012003361	8.954918e−01	CSTA
ENSG00000121578	475.021837	0.166768494	0.0502515328	0.149443243	0.081398930	0.195643697	0.0225184471	0.170086633	4.920810e−02	B4GALT4
ENSG00000121594	42.038788	0.113402355	0.3892566846	0.164705098	0.209741008	−0.051587351	0.6943717254	−0.349257854	7.514377e−03	CD80
ENSG00000121653	88.035855	0.233578195	0.0762829791	0.169665141	0.196573471	0.270126873	0.0397757008	−0.049492661	7.053720e−01	MAPK8IP1
ENSG00000121691	12857.818785	−0.103266687	0.1204247277	0.018339719	0.784625600	−0.079065482	0.2387569044	−0.187097070	5.842990e−03	CAT
ENSG00000121716	269.849969	0.229520968	0.0779700098	0.075354481	0.562001169	0.277646997	0.0326151496	0.070650549	5.856802e−01	PILRB
ENSG00000121743	1.130047	0.100817335	0.0434194778	0.056432237	0.257458194	−0.013851245	0.7803883018	0.015952822	7.483242e−01	GJA3
ENSG00000121749	1275.445041	0.187449359	0.0072121296	0.105926254	0.132498994	0.094000210	0.1820474137	0.137842882	5.277806e−02	TBC1D15
ENSG00000121769	6.576095	0.221639605	0.0376242014	0.103070218	0.331110027	0.003576527	0.9730215774	0.058887411	5.768308e−01	FABP3
ENSG00000121774	7413.100822	−0.028475394	0.2760594757	−0.057766141	0.029146893	−0.079139420	0.0028215163	0.009446238	7.251498e−01	KHDRBS1
ENSG00000121775	767.366377	−0.041396723	0.4240714623	−0.043556933	0.405508294	−0.021663404	0.6792125346	−0.121547382	2.212748e−02	TMEM39B
ENSG00000121797	121.259555	0.285766646	0.0186384090	0.206466654	0.089240317	−0.063034735	0.6045501471	0.001473874	9.903439e−01	CCRL2
ENSG00000121807	2045.099844	0.048923608	0.6757221358	0.140802220	0.229158999	0.159167476	0.1740316850	0.338947897	3.845156e−03	CCR2
ENSG00000121858	1464.941874	0.025503817	0.8420892739	0.042222979	0.741172766	0.118985526	0.3519547924	0.390165826	2.229864e−03	TNFSF10
ENSG00000121903	34.663343	−0.059509714	0.6424616387	0.086072831	0.500578186	0.259010072	0.0424103776	0.186962513	1.424955e−01	ZSCAN20
ENSG00000121931	214.872536	0.180146203	0.0721643094	0.132845334	0.187110970	0.235521115	0.0192570951	0.191174149	5.871388e−02	LRIF1
ENSG00000121933	85.090281	−0.081440745	0.5358746559	0.204104631	0.119570257	0.079374390	0.5449156780	0.287581170	2.762682e−02	TMIGD3
ENSG00000121957	150.450902	0.007274486	0.9443743303	0.025913991	0.804384172	0.292164670	0.0050949078	−0.113555240	2.806714e−01	GPSM2
ENSG00000121988	109.062406	0.047973418	0.6627618307	−0.004283306	0.969021485	0.113175038	0.3042762717	0.219305500	4.708086e−02	ZRANB3
ENSG00000122025	8792.430994	−0.178920232	0.0279171283	−0.145580554	0.075761853	−0.051206324	0.5322019233	−0.035102346	6.712826e−01	FLT3
ENSG00000122034	4333.178022	−0.100898605	0.0524338993	−0.076054454	0.148009134	−0.110057186	0.0363770732	−0.091166263	8.703097e−02	GTF3A
ENSG00000122085	738.043397	−0.128179684	0.0568390861	−0.087423703	0.197859342	−0.106127642	0.1182963775	−0.174442202	1.111845e−02	MTERF4
ENSG00000122126	530.111014	0.089796914	0.2191374523	0.073585425	0.318206215	0.158717235	0.0312148071	0.071013753	3.401996e−01	OCRL
ENSG00000122140	907.142907	−0.118804548	0.0441725586	−0.068498816	0.250377924	−0.078943511	0.1856041758	−0.086334305	1.523647e−01	MRPS2
ENSG00000122218	7471.878509	0.086588008	0.1433076289	0.084965663	0.155073763	0.134360608	0.0245466934	0.210340755	5.054942e−04	COPA
ENSG00000122257	4701.319863	0.053656764	0.2857371380	−0.012125289	0.811428673	−0.149860513	0.0032144660	−0.053676493	2.974634e−01	RBBP6
ENSG00000122376	1297.871078	0.027944820	0.6072861814	−0.022206197	0.686357801	0.024202986	0.6598268959	0.126224764	2.312577e−02	FAM35A
ENSG00000122406	34917.189113	−0.187268373	0.0005248335	−0.068915119	0.206651623	−0.075915086	0.1642056382	−0.190319149	5.759196e−04	RPL5

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000122484	5.997138e+02	0.076329637	0.1939235903	−0.008323392	0.8886747716	0.096326828	0.1047082198	0.1257276108	3.617367e−02	RPAP2
ENSG00000122490	3.011570e+03	0.035045289	0.5969389145	−0.013784323	0.8367422527	−0.170217121	0.0109953610	−0.0006400768	9.924518e−01	PQLC1
ENSG00000122591	1.500174e+03	0.148661065	0.0809011799	0.079221471	0.3556438134	0.196993556	0.0215927066	0.2139933178	1.330455e−02	FAM126A
ENSG00000122592	1.462026e+00	0.027425555	0.6890160323	0.023106183	0.7356329231	0.065871796	0.3358339898	0.1346879434	4.968089e−02	HOXA7
ENSG00000122641	4.445196e+01	0.035111543	0.7753270498	0.062859354	0.6080924064	−0.346359646	0.0046568189	−0.3074403243	1.160417e−02	INHBA
ENSG00000122642	7.527588e+01	0.220001102	0.0883528270	0.252417084	0.0496891170	0.272508064	0.0340984181	0.2387335555	6.217155e−02	FKBP9
ENSG00000122692	2.405860e+03	0.094637753	0.1040884251	0.082739266	0.1595314443	0.018853785	0.7487146059	0.2080523465	4.723136e−04	SMU1
ENSG00000122696	3.075850e+02	0.038991918	0.6560017137	0.008603351	0.9222594409	−0.020052279	0.8202512045	0.2051094499	2.056715e−02	SLC25A51
ENSG00000122705	2.815183e+03	−0.032919575	0.5039782939	−0.030279789	0.5431417524	−0.041550450	0.4042355837	0.0997583326	4.792766e−02	CLTA
ENSG00000122741	1.076758e+03	−0.034002071	0.4768682499	−0.099508337	0.0398073906	−0.021037930	0.6635727475	0.0387397168	4.282918e−01	DCAF10
ENSG00000122779	1.051439e+03	−0.062662417	0.4048729853	−0.136863574	0.0711988726	−0.131660716	0.0827029029	−0.1530194031	4.594882e−02	TRIM24
ENSG00000122852	6.897847e−01	0.089796114	0.0422449498	0.027488558	0.5330554041	0.026650879	0.5450334734	0.0212480511	6.296173e−01	SFTPA1
ENSG00000122861	5.991728e+02	0.230277386	0.0713433569	0.086570073	0.4972702711	−0.269180411	0.0348477936	−0.3573402573	5.018631e−03	PLAU
ENSG00000122862	4.207986e+04	−0.013996267	0.8824520145	0.069885221	0.4627055913	−0.177474511	0.0621848885	−0.2138388688	2.558463e−02	SRGN
ENSG00000122863	1.046196e+00	0.076177642	0.1897117171	0.105380719	0.0698619556	0.136640967	0.0187070308	0.0390015626	5.002294e−01	CHST3
ENSG00000122965	1.348086e+03	0.009849589	0.8562137215	−0.041521499	0.4498814153	−0.004815834	0.9301661268	0.1577645643	4.513318e−03	RBM19
ENSG00000122966	2.732101e+01	0.263808771	0.0306104941	−0.045935428	0.7050677261	0.220134023	0.0700515684	0.0804030973	5.058506e−01	CIT
ENSG00000123064	3.053991e+03	−0.031133515	0.5333490337	−0.122316004	0.0155363063	−0.134310033	0.0079087118	0.0252282490	6.221537e−01	DDX54
ENSG00000123094	8.888004e+01	0.014165646	0.9143846810	−0.258380223	0.0492366809	−0.037675230	0.7742903068	−0.0865583238	5.084102e−01	RASSF8
ENSG00000123095	9.301117e+00	0.276950605	0.0044267713	0.278410021	0.0041281184	0.210301102	0.0300563905	0.2221152057	2.153153e−02	BHLHE41
ENSG00000123130	2.106323e+03	0.116054465	0.0526307201	0.111942566	0.0642054102	0.132132887	0.0289404056	0.1180548424	5.381222e−02	ACOT9
ENSG00000123131	5.635413e+02	−0.167376850	0.0195315895	0.038489154	0.5933762335	−0.028996702	0.6879467277	0.0419136786	5.648571e−01	PRDX4
ENSG00000123136	4.437732e+03	0.162904177	0.0252302841	−0.002286941	0.9751537532	0.041647900	0.5705817112	0.0629598384	3.961051e−01	DDX39A
ENSG00000123144	4.256811e+03	−0.108017032	0.0322507353	−0.086229229	0.0908253520	−0.139810331	0.0061320068	−0.1281092251	1.317983e−02	TRIR
ENSG00000123146	1.519344e+04	0.083239288	0.3381936788	−0.042285017	0.6288392798	0.121051267	0.1664223328	0.1890851009	3.200946e−02	ADGRE5
ENSG00000123159	5.706209e+02	−0.181622804	0.0256493873	−0.189902917	0.0205298794	−0.183998429	0.0248494651	−0.1370356726	9.749733e−02	GIPC1
ENSG00000123191	1.934492e+01	0.258605722	0.0431705556	0.147550683	0.2464916595	0.271168255	0.0332784836	0.1905347915	1.327168e−01	ATP7B
ENSG00000123200	1.382599e+03	0.105413103	0.1202002575	0.108814763	0.1118472459	0.144921997	0.0342196290	0.1772754648	1.040399e−02	ZC3H13
ENSG00000123219	5.339191e+01	0.330744591	0.0121258964	0.285381173	0.0299161812	0.282239064	0.0317689437	0.2190976302	9.416460e−02	CENPK
ENSG00000123268	7.575917e+02	0.120938445	0.0516874082	0.150949552	0.0160978508	0.108001278	0.0854749367	0.0739153972	2.448668e−01	ATF1
ENSG00000123338	1.576339e+04	−0.027760998	0.5212931469	0.041235122	0.3462343569	0.047777443	0.2751417381	0.1158321813	9.068684e−03	NCKAP1L
ENSG00000123349	1.030757e+04	−0.121222988	0.0068803287	−0.023032683	0.6115786730	−0.076371471	0.0922904131	−0.1725938015	1.755785e−04	PFDN5
ENSG00000123353	3.741674e+02	−0.004351284	0.9530336960	0.046619781	0.5307254863	0.088440890	0.2343126262	0.1471680342	4.994351e−02	ORMDL2
ENSG00000123358	1.671640e+04	0.086569643	0.5106926098	−0.022586192	0.8633647743	−0.213087416	0.1044632459	−0.3782007309	3.830080e−03	NR4A1
ENSG00000123405	4.473355e+02	−0.004693589	0.9708450117	0.013879184	0.9138016138	−0.072548544	0.5715582237	0.4086631990	1.402549e−03	NFE2
ENSG00000123415	3.239702e+02	−0.160447168	0.0175762412	−0.021574781	0.7505479035	−0.133344470	0.0504535770	−0.0192802750	7.789348e−01	SMUG1
ENSG00000123453	6.035465e+00	0.195962784	0.0310282375	0.125504668	0.1657434329	0.263939159	0.0036134815	0.1892217230	3.624123e−02	SARDH
ENSG00000123454	1.187934e+00	0.075233436	0.2858758720	0.045118408	0.5207139149	0.075044378	0.2851778975	0.1428338406	4.302297e−02	DBH
ENSG00000123472	8.869346e+02	−0.132367227	0.0098769948	−0.075231356	0.1464279679	−0.098028980	0.0587856909	−0.1067213039	4.208899e−02	ATPAF1
ENSG00000123545	2.464192e+02	0.086687796	0.3136620838	0.073581820	0.3953621708	0.160477232	0.0635569669	0.1798686229	3.915984e−02	NDUFAF4
ENSG00000123562	1.869164e+03	0.148676235	0.0057772508	0.188274680	0.0005403864	0.181986145	0.0008288578	0.1738320043	1.613997e−03	MORF4L2
ENSG00000123570	5.824285e+00	0.024321343	0.8085289573	0.054933228	0.5834870349	0.227894871	0.0232908238	0.1007550548	3.129647e−01	RAB9B
ENSG00000123609	1.784680e+03	0.009606345	0.9070803075	0.045530944	0.5827075586	0.064164106	0.4387907066	0.2035607734	1.488550e−02	NMI
ENSG00000123636	2.320219e+03	0.068893773	0.2577678377	0.029264997	0.6341135846	−0.017361527	0.7777706005	−0.1367427134	2.815802e−02	BAZ2B
ENSG00000123689	9.425519e+02	−0.039206361	0.7647767946	−0.038373683	0.7688269070	−0.098618321	0.4500460761	−0.2852162261	2.820338e−02	G0S2
ENSG00000123933	5.020199e+03	−0.057384223	0.4017894964	−0.225242228	0.0011123360	−0.148894791	0.0311262522	−0.1457638472	3.686118e−02	MXD4
ENSG00000123983	1.108588e+03	0.263448315	0.0026848458	0.225927223	0.0105435260	0.117616303	0.1833097692	0.2206095988	1.322085e−02	ACSL3
ENSG00000123989	1.943825e+01	0.159456399	0.2103685270	0.177237015	0.1622262768	0.224050483	0.0772801368	0.3209722162	1.107075e−02	CHPF
ENSG00000124098	9.007278e+02	−0.214023446	0.0241066273	−0.109588318	0.2504603013	−0.068903604	0.4699369487	−0.2250054278	1.909987e−02	FAM210B
ENSG00000124107	1.944465e+00	−0.002185064	0.9752276911	0.140432335	0.0466951025	0.079331574	0.2596527358	0.1460553761	3.821889e−02	SLPI
ENSG00000124151	7.401281e+03	−0.021575709	0.7091606174	−0.002905845	0.9603394047	−0.019289016	0.7413565865	−0.1473307058	1.279236e−02	NCOA3
ENSG00000124171	3.806492e+01	0.250743056	0.0511849370	0.083306764	0.5169302918	0.261700212	0.0415460880	0.1785924526	1.635852e−01	PARD6B
ENSG00000124172	9.568635e+03	−0.158498366	0.0004119077	−0.027597782	0.5429874517	−0.059754154	0.1878957259	−0.1850958309	5.759271e−05	ATP5E
ENSG00000124191	4.648414e+00	0.055716325	0.5370152751	0.171375620	0.0576406592	0.208210681	0.0210777257	0.0580593331	5.178607e−01	TOX2
ENSG00000124198	2.875868e+03	0.154898207	0.0030451831	0.070296845	0.1836137380	0.048458627	0.3595282245	0.0798421732	1.359833e−01	ARFGEF2
ENSG00000124201	2.832123e+03	0.289151673	0.0005784650	0.091300971	0.2806362376	0.052539545	0.5347548823	0.1894659490	2.641960e−02	ZNFX1
ENSG00000124207	1.462000e+03	0.143834388	0.0273541199	0.090925811	0.1671818612	0.112936634	0.0862570839	0.0824678294	2.155258e−01	CSE1L
ENSG00000124214	2.037815e+03	0.075739218	0.1700554213	0.052254908	0.3489300023	0.017168989	0.7584095653	0.1333345335	1.821685e−02	STAU1
ENSG00000124216	9.289101e+02	0.058091164	0.6528391930	0.079628982	0.5367760827	−0.391002767	0.0024244151	−0.2142593052	9.578824e−02	SNAI1
ENSG00000124222	4.501784e+03	−0.001258412	0.9789041819	0.011644227	0.8087793035	−0.102629831	0.0330665469	−0.0379763812	4.363442e−01	STX16
ENSG00000124224	8.461849e+02	0.084086004	0.3047001219	−0.025792063	0.7547831562	−0.007615932	0.9265270330	−0.2014017209	1.573555e−02	PPP4R1L
ENSG00000124225	4.243606e+01	0.329610335	0.0021974984	0.253199539	0.0182556311	0.019090106	0.8586286056	0.0579236401	5.874696e−01	PMEPA1
ENSG00000124243	5.657482e+02	−0.229992871	0.0032548169	−0.107358121	0.1723995073	−0.153582427	0.0511566469	−0.2310159578	3.659225e−03	BCAS4
ENSG00000124256	6.809779e+02	0.184832336	0.1458958079	0.129846167	0.3064234721	0.136698833	0.2816093587	0.4159806723	1.031769e−03	ZBP1
ENSG00000124275	1.064812e+03	0.017416505	0.7522923581	0.057934033	0.2984297860	0.133328233	0.0166542158	0.1191485497	3.460647e−02	MTRR
ENSG00000124380	8.169023e+02	−0.131159199	0.0093124122	−0.026560470	0.6014702536	−0.098308465	0.0538596180	−0.1218207967	1.836236e−02	SNRNP27
ENSG00000124429	1.135204e+00	−0.026424775	0.6316958988	0.027850116	0.6138416931	0.122509647	0.0267191334	0.0104857280	8.490601e−01	POF1B
ENSG00000124449	1.269068e+00	0.054108227	0.3549114804	0.128873727	0.0278066787	0.006322868	0.9135763159	0.0474124552	4.165608e−01	IRGC
ENSG00000124486	4.032170e+03	0.238044626	0.0004965043	0.164930678	0.0168027170	0.120526643	0.0806490438	0.1989668205	4.330628e−03	USP9X
ENSG00000124496	3.130667e+03	−0.008487266	0.9041586330	−0.080621899	0.2569484803	−0.062834348	0.3769839040	−0.1471407767	4.070212e−02	TRERF1
ENSG00000124541	9.694800e+02	−0.122495780	0.0351187759	−0.103644293	0.0774621822	−0.047248546	0.4207689955	−0.0417052891	4.825691e−01	RRP36
ENSG00000124562	1.609722e+03	−0.141821359	0.0008410510	−0.092021319	0.0320571702	−0.078362622	0.0680566097	−0.0308538096	4.779729e−01	SNRPC
ENSG00000124570	3.200321e+03	−0.248003839	0.0002775505	−0.038967954	0.5710962235	−0.131173338	0.0566494001	−0.1248587264	7.270709e−02	SERPINB6
ENSG00000124571	1.162566e+03	0.075711606	0.1653774601	0.065665982	0.2338830133	0.153031546	0.0055022293	0.1163939183	3.706788e−02	XPO5
ENSG00000124575	4.455574e+00	0.228746948	0.0010047956	0.029742720	0.6676281020	0.054162197	0.4341407758	−0.0119712809	8.624605e−01	HIST1H1D
ENSG00000124587	1.178160e+03	0.160855051	0.1672636957	0.073122729	0.5306993409	0.051317617	0.6599659973	0.3111068811	7.731566e−03	PEX6
ENSG00000124596	7.908228e+02	−0.098852328	0.1203364688	−0.069793508	0.2770670985	−0.083417551	0.1942418515	−0.1623414330	1.259180e−02	OARD1
ENSG00000124602	1.088158e+02	−0.056640339	0.6549720028	−0.036312843	0.7742492715	0.299268814	0.0179654197	−0.0954939354	4.501138e−01	UNC5CL
ENSG00000124608	3.975355e+02	0.170454190	0.0329494655	0.120276586	0.1353772678	0.100697225	0.2116381266	0.1188747928	1.439692e−01	AARS2
ENSG00000124614	8.548063e+02	−0.162843012	0.0047258112	−0.073695073	0.2050675087	−0.018633295	0.7485922648	−0.2184527643	2.134176e−04	RPS10
ENSG00000124635	7.874196e+00	−0.204377300	0.0298892752	−0.196790087	0.0361190113	−0.045087946	0.6316568964	−0.1270914029	1.748664e−01	HIST1H2BJ
ENSG00000124641	2.627735e+02	−0.064041721	0.4204050556	0.125670623	0.1148899745	0.174311672	0.0287231397	0.3118242971	9.979530e−05	MED20
ENSG00000124702	2.892592e+03	−0.109885385	0.0498904032	−0.027902521	0.6220357092	−0.053914602	0.3409962333	−0.0521586885	3.628070e−01	KLHDC3
ENSG00000124721	4.783983e+00	0.015466888	0.8586147390	0.065417664	0.4508727961	0.259368805	0.0028764577	0.0651297339	4.512224e−01	DNAH8
ENSG00000124733	8.207530e+02	−0.105832568	0.0463736572	−0.036468886	0.4963183253	−0.067156501	0.2109811187	−0.0836427295	1.239667e−01	MEA1
ENSG00000124782	4.750706e+03	−0.050854023	0.3003922815	−0.180003179	0.0002907709	−0.160262737	0.0012565590	−0.1722518269	6.227397e−04	RREB1
ENSG00000124783	1.424915e+04	−0.013569856	0.8096891548	0.022750357	0.6894336160	−0.025480610	0.6544847073	−0.1240881757	3.138800e−02	SSR1
ENSG00000124789	2.007822e+03	0.218448543	0.0016605531	0.044995465	0.5210951718	0.046891891	0.5037573088	−0.0132090669	8.522290e−01	NUP153
ENSG00000124831	1.441057e+04	0.109454752	0.0413805660	0.057209430	0.2914986962	0.062267628	0.2509455215	0.1614608879	3.290915e−03	LRRFIP1
ENSG00000124920	4.312802e+01	0.164515412	0.2075389305	0.159283590	0.2213329291	0.158267071	0.2243648527	0.2751722608	3.402989e−02	MYRF
ENSG00000124942	1.253373e+05	0.028144141	0.7333997155	−0.076805190	0.3560549134	0.074812209	0.3686714096	0.1883192412	2.488639e−02	AHNAK
ENSG00000125037	1.331273e+03	−0.018979030	0.6292396712	−0.022539500	0.5709176020	−0.129449418	0.0011863978	−0.1111751382	5.984433e−03	EMC3
ENSG00000125107	6.784317e+03	0.032830843	0.5300838479	0.006804603	0.8975621189	0.118112186	0.0254119853	0.0468641886	3.814310e−01	CNOT1
ENSG00000125122	1.061247e+02	−0.309256832	0.0020442273	−0.071639819	0.4743130989	−0.062130512	0.5352173202	−0.1742645017	8.399433e−02	LRRC29
ENSG00000125148	8.121110e+02	0.021362318	0.8711891226	0.050602229	0.6999647896	0.089861669	0.4937519725	0.4461230333	6.453935e−04	MT2A
ENSG00000125166	1.521943e+03	−0.086631946	0.1023156244	−0.144251336	0.0071384206	−0.069837760	0.1925651005	0.0115917712	8.307676e−01	GOT2
ENSG00000125257	6.423877e+02	−0.176165125	0.0454951053	−0.136625945	0.1231689840	−0.076720898	0.3866040502	−0.1535274442	8.557312e−02	ABCC4
ENSG00000125266	6.167507e+00	0.163799968	0.1123776642	0.228721136	0.0263864902	0.032098685	0.7541839822	0.2038743323	4.682235e−02	EFNB2
ENSG00000125351	4.532838e+02	0.054939951	0.4428856576	0.031365958	0.6639522982	0.086979332	0.2281517161	0.1851364812	1.104698e−02	UPF3B
ENSG00000125356	2.006383e+03	−0.101745807	0.0354337830	0.056046130	0.2510506506	0.017654032	0.7179149490	−0.0245980856	6.194106e−01	NDUFA1
ENSG00000125386	1.890960e+03	−0.038870196	0.4354597376	−0.089900795	0.0745196869	−0.139984743	0.0055334796	−0.1421293972	5.434310e−03	FAM193A
ENSG00000125430	1.427944e+02	0.251609253	0.0493046155	0.109516252	0.3903034982	−0.058615018	0.6456074972	−0.1044031210	4.104464e−01	HS3ST3B1
ENSG00000125445	1.155279e+03	−0.066712137	0.1696772890	0.061720742	0.2077325080	0.040784776	0.4056647205	0.1427359877	3.995554e−03	MRPS7
ENSG00000125457	2.181726e+03	−0.167377064	0.0110312889	−0.066945993	0.3136506924	−0.144603282	0.0296173633	−0.1096703521	1.026790e−01	MIF4GD
ENSG00000125484	9.693027e+02	−0.115999338	0.0695305168	−0.144051735	0.0256242022	−0.106706471	0.0982884379	−0.1188876048	6.856050e−02	GTF3C4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000125531	3.840881	0.2317893285	1.131101e−02	0.310928464	0.0006747813	0.027223549	7.639659e−01	0.2072915659	2.269961e−02	FNDC11
ENSG00000125538	4670.929534	0.0508512844	6.996513e−01	0.095806949	0.4659806513	−0.023617646	8.573754e−01	−0.2847364200	2.964119e−02	IL1B
ENSG00000125551	4.542502	0.1730086117	5.534331e−02	0.212669447	0.0183282999	0.187626615	3.716114e−02	0.0812851257	3.645117e−01	PLGLB2
ENSG00000125630	663.611313	0.0398426294	6.510519e−01	0.131394734	0.1380099643	0.195715065	2.712868e−02	0.2267135582	1.106805e−02	POLR1B
ENSG00000125633	1074.087512	0.1570129925	2.081315e−02	0.071741553	0.2956375201	0.117784092	8.595569e−02	0.0334539869	6.296776e−01	CCDC93
ENSG00000125651	2699.452898	0.0847422313	4.213778e−02	0.002701286	0.9489776450	−0.069838262	9.848324e−02	0.0334697522	4.343901e−01	GTF2F1
ENSG00000125652	1819.082823	−0.1807485417	2.171644e−02	−0.184400902	0.0201439687	−0.170493574	3.169673e−02	−0.2455055418	2.181274e−03	ALKBH7
ENSG00000125657	1120.348644	−0.2135832143	8.900568e−02	−0.248519833	0.0476641134	−0.274232172	2.887581e−02	−0.3727583049	2.947976e−03	TNFSF9
ENSG00000125691	29332.082931	−0.1757638897	3.714115e−04	−0.061198821	0.2202023647	−0.060704229	2.239663e−01	−0.1972171679	9.699228e−05	RPL23
ENSG00000125703	909.302201	0.0338109119	6.447154e−01	0.223710496	0.0024425884	0.131982977	7.410462e−02	0.0592510664	4.275903e−01	ATG4C
ENSG00000125733	642.624443	−0.0414210456	6.529417e−01	−0.118066777	0.2027439608	−0.053265132	5.654693e−01	−0.3535796437	1.543532e−04	TRIP10
ENSG00000125734	2029.767527	−0.0795634308	1.326737e−01	−0.083195915	0.1198089026	−0.120456617	2.440319e−02	−0.0841930944	1.201808e−01	GPR108
ENSG00000125741	776.926845	0.2663400168	8.477348e−04	0.188458733	0.0191630909	0.161433317	4.491566e−02	0.1659765791	4.103621e−02	OPA3
ENSG00000125743	3047.200356	−0.1486038038	1.015949e−03	−0.036334148	0.4265378571	−0.112101103	1.425271e−02	−0.1215768606	8.726462e−03	SNRPD2
ENSG00000125755	5687.892211	0.0733954296	1.907453e−01	−0.005473321	0.9230821297	−0.018154315	7.488133e−01	0.1160096324	4.325419e−02	SYMPK
ENSG00000125779	1456.981062	−0.0180389933	7.350564e−01	0.024812627	0.6448733721	0.079263118	1.408655e−01	0.1395056816	1.044343e−02	PANK2
ENSG00000125810	6994.014830	0.0200134543	8.474022e−01	0.182800832	0.0799017736	−0.019269425	8.535511e−01	0.2629057232	1.216860e−02	CD93
ENSG00000125812	2328.274043	0.1596937379	1.097994e−01	0.102750378	0.3057018922	−0.081823892	4.148040e−01	−0.2684885198	7.795661e−03	GZF1
ENSG00000125817	3439.529944	−0.0837572441	2.061807e−01	−0.156588777	0.0192279534	−0.125521406	6.057856e−02	−0.0649806822	3.366139e−01	CENPB
ENSG00000125818	4070.270286	−0.0602277656	3.436455e−02	0.002705678	0.9251107364	−0.013237994	6.458986e−01	0.0130526838	6.551589e−01	PSMF1
ENSG00000125826	4071.643201	−0.0620735958	3.416652e−01	−0.019033334	0.7726474713	−0.157327299	1.698683e−02	0.1361379933	4.101851e−02	RBCK1
ENSG00000125843	229.112792	0.0593018769	5.032554e−01	−0.042279071	0.6358485008	0.032558177	7.151971e−01	0.2408340132	7.172402e−03	AP5S1
ENSG00000125885	134.871496	0.4276669125	6.777150e−04	0.232255764	0.0648714925	0.172602944	1.702159e−01	0.1843404193	1.425544e−01	MCM8
ENSG00000125898	1837.355833	−0.0729166413	4.449227e−01	−0.154558845	0.1072448825	−0.037277866	6.976204e−01	−0.2660918655	5.873341e−03	FAM110A
ENSG00000125900	21.550113	−0.2643588534	4.493074e−02	0.216923474	0.0988939933	0.064066450	6.259879e−01	−0.0045067159	9.725348e−01	SIRPD
ENSG00000125931	10.969366	0.0571823786	6.439135e−01	0.060400880	0.6240060557	0.015200720	9.017086e−01	0.2699272301	2.817091e−02	CITED1
ENSG00000125945	146.868287	0.2698665811	2.401023e−02	0.063758730	0.5945535189	0.236178410	4.848142e−02	0.0846847505	4.798537e−01	ZNF436
ENSG00000125967	318.826192	−0.0172758920	8.362740e−01	−0.018445038	0.8266011410	−0.174591985	3.873590e−02	−0.2298110821	6.965482e−03	NECAB3
ENSG00000125970	6254.584863	−0.0326325317	4.232834e−01	−0.067598657	0.1011216515	−0.118984212	3.923054e−03	0.0009755318	9.813882e−01	RALY
ENSG00000125977	1477.529147	−0.1013974350	1.260240e−02	0.010006540	0.8072324731	−0.022303537	5.871328e−01	0.0119025953	7.748093e−01	EIF2S2
ENSG00000125991	4942.142246	−0.1149143567	1.412942e−02	−0.059131646	0.2116875998	−0.077243869	1.028815e−01	−0.1453257366	2.469013e−03	ERGIC3
ENSG00000126005	715.629459	−0.1244416202	6.176960e−02	−0.124857330	0.0632530895	−0.204179781	2.427502e−03	−0.0732727360	2.809110e−01	MMP24−AS1
ENSG00000126012	5100.788809	0.1231516094	5.120164e−02	0.069275891	0.2772350748	0.096179229	1.314336e−01	0.1792486012	5.475833e−03	KDM5C
ENSG00000126067	3435.284076	−0.0908605078	2.391542e−02	−0.083748712	0.0396016598	−0.090507116	2.622012e−02	−0.0328725455	4.256897e−01	PSMB2
ENSG00000126107	1271.877258	0.0412986028	5.037861e−01	−0.004495041	0.9425765368	0.033102447	5.958016e−01	0.1617702770	1.030076e−02	HECTD3
ENSG00000126226	759.946186	−0.0026235452	9.584663e−01	0.158055378	0.0018259084	0.160520598	1.562328e−03	0.1098722653	3.271356e−02	PCID2
ENSG00000126231	1.386855	0.0103805905	8.769907e−01	0.162726811	0.0158327317	0.054406496	4.171257e−01	−0.0147344420	8.252964e−01	PROZ
ENSG00000126267	3690.278478	−0.1099189252	6.158829e−03	−0.020149327	0.6193766053	−0.079552949	5.006044e−02	−0.0752169140	6.771517e−02	COX6B1
ENSG00000126353	364.821827	0.3044978747	1.553073e−02	0.121448005	0.3325988660	0.098746670	4.308118e−01	−0.0135126035	9.137313e−01	CCR7
ENSG00000126391	2085.110035	−0.0327465108	5.381055e−01	−0.135230182	0.0119567247	−0.052768286	3.265282e−01	0.0331728898	5.421677e−01	FRMD8
ENSG00000126457	2879.515135	−0.1147997572	2.349709e−03	−0.067634450	0.0763595835	−0.090002168	1.845448e−02	−0.1322146633	6.452682e−04	PRMT1
ENSG00000126464	2536.787916	−0.0214713370	7.773745e−01	−0.199418278	0.0092168262	−0.113329088	1.388763e−01	−0.1097536862	1.558342e−01	PRR12
ENSG00000126522	789.130808	−0.1315453020	2.209195e−02	−0.096261375	0.0970549365	−0.197490311	6.858803e−04	−0.0637350583	2.777482e−01	ASL
ENSG00000126524	1774.788390	−0.0947212024	1.845557e−01	−0.070734776	0.3258461035	−0.156414601	2.990374e−02	−0.2642605943	2.852429e−04	SBDS
ENSG00000126653	804.793420	−0.0168692501	7.741021e−01	−0.068645704	0.2477902028	−0.138513161	1.993165e−02	−0.1048701443	8.154924e−02	NSRP1
ENSG00000126698	3159.410575	−0.0865712866	2.645779e−02	−0.015182906	0.7001870501	−0.043967060	2.651788e−01	0.0182179755	6.487464e−01	DNAJC8
ENSG00000126705	836.784692	−0.0976234663	3.280150e−01	−0.210918130	0.0354591232	−0.110689043	2.696321e−01	0.0112210070	9.113313e−01	AHDC1
ENSG00000126709	2273.872895	0.1689905431	1.737906e−01	0.089140502	0.4713951273	−0.029209346	8.134330e−01	0.4665229502	1.521715e−04	IFI6
ENSG00000126756	2275.638041	−0.0886419521	8.068915e−02	−0.027241750	0.5952235292	−0.045437564	3.757735e−01	−0.1474211171	4.588921e−03	UXT
ENSG00000126777	6163.991595	−0.0664391652	1.965768e−01	−0.045988132	0.3764948998	−0.116829952	2.470956e−02	0.0044929133	9.320391e−01	KTN1
ENSG00000126787	8.471466	0.2078713695	3.102517e−02	0.219914119	0.0221940188	0.179725999	6.134678e−02	0.0773777431	4.184190e−01	DLGAP5
ENSG00000126803	10.046625	0.2317667544	4.157936e−02	0.204705740	0.0709382626	0.011968799	9.156379e−01	−0.0154840623	8.904395e−01	HSPA2
ENSG00000126822	538.486770	−0.2877855018	2.088217e−02	−0.246735672	0.0475132652	0.038650397	7.561773e−01	−0.1154564151	3.533708e−01	PLEKHG3
ENSG00000126890	6.392756	−0.0280580585	4.794517e−01	−0.033684113	0.3956615384	−0.025909873	5.134830e−01	0.0803472685	4.270072e−02	CTAG2
ENSG00000126953	135.182775	−0.0339323373	7.195780e−01	0.248630311	0.0083743093	0.098930021	2.962825e−01	0.1582877986	9.646659e−02	TIMM8A
ENSG00000127074	22.442436	0.2706356643	3.223051e−02	0.270034069	0.0320004259	0.069551647	5.802018e−01	−0.1195295573	3.387387e−01	RGS13
ENSG00000127080	133.973484	0.2084027480	8.498584e−03	0.205720808	0.0099546927	0.069808245	3.855167e−01	0.1505897849	6.205101e−02	IPPK
ENSG00000127124	1876.332884	0.0081376307	9.400486e−01	−0.234950056	0.0304165830	−0.048223786	6.567857e−01	−0.1052619741	3.338670e−01	HIVEP3
ENSG00000127184	5394.403315	−0.1680597154	6.990685e−05	−0.009624276	0.8217439940	−0.042380554	3.213275e−01	−0.1323657125	2.260913e−03	COX7C
ENSG00000127191	320.923001	−0.0590677104	3.855088e−01	−0.077137583	0.2610637495	−0.058430586	3.948707e−01	−0.1813650649	9.330611e−03	TRAF2
ENSG00000127220	663.383620	−0.0555045293	4.397803e−01	−0.105498423	0.1456526722	−0.148294938	4.103097e−02	−0.1384286481	5.893669e−02	ABHD8
ENSG00000127328	178.948810	0.0286251754	7.728903e−01	0.291807746	0.0032799659	0.139669448	1.605005e−01	0.1516832525	1.293173e−01	RAB3IP
ENSG00000127334	2925.889966	−0.1160681243	1.718482e−01	−0.188557701	0.0275050844	0.016537644	8.466604e−01	−0.2032712270	1.844567e−02	DYRK2
ENSG00000127337	323.802908	0.0832714900	4.019644e−01	0.125252183	0.2092217475	0.206725744	3.815350e−02	0.0974182060	3.317388e−01	YEATS4
ENSG00000127364	4.756565	−0.0124978763	9.010539e−01	−0.216827184	0.0296959801	−0.150511672	1.315256e−01	−0.1407703064	1.575370e−01	TAS2R4
ENSG00000127415	1363.760370	0.1654108142	4.741331e−02	0.050196455	0.5503382748	0.049691968	5.544119e−01	−0.0291601184	7.309806e−01	IDUA
ENSG00000127419	1337.526891	0.1689843668	4.464427e−03	0.105317023	0.0795279002	0.015873587	7.918236e−01	−0.0431049773	4.789946e−01	TMEM175
ENSG00000127423	84.372533	−0.3059952560	1.181301e−02	−0.391248492	0.0012973716	−0.225839467	6.305996e−02	−0.4551963978	1.843773e−04	AUNIP
ENSG00000127445	1368.164995	−0.0603420921	1.965374e−01	−0.120281682	0.0109673953	−0.215987874	5.197318e−06	−0.1146261681	1.682042e−02	PIN1
ENSG00000127452	1043.087372	−0.0299851599	6.122523e−01	−0.100527510	0.0927452987	−0.199142188	8.870611e−04	−0.1965871883	1.183874e−03	FBXL12
ENSG00000127483	7252.062589	−0.1022467807	1.616965e−02	−0.037016855	0.3892451303	−0.102271854	1.741763e−02	−0.1437109384	9.862097e−04	HP1BP3
ENSG00000127507	4201.347871	−0.0209528117	8.175697e−01	−0.024829245	0.7858220844	−0.099293647	2.772178e−01	−0.1822104302	4.776794e−02	ADGRE2
ENSG00000127511	2849.320337	0.0109086170	8.532695e−01	−0.039964840	0.5024887348	−0.002178981	9.708348e−01	−0.2119206502	4.476445e−04	SIN3B
ENSG00000127528	5088.293595	0.1469168401	2.494197e−01	0.018602577	0.8839025968	0.293417104	2.126420e−02	0.1515492427	2.334349e−01	KLF2
ENSG00000127533	4.574545	−0.0751892632	2.925069e−01	−0.136392933	0.0556533995	−0.149389805	3.593379e−02	−0.1476245251	3.790397e−02	F2RL3
ENSG00000127540	1239.532764	−0.1911504572	2.575536e−05	−0.085298137	0.0628228162	−0.084270551	6.627137e−02	−0.1219555948	8.718928e−03	UQCR11
ENSG00000127554	552.618647	0.0207346838	7.599771e−01	−0.039222242	0.5671756772	−0.161659077	1.868239e−02	−0.1386111916	4.589993e−02	GFER
ENSG00000127561	12.159005	−0.0810017094	5.207328e−01	0.276416189	0.0284886027	0.051819525	6.805263e−01	−0.0576594815	6.447003e−01	SYNGR3
ENSG00000127586	388.487222	0.4707566232	5.627727e−05	0.054265244	0.6431580188	0.130619430	2.647333e−01	−0.0498768403	6.708314e−01	CHTF18
ENSG00000127616	3657.046089	−0.0183602726	7.004738e−01	−0.056942464	0.2381056213	−0.080291541	9.635018e−02	0.1084330507	2.654852e−02	SMARCA4
ENSG00000127804	962.366806	0.0064137867	9.159330e−01	−0.077165268	0.2089144337	−0.125798700	4.074662e−02	−0.1323305872	3.346003e−02	METTL16
ENSG00000127838	654.965707	−0.0804645712	3.591606e−01	−0.078174519	0.3759780972	−0.173342935	4.984466e−02	0.0240290323	7.870570e−01	PNKD
ENSG00000127884	2541.180218	−0.0438838976	3.166237e−01	−0.032915377	0.4576509392	−0.089917269	4.268441e−02	0.0124915010	7.809422e−01	ECHS1
ENSG00000127903	6.999880	0.1015529699	3.744173e−01	0.145856141	0.2010418017	0.330701116	3.842762e−03	0.1665202773	1.425298e−01	ZNF835
ENSG00000127920	52.368792	−0.2667332444	3.796867e−03	−0.316542301	0.0005730503	−0.277174944	2.563574e−03	−0.2627090753	4.148207e−03	GNG11
ENSG00000127922	1251.713184	−0.1139056475	2.560895e−02	0.010950537	0.8315692171	0.024489107	6.344605e−01	−0.0363442321	4.862743e−01	SEM1
ENSG00000127952	759.574422	−0.1990900973	7.827005e−03	0.048024217	0.5236395428	−0.100793785	1.814978e−01	−0.0793596935	2.972633e−01	STYXL1
ENSG00000127954	95.414743	−0.1743462876	1.388724e−01	0.254790560	0.0300572530	−0.089493314	4.458232e−01	0.0162665379	8.892998e−01	STEAP4
ENSG00000127990	1.167595	−0.0070148569	8.961809e−01	0.019387937	0.7182181930	−0.010385163	8.463895e−01	0.1362854878	1.153973e−02	SGCE
ENSG00000128011	348.760037	0.0003505338	9.975831e−01	−0.263872722	0.0229197116	−0.036037238	7.558986e−01	−0.1154885752	3.199663e−01	LRFN1
ENSG00000128016	68296.292099	−0.0250420514	8.158640e−01	−0.176557067	0.1016725726	−0.210206008	5.132623e−02	−0.2369162487	2.866700e−02	ZFP36
ENSG00000128050	1330.400575	0.0370579409	4.996774e−01	0.030142411	0.5868136915	0.092717077	9.449882e−02	0.1790627044	1.415268e−03	PAICS
ENSG00000128185	799.137991	−0.0432916550	5.978196e−01	−0.118108023	0.1532048140	−0.258399547	1.803225e−03	−0.1327863762	1.115260e−01	DGCR6L
ENSG00000128218	15.833229	0.1471035193	1.479600e−01	0.183865258	0.0697770074	0.136384313	1.783068e−01	0.2184299605	3.068928e−02	VPREB3
ENSG00000128253	2.291731	0.1108549702	1.859776e−01	0.063279311	0.4485532279	0.206761541	1.364129e−02	0.1366316869	1.019210e−01	RFPL2
ENSG00000128266	95.727838	−0.3359539756	1.081812e−02	−0.256844289	0.0506643365	−0.220195040	9.384618e−02	−0.3690687467	4.819552e−03	GNAZ
ENSG00000128272	15382.208824	−0.0166157615	7.858104e−01	−0.042184207	0.4944830154	−0.195677702	1.531720e−03	−0.2043053395	1.080044e−03	ATF4
ENSG00000128294	1056.576273	−0.1255537352	1.300989e−01	−0.182583685	0.0288702402	−0.152345043	6.826500e−02	−0.0846271507	3.151330e−01	TPST2
ENSG00000128298	19.978427	0.1182791059	3.331151e−01	0.269526302	0.0270066453	0.141738071	2.442982e−01	0.2223313946	6.670180e−02	BAIAP2L2
ENSG00000128309	1846.973582	−0.1533177540	4.262339e−02	−0.122160916	0.1090524623	−0.177135950	2.019189e−02	−0.2381105387	1.989999e−03	MPST
ENSG00000128335	740.279427	0.2562791238	1.340845e−02	0.159576741	0.1251196776	0.168843862	1.046853e−01	0.2230501374	3.287130e−02	APOL2
ENSG00000128340	11635.483744	−0.0334045193	5.003287e−01	0.022730271	0.6500667017	0.031631989	5.278425e−01	0.1126681164	2.647449e−02	RAC2
ENSG00000128342	21.143194	−0.0510998172	6.455228e−01	0.014602228	0.8951486606	−0.142798000	1.968906e−01	−0.2471894599	2.471595e−02	LIF
ENSG00000128383	365.599103	0.2886995178	2.471939e−02	0.079125305	0.5366563749	0.209443392	1.019525e−01	0.3949183001	1.944494e−03	APOBEC3A
ENSG00000128394	196.399309	0.2432970009	1.740188e−02	0.181170321	0.0777997681	0.204281903	4.679093e−02	0.3799633866	2.294452e−04	APOBEC3F

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000128482	4.228931	0.228595334	0.0160626715	0.06718694	0.4764029033	0.052796795	5.752172e−01	0.2238332129	1.769505e−02	RNF112
ENSG00000128512	117.869957	0.357382969	0.0063547249	0.29698334	0.0230206607	0.357705864	6.182961e−03	0.2966152979	2.277199e−02	DOCK4
ENSG00000128524	2909.195521	−0.036193584	0.4901286582	0.04356292	0.4109331673	−0.126419607	1.716994e−02	−0.0267240610	6.187590e−01	ATP6V1F
ENSG00000128563	1029.886002	0.047705998	0.4163468181	−0.04445092	0.4540057201	−0.079632844	1.802389e−01	−0.1656545363	5.913413e−03	PRKRIP1
ENSG00000128564	3.101134	0.184344655	0.0091186496	0.10497904	0.1363845243	0.007863814	9.109142e−01	0.1212617385	8.490400e−02	VGF
ENSG00000128578	6.178613	0.023140803	0.8178272624	0.09226334	0.3579839025	0.262713912	9.026051e−03	0.0811718907	4.164393e−01	STRIP2
ENSG00000128591	2.373065	−0.022998783	0.7184347421	0.04844369	0.4478329051	0.085650204	1.795748e−01	0.1426067735	2.549756e−02	FLNC
ENSG00000128604	6897.469122	−0.089999140	0.0939360488	−0.13782993	0.0111509572	−0.047187582	3.848463e−01	0.0006437748	9.906600e−01	IRF5
ENSG00000128654	365.887935	0.044760850	0.4982904649	0.13553055	0.0416312375	−0.012366033	8.532846e−01	0.0333823037	6.209246e−01	MTX2
ENSG00000128739	280.284601	−0.343951020	0.0021047542	−0.12938477	0.2479395447	−0.234289652	3.656776e−02	−0.3055300636	6.543680e−03	SNRPN
ENSG00000128881	1762.669364	−0.081171181	0.2173186361	−0.11584014	0.0811617042	−0.035740401	5.904388e−01	−0.2764088453	3.951125e−05	TTBK2
ENSG00000128886	3.176575	0.240076526	0.0131128559	0.18946700	0.0493160443	0.058588395	5.408377e−01	0.0879499254	3.580760e−01	ELL3
ENSG00000128928	1897.819437	−0.152679706	0.0139151160	0.01835481	0.7694269605	−0.103321812	9.927891e−02	−0.0191942770	7.619920e−01	IVD
ENSG00000128944	159.740219	−0.066920483	0.5719687631	−0.10368872	0.3817361027	0.264424615	2.542627e−02	−0.0939462427	4.284944e−01	KNSTRN
ENSG00000129028	4.479346	0.069859388	0.4573711409	0.18129284	0.0538387276	0.133081546	1.560956e−01	0.2324188702	1.323860e−02	THAP10
ENSG00000129083	3601.848975	0.101959107	0.0306583845	0.14954439	0.0017119290	0.106808865	2.517278e−02	0.1729254446	3.461995e−04	COPB1
ENSG00000129103	2683.007718	−0.167340089	0.0014768750	−0.04846143	0.3619389509	−0.149558477	4.940070e−03	−0.1606107029	2.882211e−03	SUMF2
ENSG00000129173	6.959346	0.202121983	0.0336404696	0.15078902	0.1119515021	0.094650283	3.177017e−01	0.0653952889	4.882379e−01	E2F8
ENSG00000129197	823.006180	−0.035787471	0.5027262505	0.02006925	0.7096822587	0.111243669	3.885587e−02	−0.1428251886	9.135335e−03	RPAIN
ENSG00000129204	19.628694	0.003970432	0.9702910741	0.14378705	0.1766274719	0.520139083	1.074473e−06	0.1075971713	3.096470e−01	USP6
ENSG00000129250	2041.682827	−0.066757768	0.1830849058	−0.09692032	0.0559638734	−0.072447358	1.531532e−01	−0.1188998928	2.069915e−02	KIF1C
ENSG00000129315	2105.721651	0.056951542	0.3713236285	−0.01855533	0.7730369168	−0.133042477	3.881252e−02	−0.2398821995	2.325254e−04	CCNT1
ENSG00000129317	782.657556	0.039091569	0.5084530869	0.04310635	0.4702726219	0.121942494	4.096175e−02	0.1065948148	7.748794e−02	PUS7L
ENSG00000129351	12746.451410	0.078888476	0.0306366662	0.01231221	0.7388960985	0.003846332	9.170809e−01	−0.0105223661	7.789239e−01	ILF3
ENSG00000129355	2785.957480	−0.179348686	0.0837201943	−0.27297477	0.0087330831	−0.258064509	1.317357e−02	−0.0493389352	6.370379e−01	CDKN2D
ENSG00000129450	1390.941180	0.077011791	0.3635086046	0.05651507	0.5077559265	−0.001935119	9.819128e−01	0.2264694470	8.463448e−03	SIGLEC9
ENSG00000129465	586.076773	0.106168660	0.2440692507	0.23287036	0.0109885636	0.208853996	2.261366e−02	0.2691663910	3.533219e−03	RIPK3
ENSG00000129467	322.561223	0.249330201	0.0140819251	0.34448789	0.0007252229	0.278674854	6.294316e−03	0.2904661195	4.577714e−03	ADCY4
ENSG00000129484	283.898829	−0.020958078	0.8184490560	0.01072481	0.9070231179	−0.059715077	5.161034e−01	−0.2054093616	2.667662e−02	PARP2
ENSG00000129518	1106.087179	−0.045673219	0.4104290253	−0.08481036	0.1305864083	−0.083675736	1.360305e−01	−0.1165291791	4.032911e−02	EAPP
ENSG00000129521	61.104471	0.092520953	0.3730593788	−0.07574198	0.4643700149	−0.082687794	4.243797e−01	−0.2093855525	4.224826e−02	EGLN3
ENSG00000129538	33.179045	0.196283501	0.0995619374	0.24148293	0.0419826127	0.089707538	4.495660e−01	0.1935589904	1.015080e−01	RNASE1
ENSG00000129559	1338.764806	−0.118549460	0.0042774927	−0.03801022	0.3643445761	−0.056396651	1.789110e−01	−0.0803138306	5.898411e−02	NEDD8
ENSG00000129562	1586.829680	−0.134923082	0.0040452621	0.01455241	0.7586696048	−0.036166851	4.457379e−01	−0.0552624489	2.500363e−01	DAD1
ENSG00000129646	68.538882	0.088996765	0.4874998400	0.25748070	0.0440728184	0.217683052	8.883216e−02	0.1553700229	2.238310e−01	QRICH2
ENSG00000129667	2005.659921	0.034491293	0.7138037081	0.15102541	0.1101118432	0.057292130	5.445430e−01	0.2540000104	7.602426e−03	RHBDF2
ENSG00000129675	9413.536441	−0.094021892	0.0255292806	−0.05826773	0.1712233943	−0.030296294	4.768289e−01	−0.0821752428	5.709330e−02	ARHGEF6
ENSG00000129691	1457.594093	0.040111324	0.4457917185	0.08085216	0.1281096656	0.091721458	8.442816e−02	0.1195798090	2.629628e−02	ASH2L
ENSG00000129749	17.228140	0.327515867	0.0128472054	0.24354231	0.0633577861	0.192562467	1.420090e−01	0.1437015268	2.710543e−01	CHRNA10
ENSG00000129757	78.431581	0.260985720	0.0410639525	−0.08626342	0.4995054536	0.016859003	8.949773e−01	−0.1314757439	3.027436e−01	CDKN1C
ENSG00000129824	1288.273914	0.005557288	0.9440064968	−0.21972117	0.0053979922	−0.219719232	5.398123e−03	0.1333277088	9.062011e−02	RPS4Y1
ENSG00000130023	654.859757	0.122452775	0.0506285644	0.13530879	0.0324180774	0.110587243	8.074100e−02	0.0775406631	2.259423e−01	ERMARD
ENSG00000130035	4.092346	0.033399203	0.7228856731	0.07796359	0.4073658290	0.201964710	3.221821e−02	0.1162204129	2.154989e−01	GALNT8
ENSG00000130150	462.840146	0.213541153	0.0887800053	0.45178594	0.0003133306	0.276955515	2.718333e−02	0.2022809842	1.063354e−01	MOSPD2
ENSG00000130158	4.510271	0.040460022	0.6895484155	0.10384726	0.3047842562	0.265488122	8.918667e−03	0.1885430255	6.200301e−02	DOCK6
ENSG00000130159	1320.302889	−0.052744372	0.3728437306	−0.01913762	0.7487556754	−0.128936143	3.120474e−02	0.0454320195	4.524111e−01	ECSIT
ENSG00000130175	8752.517536	−0.065608969	0.1384696381	−0.12926414	0.0039100948	−0.133269736	2.936369e−03	−0.0596767714	1.888587e−01	PRKCSH
ENSG00000130203	29.008313	−0.144597363	0.2728043844	−0.34425948	0.0088177314	−0.239329432	6.864531e−02	−0.0888288912	4.974566e−01	APOE
ENSG00000130204	1817.819395	−0.040467463	0.4985210755	−0.07845113	0.1939811473	−0.149998523	1.308603e−02	−0.0365425679	5.499829e−01	TOMM40
ENSG00000130208	56.273332	−0.091724847	0.4675578411	−0.27437202	0.0298431933	−0.157226187	2.129484e−01	−0.2490621872	4.827036e−02	APOC1
ENSG00000130222	49.044804	0.114814886	0.3581742754	0.06134911	0.6221212698	−0.250022968	4.436257e−02	−0.1339248396	2.792374e−01	GADD45G
ENSG00000130227	2715.040479	0.041355613	0.3029530076	0.02798743	0.4908838531	0.058389400	1.506961e−01	0.1040893888	1.145369e−02	XPO7
ENSG00000130254	2103.128623	0.144388076	0.0131291749	0.04659543	0.4284297280	0.040502140	4.913808e−01	0.0822703391	1.672049e−01	SAFB2
ENSG00000130255	12529.930272	−0.148717834	0.0039281069	−0.12074075	0.0205358882	−0.120520955	2.077466e−02	−0.1480342352	5.066296e−03	RPL36
ENSG00000130303	3620.645061	0.041886849	0.6572980825	0.10051215	0.2895973342	−0.055700033	5.573693e−01	0.2204166089	2.104418e−02	BST2
ENSG00000130304	1422.810509	−0.055571563	0.4726604790	−0.05754757	0.4606588999	−0.024993354	7.486611e−01	−0.1772815007	2.442087e−02	SLC27A1
ENSG00000130312	962.111647	−0.196098864	0.0161667673	−0.25970505	0.0015741896	−0.202695871	1.362139e−02	−0.2470253830	2.877253e−03	MRPL34
ENSG00000130313	4193.273268	−0.115717119	0.0363128724	−0.12761873	0.0223244430	−0.178207294	1.425830e−03	−0.0657601074	2.449782e−01	PGLS
ENSG00000130332	1459.661435	−0.061886175	0.2656820451	−0.05382790	0.3379058506	−0.164173440	3.522524e−03	−0.1322786141	2.017803e−02	LSM7
ENSG00000130348	842.502922	0.185286501	0.0176377547	0.22278603	0.0046145055	0.103048165	1.906252e−01	0.2649097505	8.493995e−04	QRSL1
ENSG00000130349	194.220418	−0.214533048	0.0224012593	−0.12997918	0.1681215142	−0.079851885	3.970595e−01	−0.1321369540	1.639486e−01	C6orf203
ENSG00000130363	539.379718	−0.149627750	0.0737847925	−0.16471041	0.0506452140	−0.257565384	2.271491e−03	−0.0009957185	9.906408e−01	RSPH3
ENSG00000130429	24721.370202	−0.053867770	0.3378286985	−0.04956667	0.3827277640	−0.134172797	1.814584e−02	−0.0272554374	6.355266e−01	ARPC1B
ENSG00000130520	2256.702246	−0.102595294	0.0346454282	−0.06968239	0.1557801960	−0.084062674	8.700068e−02	−0.1244814613	1.239016e−02	LSM4
ENSG00000130522	22656.199657	−0.046013553	0.5867612781	−0.19589309	0.0215524454	−0.143093473	9.320304e−02	−0.2433093309	4.647830e−03	JUND
ENSG00000130560	1820.737360	−0.104047543	0.0970070698	−0.11516066	0.0689447454	−0.094852688	1.341700e−01	−0.1272361606	4.699065e−02	UBAC1
ENSG00000130584	1354.108761	−0.044818379	0.6365403675	−0.15365925	0.1071341772	−0.054666776	5.664444e−01	−0.2483345155	9.696543e−03	ZBTB46
ENSG00000130589	3397.888269	0.215774137	0.0972892101	0.03309905	0.7988100062	0.009864928	9.394453e−01	0.4643148344	3.369233e−04	HELZ2
ENSG00000130598	335.736108	0.010984092	0.9126338619	−0.01948460	0.8464103397	−0.074199923	4.610617e−01	−0.2446147135	1.571287e−02	TNNI2
ENSG00000130638	3966.294016	−0.087489811	0.0135470759	0.02025829	0.5716894476	−0.046087513	1.987409e−01	0.0568732450	1.174867e−01	ATXN10
ENSG00000130684	83.512145	0.184901007	0.0756300057	0.08236436	0.4317336022	0.247195841	1.793184e−02	−0.0645660376	5.406540e−01	ZNF337
ENSG00000130699	907.491009	0.009026449	0.8643300759	−0.03510226	0.5111193297	0.047580649	3.726906e−01	0.1182010799	2.856760e−02	TAF4
ENSG00000130702	127.325792	0.205340564	0.0933361410	0.30385510	0.0129795508	0.219154750	7.335353e−02	0.3822184104	1.771106e−03	LAMA5
ENSG00000130703	1289.234519	0.128506660	0.0101861806	0.08481752	0.0936424889	0.046276569	3.609386e−01	0.0532986365	2.987659e−01	OSBPL2
ENSG00000130731	1420.335182	−0.106436766	0.0908247881	−0.07856112	0.2162509731	−0.083017967	1.914691e−01	−0.2012914590	1.759885e−03	METTL26
ENSG00000130734	631.388109	0.016284775	0.8101787548	−0.10189348	0.1370016567	−0.140889656	4.000940e−02	−0.0499741382	4.704991e−01	ATG4D
ENSG00000130749	1409.340298	0.037977589	0.5685910986	−0.11099575	0.0990598427	0.015737638	8.149710e−01	0.2470226116	2.747023e−04	ZC3H4
ENSG00000130755	5082.430724	−0.085862412	0.0269512276	−0.02108517	0.5911878393	−0.097404958	1.316709e−02	−0.0908874483	2.253313e−02	GMFG
ENSG00000130764	1715.645736	−0.016171489	0.7493526130	−0.08218581	0.1084713483	−0.045210547	3.772681e−01	0.1289714561	1.272468e−02	LRRC47
ENSG00000130768	29.530963	0.404713864	0.0020548225	0.31195983	0.0170931742	0.402333739	2.103535e−03	0.4150934601	1.440289e−03	SMPDL3B
ENSG00000130772	154.149289	−0.061069112	0.5518668166	−0.01895642	0.8538982880	−0.224064029	3.011940e−02	−0.0839127671	4.179834e−01	MED18
ENSG00000130787	129.217779	0.086963137	0.4450352370	0.16098729	0.1559939035	0.094876897	4.030501e−01	0.2623522869	2.023937e−02	HIP1R
ENSG00000130803	1962.705874	−0.118021734	0.1006990012	−0.18625578	0.0102311052	−0.210422943	3.727746e−03	−0.1878632576	1.038703e−02	ZNF317
ENSG00000130810	201.041760	0.166489871	0.0673570454	0.19546181	0.0325739275	0.056204285	5.401810e−01	0.1216077991	1.877829e−01	PPAN
ENSG00000130811	6736.881096	−0.133699756	0.0043418415	−0.10312163	0.0295723158	−0.197112148	3.226011e−05	−0.1059402157	2.747013e−02	EIF3G
ENSG00000130826	1665.436385	0.047673197	0.3153131908	0.04312375	0.3689198509	0.081858207	8.809679e−02	0.1137358085	1.934294e−02	DKC1
ENSG00000130844	1082.665389	0.427813612	0.0010855678	0.31873443	0.0146796723	−0.025171705	8.471921e−01	−0.1498142563	2.499775e−01	ZNF331
ENSG00000130921	231.007092	−0.254869852	0.0016361698	−0.19026051	0.0193590930	−0.093999407	2.472781e−01	−0.1875414969	2.239638e−02	C12orf65
ENSG00000130958	813.339031	−0.214966521	0.0064197762	−0.03341723	0.6737648104	−0.135210398	8.884482e−02	−0.0879005499	2.726498e−01	SLC35D2
ENSG00000130985	11093.100603	−0.019802207	0.6513752768	0.03195096	0.4709393630	−0.012798429	7.727895e−01	0.0905143021	4.400210e−02	UBA1
ENSG00000131002	273.725695	−0.023371447	0.7703977555	−0.23109963	0.0038267229	−0.230382773	3.936368e−03	0.1510831586	5.816115e−02	TXLNGY
ENSG00000131015	3.790335	0.084844012	0.2746829130	0.16870930	0.0299026157	0.033608888	6.642728e−01	−0.0149910798	8.459690e−01	ULBP2
ENSG00000131016	19.328463	0.349626140	0.0009655628	0.18742350	0.0757140496	0.112652559	2.853495e−01	0.0566945575	5.890602e−01	AKAP12
ENSG00000131018	1391.130471	0.179507274	0.0025005261	0.11458307	0.0561033987	0.132810321	2.685274e−02	0.1807479435	2.916014e−03	SYNE1
ENSG00000131023	1925.441102	0.007288593	0.9087131373	−0.12779041	0.0465992972	−0.009153043	8.866089e−01	0.0121349425	8.517504e−01	LATS1
ENSG00000131061	272.100535	0.150064278	0.0733809093	0.10869616	0.1978536940	0.023328366	7.827638e−01	0.1829282616	3.160659e−02	ZNF341
ENSG00000131069	2137.735052	−0.128418237	0.0051665230	−0.02268060	0.6248868197	−0.014055666	7.619693e−01	0.0281039029	5.497792e−01	ACSS2
ENSG00000131089	473.865645	−0.089886433	0.1786169650	−0.02671832	0.6915475887	0.007816947	9.075998e−01	−0.1751709618	1.036422e−02	ARHGEF9
ENSG00000131100	2513.996900	−0.007725172	0.8691009398	0.10276495	0.0299725200	−0.003892356	9.345684e−01	0.0379113784	4.299838e−01	ATP6V1E1
ENSG00000131115	259.946872	0.089131689	0.3107770731	0.21065703	0.0170828566	0.014728689	8.680635e−01	−0.0202303087	8.208501e−01	ZNF227
ENSG00000131116	454.641548	−0.215217215	0.0008962254	−0.14260114	0.0290311286	−0.150062698	2.174813e−02	−0.2590820314	9.112656e−05	ZNF428
ENSG00000131127	299.423953	−0.087279268	0.3231142453	0.03664274	0.6795583686	−0.147864379	9.657522e−02	−0.2200692028	1.422344e−02	ZNF141
ENSG00000131143	11662.188137	−0.105597641	0.0148922006	−0.04775643	0.2762446067	−0.083268626	5.768442e−02	−0.1161441595	9.028848e−03	COX4I1
ENSG00000131153	39.364800	0.434773120	0.0009716575	0.25866233	0.0489911522	0.378540232	3.964914e−03	0.3656428115	5.190289e−03	GINS2
ENSG00000131171	11197.475198	−0.181303540	0.0004462412	−0.05949432	0.2542656896	−0.052003456	3.190297e−01	−0.1201607824	2.306426e−02	SH3BGRL

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000131203	5.140677e+02	0.0547927973	0.6723955397	0.264803242	0.0402505306	0.296762725	2.152025e−02	0.2419839130	5.964919e−02	IDO1
ENSG00000131236	3.159397e+04	−0.0967761820	0.0135530029	−0.043373885	0.2740976943	−0.051050316	1.980358e−01	0.0539240694	1.801030e−01	CAP1
ENSG00000131238	1.837213e+04	−0.1761359430	0.0129354281	−0.092826841	0.1940673694	−0.052786664	4.602219e−01	−0.1458560627	4.350303e−02	PPT1
ENSG00000131263	2.660579e+03	0.1481704441	0.0302299793	0.056169784	0.4156497604	−0.090724232	1.888858e−01	−0.0890203758	2.022893e−01	RLIM
ENSG00000131323	1.252407e+03	−0.0510899785	0.4246318559	0.025920991	0.6880407003	−0.084476922	1.912661e−01	−0.1841512181	4.886326e−03	TRAF3
ENSG00000131355	3.211694e+02	0.0164859436	0.9004406795	0.061791384	0.6380275768	0.270852432	3.919345e−02	−0.1807704952	1.669378e−01	ADGRE3
ENSG00000131379	7.835835e+00	−0.2239373396	0.0504820951	−0.230007745	0.0438250739	−0.166524583	1.446385e−01	−0.0603108096	5.965894e−01	C3orf20
ENSG00000131446	1.412513e+04	−0.0831242956	0.1563377260	−0.135857143	0.0218234427	−0.196222401	9.259155e−04	0.0005640934	9.924945e−01	MGAT1
ENSG00000131462	1.926174e+02	−0.0163271650	0.8640344717	−0.042443917	0.6580585697	0.195389813	4.094321e−02	0.0601561553	5.322016e−01	TUBG1
ENSG00000131469	2.554441e+04	−0.1802148826	0.0002988747	−0.079089117	0.1164352162	−0.076800584	1.273985e−01	−0.2104519418	3.759883e−05	RPL27
ENSG00000131473	5.623173e+03	−0.0419233060	0.2068032261	−0.010009704	0.7657536365	−0.024189411	4.717483e−01	0.0951979943	5.216673e−03	ACLY
ENSG00000131477	1.628975e+00	0.0001365293	0.9983843529	−0.078200892	0.2442008118	0.136655834	4.311803e−02	−0.0610220320	3.631305e−01	RAMP2
ENSG00000131495	1.316392e+03	−0.0843074972	0.0683129173	−0.080503723	0.0852040224	−0.141261223	2.573040e−03	−0.0981255464	3.851733e−02	NDUFA2
ENSG00000131503	3.239280e+02	0.0266975653	0.7030221855	0.022358623	0.7516900378	0.156614938	2.629718e−02	−0.0833013845	2.446516e−01	ANKHD1
ENSG00000131504	1.534144e+04	−0.0128719478	0.7948489047	−0.039988675	0.4243165828	0.069495183	1.649503e−01	0.1023700313	4.353042e−02	DIAPH1
ENSG00000131507	5.790035e+03	−0.0936534168	0.0352014734	−0.049902469	0.2671106618	0.028385990	5.278021e−01	0.0352382302	4.394380e−01	NDFIP1
ENSG00000131508	2.856009e+03	−0.0858132491	0.0170777794	−0.068003335	0.0617810002	−0.010689822	7.689895e−01	−0.0716523712	5.238884e−02	UBE2D2
ENSG00000131634	7.532263e+01	−0.3287416516	0.0123497289	−0.110462144	0.3991315603	−0.005206824	9.682945e−01	−0.1603363216	2.194686e−01	TMEM204
ENSG00000131686	1.933032e+00	0.0331735439	0.6375478370	0.076711761	0.2760155793	0.156526337	2.642881e−02	0.1210319821	8.552166e−02	CA6
ENSG00000131697	7.011452e+02	−0.0433920268	0.5894522769	−0.038189923	0.6373148353	0.086689827	2.842065e−01	−0.1611563946	4.891312e−02	NPHP4
ENSG00000131724	1.471871e+04	−0.1549261461	0.0487797904	−0.111296284	0.1600912672	−0.041928241	5.966538e−01	−0.0032972561	9.671135e−01	IL13RA1
ENSG00000131730	4.621283e+00	0.0273423703	0.7850414011	−0.000159823	0.9987233907	−0.199926428	4.400364e−02	−0.1897982486	5.546423e−02	CKMT2
ENSG00000131747	1.052346e+02	0.4039584513	0.0014179133	0.257321391	0.0412763570	0.340921637	6.859094e−03	0.1150043579	3.592619e−01	TOP2A
ENSG00000131773	1.460831e+01	0.2739332370	0.0257012010	0.134237800	0.2720239014	0.168648891	1.675697e−01	0.1490744819	2.201153e−01	KHDRBS3
ENSG00000131779	5.535292e+02	0.0311906118	0.5699260561	0.137513414	0.0128858814	0.231793176	2.687598e−05	0.1617100076	3.853585e−03	PEX11B
ENSG00000131788	6.196978e+02	0.0209208965	0.7068279957	−0.026433938	0.6386036551	0.118501347	3.477368e−02	−0.0154834754	7.857144e−01	PIAS3
ENSG00000131828	1.499274e+03	−0.0296754141	0.4830826624	0.088581713	0.0379885669	0.057996488	1.748774e−01	0.0727867262	9.295130e−02	PDHA1
ENSG00000131844	2.049788e+03	−0.0927365942	0.0195903466	−0.070695786	0.0784638077	0.053824445	1.797230e−01	0.0159105998	6.959047e−01	MCCC2
ENSG00000131873	1.732318e+03	0.0376333380	0.7062870554	0.082141722	0.4127768272	0.009791667	9.222392e−01	0.3751153829	1.985864e−04	CHSY1
ENSG00000131979	1.247423e+03	0.0950391743	0.4181319362	0.019569687	0.8677404405	0.200539543	8.787768e−02	0.3333851126	4.603892e−03	GCH1
ENSG00000132004	2.444813e+02	−0.0570853568	0.4952568052	−0.117998805	0.1619979632	−0.202725303	1.657373e−02	−0.0835937014	3.256996e−01	FBXW9
ENSG00000132005	1.150820e+03	−0.0259778474	0.7386587944	−0.157375541	0.0450726680	−0.078263530	3.188539e−01	0.0324843387	6.816841e−01	RFX1
ENSG00000132017	1.552000e+03	0.0787726362	0.1716235602	−0.018634819	0.7490949331	−0.037783899	5.168966e−01	−0.1225095874	3.801226e−02	DCAF15
ENSG00000132109	5.996632e+02	0.0374388439	0.6999730384	0.003080305	0.9748275907	0.109958975	2.598373e−01	0.2528985928	9.970518e−03	TRIM21
ENSG00000132128	2.145261e+03	−0.0080680216	0.8841718480	0.042717947	0.4450555197	0.004949821	9.295281e−01	0.1217298142	3.156218e−02	LRRC41
ENSG00000132185	8.864574e+01	0.1769640297	0.1101717702	0.225618002	0.0410130980	0.158574917	1.508781e−01	0.2752325335	1.231310e−02	FCRLA
ENSG00000132256	8.077461e+02	0.0684260218	0.4149451192	0.122834969	0.1458990034	0.025968111	7.587272e−01	0.3716851044	1.258658e−05	TRIM5
ENSG00000132274	1.164402e+04	0.1368132084	0.1039874953	0.144556452	0.0879992390	0.131192093	1.215534e−01	0.4095324057	1.645301e−06	TRIM22
ENSG00000132275	5.662138e+02	−0.0446527721	0.4971454525	−0.022315926	0.7367420964	−0.050519795	4.471940e−01	−0.1563164164	2.007905e−02	RRP8
ENSG00000132294	2.585041e+03	0.1037591164	0.1312789941	0.129732702	0.0614377106	0.146742507	3.439652e−02	0.2186713050	1.815937e−03	EFR3A
ENSG00000132323	1.300066e+03	0.0112977995	0.7798131434	−0.086337405	0.0352267411	−0.015876142	6.983707e−01	−0.0784607039	5.896737e−02	ILKAP
ENSG00000132326	8.966430e+02	0.2872407381	0.0141432775	0.152385182	0.1936149730	−0.004469517	9.695925e−01	0.0946197727	4.202831e−01	PER2
ENSG00000132329	3.222365e+01	0.0339832016	0.7051336080	0.182048011	0.0422573452	0.105917401	2.371891e−01	−0.0244785606	7.840313e−01	RAMP1
ENSG00000132357	3.372351e+02	0.1377146159	0.2100243172	0.067300778	0.5412799314	0.181396815	9.953791e−02	0.2941374675	7.743853e−03	CARD6
ENSG00000132359	2.959724e+03	0.0994554455	0.0988616844	0.057680747	0.3433450056	0.048660894	4.241594e−01	0.1767555734	4.101343e−03	RAP1GAP2
ENSG00000132382	1.798938e+03	−0.0156439978	0.8108016115	−0.138246337	0.0362048814	0.012318416	8.518455e−01	0.0698790462	2.947592e−01	MYBBP1A
ENSG00000132383	1.893715e+03	−0.1033967297	0.0369325166	−0.033045974	0.5092346391	0.035227757	4.815414e−01	−0.0145840954	7.736716e−01	RPA1
ENSG00000132386	1.020961e+03	−0.1129640904	0.2710693918	−0.020387499	0.8431383323	−0.216689347	3.555250e−02	−0.1035682495	3.171590e−01	SERPINF1
ENSG00000132405	2.241779e+03	−0.1486833570	0.0443229892	−0.091010876	0.2220660864	−0.115360350	1.217655e−01	−0.0924297273	2.196319e−01	TBC1D14
ENSG00000132406	4.323187e+02	−0.0370958012	0.6201439909	0.067931807	0.3669547741	0.085304386	2.574233e−01	0.1563769926	3.960398e−02	TMEM128
ENSG00000132423	5.998849e+01	0.1945740053	0.1063874935	0.238882219	0.0473632997	0.157527917	1.916941e−01	0.2805466129	1.992413e−02	COQ3
ENSG00000132434	7.230256e+02	0.1903939899	0.0155327549	0.054902217	0.4891581493	0.024338729	7.592788e−01	0.0335752155	6.752381e−01	LANCL2
ENSG00000132436	1.403340e+02	0.1450376868	0.2425183022	0.034548194	0.7806985901	0.367925355	2.994378e−03	−0.0382758693	7.577402e−01	FIGNL1
ENSG00000132463	4.290417e+03	0.0035825159	0.9274953920	0.011737650	0.7682139275	0.031140336	4.343615e−01	0.1497581516	2.071656e−04	GRSF1
ENSG00000132464	1.817589e+00	0.0620120379	0.4548310829	0.046855966	0.5709060151	0.122279126	1.398453e−01	0.2308848069	5.605375e−03	ENAM
ENSG00000132465	4.819129e+02	0.1418394033	0.1797544518	0.018830052	0.8582040562	0.209305957	4.705300e−02	0.3634808529	5.360909e−04	JCHAIN
ENSG00000132470	1.554602e+01	−0.3370914776	0.0085857411	−0.298453693	0.0195691303	−0.044529388	7.280476e−01	−0.2336280149	6.642223e−02	ITGB4
ENSG00000132475	4.762846e+04	−0.0861246995	0.1187011362	−0.116193581	0.0372389685	−0.256707945	4.184409e−06	−0.2241153147	7.278989e−05	H3F3B
ENSG00000132510	8.900497e+03	0.3161561471	0.0030555938	0.117990034	0.2705140286	−0.081887881	4.444559e−01	−0.1118356597	2.982466e−01	KDM6B
ENSG00000132530	1.398218e+03	0.3891647869	0.0029932078	0.087707538	0.5019628219	0.038563448	7.678364e−01	0.3540832511	6.474683e−03	XAF1
ENSG00000132589	1.042080e+04	−0.1385517903	0.0038404900	−0.107301060	0.0268019902	−0.107903494	2.597245e−02	0.0210988302	6.674250e−01	FLOT2
ENSG00000132591	1.100172e+03	−0.0003754246	0.9948789559	0.031457000	0.5942735902	0.034155320	5.632156e−01	0.1325795037	2.641382e−02	ERAL1
ENSG00000132603	6.405223e+02	−0.1392869200	0.0179618784	−0.064937743	0.2737155340	−0.107696329	6.997730e−02	−0.0526737875	3.807598e−01	NIP7
ENSG00000132613	7.033407e+01	−0.0579729342	0.6355067213	−0.230421039	0.0599384160	−0.178002179	1.460954e−01	−0.3133584273	1.058913e−02	MTSS1L
ENSG00000132622	1.194604e+02	0.2159401251	0.1001337612	−0.091456267	0.4846012220	−0.009767227	9.405007e−01	0.2871591289	2.753578e−02	HSPA12B
ENSG00000132635	1.430786e+03	0.1791100783	0.0142333500	0.109785302	0.1363748206	0.033153603	6.530672e−01	−0.0002035291	9.978207e−01	PCED1A
ENSG00000132646	1.019906e+03	0.1137747676	0.1472503881	0.103500210	0.1907698105	0.214939374	6.565201e−03	0.1862041146	1.966873e−02	PCNA
ENSG00000132661	9.653435e+02	0.0266583154	0.7753971567	−0.064922251	0.4896569056	−0.157700458	9.347924e−02	−0.2428560005	1.031152e−02	NXT1
ENSG00000132676	3.414522e+03	−0.1032196199	0.0102557147	−0.004573444	0.9103979213	−0.063410644	1.190326e−01	−0.1050993963	1.087334e−02	DAP3
ENSG00000132688	9.658549e−01	0.0307180919	0.5375489427	0.118787412	0.0174035445	0.064238485	1.970826e−01	0.0645369344	1.949028e−01	NES
ENSG00000132704	9.970494e+01	0.1053903723	0.3450260791	0.266195333	0.0167249955	0.234328199	3.516392e−02	0.2842841187	1.028265e−02	FCRL2
ENSG00000132716	2.346689e+03	0.0051218353	0.9095416897	0.045501213	0.3181316277	0.116401643	1.062708e−02	0.0156064152	7.355850e−01	DCAF8
ENSG00000132718	1.156063e+03	0.0615689411	0.4775524663	0.102435752	0.2403160842	0.042470769	6.265150e−01	0.2880075479	1.049047e−03	SYT11
ENSG00000132740	7.639889e+02	0.1660783260	0.0244280891	0.028794887	0.6991327948	0.030105523	6.862656e−01	0.1266137507	9.230244e−02	IGHMBP2
ENSG00000132749	3.825531e+01	−0.3233912084	0.0118205896	−0.201674446	0.1155273067	−0.054068116	6.727979e−01	−0.0121269768	9.243069e−01	TESMIN
ENSG00000132773	5.799488e+02	0.0413560745	0.5875145362	−0.048453861	0.5287379069	−0.101971603	1.854202e−01	−0.1958369330	1.186148e−02	TOE1
ENSG00000132801	2.905612e+01	0.1653139716	0.2098086851	0.241828459	0.0656854642	0.277871398	3.443914e−02	0.2463615448	5.973905e−02	ZSWIM3
ENSG00000132824	3.838680e+03	0.0960626036	0.0710001376	0.084262751	0.1171318710	0.122199461	2.306426e−02	0.1991420702	2.548025e−04	SERINC3
ENSG00000132832	1.504827e+00	0.0971035847	0.1020221149	0.024545314	0.6784710213	0.122700253	3.856876e−02	0.0238114014	6.871532e−01	LINC01260
ENSG00000132872	7.129489e+00	−0.1310970138	0.1992414905	−0.074528500	0.4646853163	−0.165536758	1.036027e−01	−0.2188086745	3.078884e−02	SYT4
ENSG00000132881	4.956674e+01	0.0128732865	0.9167619299	0.058089555	0.6368376591	0.108107529	3.795272e−01	0.2502539062	4.156149e−02	RSG1
ENSG00000132906	1.184385e+03	0.1969959437	0.0301869610	0.160878377	0.0785046575	−0.028618260	7.544763e−01	0.0157884707	8.639229e−01	CASP9
ENSG00000132915	3.268628e+00	0.0667025982	0.5063280186	−0.006060755	0.9515786040	0.177030849	7.768345e−02	0.2061954360	3.970584e−02	PDE6A
ENSG00000132967	1.421162e+03	−0.0521626252	0.3692363435	−0.088947545	0.1296554881	−0.127753871	2.963603e−02	−0.1434975806	1.584041e−02	HMGB1P5
ENSG00000132972	5.603235e−01	−0.0001264531	0.9972355957	0.009413129	0.7965072367	0.030189875	4.080954e−01	0.0822641827	2.448483e−02	RNF17
ENSG00000133026	1.851354e+02	0.0991855131	0.3127271892	0.090547730	0.3589937056	−0.156770486	1.138125e−01	−0.2068314431	3.809239e−02	MYH10
ENSG00000133028	9.672082e+02	−0.0262696549	0.6378276515	−0.053701852	0.3411596771	0.110435262	4.983085e−02	0.0422858128	4.584092e−01	SCO1
ENSG00000133065	3.697460e+01	0.1991130776	0.1285326458	0.166555499	0.2019704978	0.316358343	1.539025e−02	0.1397902575	2.819479e−01	SLC41A1
ENSG00000133069	1.795655e+01	−0.2871245676	0.0221751120	−0.427846098	0.0006146699	−0.112762133	3.677460e−01	−0.3704267151	2.895765e−03	TMCC2
ENSG00000133101	5.604480e+00	0.2485085320	0.0056739589	0.103371133	0.2477416910	0.141490500	1.136207e−01	0.1379932318	1.217931e−01	CCNA1
ENSG00000133103	5.055624e+02	−0.0154291640	0.8561722552	0.247440085	0.0038008074	0.160549237	6.069061e−02	0.1587684448	6.569761e−02	COG6
ENSG00000133104	8.103826e+02	0.1640167100	0.0537645227	0.215675528	0.0117329446	0.128616773	1.331677e−01	0.1720164299	4.632409e−02	SPART
ENSG00000133106	3.491330e+03	0.1778271979	0.1675639771	0.099674485	0.4384299062	0.002001395	9.875868e−01	0.3511445090	6.228255e−03	EPSTI1
ENSG00000133112	1.143322e+05	−0.1600258306	0.0045242894	−0.056022915	0.3252410459	−0.081694584	1.514243e−01	−0.2060320886	3.535791e−04	TPT1
ENSG00000133119	2.265196e+02	0.0680109078	0.5144661140	0.093413618	0.3722194834	0.218440658	3.677685e−02	−0.0426591333	6.853191e−01	RFC3
ENSG00000133134	3.126777e+01	−0.0766196714	0.5586441141	−0.113063056	0.3864484440	0.338213615	9.643657e−03	0.0431140462	7.401183e−01	BEX2
ENSG00000133142	6.335411e+02	−0.1097840469	0.0811115238	−0.129637396	0.0414173796	−0.109155639	8.606365e−02	−0.3291017909	3.444039e−07	TCEAL4
ENSG00000133193	6.464627e+02	−0.0711616410	0.3371025611	−0.187049253	0.0124648204	−0.014104174	8.503219e−01	−0.0433986474	5.652915e−01	FAM104A
ENSG00000133216	3.203162e+01	0.1238313090	0.2627072730	−0.003187692	0.9769102607	−0.010464694	9.242868e−01	0.3201216115	3.552441e−03	EPHB2
ENSG00000133247	3.064077e+02	0.2052654945	0.0070974096	0.081343670	0.2912230796	0.084835638	2.713876e−01	0.0403008071	6.047239e−01	KMT5C
ENSG00000133275	6.803665e+03	−0.0357399120	0.5347916721	−0.145749509	0.0122421347	−0.133543826	2.172392e−02	−0.0899574005	1.267157e−01	CSNK1G2
ENSG00000133302	1.883361e+02	0.2934335700	0.0023601751	0.164204926	0.0909800294	0.070990864	4.658806e−01	0.0901335005	3.571997e−01	SLF1
ENSG00000133313	8.608171e+03	−0.0219135630	0.7514501123	0.011926574	0.8643321550	0.083791572	2.299636e−01	0.1577438226	2.537358e−02	CNDP2
ENSG00000133318	2.959460e+03	−0.1191878977	0.0340977057	−0.018053469	0.7506281160	0.037040852	5.143274e−01	−0.0123065842	8.305734e−01	RTN3
ENSG00000133392	8.564759e+01	0.0463732183	0.7122805193	0.060553005	0.6298394792	0.423966984	7.237258e−04	0.2825200832	2.419348e−02	MYH11

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000133401	19.807864	0.027014917	0.8374765615	0.123796193	0.3457972815	0.272085818	0.0382870222	0.0592774102	6.501699e−01	PDZD2
ENSG00000133424	7.848133	0.207499378	0.0254699880	0.127608212	0.1678264681	0.105360694	0.2543894598	0.2770245905	2.733946e−03	LARGE1
ENSG00000133466	92.796059	0.222599867	0.0750840154	0.317135920	0.0111291384	0.157724749	0.2072337907	0.1187141864	3.420049e−01	C1QTNF6
ENSG00000133561	492.401360	−0.043213189	0.7218364379	0.124420040	0.3053252665	0.183759116	0.1300229317	0.3089235822	1.093103e−02	GIMAP6
ENSG00000133597	1279.102499	−0.175337842	0.0096937462	−0.128703381	0.0597570617	−0.131418567	0.0546466856	0.0495075952	4.734689e−01	ADCK2
ENSG00000133612	3077.157323	−0.104839218	0.1313800340	−0.138966079	0.0474816584	−0.116025922	0.0979817282	−0.2305794467	1.145182e−03	AGAP3
ENSG00000133624	262.533649	0.081105935	0.3522133217	0.032264246	0.7133708894	0.212245209	0.0154293752	0.1493825205	9.077598e−02	ZNF767P
ENSG00000133641	187.681446	0.082551243	0.3478658822	0.058443093	0.5092061314	0.230267339	0.0090971313	0.0652920994	4.642525e−01	C12orf29
ENSG00000133704	1394.163217	−0.005108160	0.9285220045	0.119517207	0.0375009777	0.201681748	0.0004448848	0.1378081064	1.781523e−02	IPO8
ENSG00000133706	3377.797675	−0.001796915	0.9703589194	0.036268804	0.4580835984	0.106472946	0.0293533529	0.1837577086	2.055161e−04	LARS
ENSG00000133740	130.889977	0.060254237	0.5543795220	0.224183242	0.0279725658	0.361854848	0.0003803379	0.2607552829	1.093267e−02	E2F5
ENSG00000133742	2.917315	−0.010505969	0.8773515346	−0.023444304	0.7301767366	0.087202879	0.2001959479	0.1579165045	2.037903e−02	CA1
ENSG00000133789	1796.968905	0.157622722	0.0371396615	0.203481323	0.0075950757	0.095814424	0.2089985160	0.1835932404	1.710341e−02	SWAP70
ENSG00000133800	2.225332	0.010535414	0.8875349389	0.036615259	0.6228440696	0.061842315	0.4059471431	0.1511348275	4.262119e−02	LYVE1
ENSG00000133812	1291.092553	0.053932171	0.4042925116	0.015830029	0.8084472285	0.038172592	0.5588770711	0.1368885280	3.805222e−02	SBF2
ENSG00000133935	566.063017	−0.268482855	0.0001847288	−0.133243968	0.0652978680	0.013187093	0.8550314697	−0.0338052191	6.428826e−01	ERG28
ENSG00000134001	1559.220883	0.052774536	0.4711427196	0.089460529	0.2256087267	0.089876347	0.2235483012	0.2320684703	1.855085e−03	EIF2S1
ENSG00000134013	43.331096	0.165111860	0.1904925417	0.249257748	0.0476908153	0.214347354	0.0888463166	0.1219394118	3.329111e−01	LOXL2
ENSG00000134061	1176.269615	0.263114038	0.0271992051	0.246326560	0.0388087578	0.269802626	0.0236294406	0.1757493403	1.408290e−01	CD180
ENSG00000134086	3542.537720	−0.058548348	0.2568929137	−0.109345749	0.0362377208	−0.191831265	0.0002410673	−0.0675291926	2.016852e−01	VHL
ENSG00000134107	22667.407027	0.090180796	0.4571869191	0.012105400	0.9205222765	−0.239244277	0.0486217111	−0.1535263282	2.058783e−01	BHLHE40
ENSG00000134146	148.731349	−0.186472175	0.0487456349	−0.011080495	0.9068835107	0.092562858	0.3278338941	−0.0296729828	7.556996e−01	DPH6
ENSG00000134202	8.387416	0.155982980	0.1375748246	0.091936647	0.3794975709	0.206754602	0.0483696366	0.1607829512	1.233277e−01	GSTM3
ENSG00000134242	2416.300484	0.113736934	0.0743320083	0.231386442	0.0003205621	0.137134956	0.0330720739	0.0880804364	1.760967e−01	PTPN22
ENSG00000134243	2220.884551	−0.158500206	0.1137078598	0.041221750	0.6820293490	0.051776037	0.6068498196	0.2522178372	1.264478e−02	SORT1
ENSG00000134248	1410.716929	−0.030561607	0.4779185253	0.089347647	0.0398312993	0.045737118	0.2934970906	−0.0008427719	9.847650e−01	LAMTOR5
ENSG00000134255	1074.779746	0.054325777	0.4347877686	0.099764090	0.1548131779	0.233509982	0.0008605107	0.2243375957	1.546359e−03	CEPT1
ENSG00000134285	510.613381	0.195873591	0.0205281535	0.059027453	0.4887733565	0.120054998	0.1590476676	0.2607086101	2.372008e−03	FKBP11
ENSG00000134287	11536.948824	−0.126320685	0.0042996184	−0.030614382	0.4937778860	−0.032134304	0.4726228460	−0.0131771396	7.714364e−01	ARF3
ENSG00000134294	7889.054661	0.225729018	0.0213304092	0.194769146	0.0480455549	0.078074878	0.4281040856	0.0374731085	7.053461e−01	SLC38A2
ENSG00000134297	90.473679	0.013255682	0.8975786729	0.072531878	0.4820688012	0.221676042	0.0312207670	0.0979149420	3.449320e−01	PLEKHA8P1
ENSG00000134321	485.116074	0.173875129	0.1846047187	0.062808973	0.6305415069	0.005387321	0.9670929798	0.5567344095	1.849621e−05	RSAD2
ENSG00000134326	2225.984729	0.147212436	0.2614324795	0.074461385	0.5690508558	−0.029167902	0.8234870336	0.4447318925	6.451331e−04	CMPK2
ENSG00000134330	1071.888788	−0.102905380	0.0306135536	0.016863245	0.7254620592	−0.036972615	0.4422353707	−0.0627187578	1.980020e−01	IAH1
ENSG00000134333	11096.935188	0.021325878	0.7191153687	0.045776926	0.4446758935	0.025773545	0.6669772461	0.1491107788	1.390616e−02	LDHA
ENSG00000134363	1.124492	0.041877958	0.4176968617	0.130569945	0.0116886245	0.009067375	0.8603462244	0.0273380610	5.959248e−01	FST
ENSG00000134369	3485.597037	−0.045990368	0.6783335049	−0.229691402	0.0388099385	0.022295040	0.8410313519	−0.2034952062	6.799849e−02	NAV1
ENSG00000134375	1858.781212	0.096520023	0.0766512372	0.051319574	0.3517626671	0.131809586	0.0167345706	0.0188272504	7.359808e−01	TIMM17A
ENSG00000134419	15399.650813	−0.161115183	0.0023834396	−0.060316881	0.2604412086	−0.065812733	0.2195131252	−0.1570322622	3.831295e−03	RPS15A
ENSG00000134440	3112.199700	0.040200634	0.3980899828	0.094626366	0.0490912737	0.185928619	0.0001097836	0.1029033243	3.472534e−02	NARS
ENSG00000134444	1845.280534	0.108355284	0.0886279760	0.088442497	0.1686828319	0.153269052	0.0170463055	−0.0435921997	5.028482e−01	KIAA1468
ENSG00000134461	175.403323	−0.167951584	0.0840047320	−0.218134845	0.0256239515	−0.148587764	0.1282415615	−0.1448831026	1.401804e−01	ANKRD16
ENSG00000134516	18572.856141	−0.064336871	0.0713954737	−0.030317865	0.4011576939	−0.078208202	0.0303664069	−0.0030737620	9.331461e−01	DOCK2
ENSG00000134531	2258.839631	0.306114405	0.0200564429	0.102847002	0.4331001935	0.115659000	0.3780197509	0.2698052682	3.889862e−02	EMP1
ENSG00000134532	3.146952	−0.006771742	0.9214688110	0.162568086	0.0181549785	0.017332175	0.8004701257	0.0718934059	2.945267e−01	SOX5
ENSG00000134548	1.886031	−0.124757829	0.0575279363	−0.130357759	0.0469987968	−0.163774170	0.0123904703	−0.1140861501	8.154817e−02	SPX
ENSG00000134571	257.846195	0.267559344	0.0343496842	0.159122692	0.2078402868	0.116466369	0.3566544545	0.1664059298	1.872995e−01	MYBPC3
ENSG00000134575	530.042179	−0.003159393	0.9700484607	0.029055632	0.7315329893	0.102984551	0.2238219685	0.1803239235	3.453675e−02	ACP2
ENSG00000134602	1290.397246	0.140243551	0.0185617360	0.191848420	0.0014191570	0.163503105	0.0065785042	0.1763426919	3.778123e−03	STK26
ENSG00000134627	225.037668	−0.053060596	0.5992725565	−0.168856212	0.0962912070	−0.114801224	0.2581021784	−0.2654867289	9.360717e−03	PIWIL4
ENSG00000134644	2783.995633	0.099558081	0.0913292215	0.051115147	0.3908318310	0.061863605	0.2990813419	0.1274012040	3.459424e−02	PUM1
ENSG00000134668	4.554624	−0.181146690	0.0062105415	−0.198884591	0.0026274762	−0.141121814	0.0328365553	−0.2066258460	1.735617e−03	SPOCD1
ENSG00000134697	2058.184220	0.129861824	0.0184911397	0.073324491	0.1882545783	0.024817801	0.6562959619	0.0233845103	6.787667e−01	GNL2
ENSG00000134744	505.555851	0.245618521	0.0053963343	0.239971745	0.0068995524	0.277112366	0.0018101757	0.1075352473	2.302642e−01	ZCCHC11
ENSG00000134802	970.776419	0.117283818	0.1332933699	0.182341446	0.0205070608	0.203907856	0.0095786435	0.1345886050	9.035645e−02	SLC43A3
ENSG00000134825	1245.718530	−0.143474050	0.0035178636	−0.032982554	0.5060537702	−0.100860476	0.0423704965	−0.0571379761	2.560302e−01	TMEM258
ENSG00000134851	2023.081488	0.018833157	0.7555938731	0.057854505	0.3436865548	0.125333624	0.0401991644	0.0957893854	1.211797e−01	TMEM165
ENSG00000134852	1141.977907	−0.052626318	0.3016329943	−0.035591011	0.4893828229	−0.008659707	0.8664545919	−0.1462701917	5.136721e−03	CLOCK
ENSG00000134900	2282.735640	0.162878261	0.0015732835	0.095105025	0.0680232197	0.126519047	0.0152052010	0.0591289981	2.629354e−01	TPP2
ENSG00000134901	25.535618	−0.024807686	0.8492613931	0.230832680	0.0761844216	0.111781993	0.3902486193	0.2816248363	2.975559e−02	KDELC1
ENSG00000134909	1403.186408	−0.070998880	0.3248588794	−0.007362146	0.9193472903	−0.099334915	0.1721879154	−0.2708329067	2.325829e−04	ARHGAP32
ENSG00000134910	1762.811102	0.017458834	0.7598123586	0.024418822	0.6720779943	0.104920854	0.0688480979	0.1743590010	2.803099e−03	STT3A
ENSG00000134954	779.004338	0.090679331	0.4871843527	0.164215292	0.2066448925	0.262069728	0.0438679862	0.1984161615	1.252976e−01	ETS1
ENSG00000134955	2369.513793	0.111716777	0.2799618130	0.121680331	0.2410862481	0.252924503	0.0148139509	0.1360466347	1.920339e−01	SLC37A2
ENSG00000134996	3364.051832	−0.083988897	0.0476156171	0.001742442	0.9675691762	0.028875383	0.5005087356	0.0317211805	4.654259e−01	OSTF1
ENSG00000135047	179.755234	0.256858268	0.0484594500	0.217687530	0.0932338858	0.271675573	0.0361830609	0.2795453202	3.033449e−02	CTSL
ENSG00000135048	1493.606634	0.220166719	0.0445355303	0.079894212	0.4672443021	0.090157265	0.4120291656	0.1311439439	2.342630e−01	TMEM2
ENSG00000135069	4.048150	−0.010629924	0.8980893745	0.026962142	0.7449717457	0.035753807	0.6660142927	0.1688709211	4.176096e−02	PSAT1
ENSG00000135077	3311.774375	0.189897019	0.0225525928	0.167471321	0.0457762989	0.060935163	0.4674613164	0.1201803285	1.553496e−01	HAVCR2
ENSG00000135114	549.734983	0.220750649	0.0844138497	0.092686083	0.4670230041	−0.020054526	0.8749462081	0.4120969640	1.156827e−03	OASL
ENSG00000135148	1247.185491	0.016311593	0.8522134380	0.085295821	0.3328423007	0.078461661	0.3731062689	0.2565117017	3.853918e−03	TRAFD1
ENSG00000135164	2783.715437	0.102067719	0.0548135485	0.112351532	0.0364659154	0.146935320	0.0062291574	0.0852829999	1.171059e−01	DMTF1
ENSG00000135185	905.800069	0.190248715	0.0004890594	0.134071986	0.0151722110	0.077493872	0.1611785675	−0.0549777165	3.268150e−01	TMEM243
ENSG00000135211	126.813757	0.101662647	0.3134279256	0.177719901	0.0787099919	0.199746418	0.0482147209	0.1990189142	5.026035e−02	TMEM60
ENSG00000135241	1771.504425	0.376713084	0.0006644099	0.271455415	0.0144218293	0.075330580	0.4972638871	0.1699296542	1.268395e−01	PNPLA8
ENSG00000135249	427.240962	0.274114533	0.0005215596	0.041128015	0.6066153012	0.114123079	0.1528653749	0.0977239976	2.249770e−01	RINT1
ENSG00000135269	4393.854276	0.178004614	0.0364878254	0.082208769	0.3374126375	0.186760448	0.0292979828	0.1974849033	2.227636e−02	TES
ENSG00000135316	7089.349674	0.180252859	0.0061981643	0.147136296	0.0268609301	0.069639465	0.2948751512	0.1128696532	9.321414e−02	SYNCRIP
ENSG00000135317	2485.152442	−0.040310217	0.3180970040	0.006405174	0.8753185706	0.012730001	0.7552636386	0.0969621178	1.905902e−02	SNX14
ENSG00000135318	10.346027	0.068333055	0.4473892388	0.176626513	0.0492326554	0.108243462	0.2276265280	0.3497341274	9.678807e−05	NT5E
ENSG00000135338	2.440278	0.165014366	0.0894074193	0.202146602	0.0375036156	0.353589891	0.0002943979	0.2371984694	1.426509e−02	LCA5
ENSG00000135341	1273.362906	−0.018287421	0.7191130140	0.040194832	0.4337350685	0.067328354	0.1898557864	0.1720790961	9.224031e−04	MAP3K7
ENSG00000135363	4805.265286	−0.099100905	0.1371275851	−0.121492044	0.0709706681	−0.179830177	0.0075367574	−0.1158325668	8.868684e−02	LMO2
ENSG00000135372	1732.570506	0.012060003	0.7975252266	0.021814169	0.6461237654	0.025169915	0.5964400602	0.1558208437	1.199818e−03	NAT10
ENSG00000135373	197.970553	−0.290135906	0.0275945320	−0.216579135	0.0990949407	−0.064597517	0.6227721117	−0.3041997441	2.007643e−02	EHF
ENSG00000135378	190.600808	0.008444528	0.9451181116	0.180614324	0.1406292753	0.061649859	0.6152055236	0.3931453057	1.331767e−03	PRRG4
ENSG00000135387	6679.576339	0.091786191	0.0396295509	0.029460144	0.5138588015	0.049187977	0.2757458339	0.1391500666	2.348997e−03	CAPRIN1
ENSG00000135404	5157.661162	0.093610244	0.2036563452	−0.001649049	0.9822846659	−0.011067509	0.8815420817	0.1531427888	4.119685e−02	CD63
ENSG00000135407	85.945270	0.237121404	0.0408982471	0.011108857	0.9240362345	0.228500938	0.0492884600	0.4282000264	2.254273e−04	AVIL
ENSG00000135414	42.578359	0.294312238	0.0224706650	0.235344303	0.0676304811	0.283418339	0.0277446755	0.3386257066	8.373212e−03	GDF11
ENSG00000135424	79.477883	0.262576530	0.0273548937	0.041056896	0.7290522745	0.156644417	0.1863764750	0.3514218465	2.904523e−03	ITGA7
ENSG00000135426	682.245053	0.035138397	0.7160271724	0.025047083	0.7963537272	0.159059021	0.1011059940	0.2379146540	1.479331e−02	TESPA1
ENSG00000135439	734.733956	0.045926828	0.5517906424	0.118733890	0.1265647283	0.117644578	0.1302199919	0.1854407123	1.810625e−02	AGAP2
ENSG00000135469	128.242099	0.213013130	0.0189688029	0.286366827	0.0016849746	0.209851210	0.0217925016	0.0729339942	4.295140e−01	COQ10A
ENSG00000135473	2011.586109	0.079205203	0.1934793953	0.155171092	0.0116135675	0.167285808	0.0065232550	0.1393025870	2.518362e−02	PAN2
ENSG00000135482	239.986738	0.092773280	0.2457110063	0.157064147	0.0507126470	0.181326890	0.0241370417	−0.0781252016	3.384285e−01	ZC3H10
ENSG00000135506	10179.638938	−0.058799887	0.0828158902	−0.041199172	0.2297975263	−0.124551211	0.0002853060	−0.0312797480	3.689810e−01	OS9
ENSG00000135519	109.291249	−0.006492458	0.9606141017	−0.359562760	0.0061136260	0.039833470	0.7612765821	−0.0242291091	8.528942e−01	KCNH3
ENSG00000135535	12171.695631	0.018459415	0.7251167641	0.025974444	0.6244660429	0.046559536	0.3802341840	0.1818974178	7.130415e−04	CD164
ENSG00000135604	7895.528239	−0.001384718	0.9875832492	−0.083603203	0.3504105117	−0.231525052	0.0097174049	−0.2922515386	1.199626e−03	STX11
ENSG00000135617	351.257079	−0.164503188	0.0319029425	−0.082360506	0.2859314949	−0.061379794	0.4266292108	−0.1091893337	1.610896e−01	PRADC1
ENSG00000135624	5091.831390	−0.079386953	0.0368834148	0.056960190	0.1384731203	0.004148147	0.9141394592	0.0535005950	1.702788e−01	CCT7
ENSG00000135636	188.757233	0.101503338	0.3973128529	0.102483409	0.3910158794	0.065598641	0.5829442347	0.4450205009	1.828241e−04	DYSF
ENSG00000135643	82.997890	−0.234510560	0.0750144807	−0.266913540	0.0420378382	−0.232831834	0.0761390673	−0.2068745414	1.135358e−01	KCNMB4
ENSG00000135677	5900.588106	−0.031063648	0.7134129183	0.072881759	0.3920542173	0.019016548	0.8232973551	0.1958589992	2.254491e−02	GNS

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000135679	1.710858e+03	0.0611534387	5.057938e−01	0.132108364	0.152893777	0.1237041516	0.180795030	0.3206546871	5.677005e−04	MDM2
ENSG00000135720	2.191725e+03	−0.0353627457	5.749334e−01	0.012275514	0.847076093	0.1667125418	0.008777430	−0.0263077799	6.829485e−01	DYNC1LI2
ENSG00000135722	2.143736e+02	0.1943403403	3.606970e−02	0.124173374	0.183254738	0.0792469806	0.396354389	0.0210065089	8.234549e−01	FBXL8
ENSG00000135749	1.475152e+03	−0.0389232239	5.437323e−01	−0.120967150	0.061736119	−0.1701045411	0.008657854	−0.2330121163	3.797230e−04	PCNX2
ENSG00000135766	2.606267e+03	−0.0568552832	2.866891e−01	−0.124583484	0.020941953	−0.0559709355	0.299470016	−0.0005190816	9.924168e−01	EGLN1
ENSG00000135776	1.240875e+03	−0.0452721239	4.407789e−01	0.052455251	0.376108734	−0.0059679399	0.919878527	0.1607472196	7.291813e−03	ABCB10
ENSG00000135828	2.645927e+02	0.0817753667	3.761205e−01	0.204371208	0.027501421	0.2055364257	0.026706994	0.2932793442	1.678761e−03	RNASEL
ENSG00000135837	4.338136e+03	−0.0184465203	7.486360e−01	−0.103267594	0.075859486	−0.0771219552	0.184935019	−0.1294335590	2.799958e−02	CEP350
ENSG00000135838	9.016495e+01	−0.0093411027	9.431458e−01	0.055590500	0.670174071	0.0433985872	0.739500288	0.2550217074	4.970702e−02	NPL
ENSG00000135842	6.244029e+03	−0.0623331872	4.799731e−01	−0.190838184	0.031650706	−0.1664683801	0.060878742	−0.0277563993	7.564529e−01	FAM129A
ENSG00000135898	7.336196e+01	−0.3602196151	6.193112e−03	−0.200846465	0.125822295	−0.2431169549	0.063906472	−0.5009824506	1.277614e−04	GPR55
ENSG00000135899	9.664438e+02	0.0655360729	4.772968e−01	0.028747158	0.756578260	0.0396341234	0.669143962	0.2671484059	4.210696e−03	SP110
ENSG00000135905	8.477770e+03	0.1465137278	4.154799e−02	0.029855975	0.680537792	0.0188491113	0.794920431	−0.0245170992	7.379775e−01	DOCK10
ENSG00000135916	2.652667e+03	−0.2750279569	1.948481e−02	−0.263071250	0.025598938	−0.1311307710	0.265826242	−0.2272438917	5.413040e−02	ITM2C
ENSG00000135925	4.377727e+00	0.0469649465	6.190016e−01	0.186551423	0.048516314	0.1878048448	0.046826885	0.1140260760	2.253177e−01	WNT10A
ENSG00000135940	2.907589e+03	−0.1006466624	4.223161e−02	−0.038386197	0.443299665	−0.0614513548	0.219923104	−0.0525208070	3.007217e−01	COX5B
ENSG00000135966	2.165202e+03	−0.0616742957	2.371036e−01	−0.126618817	0.016392872	−0.0903497664	0.086800649	−0.0226804977	6.710499e−01	TGFBRAP1
ENSG00000135973	9.415193e−01	0.1378638767	3.063148e−02	0.010008213	0.874414215	0.0384643040	0.543318556	0.0740165871	2.427183e−01	GPR45
ENSG00000135976	1.570426e+02	−0.0289194566	7.981012e−01	0.171504989	0.129377190	−0.0728425062	0.520458174	−0.3488990494	2.184369e−03	ANKRD36
ENSG00000136021	2.750124e+03	0.0630838381	1.715934e−01	0.031046393	0.505934631	0.0812794260	0.081577270	0.1318825461	5.282990e−03	SCYL2
ENSG00000136048	3.011123e+02	0.1130940856	2.890406e−01	0.167097468	0.118195773	−0.0075388475	0.943880170	0.2212008451	3.943086e−02	DRAM1
ENSG00000136052	8.576729e+02	0.1446048102	1.089506e−01	0.110608406	0.223026368	0.2192535294	0.015685502	0.0552921958	5.454739e−01	SLC41A2
ENSG00000136141	1.099874e+03	−0.0464630798	5.675585e−01	−0.039094532	0.632965539	−0.0108909957	0.894168971	−0.2966461089	3.361699e−04	LRCH1
ENSG00000136143	6.940642e+02	−0.0283323422	6.512328e−01	0.079880327	0.205962432	0.1127053308	0.074381176	0.2441688529	1.277504e−04	SUCLA2
ENSG00000136147	1.765637e+03	0.1219462098	1.122672e−01	0.129255689	0.094856694	0.0984327091	0.203490992	0.2656109334	6.745215e−04	PHF11
ENSG00000136149	4.444544e+02	−0.2132620482	2.247150e−02	−0.096196406	0.305527927	−0.1142670516	0.223758664	−0.3071478627	1.172798e−03	RPL13AP25
ENSG00000136193	5.805292e+03	−0.1206373255	9.419388e−02	−0.035135602	0.628831304	0.0163085784	0.822472378	−0.1560982150	3.360533e−02	SCRN1
ENSG00000136205	2.888163e+03	−0.0553146070	4.533507e−01	−0.052533844	0.479977979	−0.1383778729	0.062897655	0.1569171660	3.670868e−02	TNS3
ENSG00000136206	1.202085e+01	−0.0256793093	8.452564e−01	−0.234962116	0.072764274	−0.2970593446	0.023208950	−0.0924874862	4.785287e−01	SPDYE1
ENSG00000136231	7.030464e+00	0.0465069981	6.242161e−01	0.065334319	0.490547968	0.0284850181	0.763456031	0.1971221902	3.708517e−02	IGF2BP3
ENSG00000136237	2.058268e+00	0.0536984308	4.139772e−01	0.130017617	0.048092685	0.0426394388	0.515452929	0.1263967169	5.431126e−02	RAPGEF5
ENSG00000136240	1.644598e+03	−0.0090345042	8.763162e−01	0.074593984	0.203004964	0.0690538471	0.238784012	0.1449334083	1.450269e−02	KDELR2
ENSG00000136243	8.880741e+02	−0.0763703862	2.998697e−01	0.164012744	0.026934847	0.1762031416	0.017483443	0.0818927055	2.744480e−01	NUPL2
ENSG00000136244	9.938497e+00	0.1230022728	1.539081e−01	0.207638072	0.015940651	0.0481282104	0.575697168	0.0774238579	3.668727e−01	IL6
ENSG00000136247	5.765237e+02	−0.1899386377	4.999625e−03	−0.091324219	0.180358876	−0.0002262831	0.997349310	−0.1788592214	9.556484e−03	ZDHHC4
ENSG00000136250	1.066428e+04	−0.1528177431	5.553994e−02	−0.087217111	0.278103039	−0.0624067901	0.437716577	−0.2166964750	7.591564e−03	AOAH
ENSG00000136270	1.459830e+03	0.0674977567	3.218623e−01	0.090067089	0.190076736	0.1036500763	0.131626950	0.1481531071	3.299519e−02	TBRG4
ENSG00000136273	6.131508e+02	0.1448296765	3.108128e−02	0.076884683	0.257160010	0.0475893359	0.483540485	−0.0375950305	5.844744e−01	HUS1
ENSG00000136280	1.654179e+03	−0.1756064356	1.028252e−02	−0.159530971	0.020846172	−0.0225668792	0.743626947	−0.0413529622	5.533215e−01	CCM2
ENSG00000136315	2.695267e+01	−0.1565024642	2.155650e−01	0.267761331	0.033790049	−0.0115021063	0.927239007	0.1352404881	2.811397e−01	AL355922.1
ENSG00000136379	1.332872e+02	0.2519635346	4.849694e−02	0.185322630	0.146232572	0.1600568139	0.209599371	0.2602991109	4.092962e−02	ABHD17C
ENSG00000136383	4.464396e+01	0.2587612164	4.922672e−02	−0.064628427	0.622487219	0.3412084652	0.009306413	0.0427138042	7.439825e−01	ALPK3
ENSG00000136404	5.294634e+02	−0.1028098255	3.852879e−01	−0.102530662	0.387031302	−0.0188935620	0.873345469	−0.4284884338	3.067693e−04	TM6SF1
ENSG00000136436	3.604824e+03	0.0550458614	4.291664e−01	0.154371974	0.027919326	0.0973210974	0.165858192	0.1699736380	1.665348e−02	CALCOCO2
ENSG00000136450	4.011491e+03	−0.0144555393	7.656055e−01	0.064673765	0.186866095	0.0914315043	0.062059870	0.1952321747	8.384459e−05	SRSF1
ENSG00000136478	8.463336e+02	−0.1225880509	2.495111e−02	−0.096934370	0.079049196	0.0084069732	0.878784599	0.0483228634	3.864025e−01	TEX2
ENSG00000136485	4.408830e+03	−0.0151397265	7.860164e−01	0.081697193	0.146921074	0.1343486624	0.017060544	0.1712461587	2.675303e−03	DCAF7
ENSG00000136490	1.444867e+04	−0.0491026627	3.484780e−01	−0.088766240	0.093584114	−0.1203414203	0.023024280	−0.0745134166	1.647473e−01	LIMD2
ENSG00000136492	3.405075e+01	0.2114160407	1.088555e−01	0.168089241	0.200995153	0.3740222892	0.004436698	0.1559453199	2.335587e−01	BRIP1
ENSG00000136518	6.782550e+02	0.0307035983	6.718140e−01	0.142266555	0.051333629	0.2180806478	0.002804910	0.1229119106	9.561819e−02	ACTL6A
ENSG00000136521	2.393469e+03	−0.1108172628	2.664004e−02	0.071065402	0.159029433	−0.0040237944	0.936502657	−0.0104524256	8.381420e−01	NDUFB5
ENSG00000136522	8.783610e+02	0.0004406754	9.931918e−01	0.129122271	0.013148195	0.0350535529	0.502032294	0.0625664163	2.360679e−01	MRPL47
ENSG00000136573	1.316298e+02	0.1184165826	2.669966e−01	0.186118933	0.080101813	0.0860975072	0.418114120	0.2102975800	4.711168e−02	BLK
ENSG00000136603	1.857045e+03	0.2963948374	8.599540e−03	0.058814542	0.602887153	−0.1056270693	0.350203420	−0.1762437899	1.200079e−01	SKIL
ENSG00000136628	3.869634e+03	−0.0624244051	1.471029e−01	−0.005380201	0.901629020	−0.0588940594	0.176349606	0.0998143101	2.367332e−02	EPRS
ENSG00000136636	8.034154e+02	−0.1410052065	4.481156e−02	−0.086991827	0.219607787	−0.0758579311	0.284565433	0.0404100268	5.719835e−01	KCTD3
ENSG00000136643	1.421314e+03	0.1363192821	1.487405e−02	0.144678913	0.010496454	0.1588814102	0.004962370	0.2885168030	4.538122e−07	RPS6KC1
ENSG00000136689	1.901474e+03	0.0378739196	7.697304e−01	0.049161586	0.703444863	−0.2665038894	0.039062427	0.0595995941	6.436713e−01	IL1RN
ENSG00000136699	2.392228e+03	0.0982941221	4.351802e−02	−0.002206703	0.964283020	0.0541735290	0.271556771	0.0336096932	5.007648e−01	SMPD4
ENSG00000136709	2.305383e+03	0.0364283508	4.005942e−01	−0.003525843	0.935915289	−0.0772462059	0.078556235	−0.1123890351	1.162323e−02	WDR33
ENSG00000136715	8.936496e+02	0.2232506493	4.506397e−04	0.064029708	0.319783147	0.0972801242	0.130678296	0.0693405319	2.869181e−01	SAP130
ENSG00000136718	1.713807e+03	−0.1418225243	1.656097e−02	−0.094239536	0.114746628	−0.1091884027	0.067759979	−0.0188064533	7.557567e−01	IMP4
ENSG00000136758	4.756971e+03	0.0280689305	4.649066e−01	0.016479481	0.671568721	0.0253661352	0.514090096	0.0837138197	3.366531e−02	YME1L1
ENSG00000136783	2.113764e+03	−0.1568949354	1.761787e−02	0.011978624	0.857390955	−0.1036835197	0.120123111	−0.1085383869	1.076323e−01	NIPSNAP3A
ENSG00000136807	2.375493e+03	0.0357427719	5.148845e−01	−0.027268756	0.623064433	−0.1065554702	0.054976173	−0.1741133251	1.967574e−03	CDK9
ENSG00000136813	3.848003e+03	0.0672807296	1.134666e−01	0.048944986	0.255036789	0.0322646935	0.453266131	0.1215506956	5.296774e−03	KIAA0368
ENSG00000136816	5.469342e+02	0.0413902444	6.790355e−01	0.061426177	0.540901518	0.0926431481	0.356448737	0.3061274844	2.413132e−03	TOR1B
ENSG00000136819	2.363930e+03	−0.0403433071	4.911109e−01	−0.086079870	0.145933193	−0.0912369022	0.123377831	−0.1255829836	3.618572e−02	C9orf78
ENSG00000136824	5.045890e+02	0.1225217097	1.832609e−01	0.047185912	0.610507260	0.2033122331	0.028059118	0.0428472441	6.460591e−01	SMC2
ENSG00000136842	1.844659e+01	0.1610940896	1.984144e−01	0.157550518	0.206801107	0.3270897758	0.008836759	0.4847664734	9.792992e−05	TMOD1
ENSG00000136861	1.048752e+03	0.0589443916	3.329646e−01	−0.022459379	0.715132341	0.0435732182	0.478760170	−0.1439914490	2.098848e−02	CDK5RAP2
ENSG00000136867	2.013836e+02	0.0156624462	8.913122e−01	0.094808126	0.408648350	0.1497845992	0.191713065	0.2646127762	2.128186e−02	SLC31A2
ENSG00000136869	2.205828e+03	0.0425689853	7.111121e−01	0.180525026	0.116829197	0.0479988825	0.676731191	0.2796487836	1.533170e−02	TLR4
ENSG00000136888	3.535356e+03	−0.1078052462	6.624163e−03	0.015878226	0.692286751	−0.0610216925	0.128702931	−0.0554525099	1.733904e−01	ATP6V1G1
ENSG00000136891	6.042967e+02	0.1285362886	6.472391e−02	0.075386636	0.283244436	0.1405300571	0.045386498	0.1087620030	1.254683e−01	TEX10
ENSG00000136895	5.906330e+01	0.2917920256	2.474659e−02	0.128898668	0.320501506	0.1677768794	0.195989980	−0.0520879670	6.875022e−01	GARNL3
ENSG00000136897	2.413388e+02	0.0698762337	4.889868e−01	0.117421940	0.246621076	0.1174618913	0.246651880	0.2161894100	3.371971e−02	MRPL50
ENSG00000136929	4.636494e+00	−0.1917352751	2.701398e−03	−0.179398644	0.004963804	−0.1439724456	0.024151506	−0.1064767396	9.511606e−02	HEMGN
ENSG00000136930	2.797832e+03	−0.1391142502	3.925406e−05	−0.028106002	0.410824949	−0.0950012691	0.005522895	−0.0510601876	1.411873e−01	PSMB7
ENSG00000136932	5.406755e+02	0.1869854597	1.572732e−02	0.161175689	0.038945791	0.0264190581	0.735554065	−0.0587459208	4.571021e−01	TRMO
ENSG00000136936	6.843143e+02	−0.0540899224	2.621614e−01	−0.098543600	0.043665992	−0.0665409372	0.173251293	−0.1840833431	2.082858e−04	XPA
ENSG00000136937	1.505694e+03	0.0485165128	4.118981e−01	0.090004294	0.131616991	0.1407596944	0.018361760	0.0962319089	1.113020e−01	NCBP1
ENSG00000136938	5.543776e+03	−0.1031127565	2.034694e−02	−0.063429357	0.158127281	−0.0851267355	0.058273523	0.0227281030	6.178803e−01	ANP32B
ENSG00000136942	1.661914e+04	−0.1752492229	4.774770e−04	−0.129660804	0.010570724	−0.1582650246	0.001806548	−0.1763789450	6.001089e−04	RPL35
ENSG00000136943	8.055168e+01	−0.0743765758	5.695444e−01	−0.003743617	0.977105557	−0.3179561214	0.014854638	−0.3014378990	2.053134e−02	CTSV
ENSG00000136982	8.907998e+00	0.1920121535	7.023281e−02	0.076585559	0.468160617	0.1584893042	0.133514026	0.2201876528	3.659531e−02	DSCC1
ENSG00000136997	2.943277e+02	0.1844159547	1.570054e−01	0.228420299	0.078517847	0.1524715128	0.240227721	0.2941018361	2.285883e−02	MYC
ENSG00000137054	4.116179e+02	−0.1473805936	5.381227e−02	−0.138803388	0.071477675	−0.1880019015	0.014782180	−0.1547124693	4.678332e−02	POLR1E
ENSG00000137055	1.372447e+03	0.1556410077	1.603160e−02	0.036349251	0.577716077	−0.0314444519	0.630384272	0.0832427318	2.074836e−01	PLAA
ENSG00000137076	3.733998e+04	−0.0536968008	3.393579e−01	−0.113105509	0.046393591	−0.0905807535	0.110685249	0.0549207440	3.395339e−01	TLN1
ENSG00000137100	1.591611e+03	−0.0655404048	1.515222e−01	−0.039772942	0.389237857	−0.1040420224	0.024538197	−0.0686822083	1.427261e−01	DCTN3
ENSG00000137103	1.538018e+03	−0.0197859969	7.707830e−01	0.052347036	0.444738792	−0.0975592496	0.154842984	−0.1402177721	4.316577e−02	TMEM8B
ENSG00000137106	2.332101e+03	−0.2508927695	3.303223e−03	−0.079635422	0.354110216	−0.2154998323	0.012187677	−0.0944155984	2.759209e−01	GRHPR
ENSG00000137133	5.727825e+02	−0.1757695770	3.147563e−03	−0.052637818	0.380049312	−0.1314456106	0.028816053	−0.1558004886	1.039704e−02	HINT2
ENSG00000137145	1.527322e+03	0.2279421139	2.235395e−03	0.009563460	0.898877144	0.0471154042	0.531271606	0.1465031741	5.378444e−02	DENND4C
ENSG00000137154	5.801014e+04	−0.1888963747	2.624225e−04	−0.074677306	0.153428698	−0.0946494269	0.070408154	−0.2185498263	3.737743e−05	RPS6
ENSG00000137161	1.032836e+04	−0.0848497311	6.472192e−02	−0.064799508	0.163030888	−0.1117363702	0.016178579	−0.0777137976	9.891383e−02	CNPY3
ENSG00000137166	4.518571e+02	0.0622567766	5.817074e−01	−0.237209171	0.036369378	−0.0836441118	0.460374276	0.1986460003	8.002329e−02	FOXP4
ENSG00000137168	2.500385e+02	−0.0489508204	5.797372e−01	−0.059590638	0.502706314	0.1757432836	0.047346226	0.2067679296	2.059059e−02	PPIL1
ENSG00000137185	4.101876e+02	−0.1481762789	7.925439e−02	−0.004410721	0.958556912	0.0294391243	0.728732943	−0.1780170643	3.785732e−02	ZSCAN9
ENSG00000137200	2.268484e+03	0.0522936985	4.550505e−01	0.011412281	0.871627489	0.0420498808	0.551588217	0.2322668931	1.131826e−03	CMTR1
ENSG00000137210	1.062504e+03	−0.0650595929	2.481507e−01	−0.091583613	0.107835873	−0.0776640039	0.172853113	−0.1779433319	2.049441e−03	TMEM14B
ENSG00000137266	1.887311e+02	−0.1392795931	2.865928e−01	−0.150116174	0.249641862	−0.0592885066	0.649330125	−0.2659558949	4.081263e−02	SLC22A23
ENSG00000137267	7.027757e+01	0.2884636802	2.719198e−02	−0.007123733	0.956425981	0.0947969689	0.467108365	−0.0004111745	9.974764e−01	TUBB2A
ENSG00000137270	4.326691e+00	−0.2246089827	1.753924e−02	−0.141264605	0.134984341	−0.1761173165	0.061891453	−0.0558310380	5.545275e−01	GCM1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000137275	1.310261e+03	0.1269262858	4.996750e−02	0.062007288	0.3430149813	0.091631539	0.1611755823	0.082870031	2.102384e−01	RIPK1
ENSG00000137288	3.870999e+02	0.0705380176	3.191064e−01	0.169296077	0.0175355956	0.150702650	0.0347042910	0.173092234	1.621901e−02	UQCC2
ENSG00000137309	7.922536e+03	0.0088376383	8.960093e−01	−0.101669151	0.1362612770	−0.188690063	0.0056988803	−0.137802701	4.583472e−02	HMGA1
ENSG00000137337	7.113697e+02	0.1365385220	3.271846e−02	−0.002391520	0.9704965733	0.052726131	0.4147190073	−0.102779670	1.169202e−01	MDC1
ENSG00000137409	5.792788e+03	0.1217364124	1.776437e−02	0.079687206	0.1248335212	0.059936963	0.2484283087	0.092832715	7.759358e−02	MTCH1
ENSG00000137441	1.280935e+01	0.1312784387	1.772983e−01	0.038791945	0.6891287815	0.190939575	0.0491693987	0.047169030	6.254843e−01	FGFBP2
ENSG00000137449	2.175663e+03	0.1043702670	1.927006e−01	−0.096414638	0.2325503611	−0.215605668	0.0076204818	−0.116786054	1.519541e−01	CPEB2
ENSG00000137462	3.553894e+03	0.0456555740	6.618949e−01	0.112962927	0.2809841967	0.038697030	0.7119066951	0.229458174	2.924130e−02	TLR2
ENSG00000137491	1.049521e+01	0.2969630335	1.049654e−02	0.146113089	0.2053970176	0.318436827	0.0058730619	0.207610572	7.096917e−02	SLCO2B1
ENSG00000137494	2.231333e+02	0.0500191681	6.071370e−01	0.055751175	0.5685474598	0.289165656	0.0030298118	0.020938797	8.313884e−01	ANKRD42
ENSG00000137496	2.103836e+03	0.0396961708	6.352304e−01	0.091991038	0.2748959271	−0.096144529	0.2540600770	−0.222628198	8.854831e−03	IL18BP
ENSG00000137502	3.995723e+02	0.0524735151	6.647707e−01	0.044780536	0.7116259887	0.073266830	0.5452978354	−0.255417767	3.513266e−02	RAB30
ENSG00000137547	8.423272e+02	−0.1760280083	2.675188e−03	−0.014244504	0.8093606946	−0.035393003	0.5492806468	0.004136588	9.448219e−01	MRPL15
ENSG00000137628	8.188340e+02	0.2888608671	2.847712e−02	0.179975374	0.1709572518	0.099394660	0.4495720646	0.545342690	3.114436e−05	DDX60
ENSG00000137713	7.123209e+02	0.1191905411	1.114039e−01	0.165830048	0.0279219271	0.076442958	0.3114928142	0.180458081	1.789898e−02	PPP2R1B
ENSG00000137720	1.848262e+02	−0.1968646306	4.796299e−02	−0.066367815	0.5062443207	−0.236004862	0.0184456341	−0.392477567	9.814093e−05	C11orf1
ENSG00000137726	5.504884e+01	0.0526937441	6.887295e−01	0.125872496	0.3370037134	0.094486167	0.4710649953	0.257182429	4.883507e−02	FXYD6
ENSG00000137804	1.878107e+02	0.3003416928	4.917649e−03	0.136708782	0.2025290842	0.260827395	0.0149579579	0.082086496	4.464121e−01	NUSAP1
ENSG00000137806	2.073789e+02	0.1071415267	3.246498e−01	0.261678742	0.0163058572	0.161052290	0.1397595992	0.161268900	1.405403e−01	NDUFAF1
ENSG00000137807	2.743626e+01	0.3396003622	3.445604e−03	0.256031198	0.0268475970	0.234573748	0.0424753073	0.090296561	4.323536e−01	KIF23
ENSG00000137815	2.227672e+03	−0.0481057732	2.792869e−01	−0.090606866	0.0440404567	−0.058356809	0.1946853192	−0.019065421	6.757399e−01	RTF1
ENSG00000137817	1.980558e+03	0.0303223142	5.504073e−01	−0.047710623	0.3530389878	−0.056265106	0.2736475676	−0.115991949	2.594706e−02	PARP6
ENSG00000137818	4.430247e+04	−0.1645769122	1.606966e−03	−0.109861066	0.0372112409	−0.117435012	0.0259453171	−0.128845146	1.587780e−02	RPLP1
ENSG00000137831	9.943467e+01	0.1125329304	3.688767e−01	0.115380393	0.3564651661	0.081421342	0.5153841843	0.282610046	2.373107e−02	UACA
ENSG00000137845	4.216279e+03	0.0665012783	2.068570e−01	0.061823441	0.2456662585	0.089395679	0.0932275422	0.169958301	1.621194e−03	ADAM10
ENSG00000137868	1.904492e+00	−0.2077350502	8.607608e−03	−0.123770443	0.1181054194	−0.147148296	0.0625035961	−0.116287150	1.414847e−01	STRA6
ENSG00000137871	1.647546e+03	−0.1132967786	3.309740e−02	−0.095851724	0.0744087255	−0.114455146	0.0332521651	−0.139641386	1.032954e−02	ZNF280D
ENSG00000137876	3.781928e+03	−0.1178959749	3.218930e−02	−0.076949655	0.1663840800	−0.150230730	0.0069228052	−0.092582725	1.002391e−01	RSL24D1
ENSG00000137878	2.385734e+00	−0.1021024637	5.424808e−02	−0.045101994	0.3952256356	−0.115719581	0.0288935636	−0.126792568	1.659097e−02	GCOM1
ENSG00000137880	4.711134e+01	−0.1145910682	3.159365e−01	−0.239354083	0.0371617169	−0.123743891	0.2802744516	0.134752813	2.370719e−01	GCHFR
ENSG00000137947	1.173173e+03	0.1962369671	2.522802e−02	0.162680791	0.0652838933	0.013922948	0.8747326614	−0.011936305	8.933299e−01	GTF2B
ENSG00000137959	1.794597e+03	0.2038574938	4.500770e−02	0.082722085	0.4145962317	−0.012408636	0.9025986932	0.358403554	3.885221e−04	IFI44L
ENSG00000137965	1.307238e+03	0.2335130562	5.950911e−02	0.128802684	0.2967543993	0.025297094	0.8376245474	0.431997366	4.373664e−04	IFI44
ENSG00000137970	1.323717e+04	−0.2377380972	9.395582e−06	−0.074649363	0.1685485474	−0.100083375	0.0649138407	−0.159202311	3.750117e−03	RPL7P9
ENSG00000138002	3.839827e+02	0.1210550748	1.175072e−01	0.065328150	0.4025790976	0.049130401	0.5294317384	0.192509498	1.428204e−02	IFT172
ENSG00000138029	4.198184e+03	−0.0816757177	1.097078e−02	0.004119931	0.8990312585	−0.065282510	0.0446712365	−0.016446740	6.177939e−01	HADHB
ENSG00000138030	9.943287e+01	−0.3134038970	1.309224e−02	−0.042171668	0.7379010368	−0.191810804	0.1283246073	−0.019223352	8.786117e−01	KHK
ENSG00000138035	1.021177e+03	0.1541687597	1.052400e−01	0.105172560	0.2716154098	0.075079091	0.4326806514	0.333598341	5.278551e−04	PNPT1
ENSG00000138050	4.389001e+02	0.1924620766	1.197406e−02	0.145205675	0.0602112191	0.018605151	0.8101947902	0.026717240	7.323620e−01	THUMPD2
ENSG00000138069	2.817088e+03	0.1234802605	3.540978e−02	0.161220541	0.0065325782	0.020391966	0.7310651349	0.136580888	2.288282e−02	RAB1A
ENSG00000138073	1.272616e+03	0.0589569714	2.840238e−01	0.080758458	0.1462103730	0.120067897	0.0307482697	0.186574280	9.085654e−04	PREB
ENSG00000138078	4.347762e+02	0.0035334007	9.681166e−01	0.091730556	0.3019511793	0.040751619	0.6468288065	0.312681061	4.694580e−04	PREPL
ENSG00000138079	6.074280e+00	0.1586431194	1.828134e−01	0.101492959	0.3918645179	0.189993799	0.1093800082	0.243349761	3.966418e−02	SLC3A1
ENSG00000138134	1.290899e+02	0.0998894655	4.010016e−01	0.119857815	0.3136916802	0.181898639	0.1262027258	0.266388228	2.526365e−02	STAMBPL1
ENSG00000138135	1.418586e+01	−0.0617046282	5.549219e−01	−0.090000603	0.3875026567	0.002492644	0.9809154481	0.241251612	2.045734e−02	CH25H
ENSG00000138138	9.654985e+02	0.1317992133	3.641741e−02	0.073542299	0.2478185820	0.195769944	0.0020742552	0.216841606	7.445522e−04	ATAD1
ENSG00000138160	1.330088e+02	0.2275537163	4.881479e−02	0.064716127	0.5763006429	0.250772543	0.0301543822	0.190248417	1.008205e−01	KIF11
ENSG00000138161	1.685290e+01	−0.2926947704	2.323945e−02	−0.216424017	0.0922527294	−0.094896388	0.4606382742	−0.008388663	9.478045e−01	CUZD1
ENSG00000138172	2.212952e+03	−0.0308217923	6.451106e−01	−0.138205482	0.0407999717	0.087635244	0.1942316595	0.091416997	1.805419e−01	CALHM2
ENSG00000138180	2.599822e+01	0.2986227417	1.002029e−02	0.181524661	0.1160324077	0.269220093	0.0197894449	0.075258988	5.123349e−01	CEP55
ENSG00000138185	7.095202e+03	−0.1041427571	1.583561e−01	−0.100762803	0.1758806714	−0.002206740	0.9763501900	−0.158727887	3.482328e−02	ENTPD1
ENSG00000138190	7.990634e+02	0.0856287354	1.921108e−01	0.063574723	0.3372529840	0.080892917	0.2222150533	0.195082483	3.570126e−03	EXOC6
ENSG00000138193	2.605661e+01	−0.0507547873	6.998542e−01	0.066512605	0.6123382067	0.104230440	0.4271396506	0.326902383	1.238607e−02	PLCE1
ENSG00000138246	3.931137e+03	0.0616771609	2.626995e−01	0.011568445	0.8353371272	0.092130006	0.0977889227	0.153324093	6.498552e−03	DNAJC13
ENSG00000138303	4.431146e+02	−0.0937049894	2.957949e−01	0.065324924	0.4680539565	0.135221535	0.1329690231	0.329394823	2.736745e−04	ASCC1
ENSG00000138315	6.828227e−01	0.1459082738	9.336284e−03	0.039917278	0.4739122056	0.012120390	0.8271913222	0.069905753	2.104350e−01	OIT3
ENSG00000138326	4.241270e+04	−0.1714873612	3.095443e−03	−0.050432051	0.3891326345	−0.057865415	0.3230986423	−0.133636909	2.420776e−02	RPS24
ENSG00000138378	8.774530e+01	0.2695272222	4.036105e−02	0.274119636	0.0364226163	0.350541692	0.0074640027	0.219536154	9.237338e−02	STAT4
ENSG00000138385	2.324642e+03	−0.0100648284	8.532744e−01	0.074363257	0.1759327362	0.021988305	0.6892148669	0.138653269	1.273413e−02	SSB
ENSG00000138399	8.037936e+02	0.0507914881	4.764478e−01	0.242612170	0.0007319072	0.264885660	0.0002271078	0.092517512	2.028821e−01	FASTKD1
ENSG00000138411	3.127273e+01	0.0937095412	4.762452e−01	0.146317701	0.2643661046	0.095813038	0.4647878249	0.312783446	1.660284e−02	HECW2
ENSG00000138413	9.311898e+02	−0.0005218604	9.948462e−01	0.174463066	0.0318543609	0.168512831	0.0382224536	0.391549200	1.770365e−06	IDH1
ENSG00000138443	7.961346e+02	−0.0830119445	2.179801e−01	0.008332786	0.9023904309	0.041237617	0.5439250617	−0.137232948	4.603643e−02	ABI2
ENSG00000138448	5.048809e+02	0.1645162327	4.366740e−02	0.172151204	0.0361418549	0.208736418	0.0110681795	0.192777652	1.995894e−02	ITGAV
ENSG00000138449	1.100104e+03	−0.2614461896	1.780826e−02	−0.187113173	0.0907067492	0.013008897	0.9063517132	0.107093339	3.341865e−01	SLC40A1
ENSG00000138459	9.827229e+02	0.0295540605	6.336908e−01	0.074392081	0.2345267051	0.186638466	0.0028352836	0.190632222	2.579342e−03	SLC35A5
ENSG00000138495	5.200003e+02	−0.0164563612	8.083031e−01	0.148274636	0.0298235789	0.108938594	0.1109549619	−0.047030074	4.969293e−01	COX17
ENSG00000138496	3.208184e+03	0.2273764144	6.125300e−02	0.148096892	0.2229210332	0.123487263	0.3095097593	0.506801695	3.047142e−05	PARP9
ENSG00000138592	2.291742e+03	0.1191112937	2.194277e−02	0.050935809	0.3326026328	0.028363107	0.5897197467	0.021024300	6.931035e−01	USP8
ENSG00000138594	2.303327e+03	0.0691964459	2.251016e−01	0.068709745	0.2330837683	0.118298707	0.0400535918	0.232005756	6.907149e−05	TMOD3
ENSG00000138600	1.706603e+03	0.0295910586	6.322068e−01	0.037815484	0.5446919665	0.141120056	0.0237299869	0.015326053	8.083297e−01	SPPL2A
ENSG00000138604	5.282369e+02	0.0279739437	7.153462e−01	0.052137833	0.5000601816	0.188201136	0.0147976475	0.134573374	8.426457e−02	GLCE
ENSG00000138623	1.941956e+03	−0.0887402910	3.718943e−01	−0.155020263	0.1205095733	−0.319343682	0.0013862387	−0.430366378	1.825072e−05	SEMA7A
ENSG00000138629	1.947096e+03	−0.1331032021	1.015410e−02	−0.059881860	0.2523235878	−0.055744098	0.2867571081	−0.135802665	1.042921e−02	UBL7
ENSG00000138642	3.984060e+02	0.1496360845	2.215304e−01	0.069350799	0.5710244538	−0.057584027	0.6381594864	0.457884755	1.825412e−04	HERC6
ENSG00000138646	4.130689e+02	0.2136204194	9.147079e−02	0.144344515	0.2522984421	0.042159165	0.7380945013	0.562739549	7.313338e−06	HERC5
ENSG00000138669	1.647730e+00	0.1523844326	2.515385e−02	0.096883407	0.1532641078	0.037978500	0.5742789265	0.101837936	1.328242e−01	PRKG2
ENSG00000138678	3.629047e+03	0.2208120620	1.203645e−02	0.138065234	0.1187546773	0.046960033	0.5957474372	0.149078198	9.465817e−02	GPAT3
ENSG00000138722	9.425681e+00	−0.0378041949	7.142299e−01	−0.288599260	0.0049016705	−0.156402206	0.1278416358	−0.094001022	3.590268e−01	MMRN1
ENSG00000138738	6.192676e+00	0.0013455451	9.863132e−01	0.033190072	0.6717887823	0.176712504	0.0242580127	0.108769638	1.643315e−01	PRDM5
ENSG00000138744	3.593884e+03	−0.2393896884	1.065062e−03	−0.052283114	0.4782963883	−0.146294268	0.0473195120	−0.249000754	8.342557e−04	NAAA
ENSG00000138750	8.980928e+02	0.2210295331	2.464403e−04	0.134810327	0.0269977938	0.143987987	0.0182216208	0.176974963	4.108872e−03	NUP54
ENSG00000138755	1.725113e+02	−0.0358208516	7.825625e−01	−0.082612542	0.5229223061	0.006498694	0.9599205266	−0.275756258	3.211404e−02	CXCL9
ENSG00000138760	2.620576e+03	0.1084730619	1.317063e−01	0.082779898	0.2540587359	0.104062157	0.1516597663	0.206566306	4.845416e−03	SCARB2
ENSG00000138768	2.199762e+03	0.0959656526	4.882864e−02	0.083276942	0.0908318166	0.161936673	0.0010035025	0.257660322	2.352384e−07	USO1
ENSG00000138772	4.110581e+00	0.1378454837	6.771038e−02	0.050841664	0.4991244977	0.047003338	0.5317588933	0.179543343	1.697934e−02	ANXA3
ENSG00000138777	2.036263e+03	−0.1548914515	9.098762e−03	−0.063021763	0.2931150841	−0.085937416	0.1518585669	−0.134713255	2.647784e−02	PPA2
ENSG00000138778	3.835863e+01	0.3191327984	1.468704e−02	0.261137142	0.0450858934	0.334319947	0.0103100979	0.188646559	1.457420e−01	CENPE
ENSG00000138785	5.131479e+02	−0.1331072215	4.789672e−02	0.002358871	0.9722112490	−0.151749752	0.0255567718	−0.142557525	3.792180e−02	INTS12
ENSG00000138794	2.390498e+02	0.1546467867	4.254354e−02	−0.034799556	0.6524421608	0.083890257	0.2765001752	0.180853018	1.970302e−02	CASP6
ENSG00000138814	2.086284e+03	0.0506865606	3.423614e−01	−0.003400070	0.9497647500	−0.054591465	0.3121244781	0.117924891	3.086917e−02	PPP3CA
ENSG00000138829	1.680761e+02	0.1198850980	2.363064e−01	0.246712165	0.0145221344	0.158458380	0.1164314285	0.154917995	1.234674e−01	FBN2
ENSG00000138834	7.858337e+03	−0.0338278677	6.232858e−01	−0.094013190	0.1760983802	−0.062902859	0.3653732043	−0.224959342	1.366758e−03	MAPK8IP3
ENSG00000138964	1.395437e+04	0.0015451341	9.778747e−01	−0.023047111	0.6822525091	−0.084128027	0.1351192554	−0.116717124	4.066205e−02	PARVG
ENSG00000139083	5.455956e+03	0.1485908402	2.722389e−03	0.025642258	0.6090743604	0.092336007	0.0655206027	0.078232806	1.235726e−01	ETV6
ENSG00000139112	2.765046e+03	0.1322494455	2.690847e−01	0.042406848	0.7232233712	−0.142910953	0.2327072717	−0.323578613	6.936086e−03	GABARAPL1
ENSG00000139117	7.049982e+02	0.2282903891	6.088235e−04	0.133772815	0.0468822041	0.177763391	0.0082646792	0.204374299	2.646136e−03	CPNE8
ENSG00000139146	2.738222e+03	−0.0968929088	1.283989e−01	−0.117160162	0.0686266757	0.010746340	0.8673100891	−0.155915503	1.662817e−02	FAM60A
ENSG00000139163	1.483040e+03	0.0793592527	3.286304e−01	0.115834051	0.1568386799	0.197019068	0.0160206094	0.352365146	1.944328e−05	ETNK1
ENSG00000139168	8.533676e+02	−0.1201812258	7.484659e−02	−0.104833899	0.1235409053	−0.069490262	0.3073450214	−0.167258679	1.516204e−02	ZCRB1
ENSG00000139180	7.682724e+02	0.0089668688	8.761909e−01	0.036333911	0.5316644775	0.042726025	0.4623116798	0.123694316	3.527497e−02	NDUFA9
ENSG00000139187	7.686536e+01	−0.2701882299	3.789682e−02	0.079036769	0.5424476804	0.073284553	0.5722617041	−0.043344156	7.377439e−01	KLRG1
ENSG00000139218	6.190926e+03	0.1627530294	1.763167e−03	0.074125444	0.1588612862	0.094562181	0.0722956258	0.128242254	1.612655e−02	SCAF11
ENSG00000139239	8.666655e+03	−0.1377584680	1.357580e−02	−0.138240047	0.0142311108	−0.134323030	0.0172301426	−0.128353025	2.460849e−02	AC078814.1
ENSG00000139278	1.087816e+04	−0.1036658203	5.379068e−02	−0.037624435	0.4885334550	−0.142967792	0.0085047117	−0.157032514	4.325770e−03	GLIPR1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000139289	183.685966	0.1740132304	1.659612e−01	−0.060765573	0.627189558	−0.288946227	0.0208884765	−0.206722966	9.680192e−02	PHLDA1
ENSG00000139291	953.810915	0.0010257668	9.860656e−01	0.020017301	0.735776616	0.034413755	0.5619605246	0.144457009	1.592410e−02	TMEM19
ENSG00000139318	1253.827791	0.1484431719	2.597520e−01	0.155913399	0.235182093	0.217163867	0.0982344090	0.274611071	3.586106e−02	DUSP6
ENSG00000139323	618.648027	−0.1266509603	3.177072e−02	0.024594410	0.678672072	−0.033515390	0.5732063392	0.044492371	4.589608e−01	POC1B
ENSG00000139343	1128.896946	−0.1770178949	5.540703e−04	−0.032274639	0.532369065	−0.080133684	0.1216217019	−0.068961507	1.881682e−01	SNRPF
ENSG00000139344	37.688433	−0.0483496363	7.120577e−01	0.290420487	0.026196165	−0.113188612	0.3858069713	0.058314046	6.536402e−01	AMDHD1
ENSG00000139370	977.708590	0.2628046192	7.413245e−03	0.159651413	0.105536998	0.197613557	0.0451298660	0.219506904	2.691300e−02	SLC15A4
ENSG00000139372	992.695210	0.0376229905	5.145581e−01	0.110594699	0.057609891	0.098988364	0.0894778969	0.160931375	6.323393e−03	TDG
ENSG00000139496	1350.935228	0.2392148986	2.558355e−03	0.140014009	0.079883921	0.136274543	0.0883338341	0.147007201	6.846023e−02	NUP58
ENSG00000139508	1089.110192	−0.1140407597	1.433586e−01	−0.099479981	0.205242622	−0.014033210	0.8581395062	−0.193069272	1.493425e−02	SLC46A3
ENSG00000139531	517.020481	−0.1705105116	4.131354e−02	−0.010681375	0.898840685	−0.031945546	0.7039597893	−0.129334583	1.273620e−01	SUOX
ENSG00000139572	114.985630	0.2888426526	2.845170e−02	0.262469780	0.045785873	0.095771249	0.4661064069	0.153766392	2.399931e−01	GPR84
ENSG00000139618	185.043166	0.2710436378	1.505630e−02	0.148494993	0.184207853	0.111621790	0.3184839960	0.025281181	8.218874e−01	BRCA2
ENSG00000139620	1418.227416	0.0602779182	4.212871e−01	−0.058705545	0.437493510	−0.117711847	0.1196953956	−0.167689102	2.820935e−02	KANSL2
ENSG00000139626	5313.936333	0.0531660259	5.185630e−01	0.063530203	0.443722464	0.078211441	0.3457341809	0.244103669	3.528215e−03	ITGB7
ENSG00000139631	599.878445	0.1894631748	3.299200e−02	0.102898556	0.250089362	0.182108727	0.0417459268	0.137235370	1.278179e−01	CSAD
ENSG00000139637	1140.788065	−0.0561142002	2.784356e−01	−0.048056152	0.358314973	−0.109420404	0.0367938991	−0.047256779	3.727657e−01	C12orf10
ENSG00000139684	2621.448512	−0.1794254085	7.692231e−05	0.025096998	0.583697246	−0.057333005	0.2111440856	−0.053154481	2.527644e−01	ESD
ENSG00000139714	22.580389	0.3061072318	1.940533e−02	0.095270211	0.466364001	0.451511064	0.0005434061	0.363252951	5.269368e−03	MORN3
ENSG00000139718	4581.347011	−0.0346258486	6.531171e−01	−0.219027170	0.004804936	−0.033464214	0.6665239557	−0.064031633	4.141629e−01	SETD1B
ENSG00000139719	499.369450	0.0363290283	4.620280e−01	−0.048989420	0.328293750	0.064345550	0.1977211627	0.217598241	1.475741e−05	VPS33A
ENSG00000139722	392.024716	0.3061294274	1.809703e−02	0.280557519	0.029987096	0.051189401	0.6921688947	0.201628312	1.179699e−01	VPS37B
ENSG00000139725	460.969372	−0.0566064832	5.364934e−01	−0.173785015	0.059465741	−0.111228985	0.2276128615	−0.216803794	1.956473e−02	RHOF
ENSG00000139746	2488.315920	0.1017943595	4.559447e−02	0.090003620	0.080384946	0.106681424	0.0382576061	0.050691618	3.312873e−01	RBM26
ENSG00000139826	2025.565852	−0.1039326272	1.218971e−01	−0.128428197	0.058268010	−0.097687615	0.1497704536	−0.201417507	3.320528e−03	ABHD13
ENSG00000139835	4.547886	0.2054724134	3.950725e−02	0.196285493	0.048612466	0.260312868	0.0089598219	0.232986456	1.883582e−02	GRTP1
ENSG00000139842	2425.149205	0.0120572036	7.697316e−01	−0.018450484	0.658112014	0.080174785	0.0543018515	0.091553497	3.009038e−02	CUL4A
ENSG00000139880	5.071026	0.2180930578	2.546553e−02	0.161859147	0.096003625	0.120871686	0.2130217192	0.222615950	2.175954e−02	CDH24
ENSG00000139970	7990.736023	−0.1322239107	5.238914e−02	−0.174060650	0.011383909	−0.120223753	0.0804680292	−0.077985167	2.620742e−01	RTN1
ENSG00000139990	2794.657826	0.0106196171	8.088582e−01	−0.036641756	0.409376415	−0.088440782	0.0466514848	−0.032976239	4.642037e−01	DCAF5
ENSG00000139998	57.515110	0.1058786690	4.112033e−01	0.031675414	0.805572536	0.295038066	0.0217255415	0.117404530	3.602060e−01	RAB15
ENSG00000140025	81.020251	−0.0732270130	5.396236e−01	−0.013267776	0.911503582	0.003189446	0.9786902213	−0.247039862	3.913803e−02	EFCAB11
ENSG00000140067	1.864226	0.0012688977	9.826943e−01	−0.019174692	0.742754249	0.121959596	0.0372822089	0.018446676	7.520577e−01	FAM181A
ENSG00000140107	2.087640	0.1983780927	1.619040e−02	0.201247255	0.014542008	0.195393343	0.0174671332	0.059272263	4.681038e−01	SLC25A47
ENSG00000140199	4592.371088	0.0233669693	6.244083e−01	0.054332896	0.260168080	0.113794301	0.0183490350	0.116103017	1.756022e−02	SLC12A6
ENSG00000140262	2259.022088	0.0765945761	1.548732e−01	0.017220641	0.751723031	0.023426783	0.6669963880	0.137982471	1.227112e−02	TCF12
ENSG00000140264	11235.534683	−0.0770671428	7.097138e−02	−0.018450668	0.669085903	−0.107799702	0.0125497111	−0.079163596	7.060098e−02	SERF2
ENSG00000140307	1313.655904	−0.0895522539	1.528459e−01	0.018032230	0.775358466	−0.026057425	0.6802801405	−0.187748149	3.380817e−03	GTF2A2
ENSG00000140319	4906.466375	−0.1118268074	4.125235e−03	−0.031823033	0.419548424	−0.058828421	0.1358334722	−0.038578807	3.347538e−01	SRP14
ENSG00000140332	7670.738897	0.0098950888	9.062073e−01	−0.123154046	0.145336227	−0.305604544	0.0003026953	−0.164647710	5.358221e−02	TLE3
ENSG00000140350	7675.178851	−0.1083709500	3.529780e−03	−0.001317349	0.972028329	−0.066480849	0.0769598814	−0.050294732	1.871532e−01	ANP32A
ENSG00000140395	1656.802601	−0.1484757453	1.314895e−03	0.008811397	0.850097043	−0.003279238	0.9439677041	−0.040423618	3.928019e−01	WDR61
ENSG00000140398	553.060501	0.2169333044	1.921496e−02	0.221497762	0.017442195	0.165516466	0.0758388946	0.145370224	1.214285e−01	NEIL1
ENSG00000140464	2450.214587	0.1600258842	1.009283e−01	0.047169801	0.630397558	0.051476577	0.5995297392	0.365010088	2.138363e−04	PML
ENSG00000140470	9.102999	−0.0570107971	5.907023e−01	0.252960752	0.017218730	0.190317555	0.0727259616	−0.081876376	4.362973e−01	ADAMTS17
ENSG00000140479	11.304105	−0.1799889644	7.855290e−02	−0.265777284	0.009124300	−0.171005642	0.0936251065	−0.262913337	9.621304e−03	PCSK6
ENSG00000140511	476.754392	0.2005260857	1.221367e−01	0.072305249	0.575820304	0.356585004	0.0057956902	0.250726609	5.125884e−02	HAPLN3
ENSG00000140525	243.587306	0.3467582083	2.560254e−04	0.131164584	0.169905868	0.236917704	0.0130915543	0.197845618	3.967064e−02	FANCI
ENSG00000140534	7.974470	0.2063163440	4.108885e−02	0.025752371	0.797744595	0.015539185	0.8770170037	−0.006853715	9.453603e−01	TICRR
ENSG00000140545	48.692736	0.0753980783	5.223822e−01	0.164735052	0.160806544	0.299971652	0.0106825416	0.169696716	1.467111e−01	MFGE8
ENSG00000140548	3309.235518	−0.0694569436	3.023934e−01	−0.205222166	0.002539795	−0.155199646	0.0224384590	−0.125489268	6.792200e−02	ZNF710
ENSG00000140563	35.229634	0.1140473425	3.643215e−01	0.185944758	0.137729287	0.189194847	0.1309263665	0.365591501	3.381403e−03	MCTP2
ENSG00000140564	9540.452457	−0.0249066487	7.821851e−01	−0.116663558	0.198032804	−0.207981690	0.0217573947	−0.069512498	4.464729e−01	FURIN
ENSG00000140575	26297.912179	0.0005995522	9.923573e−01	−0.006578322	0.917097789	0.029219083	0.6438383407	0.146121542	2.230684e−02	IQGAP1
ENSG00000140598	625.154026	0.0900100690	2.016203e−01	−0.005877699	0.934193497	0.083569078	0.2400806455	0.141010586	4.963164e−02	EFL1
ENSG00000140612	4432.758799	−0.1831232419	1.726316e−03	−0.055616169	0.345934029	−0.036326973	0.5381717775	−0.155254875	9.370984e−03	SEC11A
ENSG00000140682	5.205876	0.0340113476	7.575794e−01	−0.034595662	0.752334993	0.239913532	0.0296284917	0.074495643	4.962905e−01	TGFB1I1
ENSG00000140740	6327.891308	−0.0856566871	2.185947e−02	0.022022067	0.559959074	−0.030573922	0.4186266826	−0.015008782	6.954536e−01	UQCRC2
ENSG00000140749	2330.390187	0.1341124922	1.645008e−01	0.146188449	0.131607059	0.137881427	0.1550181951	0.262636845	7.094836e−03	IGSF6
ENSG00000140829	2806.005304	0.1563448056	4.828883e−04	0.063553315	0.161042857	0.121075766	0.0075718839	0.119198838	9.487753e−03	DHX38
ENSG00000140836	2217.121646	−0.0693044057	4.431688e−01	−0.275006181	0.002498030	−0.113682625	0.2112341156	−0.183990508	4.457988e−02	ZFHX3
ENSG00000140853	5034.809010	0.1577947016	1.962171e−01	0.155507704	0.202810633	0.237624227	0.0516405920	0.292512459	1.660197e−02	NLRC5
ENSG00000140859	19.138784	0.0268750809	8.264406e−01	−0.175729345	0.149603036	−0.003294621	0.9784695372	−0.243945563	4.421346e−02	KIFC3
ENSG00000140931	5908.882510	−0.2123041865	1.420708e−04	−0.131133422	0.020005821	−0.093743407	0.0963226547	−0.106606107	6.183559e−02	CMTM3
ENSG00000140950	144.751660	0.0984727540	3.324813e−01	0.209056176	0.040054818	−0.028399617	0.7813121014	0.264282507	9.782900e−03	TLDC1
ENSG00000140988	36399.633516	−0.2443051669	2.942762e−04	−0.092702666	0.173405741	−0.117626488	0.0841102753	−0.224888046	1.091591e−03	RPS2
ENSG00000140990	1597.784736	−0.0838350867	7.920201e−02	−0.045020434	0.350986220	−0.126463989	0.0089141544	−0.002506537	9.591100e−01	NDUFB10
ENSG00000140992	2578.995607	−0.0782886969	1.183179e−01	−0.052600355	0.299197247	−0.064034462	0.2064733144	−0.125266001	1.474145e−02	PDPK1
ENSG00000141026	454.054321	−0.1473714137	8.092426e−02	−0.252743664	0.002986869	−0.232726518	0.0062699152	−0.232384078	6.758640e−03	MED9
ENSG00000141027	4372.510429	0.1126340053	1.126983e−01	0.092544326	0.196345325	0.038440303	0.5915592539	0.181041122	1.238404e−02	NCOR1
ENSG00000141028	17.105437	0.0756280672	5.160008e−01	0.150226154	0.195607790	0.261029118	0.0246134479	0.086059204	4.562861e−01	CDRT15P1
ENSG00000141034	458.364279	−0.1289601509	9.226098e−02	−0.195491576	0.011432266	−0.045302485	0.5571444667	−0.042828447	5.822411e−01	GID4
ENSG00000141098	215.992569	0.1435131704	5.113687e−02	0.054477075	0.464384608	0.212777144	0.0041133013	0.076927620	3.055651e−01	GFOD2
ENSG00000141101	1058.403302	−0.0770494195	1.751531e−01	−0.044602886	0.436919269	−0.188291311	0.0010638363	0.005889786	9.192247e−01	NOB1
ENSG00000141179	663.916985	−0.0255584410	7.275277e−01	0.165579190	0.024884647	0.133156487	0.0714688479	0.181598978	1.484793e−02	PCTP
ENSG00000141198	8.977465	−0.0884557103	4.453590e−01	0.096667321	0.404072513	−0.021759054	0.8506424525	0.252091106	2.919629e−02	TOM1L1
ENSG00000141255	2.482625	−0.0843868384	9.466845e−02	−0.042222364	0.402931395	−0.098859246	0.0499028689	−0.114771358	2.275701e−02	SPATA22
ENSG00000141337	724.260645	−0.1022469207	1.221786e−01	−0.058065780	0.384328968	−0.109251047	0.1021112995	−0.146370548	3.021787e−02	ARSG
ENSG00000141349	1762.688237	−0.1065477473	2.362205e−02	−0.090323472	0.057722447	−0.098286580	0.0390368797	−0.078389537	1.041557e−01	G6PC3
ENSG00000141367	7603.944779	0.1096502227	4.578242e−02	0.119278454	0.031533785	0.123516237	0.0259808503	0.253977009	6.136920e−06	CLTC
ENSG00000141446	967.817368	0.1350868179	1.107895e−01	−0.005132520	0.952043105	−0.174203019	0.0414472765	−0.108918981	2.059483e−01	ESCO1
ENSG00000141448	1.092662	0.0762637868	1.977223e−01	0.172441963	0.003691522	0.039101881	0.5073832885	0.053545460	3.642464e−01	GATA6
ENSG00000141458	472.085551	0.0746416158	4.162197e−01	0.052245410	0.571490912	0.217342334	0.0184604372	0.253843169	6.281788e−03	NPC1
ENSG00000141503	4605.973245	0.1392510882	3.642922e−02	0.062499727	0.352282506	0.137307328	0.0409860160	−0.059469300	3.815468e−01	MINK1
ENSG00000141510	2361.268587	0.0463843961	4.307434e−01	0.027544107	0.643197845	0.034753785	0.5589702054	0.220793361	2.417230e−04	TP53
ENSG00000141542	136.787746	−0.0012760111	9.908733e−01	−0.038919945	0.727783436	−0.149497187	0.1819188239	−0.241959347	3.137650e−02	RAB40B
ENSG00000141551	6248.683106	0.1720174285	3.456916e−03	0.139604788	0.018818199	0.088708100	0.1355975532	0.104642562	8.201922e−02	CSNK1D
ENSG00000141552	1138.542964	−0.0719117784	2.292262e−01	−0.106482992	0.078069286	−0.137345574	0.0231598008	−0.095661418	1.177733e−01	ANAPC11
ENSG00000141570	174.918404	−0.2083233291	7.826321e−02	−0.278494418	0.018730209	−0.224651638	0.0578930024	−0.299528100	1.154161e−02	CBX8
ENSG00000141582	2711.669195	−0.1490991375	8.986124e−02	−0.235204540	0.007852748	−0.302818450	0.0006218517	−0.241988072	6.652746e−03	CBX4
ENSG00000141642	154.382729	−0.2299810767	1.685712e−02	−0.049913197	0.604372463	−0.186035100	0.0543168331	−0.045062656	6.421106e−01	ELAC1
ENSG00000141655	88.701087	0.1752394176	1.759813e−01	−0.044408612	0.730606462	0.192485840	0.1356887483	0.359649178	5.103284e−03	TNFRSF11A
ENSG00000141664	1776.254771	0.1218104744	1.517612e−01	−0.023988631	0.779263705	−0.027554451	0.7475273844	0.181558873	3.533591e−02	ZCCHC2
ENSG00000141665	2.317615	−0.0089380136	9.185005e−01	0.275752127	0.001775831	0.137640401	0.1162173695	0.044999323	6.053512e−01	FBXO15
ENSG00000141682	4796.754210	−0.2899879911	1.593654e−02	−0.154294989	0.199872998	−0.269221151	0.0253070130	−0.339670897	4.798668e−03	PMAIP1
ENSG00000141696	13.108174	0.1013759449	4.190658e−01	0.242898846	0.052291227	0.197109811	0.1149594286	0.394283910	1.573465e−03	P3H4
ENSG00000141736	47.171019	0.0747463299	5.313995e−01	−0.292346733	0.015062199	−0.173832443	0.1477300679	−0.107269363	3.712144e−01	ERBB2
ENSG00000141753	24.147667	0.1158835613	3.464584e−01	0.265642170	0.030412799	0.043713245	0.7212683942	0.182568371	1.347958e−01	IGFBP4
ENSG00000141759	1750.366744	−0.1105025826	1.682834e−02	−0.026621630	0.568598900	−0.078452958	0.0933551168	−0.007071128	8.812124e−01	TXNL4A
ENSG00000141854	20.916499	−0.2531274321	4.873947e−02	−0.203564556	0.111670047	−0.260084181	0.0419921441	−0.211298329	9.716676e−02	MISP3
ENSG00000141858	1264.166158	−0.1468118051	7.512761e−02	−0.194340799	0.019376455	−0.111800401	0.1785037126	−0.255355320	2.321022e−03	SAMD1
ENSG00000141867	4557.900758	0.1898615384	1.081103e−03	0.047067911	0.422672238	0.021123062	0.7190323665	0.127244172	3.224287e−02	BRD4
ENSG00000141873	935.316410	−0.1768403683	3.687100e−03	−0.091067209	0.138187969	−0.233139834	0.0001530962	−0.099075103	1.110872e−01	SLC39A3
ENSG00000141956	587.764800	0.0038793394	9.561097e−01	−0.187811438	0.008407459	−0.158687346	0.0259973598	−0.129244838	7.274142e−02	PRDM15
ENSG00000141977	1.762591	0.0156380460	8.283108e−01	−0.038111292	0.596038711	0.178479313	0.0136404548	0.026560053	7.117196e−01	CIB3

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000141985	2.934421e+03	0.0599644046	3.055815e−01	−0.100819739	0.0883570080	−0.1640996727	0.0055660071	−0.0456380457	4.460026e−01	SH3GL1
ENSG00000141994	1.838274e+03	0.1367709160	4.206144e−02	0.038062894	0.5751889871	0.0303673866	0.6548699134	0.1129971388	9.988143e−02	DUS3L
ENSG00000142002	3.258979e+03	−0.0504464556	3.326801e−01	−0.125717302	0.0169675702	−0.0946226186	0.0723638296	−0.0793651926	1.367470e−01	DPP9
ENSG00000142039	1.294467e+03	0.1417083646	4.078933e−02	0.083442521	0.2326102726	0.0903638952	0.1962248620	0.1568216945	2.645415e−02	CCDC97
ENSG00000142089	5.803642e+03	0.3079880670	1.284316e−02	0.110122862	0.3718307538	−0.0277183217	0.8221466852	0.3252034240	8.048546e−03	IFITM3
ENSG00000142102	1.797594e+03	0.2980329438	1.157056e−02	0.081155481	0.4922043247	0.2745350852	0.0201498672	0.1561063687	1.869780e−01	PGGHG
ENSG00000142156	9.901488e+00	0.0134087172	8.968858e−01	0.295038161	0.0043748788	0.0141171489	0.8911029613	0.1984865932	5.397689e−02	COL6A1
ENSG00000142166	2.071202e+03	0.1141087272	7.462108e−02	0.191661044	0.0030039862	0.2128044655	0.0009864523	0.1613789030	1.353573e−02	IFNAR1
ENSG00000142168	1.682652e+03	−0.1450989741	8.971813e−04	0.004292634	0.9224420546	−0.0079345867	0.8573034748	−0.0455833316	3.081536e−01	SOD1
ENSG00000142192	5.861815e+03	−0.1090460655	7.863452e−02	−0.073646657	0.2394602173	−0.1545342195	0.0135981520	−0.1028910456	1.043808e−01	APP
ENSG00000142208	5.847939e+03	−0.0175531146	6.996866e−01	−0.062413099	0.1751534010	−0.0740710843	0.1076776860	−0.1225178649	8.669378e−03	AKT1
ENSG00000142252	4.916073e+02	−0.2126579807	1.404155e−02	−0.116321792	0.1815477783	−0.1658604800	0.0569918404	−0.0953182019	2.773675e−01	GEMIN7
ENSG00000142396	1.000083e+03	−0.0242087667	7.525040e−01	−0.078911690	0.3080592085	−0.0184438372	0.8116702233	−0.2684885862	6.017260e−04	AC020915.1
ENSG00000142405	5.043910e+02	0.0657699219	5.822741e−01	0.034961133	0.7701393148	0.0387278065	0.7462016829	0.4019478528	7.835424e−04	NLRP12
ENSG00000142409	2.342523e+03	0.0320051168	6.280764e−01	−0.071414523	0.2843692830	−0.1797372256	0.0070901653	−0.0575761948	3.934436e−01	ZNF787
ENSG00000142444	3.739475e+02	−0.1707170203	3.646251e−02	−0.287426558	0.0004833648	−0.2086170104	0.0112602621	−0.0533446659	5.193731e−01	TIMM29
ENSG00000142453	1.842900e+03	−0.0597302750	3.166828e−01	−0.147409318	0.0144886244	−0.1000057708	0.0971599098	−0.0283200571	6.422970e−01	CARM1
ENSG00000142528	1.646248e+02	0.3644580497	2.716337e−03	0.188367328	0.1215417426	0.1090993153	0.3700978726	0.2206363281	6.985619e−02	ZNF473
ENSG00000142534	7.122305e+04	−0.1620277441	1.229133e−03	−0.083999472	0.0974298900	−0.0642546430	0.2048553493	−0.1862436360	2.875690e−04	RPS11
ENSG00000142541	3.747268e+04	−0.1758888644	3.124350e−04	−0.133088225	0.0069806625	−0.1799493835	0.0002648237	−0.2188851966	1.200539e−05	RPL13A
ENSG00000142549	1.356402e+01	0.1403677240	2.473062e−01	0.034416613	0.7757545119	−0.2915991789	0.0153705533	−0.1830955621	1.265101e−01	IGLON5
ENSG00000142552	1.099488e+03	0.2331029981	1.457769e−02	0.207731440	0.0303611850	0.2328134923	0.0152370104	0.1130922958	2.415251e−01	RCN3
ENSG00000142583	3.029213e+01	0.2461924959	5.933571e−02	0.260503071	0.0452242920	0.1099790502	0.3976057434	0.1047070778	4.185075e−01	SLC2A5
ENSG00000142655	4.812043e+02	−0.0123906662	8.328651e−01	−0.092822618	0.1183970157	−0.1625721298	0.0064085768	−0.0699719304	2.445318e−01	PEX14
ENSG00000142657	4.680823e+03	−0.1204105814	4.774178e−02	−0.024800075	0.6863245868	−0.0846493973	0.1681824346	0.0362104769	5.600980e−01	PGD
ENSG00000142676	4.101038e+04	−0.1935478357	9.200711e−06	−0.066151310	0.1339412902	−0.1362599111	0.0020224955	−0.2072365490	3.660602e−06	RPL11
ENSG00000142684	3.672350e+01	0.3126758100	1.208109e−02	0.175897349	0.1584720738	0.1164839413	0.3510341111	−0.0367809189	7.686251e−01	ZNF593
ENSG00000142694	5.079340e+02	−0.0104857516	9.147171e−01	−0.059117381	0.5479795310	−0.1976901881	0.0447513779	−0.1085061236	2.731387e−01	EVA1B
ENSG00000142731	1.096154e+02	−0.0595089906	6.328962e−01	−0.028091731	0.8214716046	0.0436446724	0.7258596451	−0.2639005562	3.411595e−02	PLK4
ENSG00000142733	1.682388e+03	0.0636348008	5.387870e−01	−0.037606371	0.7174822440	−0.0148686050	0.8862480367	0.2073670870	4.699233e−02	MAP3K6
ENSG00000142794	2.507660e+01	0.1886497780	9.506371e−02	0.032686623	0.7714114362	0.2427234105	0.0311415615	0.2621060638	1.947334e−02	NBPF3
ENSG00000142864	7.826697e+03	−0.0398221810	1.801448e−01	0.016307560	0.5874852442	−0.0175766976	0.5589835148	0.1063977248	4.865543e−04	SERBP1
ENSG00000142867	9.903642e+02	0.1531286850	2.825046e−02	0.044919999	0.5238988402	−0.0427602578	0.5445108555	0.0262295039	7.128082e−01	BCL10
ENSG00000142875	2.270226e+03	0.1263231233	7.884918e−02	0.028760538	0.6916722956	0.1962337907	0.0067862206	0.2584500486	4.169227e−04	PRKACB
ENSG00000142910	5.339393e+00	0.2244605682	1.267939e−02	0.132366857	0.1401592435	−0.0130501889	0.8839604430	0.0682719240	4.445045e−01	TINAGL1
ENSG00000142920	4.775896e+00	0.2154001070	1.784792e−02	−0.022957484	0.7993127323	−0.0454627574	0.6141558330	−0.0284259763	7.521155e−01	AZIN2
ENSG00000142937	4.485005e+04	−0.2017231676	8.064529e−05	−0.076654162	0.1383138746	−0.1042805308	0.0437796145	−0.2578122780	8.692803e−07	RPS8
ENSG00000142945	1.981213e+01	0.3182643716	7.603165e−03	0.033956287	0.7746238417	0.0958180068	0.4191850474	0.0993448887	3.999527e−01	KIF2C
ENSG00000143119	1.282861e+04	0.0421903303	4.854902e−01	0.100062685	0.1013961909	0.0714522321	0.2421364742	0.1491412892	1.585366e−02	CD53
ENSG00000143153	2.264970e+03	0.0850343750	4.600003e−01	0.080071261	0.4872850622	−0.0966382534	0.4018833320	−0.2485852103	3.141422e−02	ATP1B1
ENSG00000143155	1.161776e+03	0.0260908281	6.255665e−01	0.111144394	0.0394148226	0.1281024442	0.0176287662	0.1935340870	3.937933e−04	TIPRL
ENSG00000143156	8.678460e+01	−0.1106224717	3.354539e−01	0.103737390	0.3655547614	0.0293471899	0.7982948159	0.3694052494	1.259055e−03	NME7
ENSG00000143158	1.039095e+03	−0.0882553875	8.973889e−02	−0.064687827	0.2182564330	−0.0754251406	0.1514985309	−0.1212785924	2.289119e−02	MPC2
ENSG00000143183	1.374983e+03	0.0269633111	6.630074e−01	0.056433834	0.3661787042	0.0778614783	0.2125552354	0.1505936825	1.712863e−02	TMCO1
ENSG00000143185	1.080933e+00	0.0236318348	6.721637e−01	0.006484170	0.9074272740	0.1927290147	0.0005864918	0.0454310148	4.154972e−01	XCL2
ENSG00000143207	1.595471e+03	0.1499872006	1.457574e−02	0.121035451	0.0509410029	0.0671792550	0.2789661759	0.1464732445	1.960124e−02	RFWD2
ENSG00000143217	7.252159e+00	−0.2051990531	7.300344e−02	−0.027180369	0.8122688022	−0.2692745200	0.0179699252	−0.1527664364	1.791607e−01	NECTIN4
ENSG00000143222	2.979678e+03	−0.1524562393	6.830447e−04	−0.030491566	0.5013804692	−0.0787380517	0.0827751707	−0.1105877038	1.624408e−02	UFC1
ENSG00000143248	8.602622e+00	0.0019410792	9.878035e−01	−0.130735086	0.3002136951	−0.2573602597	0.0408351924	−0.0436710711	7.285646e−01	RGS5
ENSG00000143252	1.792296e+03	−0.0772801501	4.414412e−02	0.051690257	0.1822393592	0.0086522002	0.8236120051	0.0124113371	7.523597e−01	SDHC
ENSG00000143256	9.573304e+02	0.0583899054	2.433330e−01	0.102452457	0.0425900672	0.0096297089	0.8492599754	0.0779469766	1.283980e−01	PFDN2
ENSG00000143258	8.937781e+02	0.0554790283	3.187609e−01	0.017417460	0.7569363017	0.1228340902	0.0288693144	0.0742960378	1.916884e−01	USP21
ENSG00000143294	1.758218e+03	0.0781887370	1.060093e−01	0.019854465	0.6849049228	0.0039022196	0.9364787481	0.1324469231	7.517493e−03	PRCC
ENSG00000143297	7.353882e+01	0.1660056641	1.268859e−01	0.180488980	0.0959063479	0.2273216142	0.0359898559	0.2390533657	2.680619e−02	FCRL5
ENSG00000143314	7.251742e+02	−0.1323336088	2.080058e−02	0.025432824	0.6589221396	−0.0930952407	0.1072676788	0.0226705861	6.978598e−01	MRPL24
ENSG00000143319	1.233040e+03	0.1757262133	2.115122e−02	0.128182069	0.0953358209	0.0551616852	0.4731782946	0.0859950357	2.680274e−01	ISG20L2
ENSG00000143320	2.598200e+01	0.2588618381	4.914239e−02	0.068542626	0.6015494827	0.0592244930	0.6518893442	−0.0808712519	5.364342e−01	CRABP2
ENSG00000143324	1.230593e+03	0.0615514730	5.078605e−01	0.102428230	0.2731131970	0.0971217353	0.2987999813	0.2208708544	1.888183e−02	XPR1
ENSG00000143341	7.226335e−01	0.0001203802	9.979339e−01	0.104113364	0.0256684974	0.0763955616	0.1007342717	−0.0001762159	9.969709e−01	HMCN1
ENSG00000143353	2.597511e+02	−0.0287167204	7.414038e−01	0.172388398	0.0482499454	0.1275311348	0.1445160527	0.0468589592	5.950731e−01	LYPLAL1
ENSG00000143363	5.130554e+02	−0.2408500708	4.755397e−04	−0.177902811	0.0104483873	−0.0375015356	0.5886752876	−0.0485199538	4.884964e−01	PRUNE1
ENSG00000143365	8.996258e−01	−0.0292701816	6.294230e−01	0.025805871	0.6712844149	0.1233298200	0.0431514478	−0.0542238189	3.695271e−01	RORC
ENSG00000143369	3.612166e+01	0.2880915986	2.786745e−02	0.161622286	0.2163693354	0.0402724383	0.7581778060	0.3990270441	2.186258e−03	ECM1
ENSG00000143374	7.568249e+02	0.0238009088	6.772738e−01	0.004801986	0.9337454617	0.0276004691	0.6328841608	0.1363734914	1.953297e−02	TARS2
ENSG00000143376	1.508749e+03	0.1305266784	1.103522e−01	0.045744574	0.5786647699	0.1484451877	0.0714597301	0.3761167676	5.878699e−06	SNX27
ENSG00000143393	3.798415e+03	0.0864238205	4.253532e−02	0.018485196	0.6681326485	−0.0003483107	0.9935575743	−0.0099966270	8.192606e−01	PI4KB
ENSG00000143420	4.691228e+03	−0.0415454773	2.649088e−01	0.023140184	0.5392160174	−0.0804044859	0.0330975135	−0.0422767766	2.692093e−01	ENSA
ENSG00000143436	1.221373e+03	−0.1167521364	9.191969e−03	−0.089877065	0.0471424301	−0.1385978168	0.0022491051	−0.0176793120	7.000284e−01	MRPL9
ENSG00000143437	1.753908e+03	0.0902425112	1.117773e−01	0.122425721	0.0326921651	0.1074104057	0.0610648617	0.0965871862	9.612538e−02	ARNT
ENSG00000143442	2.737443e+03	0.1722070178	9.200920e−03	0.075535579	0.2578043790	0.0624006926	0.3499740154	0.0841239208	2.127921e−01	POGZ
ENSG00000143450	2.532488e+01	0.1033310069	4.282132e−01	0.123966804	0.3407349320	−0.2661422521	0.0413753956	0.2258614513	8.156798e−02	OAZ3
ENSG00000143452	3.946792e+01	0.2260480414	8.605420e−02	0.253365115	0.0536595936	0.4709880710	0.0003334857	0.1906802549	1.450121e−01	HORMAD1
ENSG00000143457	3.155236e+02	0.1268309475	1.350040e−01	0.041087468	0.6309975906	0.3272932729	0.0001226636	0.3542720038	3.696457e−05	GOLPH3L
ENSG00000143476	3.056480e+01	0.2999692684	1.492263e−02	0.204352860	0.0959220800	0.1810531096	0.1400656998	0.1446379941	2.360055e−01	DTL
ENSG00000143479	1.039834e+01	0.3621808050	7.466354e−04	0.341435772	0.0014270895	0.1118637849	0.2944387582	0.1125923216	2.894317e−01	DYRK3
ENSG00000143486	2.002330e+03	−0.1316330242	1.197452e−02	−0.090978516	0.0856122858	−0.1464099382	0.0057105473	−0.1325153510	1.349553e−02	EIF2D
ENSG00000143493	5.247016e+02	0.1925075642	1.852392e−02	0.087589217	0.2878571415	0.1734270659	0.0352540286	0.1922135490	2.070106e−02	INTS7
ENSG00000143494	3.270690e+00	0.0136721168	8.782334e−01	0.124897623	0.1618127856	0.1659620065	0.0630445443	0.2453835522	6.101888e−03	VASH2
ENSG00000143498	6.013568e+01	0.1990198765	1.220622e−01	0.204164665	0.1121001841	0.2625786816	0.0409945156	0.2689962993	3.589635e−02	TAF1A
ENSG00000143507	8.420090e+02	0.1819342380	1.519014e−01	0.099272480	0.4337977321	−0.1131577454	0.3723485971	−0.2513672494	4.721922e−02	DUSP10
ENSG00000143515	2.264368e+02	0.0951024073	4.647443e−01	−0.007292107	0.9552088951	0.3329082066	0.0103224030	0.0673977402	6.026830e−01	ATP8B2
ENSG00000143546	2.412577e+03	−0.0380659938	7.706514e−01	0.171250911	0.1880752230	0.0620762833	0.6332605045	0.3447034177	7.773913e−03	S100A8
ENSG00000143554	2.446282e+03	−0.0224439379	7.643674e−01	−0.063747457	0.3984265924	−0.0915124907	0.2255222469	0.2026644380	7.831138e−03	SLC27A3
ENSG00000143569	4.301465e+03	0.0764777070	9.247922e−02	0.009946452	0.8287666930	0.0411118053	0.3713633073	0.1076557499	2.087834e−02	UBAP2L
ENSG00000143570	1.521349e+03	0.0117738872	8.576612e−01	0.121240479	0.0671061853	0.1479506191	0.0254736995	0.1683223488	1.191949e−02	SLC39A1
ENSG00000143578	2.204336e+02	0.1099626469	1.543854e−01	0.171822889	0.0270001222	−0.0857950995	0.2736306412	−0.1143557340	1.480913e−01	CREB3L4
ENSG00000143590	2.465925e+01	0.1730018299	1.888452e−01	0.071098067	0.5882173121	0.3168344452	0.0157858357	0.1254092398	3.377367e−01	EFNA3
ENSG00000143595	4.065802e+00	−0.1549099600	7.930470e−03	−0.146719674	0.0118407810	−0.1428035851	0.0142606303	−0.1420959508	1.466482e−02	AQP10
ENSG00000143603	2.796517e+00	0.0648847758	4.862442e−01	0.223999428	0.0166533200	0.2542709704	0.0065530336	0.2116300089	2.313344e−02	KCNN3
ENSG00000143669	8.510973e+03	−0.0136077976	8.728070e−01	−0.064607106	0.4502888642	0.0070089950	0.9347250277	−0.2154111241	1.256226e−02	LYST
ENSG00000143674	5.908895e+02	−0.1228848878	3.064444e−01	−0.255459587	0.0336189677	0.0222153603	0.8533665254	−0.0466946527	6.978618e−01	MAP3K21
ENSG00000143702	2.785337e+03	−0.0010407138	9.847049e−01	−0.048995630	0.3719352575	−0.0794413596	0.1478798700	−0.1673825143	2.619116e−03	CEP170
ENSG00000143727	2.089100e+03	−0.1243708753	1.009428e−02	−0.031190660	0.5230084544	−0.0960659780	0.0494046959	−0.1529101452	2.032971e−03	ACP1
ENSG00000143761	1.421131e+04	−0.0627912917	1.156908e−01	−0.040266940	0.3187055917	−0.1204425777	0.0028672028	−0.0474370842	2.468616e−01	ARF1
ENSG00000143776	1.206022e+02	0.1220454343	3.259840e−01	0.257947335	0.0376733824	0.2023069793	0.1032335795	0.1961179549	1.140345e−01	CDC42BPA
ENSG00000143815	3.415738e+03	0.0691845977	2.900692e−01	0.131194078	0.0468205269	0.2517667347	0.0001357357	0.2007244337	2.632539e−03	LBR
ENSG00000143842	2.740927e+00	0.3035707693	6.419198e−04	0.101456259	0.2497014142	−0.0073016932	0.9336215761	−0.0239843789	7.840735e−01	SOX13
ENSG00000143851	1.921125e+03	0.2258057721	1.185590e−02	0.159924166	0.0765106777	0.1095978250	0.2248735625	0.0360889721	6.916673e−01	PTPN7
ENSG00000143862	2.244054e+03	−0.0143530948	7.830295e−01	−0.030550605	0.5619792804	−0.1207609767	0.0220339073	−0.0473945266	3.747593e−01	ARL8A
ENSG00000143869	1.171006e+01	−0.0464663509	6.989862e−01	0.040958519	0.7325046395	0.3111629647	0.0096124755	0.0507163380	6.708617e−01	GDF7
ENSG00000143919	1.788336e+02	−0.0162603848	8.547591e−01	0.060219612	0.4997972423	−0.1776030206	0.0480362018	0.0352037945	6.954722e−01	CAMKMT
ENSG00000143947	1.377504e+04	−0.1931725969	5.018658e−04	−0.070370520	0.2095894215	−0.0400913675	0.4747232613	−0.2162065220	1.413844e−04	RPS27A
ENSG00000143952	1.068428e+03	0.1065783513	6.615937e−02	0.085111757	0.1464548153	0.1211735556	0.0387008016	0.1398262268	1.837641e−02	VPS54
ENSG00000143994	1.238998e+01	−0.2271852066	8.273647e−02	−0.031274427	0.8107913918	−0.1002770431	0.4424245791	−0.3434985569	8.118290e−03	ABHD1
ENSG00000144021	2.630709e+03	0.0782740933	5.296511e−02	0.052843701	0.1967572270	0.0877509775	0.0320793520	0.1233134974	2.950254e−03	CIAO1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000144034	5.720803e+02	−0.149181585	4.166311e−02	0.0056542785	0.9388273897	0.004159793	0.9549996824	−0.048001401	5.195431e−01	TPRKB
ENSG00000144040	1.026400e+03	−0.065141159	3.209987e−01	−0.0745218832	0.2607447519	−0.141215002	0.0332693226	−0.223785324	8.548057e−04	SFXN5
ENSG00000144118	3.195998e+03	−0.107954465	4.019494e−02	−0.0490426377	0.3562612356	−0.010275107	0.8467412018	−0.003734074	9.447112e−01	RALB
ENSG00000144161	2.423591e+02	0.189055935	1.301563e−02	0.1065448884	0.1659644467	0.151748042	0.0484586087	−0.017905885	8.182619e−01	ZC3H8
ENSG00000144199	3.245729e+01	−0.200646246	1.236750e−01	−0.3128608657	0.0161799144	−0.085584948	0.5101966346	0.024260213	8.514822e−01	FAHD2B
ENSG00000144214	2.729066e+01	0.268123824	4.142453e−02	0.4639273629	0.0004001300	0.321852686	0.0141058688	0.292444324	2.522512e−02	LYG1
ENSG00000144224	4.145057e+03	0.155742317	7.874821e−04	0.1273957991	0.0066273551	0.204212776	0.0000134272	0.152498358	1.343258e−03	UBXN4
ENSG00000144228	4.560593e+03	−0.075656744	3.197144e−01	−0.1670565982	0.0293106482	−0.058380052	0.4462640634	−0.191334546	1.345784e−02	SPOPL
ENSG00000144283	4.108566e+02	−0.206639216	5.766302e−03	−0.1200002880	0.1110420698	−0.114710396	0.1279206094	−0.004674225	9.509423e−01	PKP4
ENSG00000144354	1.946395e+02	0.192716738	1.220133e−01	0.1314415924	0.2913598161	0.163979940	0.1880675612	0.364865693	3.365573e−03	CDCA7
ENSG00000144362	1.153157e+01	0.193409456	1.252659e−01	0.2392540517	0.0571981043	0.144373245	0.2504066285	0.251828087	4.411096e−02	PHOSPHO2
ENSG00000144381	4.077256e+03	0.016851704	7.492952e−01	0.1222884697	0.0216899714	0.052049086	0.3287319925	0.127796601	1.789586e−02	HSPD1
ENSG00000144395	7.621356e+00	0.315485691	6.733572e−03	0.0950992462	0.4107098915	0.291698669	0.0118719538	−0.012170372	9.155016e−01	CCDC150
ENSG00000144426	1.997825e+03	−0.180632087	6.336380e−03	−0.0828173574	0.2147059954	−0.151568803	0.0232399298	−0.106635241	1.142554e−01	NBEAL1
ENSG00000144451	5.135108e+01	−0.153801688	2.271301e−01	−0.1651949939	0.1939933037	−0.242021779	0.0572593153	−0.366182016	3.973737e−03	SPAG16
ENSG00000144481	7.607968e−01	0.013892879	6.546326e−01	0.0611618986	0.0490305342	0.013863889	0.6550264389	0.014151514	6.484692e−01	TRPM8
ENSG00000144485	1.198830e+02	−0.133155149	2.353866e−01	−0.0554175264	0.6218725043	−0.241284144	0.0322281952	−0.249663369	2.697423e−02	HES6
ENSG00000144554	4.267693e+02	0.117564636	1.636306e−01	0.0810485218	0.3405260517	0.256975055	0.0024734327	−0.082228454	3.382999e−01	FANCD2
ENSG00000144560	7.042953e+02	−0.046077524	5.756398e−01	−0.0620953924	0.4539054521	−0.204992261	0.0135548398	−0.178494040	3.301075e−02	VGLL4
ENSG00000144645	6.743436e+01	0.151747520	2.130079e−01	0.3909185306	0.0012871805	0.316123641	0.0092255127	0.347975264	3.990195e−03	OSBPL10
ENSG00000144655	1.684616e+04	0.048374419	6.443489e−01	−0.0934421152	0.3742621604	−0.288901131	0.0060142091	−0.246433841	1.965381e−02	CSRNP1
ENSG00000144668	2.626134e+01	0.008657887	9.381332e−01	0.1088325244	0.3278516264	0.078033763	0.4827898628	0.265510949	1.660087e−02	ITGA9
ENSG00000144677	2.397897e+01	−0.381105448	6.165350e−04	−0.4886638566	0.0000104343	−0.417615037	0.0001656776	−0.461986404	2.854061e−05	CTDSPL
ENSG00000144711	5.951172e+03	0.226054718	1.653382e−03	0.0824349732	0.2553812361	0.074670673	0.3029242659	0.080162082	2.737620e−01	IQSEC1
ENSG00000144713	3.336186e+04	−0.186018305	7.562792e−05	−0.0715188289	0.1323503510	−0.083191127	0.0800417213	−0.204132520	2.266457e−05	RPL32
ENSG00000144730	1.037293e+00	0.148062749	9.255619e−03	0.0206382214	0.7153307843	0.042036338	0.4572575712	0.066059974	2.430462e−01	IL17RD
ENSG00000144736	3.771061e+02	0.203975617	1.095611e−02	0.1762540453	0.0291681826	0.218414899	0.0068703087	0.159669765	5.029506e−02	SHQ1
ENSG00000144741	6.013354e+02	−0.040749855	5.369928e−01	−0.0908244934	0.1730810692	−0.057640781	0.3873023826	−0.157347653	1.977670e−02	SLC25A26
ENSG00000144746	5.185982e+03	−0.126219558	1.091746e−02	−0.0490772263	0.3274572846	−0.004596353	0.9269254735	−0.003572296	9.439197e−01	ARL6IP5
ENSG00000144771	2.112219e+01	−0.223714213	7.351045e−02	−0.0378321908	0.7615421829	−0.039104405	0.7537168279	−0.345333981	5.293670e−03	LRTM1
ENSG00000144837	1.530026e+01	−0.112055908	3.686531e−01	−0.1149658551	0.3545058608	−0.184573089	0.1367555366	−0.321872825	9.062100e−03	PLA1A
ENSG00000144840	8.168863e+02	0.049094572	3.927060e−01	−0.0438439244	0.4505575232	0.129310160	0.0257113807	0.130629556	2.599734e−02	RABL3
ENSG00000144895	4.587804e+03	−0.112650131	4.448707e−02	−0.0136955764	0.8088750260	−0.088613450	0.1177240685	−0.035354708	5.375616e−01	EIF2A
ENSG00000144909	2.618431e+03	0.092738428	1.575415e−01	0.0069606037	0.9163185894	0.135081424	0.0413702766	0.129984796	5.230334e−02	OSBPL11
ENSG00000145002	8.181373e−01	−0.133353592	2.046348e−02	−0.1254152183	0.0292917415	−0.147747915	0.0100055040	−0.155375447	6.735668e−03	FAM86B2
ENSG00000145016	2.753678e+03	0.186346690	1.650668e−02	0.0877031055	0.2630038707	0.145113638	0.0640107770	0.204945385	9.554198e−03	RUBCN
ENSG00000145040	6.529765e−01	0.024852115	6.142809e−01	−0.0040875962	0.9338014106	−0.017572162	0.7203549357	0.104037947	3.536217e−02	UCN2
ENSG00000145041	9.570348e+02	0.216351379	9.678355e−03	0.1380659246	0.1012021746	−0.019803326	0.8143281852	0.068235654	4.221545e−01	DCAF1
ENSG00000145088	8.158394e+02	−0.010401354	8.840820e−01	0.1873642955	0.0090866492	−0.019598617	0.7854490432	−0.021984823	7.624364e−01	EAF2
ENSG00000145113	2.293458e+00	0.040526671	5.482272e−01	0.0474291573	0.4817316858	0.007756462	0.9082200366	0.155848756	2.094398e−02	MUC4
ENSG00000145194	1.557504e+02	−0.185084132	4.361689e−02	0.0013398748	0.9883553282	−0.015273116	0.8680417609	0.021647872	8.148599e−01	ECE2
ENSG00000145220	4.047773e+02	0.135682913	1.267786e−01	0.1339314638	0.1340162887	0.219050439	0.0142104340	0.301155073	8.172210e−04	LYAR
ENSG00000145244	7.197597e+00	0.061040917	5.914722e−01	0.2500507131	0.0279427878	0.058945177	0.6027364417	0.153600276	1.742345e−01	CORIN
ENSG00000145246	1.791258e+03	0.103611229	1.680521e−01	0.0905922279	0.2318760239	0.117013959	0.1225530810	0.185417754	1.538509e−02	ATP10D
ENSG00000145287	1.763258e+03	0.227475221	6.430584e−02	0.1725530532	0.1604537435	0.140372716	0.2535529799	0.374167322	2.334360e−03	PLAC8
ENSG00000145331	1.652786e+02	0.114337763	2.546417e−01	0.1784066826	0.0763237955	0.175823388	0.0808748863	0.337305640	8.447092e−04	TRMT10A
ENSG00000145337	3.509975e+02	−0.151228666	3.079651e−02	−0.0192067757	0.7850118297	−0.104875059	0.1375652666	−0.062138431	3.830190e−01	PYURF
ENSG00000145348	7.387365e+02	0.105194616	1.101754e−01	0.1765315114	0.0078458755	0.078085466	0.2404748321	0.086755774	1.969796e−01	TBCK
ENSG00000145365	2.501057e+02	0.110579500	3.070678e−01	0.0109827674	0.9194573717	0.134467720	0.2154318477	0.280806036	9.915028e−03	TIFA
ENSG00000145375	8.537080e+01	−0.169321449	1.612786e−01	−0.2499806678	0.0388387714	0.040016436	0.7402730684	0.072307858	5.491396e−01	SPATA5
ENSG00000145386	4.329896e+01	0.267944309	4.190517e−02	0.2380706703	0.0698821640	0.306746559	0.0195095394	0.334231536	1.063802e−02	CCNA2
ENSG00000145388	5.307267e+02	0.202631116	1.032383e−02	0.1492909204	0.0609106380	0.136458853	0.0868890886	0.052671622	5.128368e−01	METTL14
ENSG00000145425	3.912901e+03	−0.149184369	2.153952e−02	−0.0645828909	0.3241829011	−0.073458407	0.2621841697	−0.254437768	1.241262e−04	RPS3A
ENSG00000145439	3.128022e+02	0.082260865	2.776274e−01	0.1735683968	0.0228428417	0.225269777	0.0031287061	0.151468077	4.911489e−02	CBR4
ENSG00000145476	7.024011e+02	−0.013646212	9.116697e−01	0.1585792302	0.1972191434	0.275658641	0.0249796123	0.210950108	8.620941e−02	CYP4V2
ENSG00000145495	3.652409e+03	0.079466659	8.156180e−02	0.0646135359	0.1614737015	0.131734479	0.0043020835	−0.029385888	5.302066e−01	MARCH6
ENSG00000145545	9.721915e+02	−0.178897320	2.498180e−02	−0.0733411871	0.3613957825	−0.099879155	0.2140699604	0.022079541	7.852947e−01	SRD5A1
ENSG00000145592	2.788548e+04	−0.235561274	1.355474e−05	−0.0896366444	0.1013298908	−0.079700445	0.1451732196	−0.274041555	7.628837e−07	RPL37
ENSG00000145632	2.669700e+03	−0.171596862	1.912508e−01	−0.2710052037	0.0385108742	−0.059757322	0.6481705429	−0.459507615	4.310866e−04	PLK2
ENSG00000145649	1.061051e+01	0.028500564	7.566453e−01	0.0427857685	0.6409619793	0.198505751	0.0306733506	0.010220873	9.110286e−01	GZMA
ENSG00000145685	1.147262e+02	0.182814692	1.651818e−01	0.1855035043	0.1578538707	0.077633511	0.5545016457	0.264674125	4.312224e−02	LHFPL2
ENSG00000145703	5.667461e+03	0.054874721	4.070384e−01	0.0485641869	0.4672186556	0.037595315	0.5736020914	0.209894308	1.886192e−03	IQGAP2
ENSG00000145721	2.413994e+00	0.153462514	3.342671e−02	0.0584885344	0.4157615849	0.108880627	0.1299000554	0.091841455	2.008112e−01	LIX1
ENSG00000145730	1.093156e+02	0.134521138	2.703513e−01	−0.0101890120	0.9335191356	0.155137608	0.2036681810	0.270497641	2.660098e−02	PAM
ENSG00000145740	1.214456e+03	0.007012576	9.073544e−01	0.0224826683	0.7118071976	0.150587225	0.0132595409	0.095887344	1.191208e−01	SLC30A5
ENSG00000145741	1.861608e+04	−0.180977224	1.366311e−05	−0.0289517730	0.4915102854	−0.072468481	0.0851319865	−0.159502305	1.869847e−04	BTF3
ENSG00000145780	2.943071e+03	0.253831240	3.677167e−03	0.1284853956	0.1441195449	0.021238278	0.8092572490	−0.166363030	6.073768e−02	FEM1C
ENSG00000145782	1.166882e+03	0.137287254	4.959795e−03	0.0767474643	0.1207013065	0.040810114	0.4099086460	−0.026612846	5.961142e−01	ATG12
ENSG00000145833	3.613309e+03	−0.061446050	1.187359e−01	−0.0338327632	0.3957555264	−0.014329318	0.7191411086	−0.085954160	3.352772e−02	DDX46
ENSG00000145868	1.148128e+03	0.132224228	6.100170e−02	0.1989561722	0.0051740404	0.192527928	0.0068352633	0.168872758	1.890430e−02	FBXO38
ENSG00000145882	1.246924e+03	−0.145478006	3.812796e−02	−0.0839804027	0.2351072160	0.008866733	0.9002046691	0.050546576	4.793398e−01	PCYOX1L
ENSG00000145907	3.328981e+03	0.056619435	2.859443e−01	0.0734256281	0.1709464554	0.137115715	0.0105542994	0.078753347	1.470791e−01	G3BP1
ENSG00000145911	5.836915e+01	0.152865028	1.913098e−01	0.3079768642	0.0082660587	0.042214781	0.7171503438	0.005482337	9.622963e−01	N4BP3
ENSG00000145912	8.948835e+02	−0.112882344	1.608467e−02	−0.0111091629	0.8142714416	−0.104281669	0.0279879951	−0.010297331	8.299408e−01	NHP2
ENSG00000145996	3.691147e+02	0.164154806	3.515212e−02	0.1119188690	0.1543657979	0.198563639	0.0114413141	0.138061235	8.179908e−02	CDKAL1
ENSG00000146005	1.573995e+00	0.215487016	5.478416e−03	−0.0105653654	0.8902745513	0.120657118	0.1167723614	0.057383076	4.550667e−01	PSD2
ENSG00000146007	1.759479e+03	−0.143946624	1.098694e−03	0.0182011051	0.6825205428	−0.090587673	0.0422362668	−0.130092797	4.014648e−03	ZMAT2
ENSG00000146021	1.273580e+02	0.100915193	3.816087e−01	−0.0006730056	0.9953565663	0.247894857	0.0317360186	0.067739543	5.583788e−01	KLHL3
ENSG00000146066	2.523629e+03	−0.153034902	2.188802e−02	−0.0251086229	0.7092698848	−0.126316840	0.0608424640	−0.144230583	3.426469e−02	HIGD2A
ENSG00000146090	8.177413e−01	0.000000000	1.000000e+00	0.1341691039	0.0090345929	0.050460587	0.3237352563	0.109991021	3.191878e−02	RASGEF1C
ENSG00000146109	1.160086e+03	0.028278377	5.838783e−01	−0.0441679577	0.3978585027	−0.111188483	0.0336215853	−0.048683462	3.577790e−01	ABT1
ENSG00000146215	4.231139e+02	−0.207126602	1.136805e−01	−0.2963367213	0.0231239194	−0.317429455	0.0149708353	−0.244123332	6.015447e−02	CRIP3
ENSG00000146232	2.801438e+03	0.275378535	1.807467e−03	0.1229200485	0.1664490050	−0.002587675	0.9767672386	−0.234297695	8.905135e−03	NFKBIE
ENSG00000146242	5.270449e+00	0.277984569	1.892375e−03	0.1240120227	0.1636810026	0.106354120	0.2317796734	0.211671219	1.726666e−02	TPBG
ENSG00000146278	7.699803e+03	−0.066902550	3.808948e−01	−0.0638100503	0.4070404475	−0.153130262	0.0466496326	−0.298512247	1.230800e−04	PNRC1
ENSG00000146285	2.534752e+01	0.229296813	5.989525e−02	0.0980521650	0.4188941640	0.210257572	0.0831636060	0.282411083	1.946330e−02	SCML4
ENSG00000146373	7.573115e+02	−0.031998565	6.972631e−01	−0.1259524704	0.1286873601	−0.088322359	0.2867082723	−0.188978234	2.390449e−02	RNF217
ENSG00000146386	1.676589e+03	−0.162724189	1.596680e−02	−0.1044281639	0.1252552101	−0.203833961	0.0027896467	−0.139446582	4.299175e−02	ABRACL
ENSG00000146416	8.753686e+02	−0.147408889	2.161709e−02	−0.1890154533	0.0035468410	−0.189700596	0.0034452503	−0.269745990	3.959073e−05	AIG1
ENSG00000146425	1.295918e+03	−0.036720307	6.836537e−01	0.1120913521	0.2161165405	0.087674798	0.3333963200	0.230918479	1.138988e−02	DYNLT1
ENSG00000146453	1.265537e+01	−0.169661542	9.341337e−02	−0.0564803941	0.5756974150	−0.156550685	0.1203190891	−0.279833003	5.323135e−03	PNLDC1
ENSG00000146463	1.614610e+03	0.149752451	5.223708e−03	0.1030255395	0.0574124407	0.125924823	0.0202281214	0.128805893	1.895629e−02	ZMYM4
ENSG00000146476	6.231363e+02	0.091504312	2.027032e−01	0.1988780852	0.0059582161	0.229882245	0.0014806386	0.310719303	2.093462e−05	ARMT1
ENSG00000146535	5.560167e+03	−0.019608183	8.128582e−01	0.0249242915	0.7650919728	−0.029490812	0.7237027476	−0.167324793	4.678262e−02	GNA12
ENSG00000146540	2.940363e+03	−0.209192810	2.847691e−02	−0.0881105099	0.3585826074	−0.186933146	0.0514798158	−0.113294788	2.408169e−01	C7orf50
ENSG00000146576	1.392102e+03	−0.077725706	1.049510e−01	−0.1147826512	0.0179765325	−0.051341686	0.2897098206	−0.056340593	2.512451e−01	C7orf26
ENSG00000146587	8.064086e+02	−0.035984764	6.245157e−01	−0.0233538856	0.7526908012	−0.128013838	0.0845540353	−0.195526669	9.149269e−03	RBAK
ENSG00000146670	4.126950e+01	0.443197809	7.535408e−04	0.3572978752	0.0064147599	0.325287469	0.0130724076	0.147712882	2.575486e−01	CDCA5
ENSG00000146674	2.069566e+00	−0.002208291	9.710550e−01	0.1266096010	0.0378686995	0.015381416	0.8002078163	0.017536886	7.727660e−01	IGFBP3
ENSG00000146676	3.303150e+03	0.225452466	1.137066e−02	0.1530856731	0.0876485888	−0.078072605	0.3838995762	−0.013865204	8.780134e−01	PURB
ENSG00000146677	2.027783e+03	−0.178447149	3.012985e−03	−0.0594864025	0.3271344821	−0.105932874	0.0811509765	−0.123065967	4.529315e−02	AC004453.1
ENSG00000146701	5.400988e+03	−0.099833956	1.136857e−02	−0.0514174501	0.1974643280	−0.092702725	0.0202107467	0.043621744	2.807917e−01	MDH2
ENSG00000146729	3.118720e+03	−0.074551359	1.099380e−01	−0.0681498482	0.1484888480	−0.070535548	0.1349184214	−0.096664915	4.321375e−02	NIPSNAP2
ENSG00000146731	5.730808e+03	−0.134611029	1.792126e−04	0.0040038718	0.9122231782	−0.019743642	0.5869012554	−0.018366228	6.183365e−01	CCT6A
ENSG00000146833	8.489455e+02	0.122736433	6.434737e−02	0.0209395516	0.7547620243	0.064779388	0.3338452762	0.156204043	2.105210e−02	TRIM4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000146834	2.446026e+03	0.0995773986	1.620435e−01	0.012918138	0.8573178501	−0.062159981	3.871572e−01	−0.208694338	4.085698e−03	MEPCE
ENSG00000146859	4.353304e+02	−0.0630818484	3.543058e−01	−0.143528135	0.0371525306	−0.089393336	1.941337e−01	−0.095802262	1.680241e−01	TMEM140
ENSG00000146904	9.563119e+01	0.3450586722	4.938242e−03	0.110005279	0.3707626284	0.085747286	4.855780e−01	0.266067757	3.029203e−02	EPHA1
ENSG00000146918	3.483651e+02	0.1656711230	7.001456e−02	0.187100978	0.0418415190	0.055536947	5.465203e−01	0.100921057	2.762973e−01	NCAPG2
ENSG00000146963	1.384600e+03	0.1953901030	3.578031e−04	0.091416349	0.0988338240	0.119186708	3.142636e−02	0.042628394	4.474664e−01	LUC7L2
ENSG00000147010	8.374046e+03	−0.0427863939	2.647437e−01	−0.041948244	0.2799011594	−0.107202369	5.778166e−03	−0.022336457	5.705728e−01	SH3KBP1
ENSG00000147162	9.677497e+03	0.0110463680	8.840834e−01	0.048430194	0.5260272551	0.159642082	3.659525e−02	0.090325197	2.415986e−01	OGT
ENSG00000147164	1.090008e+03	−0.1046760896	3.119521e−02	−0.049882387	0.3091477096	−0.054974567	2.627798e−01	−0.063577431	2.013491e−01	SNX12
ENSG00000147168	7.047622e+03	−0.1590915948	3.468320e−02	0.075813080	0.3179992747	0.081421314	2.835345e−01	−0.177216958	2.086588e−02	IL2RG
ENSG00000147202	1.615290e+03	−0.0413353773	5.313704e−01	−0.116262348	0.0812214214	−0.138605968	3.771963e−02	0.053625317	4.261155e−01	DIAPH2
ENSG00000147251	6.422622e+03	0.1036025074	3.507454e−02	0.032810468	0.5092416226	0.019531547	6.944459e−01	0.151247427	2.673123e−03	DOCK11
ENSG00000147403	3.854813e+04	−0.1997819557	5.660654e−04	−0.072655080	0.2145658674	−0.073915208	2.067276e−01	−0.224990718	1.471901e−04	RPL10
ENSG00000147416	5.137413e+03	−0.0764787438	3.494515e−01	0.126681080	0.1238066580	0.112665641	1.711099e−01	0.207551260	1.244553e−02	ATP6V1B2
ENSG00000147457	9.796001e+02	0.1063920415	2.241936e−01	0.175356463	0.0464484726	0.116057913	1.877243e−01	0.265157942	2.807111e−03	CHMP7
ENSG00000147471	1.849473e+03	−0.0803448769	5.275943e−02	0.010542976	0.8013356832	0.048765989	2.444958e−01	0.175354454	3.499840e−05	PLPBP
ENSG00000147488	2.807817e+02	0.0025786618	9.829175e−01	0.012829971	0.9151952288	−0.153788231	2.020696e−01	−0.332297069	5.888951e−03	ST18
ENSG00000147535	6.284856e+02	0.1588039044	3.738447e−02	0.272719832	0.0003849628	0.110188808	1.523166e−01	0.061881289	4.259889e−01	PLPP5
ENSG00000147570	2.835403e+01	0.1020642501	4.383983e−01	0.200042662	0.1276254965	0.352847630	7.209593e−03	0.201656638	1.229373e−01	DNAJC5B
ENSG00000147604	2.265269e+03	−0.1398947902	6.250042e−02	0.019150204	0.8002469529	−0.012754546	8.662009e−01	−0.168060421	2.798445e−02	RPL7
ENSG00000147677	1.130241e+04	−0.1410944677	2.560663e−04	−0.068750290	0.0782397335	−0.094522030	1.549460e−02	−0.111422914	4.909664e−03	EIF3H
ENSG00000147687	4.580333e+02	−0.2036449833	1.306471e−02	−0.070186904	0.3948633815	0.022275829	7.870054e−01	−0.064620977	4.375317e−01	TATDN1
ENSG00000147689	6.841668e−01	0.1100199204	3.658973e−02	−0.006751429	0.8972531047	0.025140848	6.304863e−01	0.028845161	5.817664e−01	FAM83A
ENSG00000147804	2.650271e+02	−0.1079596278	2.514708e−01	−0.063130196	0.5045370590	−0.202904544	3.235454e−02	−0.141727531	1.369704e−01	SLC39A4
ENSG00000147854	1.800527e+03	0.1370248410	1.856564e−02	0.056031383	0.3408389584	0.127328211	3.038394e−02	0.061949970	2.983524e−01	UHRF2
ENSG00000147872	1.165919e+03	0.0266981180	8.160087e−01	0.254319283	0.0268755523	0.058304722	6.119456e−01	0.264452052	2.163391e−02	PLIN2
ENSG00000147883	5.283473e+00	0.0335757957	7.237920e−01	0.001868581	0.9842495637	−0.031501835	7.388696e−01	0.212986491	2.473552e−02	CDKN2B
ENSG00000148019	4.836462e+02	0.0321153943	7.129373e−01	−0.100816932	0.2517648186	0.242489114	5.709281e−03	−0.115721389	1.918337e−01	CEP78
ENSG00000148090	2.249994e+02	−0.0009742141	9.890204e−01	0.064285918	0.3667685104	0.014305244	8.413663e−01	0.292901635	4.088818e−05	AUH
ENSG00000148110	1.880393e+03	0.0097716297	8.873890e−01	0.098713966	0.1560617566	0.230250265	9.331633e−04	0.210962678	2.697614e−03	MFSD14B
ENSG00000148180	1.664369e+04	−0.1383208785	1.450161e−01	−0.171185131	0.0727865186	−0.079251235	4.061830e−01	−0.192232277	4.531524e−02	GSN
ENSG00000148218	1.964540e+03	−0.1524718497	1.120153e−03	−0.097763786	0.0386891321	−0.176975497	1.861219e−04	−0.093056442	5.220524e−02	ALAD
ENSG00000148229	2.649998e+03	−0.0888591704	5.190307e−02	−0.093016574	0.0442514892	−0.025347322	5.834590e−01	−0.161575800	5.698691e−04	POLE3
ENSG00000148290	1.450697e+03	−0.0644889133	3.580950e−01	−0.033158548	0.6394362778	−0.215976954	2.308940e−03	−0.120952032	9.106554e−02	SURF1
ENSG00000148291	3.115453e+02	−0.1819950630	1.939663e−02	−0.102407375	0.1909577304	−0.071398093	3.619798e−01	−0.045355572	5.657978e−01	SURF2
ENSG00000148303	2.671949e+04	−0.1913825246	3.378826e−05	−0.071190244	0.1271907569	−0.123120487	8.347576e−03	−0.186702693	7.970249e−05	RPL7A
ENSG00000148337	3.891653e+03	−0.0550627926	1.733743e−01	−0.068912863	0.0921866692	−0.151003560	2.277299e−04	−0.078966761	5.714815e−02	CIZ1
ENSG00000148341	1.860027e+03	−0.0593757383	2.296511e−01	−0.077515755	0.1209064074	−0.111190408	2.622151e−02	−0.111716412	2.748589e−02	SH3GLB2
ENSG00000148362	1.625503e+03	−0.0051408553	9.446637e−01	−0.122762616	0.1003810891	−0.083876035	2.616239e−01	−0.150056418	4.685035e−02	PAXX
ENSG00000148396	4.438821e+03	0.1451369619	1.908141e−02	0.025664274	0.6815599422	0.043789482	4.838713e−01	0.131356358	3.789983e−02	SEC16A
ENSG00000148399	6.456048e+02	−0.0787570021	1.834528e−01	−0.127288711	0.0335571752	−0.044965183	4.523671e−01	−0.082935423	1.705115e−01	DPH7
ENSG00000148411	2.208291e+03	−0.1067179700	1.883932e−01	−0.019043626	0.8157184000	−0.182921461	2.526169e−02	0.034828114	6.726818e−01	NACC2
ENSG00000148426	4.924178e+01	−0.3091634579	1.866066e−02	−0.458745230	0.0004670902	−0.557641710	2.115671e−05	−0.313923737	1.624703e−02	PROSER2
ENSG00000148483	5.035225e+01	0.0973950675	4.472884e−01	0.310676999	0.0150147661	0.054684198	6.683799e−01	0.151576077	2.329208e−01	TMEM236
ENSG00000148484	4.113746e+03	−0.1304520670	1.139146e−02	0.003722024	0.9430246293	−0.058354722	2.627196e−01	−0.052682017	3.182041e−01	RSU1
ENSG00000148606	6.710525e+02	0.0935273861	1.367549e−01	0.080318589	0.2055960649	0.172400883	6.541127e−03	0.185960171	3.732312e−03	POLR3A
ENSG00000148634	1.252450e+03	0.0441816135	4.362841e−01	0.113357276	0.0479093300	0.185604573	1.194538e−03	0.150124423	9.607993e−03	HERC4
ENSG00000148655	5.978276e+02	−0.1145656387	1.453861e−01	−0.100440629	0.2052242709	−0.225551897	4.514487e−03	−0.206478243	9.945131e−03	LRMDA
ENSG00000148680	1.545364e+03	−0.1445831408	9.929682e−02	−0.104945334	0.2344407675	−0.123683912	1.611930e−01	−0.211650231	1.739637e−02	HTR7
ENSG00000148688	6.210665e+02	0.0924587800	9.166586e−02	0.143856255	0.0093071167	0.156127636	4.795766e−03	0.109131720	5.161300e−02	RPP30
ENSG00000148719	2.438254e+03	0.1137886907	1.377562e−02	0.037707320	0.4198471286	−0.021550287	6.451036e−01	0.042522422	3.696958e−01	DNAJB12
ENSG00000148737	1.585976e+02	0.1078167008	3.750705e−01	0.033313898	0.7840934505	0.069146314	5.695733e−01	0.379474465	1.788026e−03	TCF7L2
ENSG00000148773	3.471992e+02	0.3742229071	4.471397e−03	0.207495132	0.1137318649	0.308852422	1.856154e−02	0.332026046	1.102982e−02	MKI67
ENSG00000148803	7.472503e+02	−0.0527345923	5.126884e−01	−0.122731334	0.1306137693	−0.123769627	1.275111e−01	−0.191574393	1.945216e−02	FUOM
ENSG00000148832	4.702848e+02	−0.1147854008	2.473686e−01	−0.087332793	0.3808175391	−0.160703000	1.070442e−01	−0.207264888	3.878347e−02	PAOX
ENSG00000148834	2.528219e+03	0.0561899582	3.336103e−01	0.073306613	0.2116465594	0.010216699	8.618816e−01	0.157027927	8.219169e−03	GSTO1
ENSG00000148842	4.794838e+02	−0.1110577823	1.075040e−01	−0.184867749	0.0080219350	−0.194200003	5.397629e−03	−0.146686138	3.720775e−02	CNNM2
ENSG00000148908	4.429609e+03	−0.1408550227	7.352654e−03	−0.063244792	0.2335645545	−0.102020706	5.473576e−02	−0.103862991	5.356068e−02	RGS10
ENSG00000148925	4.310964e+02	0.1576936538	5.900300e−02	0.220931439	0.0085566416	0.216870865	9.889449e−03	0.161437994	5.703726e−02	BTBD10
ENSG00000148926	9.911621e+01	0.3541392867	6.917698e−03	0.206942514	0.1132163720	−0.139552029	2.853263e−01	0.187194006	1.500484e−01	ADM
ENSG00000149089	7.405830e+02	0.0010051491	9.895177e−01	0.164098181	0.0330712640	0.071543433	3.533692e−01	0.165214221	3.362138e−02	APIP
ENSG00000149100	6.395168e+03	−0.0989825706	2.415161e−02	−0.015664568	0.7241574199	−0.029515429	5.061754e−01	−0.053779219	2.322417e−01	EIF3M
ENSG00000149131	4.574422e+02	0.1358496610	2.761359e−01	0.066855163	0.5905703953	0.138656694	2.645021e−01	0.419596916	6.916787e−04	SERPING1
ENSG00000149136	4.450761e+03	−0.1071983208	3.508499e−03	−0.062427478	0.0928349665	−0.083011549	2.551353e−02	−0.017740801	6.377121e−01	SSRP1
ENSG00000149196	5.948516e+02	−0.0344412348	5.503753e−01	0.135741633	0.0192625029	0.117705223	4.269490e−02	0.164311125	5.129688e−03	HIKESHI
ENSG00000149212	2.335492e+03	−0.0259025638	7.883988e−01	−0.151814810	0.1175852704	0.054111129	5.768956e−01	−0.256495790	8.604523e−03	SESN3
ENSG00000149260	4.567167e+01	0.3358029980	1.081188e−02	0.063550910	0.6283524529	0.187383246	1.535372e−01	0.175467142	1.795913e−01	CAPN5
ENSG00000149269	1.278467e+04	−0.0144351830	8.037289e−01	0.010006310	0.8645766557	0.007803234	8.941973e−01	0.158276804	7.706240e−03	PAK1
ENSG00000149273	4.495448e+04	−0.1586947355	1.392488e−03	−0.065680000	0.1907049580	−0.087422116	8.157835e−02	−0.128052795	1.182890e−02	RPS3
ENSG00000149289	2.605043e+02	0.3042359165	2.043466e−02	0.140864070	0.2818874496	−0.104650812	4.240830e−01	0.038888389	7.656812e−01	ZC3H12C
ENSG00000149292	1.945327e+02	0.2290772591	3.636539e−02	0.204828089	0.0620653483	0.228631340	3.730699e−02	0.086728354	4.314456e−01	TTC12
ENSG00000149308	6.523970e+02	0.1307805720	9.286247e−02	0.069088560	0.3786455436	0.199697959	1.086631e−02	0.090134057	2.551783e−01	NPAT
ENSG00000149311	4.800691e+03	0.0348792028	5.433335e−01	0.073025412	0.2078058640	0.159286430	5.997478e−03	−0.067105165	2.531040e−01	ATM
ENSG00000149313	7.700915e+02	−0.0142395902	8.285873e−01	0.085497499	0.1970875831	0.150547619	2.308321e−02	0.171332806	1.052345e−02	AASDHPPT
ENSG00000149357	5.964296e+03	−0.1276168979	4.815431e−03	−0.024959062	0.5855036649	−0.066439572	1.467177e−01	−0.100473616	3.039282e−02	LAMTOR1
ENSG00000149474	4.277769e+02	−0.1646654375	2.567287e−02	−0.036323289	0.6247527158	0.050004639	5.003702e−01	0.032545547	6.638682e−01	KAT14
ENSG00000149476	1.986822e+03	−0.1185984570	3.730798e−02	−0.112337130	0.0508772008	−0.151639183	8.437995e−03	−0.087344316	1.337588e−01	TKFC
ENSG00000149489	5.848054e+01	0.0015828734	9.890739e−01	0.063043499	0.5853847364	−0.157135583	1.760521e−01	−0.250240046	3.179213e−02	ROM1
ENSG00000149547	1.354410e+03	−0.1929343666	2.628466e−03	−0.083891341	0.1947006366	−0.007187195	9.115103e−01	0.022270360	7.333845e−01	EI24
ENSG00000149554	1.006555e+02	0.3081366908	1.561509e−02	0.095664974	0.4526531071	0.240733737	5.868189e−02	0.291538133	2.179265e−02	CHEK1
ENSG00000149564	7.000791e+01	−0.1336604541	3.059945e−01	−0.328092808	0.0118216853	−0.245781943	5.928889e−02	−0.215926257	9.647951e−02	ESAM
ENSG00000149582	3.058781e+01	−0.2142019747	1.042737e−01	−0.216525912	0.0995078769	0.056652829	6.664780e−01	−0.282499291	3.092943e−02	TMEM25
ENSG00000149591	9.685914e+02	0.2153076652	8.445505e−02	0.106919894	0.3913035430	0.119374972	3.385154e−01	0.250300530	4.459831e−02	TAGLN
ENSG00000149600	1.773342e+03	−0.0933965407	7.258962e−02	−0.004961544	0.9247444090	−0.110513589	3.566044e−02	0.001881007	9.718070e−01	COMMD7
ENSG00000149679	4.291831e+02	−0.0104660812	8.913665e−01	−0.189277943	0.0145334570	−0.032056338	6.783863e−01	−0.088399301	2.576314e−01	CABLES2
ENSG00000149743	4.198932e+02	0.0717139841	2.281977e−01	0.052405651	0.3838045425	−0.019185845	7.506802e−01	−0.169697965	5.616565e−03	TRPT1
ENSG00000149806	1.652522e+04	−0.1366014453	8.531227e−03	−0.107752657	0.0400997389	−0.134953681	1.014897e−02	−0.147145444	5.665296e−03	FAU
ENSG00000149823	4.962551e+03	−0.0780241451	1.921861e−01	−0.123876271	0.0403858269	−0.151919262	1.195939e−02	−0.088847677	1.463516e−01	VPS51
ENSG00000149929	1.910284e+02	−0.0239314159	7.776875e−01	−0.002592443	0.9757286289	0.152156707	7.330940e−02	0.181737593	3.389252e−02	HIRIP3
ENSG00000150051	1.205284e+01	−0.0253765693	8.393474e−01	−0.052481229	0.6737882737	0.035377064	7.767201e−01	0.243960648	4.996304e−02	MKX
ENSG00000150076	7.841295e+00	0.2332108666	4.261550e−02	0.071974342	0.5289304032	0.071021856	5.340943e−01	−0.023442005	8.365050e−01	NA
ENSG00000150337	2.262925e+02	0.1270717177	3.161585e−01	0.218562125	0.0835278488	0.267910522	3.389636e−02	0.338085216	7.145438e−03	FCGR1A
ENSG00000150347	4.896041e+02	0.2329934437	6.027610e−02	0.319589247	0.0099305618	−0.017948884	8.849212e−01	0.255099503	3.950942e−02	ARID5B
ENSG00000150433	6.890780e+02	−0.0534922457	3.870931e−01	0.132691268	0.0330236744	0.039902489	5.224143e−01	0.036109705	5.671287e−01	TMEM218
ENSG00000150457	1.610814e+03	0.1639979334	2.520994e−02	−0.012827859	0.8622729467	−0.086358161	2.431174e−01	0.111004777	1.371456e−01	LATS2
ENSG00000150477	1.539905e+02	−0.1037450705	3.235368e−01	−0.009416381	0.9287444788	−0.105294827	3.181773e−01	−0.341038035	1.330271e−03	KIAA1328
ENSG00000150593	2.415634e+03	0.0708011256	2.831849e−01	0.109595219	0.0997238628	0.152579999	2.191230e−02	0.069303336	3.034574e−01	PDCD4
ENSG00000150625	1.183225e+01	0.0024554341	9.779446e−01	0.242956083	0.0062125134	0.018115402	8.379851e−01	0.195253744	2.736457e−02	GPM6A
ENSG00000150627	9.408568e+01	0.0975534139	4.479687e−01	0.291219010	0.0231944994	0.327595263	1.065654e−02	0.161614816	2.069892e−01	WDR17
ENSG00000150753	3.871841e+03	−0.0838073057	6.026707e−02	0.056331615	0.2112906101	0.058958703	1.908739e−01	0.122328734	7.413164e−03	CCT5
ENSG00000150760	5.290499e+02	0.0264470704	8.183230e−01	−0.062439982	0.5882797573	−0.232070788	4.433122e−02	−0.060625820	5.998327e−01	DOCK1
ENSG00000150764	1.048247e+01	0.1874008329	6.726528e−02	0.302904068	0.0030582442	0.028841506	7.771379e−01	0.143638316	1.576144e−01	DIXDC1
ENSG00000150779	5.318619e+02	−0.1407708520	1.819824e−02	−0.011800296	0.8440244574	−0.072262104	2.294190e−01	−0.013464588	8.246466e−01	TIMM8B
ENSG00000150782	2.329414e+03	−0.1617003200	4.909546e−02	−0.054996719	0.5062635257	−0.122102513	1.401273e−01	−0.148886300	7.458128e−02	IL18
ENSG00000150787	4.995653e+02	0.0971890525	1.425399e−01	0.022469543	0.7373474917	−0.015281757	8.198508e−01	−0.195299215	4.096078e−03	PTS
ENSG00000150961	1.931243e+03	0.0950840038	2.630632e−01	0.102287078	0.2317853721	0.098702909	2.486047e−01	0.175850920	4.142333e−02	SEC24D

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000150967	2.673784e+01	0.330256031	1.177861e−02	0.1512506783	0.2478788811	0.1783098789	1.731427e−01	0.294282038	2.399715e−02	ABCB9
ENSG00000150977	4.467067e+03	−0.013988651	8.426938e−01	0.1575265250	0.0266901579	−0.0781976837	2.715557e−01	−0.036271539	6.138168e−01	RILPL2
ENSG00000150990	1.206786e+03	0.119290699	5.352863e−02	0.0011346585	0.9855029875	−0.0247031173	6.926015e−01	0.124619076	4.845410e−02	DHX37
ENSG00000150991	5.443317e+04	−0.082797166	1.972441e−01	−0.1041779432	0.1080285059	−0.2550093544	8.361761e−05	−0.176319097	7.175708e−03	UBC
ENSG00000151005	1.810320e+01	0.283659050	3.085661e−02	0.0968936703	0.4589694294	−0.1197696741	3.594891e−01	0.052702062	6.857628e−01	TKTL2
ENSG00000151065	2.836829e+02	−0.157668065	4.178458e−02	−0.1183601231	0.1291694416	−0.0359952791	6.441402e−01	−0.091528334	2.446153e−01	DCP1B
ENSG00000151067	5.020437e+00	0.026289544	8.231397e−01	0.1306051416	0.2663729317	0.0949908701	4.178561e−01	0.242068208	3.925591e−02	CACNA1C
ENSG00000151092	1.616227e+03	0.039500819	3.946286e−01	0.0590992931	0.2076836272	0.0655590659	1.624171e−01	0.157309698	9.249263e−04	NGLY1
ENSG00000151116	5.143272e+02	0.129260401	5.432758e−02	0.1222266733	0.0713504375	0.1850178678	6.318293e−03	0.190819079	5.329920e−03	UEVLD
ENSG00000151117	4.907168e+02	0.066950025	4.376411e−01	0.0190538642	0.8263822766	−0.0159092133	8.547843e−01	−0.232651258	8.032240e−03	TMEM86A
ENSG00000151135	1.922434e+02	0.164822516	1.302825e−01	0.2182273686	0.0457046211	0.2859367110	8.826799e−03	0.128611796	2.407123e−01	TMEM263
ENSG00000151136	6.537502e+02	0.296846860	1.456541e−02	0.1885405147	0.1208557642	0.1556808746	2.002860e−01	0.311677613	1.035347e−02	BTBD11
ENSG00000151247	4.456351e+02	0.214841517	3.407874e−02	0.1352645127	0.1841138060	0.0407022483	6.896231e−01	0.155017783	1.299322e−01	EIF4E
ENSG00000151292	7.873005e+02	−0.114855752	8.580753e−02	−0.0666326620	0.3229520853	−0.1567941408	2.023367e−02	−0.024196909	7.226143e−01	CSNK1G3
ENSG00000151332	4.499553e+02	−0.023106647	7.427420e−01	−0.0776612377	0.2747631077	−0.1319725958	6.394252e−02	−0.187298666	9.261483e−03	MBIP
ENSG00000151366	4.597071e+02	−0.233294272	1.156593e−02	−0.0305143648	0.7421911231	−0.1297887960	1.622214e−01	−0.094172664	3.135756e−01	NDUFC2
ENSG00000151414	2.008461e+03	0.087017197	1.813309e−01	−0.0117628572	0.8580184220	0.1917358594	3.516229e−03	0.178265661	7.289313e−03	NEK7
ENSG00000151465	1.598886e+03	0.023990138	5.198313e−01	0.0573203283	0.1281040195	0.0223280124	5.540888e−01	0.089754851	1.885700e−02	CDC123
ENSG00000151611	1.711054e+02	0.194344975	5.425532e−02	0.1987151572	0.0499310284	0.1198220857	2.379241e−01	0.151329369	1.379754e−01	MMAA
ENSG00000151689	3.031834e+02	0.161976828	6.834517e−02	0.0845414722	0.3450268569	0.2283544550	1.064175e−02	0.249549190	5.547338e−03	INPP1
ENSG00000151694	1.394634e+03	0.122815103	5.911445e−02	0.0916067076	0.1631924871	0.0729461946	2.670536e−01	0.196134972	3.143117e−03	ADAM17
ENSG00000151702	4.603979e+03	−0.033469140	5.117969e−01	0.0085502794	0.8682870172	−0.0025563064	9.604655e−01	0.128775087	1.366855e−02	FLI1
ENSG00000151726	1.940691e+03	0.101268974	4.108048e−01	0.3343962352	0.0065966987	0.1045752003	3.956211e−01	0.383521128	1.831721e−03	ACSL1
ENSG00000151779	1.040880e+03	0.128303834	4.149586e−02	−0.0065076024	0.9185372326	0.0210539400	7.407599e−01	0.236352654	2.336508e−04	NBAS
ENSG00000151789	5.428560e−01	−0.087243706	9.988232e−03	−0.0796693799	0.0186893161	−0.0830056506	1.421236e−02	−0.082945593	1.426007e−02	ZNF385D
ENSG00000151806	9.840634e+02	0.121353072	4.457628e−02	0.1908681505	0.0017468749	0.1656903611	6.625781e−03	0.026062886	6.733040e−01	GUF1
ENSG00000151849	2.147994e+02	0.059155325	5.640574e−01	−0.0291593793	0.7771542745	0.2236757438	2.956502e−02	−0.048334040	6.408359e−01	CENPJ
ENSG00000151917	1.695821e+02	−0.190142331	9.893131e−02	−0.2754226231	0.0170688420	−0.1954919604	9.036039e−02	−0.161448261	1.625597e−01	BEND6
ENSG00000151923	2.749790e+03	0.061162774	1.501723e−01	0.0626460576	0.1451557710	0.1016158585	1.812291e−02	0.051108836	2.411632e−01	TIAL1
ENSG00000152082	1.464665e+03	−0.119000747	8.458230e−02	−0.1669026409	0.0165412723	−0.1509367590	3.022375e−02	−0.093450488	1.841583e−01	MZT2B
ENSG00000152117	8.814791e+02	0.128347440	4.400393e−02	−0.1071253143	0.0967716933	−0.1406247728	2.941212e−02	−0.064951721	3.195153e−01	AC073869.1
ENSG00000152133	1.105640e+03	0.070825790	3.697395e−01	0.0528121736	0.5068748000	0.1693885519	3.319995e−02	0.064147830	4.244923e−01	GPATCH11
ENSG00000152217	5.840320e+02	−0.184779978	1.323546e−01	−0.2481423336	0.0432803134	−0.2546039965	3.812461e−02	−0.562653350	4.620579e−06	SETBP1
ENSG00000152223	1.337326e+03	0.158803534	2.280850e−02	0.0677335329	0.3359940701	0.0699548633	3.205060e−01	0.120409183	9.063707e−02	EPG5
ENSG00000152242	1.584368e+03	−0.041683624	4.717167e−01	−0.1210853498	0.0385986834	−0.0357034465	5.417576e−01	−0.045231607	4.452189e−01	C18orf25
ENSG00000152292	4.119172e+00	0.198293040	4.590631e−02	0.0917731266	0.3527530264	0.1255524600	2.035499e−01	−0.009073697	9.263574e−01	SH2D6
ENSG00000152348	2.664845e+02	−0.199654461	6.269062e−02	−0.0876420547	0.4149849196	−0.0301173214	7.793600e−01	−0.238123175	2.748649e−02	ATG10
ENSG00000152377	3.300854e+01	0.152048612	2.482071e−01	0.2621929031	0.0457416161	−0.0009919836	9.939671e−01	0.058191395	6.560416e−01	SPOCK1
ENSG00000152409	1.018314e+03	0.203975349	4.388270e−02	0.0653557914	0.5203518289	−0.0079057193	9.380389e−01	−0.138498587	1.755875e−01	JMY
ENSG00000152484	2.373228e+03	−0.006419459	9.160566e−01	−0.0307674274	0.6169727590	−0.0260781378	6.716826e−01	−0.179176773	4.029810e−03	USP12
ENSG00000152503	2.768284e+02	−0.045340728	6.835553e−01	−0.2117846348	0.0577147525	0.0438303411	6.941473e−01	−0.253957033	2.328931e−02	TRIM36
ENSG00000152518	1.909911e+04	−0.151388026	2.348108e−01	0.0204527776	0.8723205431	0.1198830768	3.461899e−01	0.303969222	1.674379e−02	ZFP36L2
ENSG00000152520	3.513115e+03	0.103163111	2.958071e−02	0.0749878023	0.1178868967	0.0711057838	1.382501e−01	0.003842088	9.370313e−01	PAN3
ENSG00000152582	7.056472e+01	−0.100656205	4.340241e−01	−0.3809426084	0.0030517439	−0.1219256722	3.425984e−01	−0.272992110	3.331801e−02	SPEF2
ENSG00000152642	1.098322e+03	−0.062077618	2.863257e−01	0.0714316223	0.2237757596	0.1236619905	3.516865e−02	0.038679194	5.153458e−01	GPD1L
ENSG00000152672	5.220255e+02	−0.164041034	2.104536e−01	−0.2307221363	0.0771077426	−0.0559491639	6.681734e−01	−0.286360668	2.752537e−02	CLEC4F
ENSG00000152683	5.553343e+02	0.084297000	1.561112e−01	0.1153198985	0.0544845189	0.0746415035	2.141430e−01	0.207338812	6.230259e−04	SLC30A6
ENSG00000152689	1.316809e+02	0.229178510	8.058217e−02	0.2546805375	0.0513429107	0.2320011080	7.587550e−02	0.277118761	3.318440e−02	RASGRP3
ENSG00000152749	3.592104e+02	0.270127342	1.245820e−03	0.0760271094	0.3679765721	0.1274021857	1.313294e−01	0.237548085	5.223795e−03	GPR180
ENSG00000152760	5.549641e+00	0.109854303	2.787776e−01	0.0775317273	0.4432471982	0.1985586689	4.997165e−02	−0.001174270	9.906754e−01	TCTEX1D1
ENSG00000152766	4.171687e+01	0.034802956	7.123872e−01	0.1189205733	0.2067731670	0.2244020058	1.722357e−02	0.298441308	1.483277e−03	ANKRD22
ENSG00000152767	1.961958e+02	0.210432656	6.420113e−02	0.0517526394	0.6499507995	0.2609140158	2.198643e−02	0.244140943	3.245527e−02	FARP1
ENSG00000152778	5.653164e+02	−0.005078088	9.678175e−01	−0.0633379936	0.6145245010	−0.0003313635	9.978977e−01	0.360051973	4.146382e−03	IFIT5
ENSG00000152784	2.412231e+02	0.270842262	3.452796e−02	0.1612489311	0.2075985247	0.0105977588	9.340081e−01	−0.161180707	2.071430e−01	PRDM8
ENSG00000152795	1.200978e+04	−0.104982184	4.334563e−02	−0.0890654719	0.0899205180	−0.1160657926	2.712736e−02	−0.225863042	2.200755e−05	HNRNPDL
ENSG00000152894	1.246022e+01	0.131667601	1.847311e−01	0.1248648664	0.2070626670	0.1403582435	1.560256e−01	0.252728119	1.050883e−02	PTPRK
ENSG00000152904	5.018387e+02	0.093283419	2.118171e−01	0.1920127295	0.0106554051	0.1891591839	1.192528e−02	0.307655250	5.026040e−05	GGPS1
ENSG00000152942	7.806251e+02	−0.109690169	4.194667e−02	−0.0192625408	0.7231970008	0.0407676817	4.532876e−01	0.042946497	4.350013e−01	RAD17
ENSG00000153066	2.320845e+03	0.152457486	2.422795e−02	0.0886952151	0.1939686782	−0.0257880443	7.058605e−01	0.012576041	8.555315e−01	TXNDC11
ENSG00000153094	1.476128e+03	0.062166005	5.091144e−01	−0.0299273147	0.7519572141	−0.0695227158	4.628937e−01	−0.261207394	6.160398e−03	BCL2L11
ENSG00000153130	5.917884e+02	−0.149515274	4.429829e−02	0.0708137462	0.3433704901	0.0997801504	1.818950e−01	0.061117972	4.182878e−01	SCOC
ENSG00000153140	1.031630e+02	0.055371575	6.064029e−01	0.1409354904	0.1902566097	0.2780155376	9.650160e−03	0.160165973	1.381906e−01	CETN3
ENSG00000153147	3.356247e+03	0.174595061	5.631130e−03	0.1559082133	0.0143422527	0.0988402561	1.207108e−01	0.213464289	9.207638e−04	SMARCA5
ENSG00000153162	2.447997e+01	−0.156623048	1.384091e−01	−0.1947678222	0.0645418852	−0.2010622060	5.630996e−02	−0.298677451	4.396699e−03	BMP6
ENSG00000153165	7.268152e+00	0.101368507	3.453941e−01	0.2477911573	0.0210427953	−0.0151922724	8.868943e−01	0.142552443	1.815854e−01	RGPD3
ENSG00000153187	1.452650e+04	0.051112201	3.164599e−01	0.0279407940	0.5880064580	0.0023538917	9.636018e−01	0.110951683	3.374718e−02	HNRNPU
ENSG00000153201	3.513894e+03	0.450773683	2.371441e−05	0.2381698311	0.0260275028	0.0841739577	4.315409e−01	0.146000671	1.741710e−01	RANBP2
ENSG00000153207	1.030191e+03	0.232074988	7.935230e−03	0.1302353146	0.1389299290	−0.0628572576	4.755440e−01	0.021714440	8.067273e−01	AHCTF1
ENSG00000153208	3.997818e+01	−0.255917140	3.355117e−02	−0.1168863587	0.3301605267	0.0492224978	6.818854e−01	−0.067078080	5.745116e−01	MERTK
ENSG00000153214	1.324558e+03	0.044344384	6.002577e−01	0.0207802281	0.8073291107	0.1274606624	1.345937e−01	0.189362241	2.745048e−02	TMEM87B
ENSG00000153234	1.403683e+04	0.058404333	6.524157e−01	0.0390954289	0.7625853351	−0.1841863628	1.546815e−01	−0.267701111	3.812077e−02	NR4A2
ENSG00000153253	7.359239e+00	0.210925648	2.954484e−02	0.1589069184	0.0999681686	0.1186407499	2.188137e−01	0.221236151	2.166440e−02	SCN3A
ENSG00000153291	4.093237e+00	0.147248401	7.252209e−02	0.1289699720	0.1149562416	0.0832558988	3.080442e−01	0.163473520	4.527173e−02	SLC25A27
ENSG00000153443	9.398414e+02	0.200623542	9.615100e−03	−0.0359285495	0.6459707569	0.1081757522	1.663216e−01	0.156120562	4.774977e−02	UBALD1
ENSG00000153485	1.621955e+02	0.181972177	5.494788e−02	0.2193081116	0.0213109287	0.2124650416	2.584344e−02	0.226831733	1.793547e−02	TMEM251
ENSG00000153487	1.403278e+03	−0.122646416	1.905229e−01	−0.0917683343	0.3299490666	−0.2081756021	2.716356e−02	−0.356626263	1.711283e−04	ING1
ENSG00000153560	4.465215e+03	0.032638198	3.683412e−01	−0.0112754458	0.7588600320	0.0575509160	1.170503e−01	0.141016614	1.514017e−04	UBP1
ENSG00000153574	1.267574e+03	−0.118692306	2.296656e−02	−0.0008744449	0.9867510722	−0.0504894348	3.382807e−01	0.020959314	6.943865e−01	RPIA
ENSG00000153767	1.718200e+02	−0.049810132	6.068004e−01	0.0226557470	0.8155736643	0.1253113282	1.965235e−01	0.229239105	1.857343e−02	GTF2E1
ENSG00000153814	1.161828e+03	−0.286814484	2.273619e−03	−0.3042072016	0.0012843333	−0.2221881223	1.868525e−02	−0.033382512	7.254254e−01	JAZF1
ENSG00000153827	6.598473e+03	0.129801379	1.554380e−03	0.0829269807	0.0457375661	0.1269697714	2.221414e−03	0.201960169	1.588572e−06	TRIP12
ENSG00000153832	5.449938e+01	−0.177156544	1.345466e−01	−0.1818408196	0.1247921261	−0.4591602502	1.162812e−04	−0.232236602	5.042802e−02	FBXO36
ENSG00000153898	1.750993e+03	0.021574262	8.467466e−01	0.0592454006	0.5964196285	0.2423849013	3.025246e−02	0.017930131	8.730335e−01	MCOLN2
ENSG00000153914	4.029465e+03	0.146188399	1.857170e−02	0.0886064915	0.1577399132	0.1615143897	1.001292e−02	0.017946636	7.773851e−01	SREK1
ENSG00000153922	6.067368e+03	0.276513129	2.347264e−04	0.1336062239	0.0779529634	−0.0026159342	9.724742e−01	−0.074583297	3.300973e−01	CHD1
ENSG00000154001	1.693028e+03	0.075553431	7.057454e−02	−0.0002065193	0.9961060718	0.0553625117	1.906459e−01	0.092192451	3.148064e−02	PPP2R5E
ENSG00000154025	1.296805e+01	0.315307132	1.660424e−02	0.2768062302	0.0348161798	0.2418783344	6.509198e−02	0.266790933	4.106887e−02	SLC5A10
ENSG00000154059	1.456687e+03	−0.136330887	2.602751e−02	−0.1088843234	0.0783007669	−0.0669074179	2.792982e−01	−0.151194829	1.572297e−02	IMPACT
ENSG00000154079	1.966416e+02	−0.218858206	1.572494e−02	−0.0182981057	0.8402374250	−0.1351705331	1.376520e−01	−0.067277027	4.623532e−01	SDHAF4
ENSG00000154102	3.476784e+02	−0.038245882	7.279461e−01	0.0393980196	0.7206882155	−0.2451556731	2.632742e−02	−0.048657353	6.599513e−01	C16orf74
ENSG00000154118	2.912991e+00	0.101658486	2.828048e−01	0.0930189735	0.3245228738	0.3662712390	1.197358e−04	0.043730214	6.413795e−01	JPH3
ENSG00000154133	1.396633e+02	0.241303410	6.400220e−02	0.2031456279	0.1175705248	0.2803332296	3.079895e−02	0.160783693	2.132949e−01	ROBO4
ENSG00000154144	1.477104e+03	0.021825127	5.920434e−01	0.0296288360	0.4720143924	0.1319914585	1.335664e−03	−0.017950295	6.678102e−01	TBRG1
ENSG00000154146	1.299593e+03	−0.198871109	7.591737e−02	−0.4126241024	0.0002392222	−0.3071881160	6.236603e−03	−0.077749174	4.898244e−01	NRGN
ENSG00000154153	1.783677e+02	−0.067077217	6.064022e−01	0.1784063603	0.1690660366	0.2802008358	3.078774e−02	0.234920060	6.887216e−02	RETREG1
ENSG00000154175	2.362025e+00	0.034648288	6.563540e−01	0.0994890532	0.2016671068	0.1715923966	2.781380e−02	0.167095408	3.191278e−02	ABI3BP
ENSG00000154188	4.377029e+01	−0.003233805	9.795203e−01	−0.1597835538	0.2027107675	−0.0587231113	6.397302e−01	−0.266972594	3.239255e−02	ANGPT1
ENSG00000154217	1.103347e+03	−0.170666735	1.887042e−02	−0.0637390041	0.3842357445	−0.1125480633	1.246692e−01	−0.233924632	1.591971e−03	PITPNC1
ENSG00000154237	4.751576e+03	−0.064712926	4.214169e−01	−0.1827779188	0.0242145104	−0.1230284068	1.292626e−01	−0.161962518	4.783384e−02	LRRK1
ENSG00000154274	3.252355e+01	−0.015246880	9.078700e−01	0.0367471765	0.7796046897	0.3422412243	9.169944e−03	0.122195955	3.501066e−01	C4orf19
ENSG00000154305	2.225931e+03	0.090264205	4.761392e−02	0.0551154926	0.2318170805	0.0839433757	6.862673e−02	0.163868168	4.487858e−04	MIA3
ENSG00000154309	7.987862e+01	0.223833290	5.954730e−02	0.2085905526	0.0794806521	0.3450064852	3.685886e−03	0.370401209	1.822893e−03	DISP1
ENSG00000154328	1.414664e+02	−0.275416764	1.335797e−02	−0.1141627392	0.3052582229	−0.2192867030	4.927844e−02	−0.007838445	9.440032e−01	NEIL2
ENSG00000154342	6.515848e−01	−0.030934636	5.787660e−01	−0.0316616816	0.5698856515	0.1099468163	4.983646e−02	−0.039841962	4.732647e−01	WNT3A
ENSG00000154358	1.481976e+02	0.043524714	7.244882e−01	0.1378654292	0.2639390955	0.2900605757	1.870104e−02	0.190974100	1.215136e−01	OBSCN

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000154359	1.099430e+03	0.1795285445	3.796996e−02	0.155401758	0.0743460796	−0.001432130	9.868898e−01	−0.04527873	6.063460e−01	LONRF1
ENSG00000154370	1.421831e+03	−0.0073457892	9.005045e−01	−0.124273852	0.0364671673	−0.068232273	2.507130e−01	−0.04974699	4.078691e−01	TRIM11
ENSG00000154429	1.228820e+03	−0.0177042482	8.527598e−01	−0.192582717	0.0446806023	−0.086400291	3.676580e−01	−0.27154578	4.921533e−03	CCSAP
ENSG00000154447	9.956497e+02	−0.0903078300	4.480464e−01	−0.079254188	0.5058334850	−0.072186760	5.445210e−01	−0.25741358	3.089158e−02	SH3RF1
ENSG00000154451	9.261544e+02	0.1615662878	2.118850e−01	0.039287378	0.7605840438	0.441158286	6.227799e−04	0.22412350	8.071057e−02	GBP5
ENSG00000154473	1.920120e+03	−0.0364168084	4.281429e−01	0.014830808	0.7494968127	0.099886148	3.141799e−02	−0.01390693	7.678123e−01	BUB3
ENSG00000154642	9.184171e+02	0.0776702460	4.328131e−01	−0.065564546	0.5099811657	0.077349268	4.368396e−01	0.26087122	9.082927e−03	C21orf91
ENSG00000154760	3.776866e+02	0.0481883332	6.242851e−01	0.114868936	0.2448682676	0.235484336	1.706287e−02	0.14802290	1.362908e−01	SLFN13
ENSG00000154803	5.890023e+02	0.1979749709	6.446341e−02	0.174701061	0.1038537684	−0.022939181	8.310172e−01	0.21390160	4.729064e−02	FLCN
ENSG00000154813	8.017457e+02	0.0982364601	1.764022e−01	0.092893531	0.2048847252	0.096414097	1.883944e−01	0.14677091	4.737764e−02	DPH3
ENSG00000154874	1.412745e+02	0.3015909796	2.196392e−02	0.178370470	0.1739473510	0.318882507	1.507337e−02	−0.01965903	8.803662e−01	CCDC144B
ENSG00000154889	1.112228e+03	−0.0838203859	1.883852e−01	−0.027571675	0.6680342503	−0.122283994	5.750781e−02	−0.13638365	3.624074e−02	MPPE1
ENSG00000154898	1.126402e+02	0.1214456034	3.484041e−01	0.106922802	0.4081873928	0.332928006	9.987505e−03	−0.06733039	6.017101e−01	CCDC144CP
ENSG00000154978	3.491197e+03	−0.0827737106	1.690644e−01	−0.063168865	0.2987194443	−0.061977047	3.079982e−01	−0.15514755	1.170537e−02	VOPP1
ENSG00000155034	1.862806e+02	0.1939843988	3.549551e−02	0.061212841	0.5105778810	0.103068091	2.679204e−01	0.11136931	2.337962e−01	FBXL18
ENSG00000155093	1.341988e+02	0.2871477893	2.942625e−02	0.069096207	0.5991402402	0.289966142	2.739151e−02	0.10956603	4.027184e−01	PTPRN2
ENSG00000155097	1.593231e+03	−0.0674261574	1.630155e−01	0.110537899	0.0233634917	0.131170909	7.145224e−03	0.10023081	4.250809e−02	ATP6V1C1
ENSG00000155158	3.276616e+02	−0.0591506937	6.508643e−01	−0.134560270	0.3014704827	0.338608022	9.325484e−03	−0.21964568	9.017530e−02	TTC39B
ENSG00000155256	1.112803e+03	0.1259154324	1.131968e−02	0.006904277	0.8909436381	0.020334406	6.864922e−01	0.02475492	6.276362e−01	ZFYVE27
ENSG00000155313	2.160588e+03	0.1654015997	1.762313e−02	0.047510902	0.4993216655	0.015573713	8.247989e−01	0.14607107	3.989143e−02	USP25
ENSG00000155363	1.968058e+03	0.1880611434	5.950573e−02	0.057777438	0.5643940715	0.070958501	4.790806e−01	0.25045140	1.296030e−02	MOV10
ENSG00000155380	4.472726e+02	0.0738950688	4.673646e−01	0.226410517	0.0264554332	0.151535994	1.376507e−01	0.12865260	2.097885e−01	SLC16A1
ENSG00000155428	4.858764e+00	−0.0803099894	4.725090e−01	−0.116369809	0.2960310995	−0.070603355	5.261511e−01	−0.24302247	2.773153e−02	TRIM74
ENSG00000155463	8.048840e+03	−0.1091226851	1.597282e−02	−0.021355532	0.6409447153	−0.090258165	4.878699e−02	−0.06539792	1.589888e−01	OXA1L
ENSG00000155561	1.654066e+03	0.0751491358	1.721736e−01	0.095522008	0.0858283160	0.213773667	1.194443e−04	0.13280415	1.833608e−02	NUP205
ENSG00000155621	2.781543e+02	−0.1970340098	5.016175e−03	−0.100146912	0.1560870547	−0.167202847	1.826822e−02	−0.11340921	1.122284e−01	C9orf85
ENSG00000155657	5.954482e+02	0.3565849993	9.901843e−04	0.213624456	0.0492435358	0.408234294	1.702296e−04	0.06530486	5.493815e−01	TTN
ENSG00000155659	1.685087e+03	0.1170808868	3.740621e−01	−0.059987059	0.6477002217	0.259964042	4.766994e−02	0.03633121	7.810674e−01	VSIG4
ENSG00000155719	6.214251e+01	0.0464380817	7.244169e−01	0.083703333	0.5237390172	0.144221124	2.719597e−01	0.30958826	1.788641e−02	OTOA
ENSG00000155754	6.620275e+00	0.0701525000	5.461915e−01	0.270605952	0.0200531939	0.368937198	1.542528e−03	0.07730078	5.026629e−01	C2CD6
ENSG00000155827	1.457552e+03	0.0624872436	2.366481e−01	0.077700342	0.1452300495	0.118648148	2.613225e−02	0.23906994	9.401747e−06	RNF20
ENSG00000155850	4.560657e+02	0.2194198378	7.125667e−03	0.177191016	0.0310879683	0.257754416	1.702662e−03	0.23529641	4.507846e−03	SLC26A2
ENSG00000155858	1.634315e+02	−0.1302686825	1.975196e−01	0.058361901	0.5644599918	0.019603144	8.467008e−01	−0.33420725	1.085898e−03	LSM11
ENSG00000155868	1.882014e+02	−0.0758088723	3.778656e−01	−0.033514608	0.6981498764	−0.188312401	3.011903e−02	−0.10721874	2.194977e−01	MED7
ENSG00000155876	9.663976e+02	0.1033475085	2.005921e−01	0.105778882	0.1934234859	0.172885826	3.351018e−02	0.24068373	3.345991e−03	RRAGA
ENSG00000155903	1.311712e+03	0.0474525190	5.219410e−01	0.079784705	0.2855556740	0.030154002	6.866498e−01	0.16949475	2.462765e−02	RASA2
ENSG00000155957	1.152494e+03	−0.1548467680	4.935308e−02	0.003890511	0.9608759911	−0.027181720	7.318993e−01	−0.05626254	4.824153e−01	TMBIM4
ENSG00000155961	3.417455e+02	−0.0120723560	9.097182e−01	−0.031534730	0.7678071875	−0.079958521	4.543261e−01	0.23548386	2.791682e−02	RAB39B
ENSG00000156009	1.822888e+00	0.0411206852	5.561190e−01	0.018414105	0.7916225587	0.052754775	4.490184e−01	0.15598122	2.570951e−02	MAGEA8
ENSG00000156017	4.706630e+02	−0.0089713484	8.673062e−01	0.007598407	0.8884659867	0.106004333	4.990535e−02	0.22705429	3.133338e−05	CARNMT1
ENSG00000156110	1.032203e+03	−0.2456997436	2.279092e−02	0.073772513	0.4952412575	−0.172578846	1.107964e−01	0.01036576	9.239450e−01	ADK
ENSG00000156127	2.133176e+02	−0.0776303842	4.856919e−01	−0.006114384	0.9562796574	−0.076857616	4.910958e−01	0.26531373	1.753427e−02	BATF
ENSG00000156206	2.588652e+00	−0.1653845928	2.866976e−02	−0.086335806	0.2536260209	−0.073426853	3.312488e−01	−0.09318814	2.169877e−01	CFAP161
ENSG00000156232	1.383814e+03	0.1866053718	3.003324e−02	−0.028993546	0.7378778238	−0.092702156	2.847762e−01	−0.08725368	3.179398e−01	WHAMM
ENSG00000156256	2.145329e+03	0.1872766471	1.921564e−04	0.141035508	0.0054873746	0.107316592	3.472050e−02	0.05472388	2.880558e−01	USP16
ENSG00000156261	5.098598e+03	−0.0495733886	5.176411e−01	0.161639581	0.0363076684	0.084017483	2.766003e−01	0.01582061	8.392389e−01	CCT8
ENSG00000156265	1.134292e+02	−0.4266997288	1.152626e−03	−0.396499948	0.0024592254	−0.546262409	3.026861e−05	−0.50682131	1.030367e−04	MAP3K7CL
ENSG00000156273	5.387906e+03	0.2358847931	1.376925e−02	0.126661913	0.1882174198	−0.010650977	9.119019e−01	0.05225805	5.895850e−01	BACH1
ENSG00000156345	3.863272e+01	0.3810873614	3.788087e−03	0.273831757	0.0369825893	0.076679083	5.592741e−01	0.16234631	2.146044e−01	CDK20
ENSG00000156381	2.098410e+02	0.0764488367	5.290452e−01	−0.168440179	0.1658991979	−0.240886407	4.763931e−02	−0.22144687	6.864765e−02	ANKRD9
ENSG00000156411	1.994981e+03	−0.2071113772	3.530857e−04	−0.087299302	0.1357306940	−0.102262792	8.065153e−02	−0.22191332	1.817796e−04	C14orf2
ENSG00000156414	3.025671e+01	−0.1018606509	3.502235e−01	0.219295631	0.0439591957	−0.012933242	9.053203e−01	−0.09232558	3.935865e−01	TDRD9
ENSG00000156453	1.183313e+00	0.0076518058	8.956511e−01	0.002444069	0.9665567735	0.115434362	4.826717e−02	0.04559681	4.340585e−01	PCDH1
ENSG00000156467	4.615005e+03	−0.1927880638	1.461977e−04	−0.059972961	0.2423142283	−0.038369415	4.544681e−01	−0.13874522	7.614503e−03	UQCRB
ENSG00000156482	2.132983e+04	−0.1975399418	5.317164e−05	−0.074887601	0.1296630180	−0.088128442	7.454046e−02	−0.21997199	1.125925e−05	RPL30
ENSG00000156508	1.516971e+05	−0.1602861329	2.244082e−03	−0.099174427	0.0613888742	−0.103219146	5.153860e−02	−0.16431017	2.219887e−03	EEF1A1
ENSG00000156515	7.067026e+03	−0.0268693617	6.201516e−01	0.020943137	0.7022176193	0.005714138	9.169304e−01	0.13186666	1.744803e−02	HK1
ENSG00000156535	4.951628e+02	0.2394771535	2.915308e−02	0.051749583	0.6384528464	0.148609667	1.771543e−01	0.21449719	5.210945e−02	CD109
ENSG00000156587	4.644937e+03	0.0502034904	6.611380e−01	0.088368281	0.4411341331	0.044131395	7.004809e−01	0.29577089	1.009016e−02	UBE2L6
ENSG00000156599	3.303226e+03	0.0016443435	9.710040e−01	−0.004497477	0.9216844018	0.006607193	8.851868e−01	0.10603690	2.216531e−02	ZDHHC5
ENSG00000156689	3.834321e+00	−0.0222854919	7.696863e−01	0.160702493	0.0351218714	−0.021697072	7.751546e−01	0.03906105	6.067490e−01	GLYATL2
ENSG00000156711	1.885860e+02	0.2903773113	1.590147e−02	0.387311527	0.0013015987	0.327294954	6.603330e−03	0.32769249	6.550961e−03	MAPK13
ENSG00000156735	8.458117e+02	−0.1155338905	2.218500e−01	−0.285971155	0.0026509449	−0.173504700	6.813769e−02	−0.06094914	5.240937e−01	BAG4
ENSG00000156738	4.047230e+02	0.1921945428	1.009276e−01	0.262079365	0.0247710224	0.256623958	2.793063e−02	0.27589481	1.759037e−02	MS4A1
ENSG00000156802	4.225088e+02	0.2843673770	1.444000e−03	0.218100699	0.0152116003	0.279610676	1.855125e−03	0.19103369	3.495333e−02	ATAD2
ENSG00000156968	9.063529e+00	−0.2235362729	3.075166e−02	−0.087446728	0.3977533540	0.100372964	3.326869e−01	−0.11571021	2.609440e−01	MPV17L
ENSG00000156983	2.907677e+03	−0.1307020339	8.075750e−02	−0.258257640	0.0006228594	−0.200282270	7.965849e−03	−0.18077639	1.772047e−02	BRPF1
ENSG00000156990	6.859878e+02	−0.2067798439	3.582646e−04	−0.079205834	0.1745412910	−0.076905394	1.877372e−01	−0.01780397	7.629837e−01	RPUSD3
ENSG00000157017	7.063826e+02	−0.2733086260	5.619227e−03	−0.035466005	0.7203063578	0.096283375	3.308687e−01	−0.14548994	1.443355e−01	GHRL
ENSG00000157077	1.039604e+01	0.0998644965	3.695574e−01	0.021688763	0.8448166418	0.131525977	2.356808e−01	0.24361370	2.768380e−02	ZFYVE9
ENSG00000157087	2.848527e+00	0.0404485081	6.152939e−01	0.038978809	0.6274256218	0.038444439	6.317576e−01	0.18798847	1.955131e−02	ATP2B2
ENSG00000157106	6.733039e+03	0.1082669725	4.836586e−02	0.044544696	0.4215817764	0.113714287	4.019017e−02	0.05102018	3.634524e−01	SMG1
ENSG00000157181	6.933116e+02	0.2371902143	5.229704e−04	0.112671054	0.1030238053	0.084556096	2.215455e−01	0.08834118	2.061900e−01	C1orf27
ENSG00000157184	3.691233e+02	−0.1863359877	3.667193e−02	−0.086236748	0.3359203718	−0.090070166	3.151192e−01	0.01798997	8.419265e−01	CPT2
ENSG00000157191	3.315324e+03	−0.1820216763	3.182883e−03	0.004894875	0.9373533092	−0.027717847	6.563560e−01	−0.15691617	1.282474e−02	NECAP2
ENSG00000157240	1.930465e+03	−0.1108011998	3.749909e−01	−0.158632832	0.2037660364	−0.314598321	1.172614e−02	−0.22731214	6.839167e−02	FZD1
ENSG00000157315	1.035841e+01	0.0251923891	8.401389e−01	0.295765933	0.0178678734	0.074252934	5.507605e−01	0.28571997	2.144786e−02	TMED6
ENSG00000157322	1.510268e+01	0.3715448951	1.361946e−03	0.272849893	0.0181213134	0.369283359	1.390653e−03	0.32102347	5.263011e−03	CLEC18A
ENSG00000157350	2.121133e+03	−0.2025274376	5.069310e−03	−0.192572177	0.0082334977	−0.146812225	4.395689e−02	−0.22946583	1.836199e−03	ST3GAL2
ENSG00000157388	1.228568e+01	−0.0635367412	5.981396e−01	0.036577672	0.7610619852	−0.089350917	4.567392e−01	−0.24000924	4.412989e−02	CACNA1D
ENSG00000157404	6.794326e+02	−0.2961954893	2.467165e−02	−0.112421128	0.3923957563	−0.018023629	8.909353e−01	−0.23193621	7.650272e−02	KIT
ENSG00000157426	3.424285e+02	0.1096404954	1.577073e−01	0.066223394	0.3975088831	0.171483633	2.826578e−02	0.13421552	8.902411e−02	AASDH
ENSG00000157450	1.286542e+03	0.1115039106	4.534861e−02	−0.018942960	0.7368067705	0.107439155	5.636528e−02	0.12521114	2.807957e−02	RNF111
ENSG00000157514	1.938134e+04	−0.0822820612	5.325703e−01	0.005421787	0.9670922535	0.086176649	5.119946e−01	0.27543237	3.534926e−02	TSC22D3
ENSG00000157551	1.353172e+01	0.0428240175	6.601994e−01	0.159585237	0.1007761585	0.130599971	1.790153e−01	0.20574984	3.380164e−02	KCNJ15
ENSG00000157570	2.309014e+01	−0.1636571569	1.681247e−01	−0.234113479	0.0477432797	−0.082845469	4.839112e−01	−0.11637218	3.231895e−01	TSPAN18
ENSG00000157593	1.107542e+03	0.2928368432	1.252296e−03	0.180627061	0.0479715914	0.126455437	1.663396e−01	0.03282772	7.213060e−01	SLC35B2
ENSG00000157600	3.375973e+03	−0.0832522805	3.172897e−02	−0.044058405	0.2610638199	−0.035569551	3.643890e−01	0.05854568	1.405801e−01	TMEM164
ENSG00000157601	5.417535e+03	0.1901328772	1.431064e−01	0.062081753	0.6312868003	0.003992698	9.753770e−01	0.43324781	7.655344e−04	MX1
ENSG00000157625	2.401963e+03	−0.0451684825	3.025903e−01	−0.083145416	0.0607704492	−0.057780695	1.926081e−01	−0.12828397	4.342131e−03	TAB3
ENSG00000157657	1.211525e+03	0.1229605387	1.214249e−01	−0.159361632	0.0466487115	−0.111226804	1.649481e−01	−0.09742842	2.280261e−01	ZNF618
ENSG00000157734	5.951551e+02	0.1078612181	1.494941e−01	0.115784548	0.1247517688	0.035141970	6.417495e−01	0.15883067	3.706857e−02	SNX22
ENSG00000157778	4.405252e+02	−0.1557223076	2.053851e−02	−0.119725917	0.0774899313	−0.111370239	1.007817e−01	−0.10715207	1.177175e−01	PSMG3
ENSG00000157837	2.439684e+03	−0.0592900153	2.648036e−01	−0.080444904	0.1344686564	−0.040281604	4.535810e−01	−0.13643330	1.224549e−02	SPPL3
ENSG00000157869	4.719859e+02	−0.0465902482	4.038466e−01	0.114336662	0.0416629821	0.037574821	5.048655e−01	0.03250750	5.678435e−01	RAB28
ENSG00000157870	4.845096e+02	0.0009686669	9.914171e−01	−0.005070372	0.9553910990	−0.057919086	5.231546e−01	−0.22270363	1.480298e−02	FAM213B
ENSG00000157873	5.477059e+03	0.1808653803	9.928353e−03	0.132295431	0.0615746326	0.062172070	3.797561e−01	0.07326930	3.057876e−01	TNFRSF14
ENSG00000157890	4.343378e+00	0.0247123041	8.032795e−01	−0.004079327	0.9670577816	0.282407300	4.512400e−03	0.09978057	3.129528e−01	MEGF11
ENSG00000157911	3.794497e+02	−0.0949338236	1.535688e−01	−0.140309078	0.0368242899	−0.168356516	1.240441e−02	−0.04731645	4.853485e−01	PEX10
ENSG00000157933	2.432733e+03	0.2033423601	3.530916e−02	0.105442610	0.2775315089	0.031691675	7.441797e−01	0.16030019	1.008264e−01	SKI
ENSG00000157992	2.966844e+01	0.1795134296	1.721741e−01	0.073747652	0.5734535026	0.244225827	6.233539e−02	0.30244133	2.046475e−02	KRTCAP3
ENSG00000157999	3.575861e+01	−0.3105700065	1.702220e−02	−0.302176635	0.0199793354	−0.148550526	2.524106e−01	−0.25161495	5.191566e−02	ANKRD61
ENSG00000158019	1.555347e+03	−0.1251684432	1.204790e−02	−0.064801693	0.1981155399	−0.174969653	5.244879e−04	−0.11752069	2.139488e−02	BABAM2
ENSG00000158050	6.329763e+03	0.0528598420	6.650489e−01	−0.094487833	0.4390248352	−0.192909172	1.141362e−01	−0.40050923	1.039293e−03	DUSP2
ENSG00000158062	3.304378e+03	0.2046319831	3.523144e−02	0.172978699	0.0765203587	0.095530411	3.280268e−01	0.14117475	1.507508e−01	UBXN11

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000158089	1.176409	0.002734106	0.9541443461	0.010751590	8.210266e−01	0.028182185	0.552975996	0.110104975	2.073972e−02	GALNT14
ENSG00000158156	898.974957	−0.345076006	0.0031606830	−0.106042263	3.648050e−01	0.017692231	0.879806310	0.209789976	7.332907e−02	XKR8
ENSG00000158158	1031.355659	−0.100755394	0.0885251964	−0.127482543	3.289873e−02	−0.107243292	0.072786160	−0.124301447	3.996760e−02	CNNM4
ENSG00000158161	908.748452	−0.073226388	0.3194768697	−0.233175395	1.691325e−03	−0.055088760	0.457696550	−0.119887955	1.097581e−01	EYA3
ENSG00000158163	160.256424	0.053136939	0.6607683703	−0.085223073	4.819186e−01	−0.168232836	0.165333507	−0.388799946	1.361845e−03	DZIP1L
ENSG00000158201	680.168645	0.184871071	0.0505465623	0.115913913	2.228304e−01	0.222417154	0.019292254	0.006020344	9.498656e−01	ABHD3
ENSG00000158220	3.709563	0.081071458	0.3982701242	0.241806790	1.195366e−02	0.212016084	0.027231208	0.072486984	4.472564e−01	ESYT3
ENSG00000158246	96.531474	0.289094671	0.0249565891	0.028839193	8.223132e−01	0.064044139	0.617980594	0.137950143	2.804528e−01	FAM46B
ENSG00000158290	2349.864772	−0.008080756	0.8744430938	−0.024734125	6.323434e−01	0.005020693	0.922641461	0.160916918	2.095991e−03	CUL4B
ENSG00000158292	38.605537	0.307280469	0.0197706524	−0.017747685	8.926074e−01	0.285191753	0.030034445	0.023111389	8.598996e−01	GPR153
ENSG00000158321	517.365096	0.057804133	0.5470805992	−0.073438539	4.468648e−01	−0.194387978	0.044283151	−0.139264603	1.519513e−01	AUTS2
ENSG00000158435	1667.029909	0.057076544	0.2590911867	0.052135735	3.078984e−01	0.120018672	0.018872700	0.107975998	3.701482e−02	CNOT11
ENSG00000158457	3816.989390	−0.028119225	0.8063439337	0.015240429	8.944721e−01	−0.102363429	0.372986657	−0.273408682	1.757236e−02	TSPAN33
ENSG00000158458	2.249697	0.026314417	0.7532878905	−0.031371164	7.066756e−01	0.220394594	0.008729126	0.059687334	4.746291e−01	NRG2
ENSG00000158482	4.037944	0.145897171	0.1165716955	0.102004818	2.709378e−01	0.078652195	0.395176875	0.211166758	2.256022e−02	SNX29P1
ENSG00000158486	2.150646	0.016593955	0.8080342549	0.153261926	2.524519e−02	0.142139585	0.037706699	0.069712336	3.064550e−01	DNAH3
ENSG00000158545	2178.103699	0.199677547	0.0057452607	0.046370644	5.249874e−01	0.080107566	0.272144311	0.181757605	1.363849e−02	ZC3H18
ENSG00000158555	522.605489	0.387539657	0.0006060715	0.108356594	3.389644e−01	0.138546973	0.221479393	0.104205922	3.590443e−01	GDPD5
ENSG00000158571	8.122095	0.193488576	0.1030766599	0.235388987	4.680741e−02	0.057249150	0.627392496	0.204680253	8.198933e−02	PFKFB1
ENSG00000158578	16.582126	0.016841118	0.8177297961	−0.054878140	4.518394e−01	0.170587845	0.019443408	0.062802179	3.884342e−01	ALAS2
ENSG00000158623	1300.234871	−0.154722083	0.0226914768	0.011460942	8.669852e−01	0.028966793	0.672112151	0.075520115	2.748939e−01	COPG2
ENSG00000158691	249.008805	−0.254004316	0.0071416829	−0.279128313	3.288155e−03	−0.210483050	0.026593554	−0.250967155	8.604256e−03	ZSCAN12
ENSG00000158717	7974.153217	−0.038440951	0.5976752669	−0.073921414	3.142829e−01	−0.152891864	0.037430996	−0.045873039	5.365399e−01	RNF166
ENSG00000158748	1.400184	0.232567861	0.0028866584	−0.023607184	7.588824e−01	0.031866349	0.678902032	0.139643615	7.105574e−02	HTR6
ENSG00000158786	1.035279	0.026113521	0.6050479682	0.133542036	8.351606e−03	0.056041208	0.266653168	0.024022045	6.337210e−01	PLA2G2F
ENSG00000158805	2195.863830	0.165416050	0.0403493903	0.044102013	5.875096e−01	−0.037174240	0.647604882	−0.005858199	9.430923e−01	ZNF276
ENSG00000158856	30.288372	−0.337525866	0.0005399735	−0.413335174	2.140238e−05	−0.287903298	0.003085867	−0.333243657	5.873059e−04	DMTN
ENSG00000158864	3066.802574	−0.109737353	0.0144247665	0.053374692	2.386840e−01	−0.019464451	0.667713709	0.036858111	4.223859e−01	NDUFS2
ENSG00000158941	2453.397272	0.126145252	0.0055003607	0.054279990	2.378251e−01	0.041955364	0.361811244	0.141707594	2.350729e−03	CCAR2
ENSG00000159055	109.414284	−0.044435524	0.6932144472	−0.092803892	4.110548e−01	−0.069174234	0.540133810	−0.224091602	4.820894e−02	MIS18A
ENSG00000159063	568.944031	0.100054794	0.1609287912	0.138837360	5.363836e−02	0.174825341	0.015105827	0.042286905	5.613541e−01	ALG8
ENSG00000159069	4785.383159	−0.056037505	0.3537509738	−0.145657497	1.702627e−02	−0.130944069	0.031956288	−0.066486817	2.817856e−01	FBXW5
ENSG00000159082	1200.180154	0.133332070	0.0174395066	0.011050706	8.455815e−01	0.051478522	0.364261850	0.087914055	1.257971e−01	SYNJ1
ENSG00000159131	965.622645	0.067154886	0.2688810388	0.063185970	3.028538e−01	0.171741068	0.005063126	0.268722578	1.431899e−05	GART
ENSG00000159147	252.564851	0.246620273	0.0018787590	0.203126671	1.114515e−02	0.218421792	0.006378037	0.182127693	2.414207e−02	DONSON
ENSG00000159176	3231.378026	−0.152939159	0.0651437550	−0.191355290	2.195243e−02	−0.151109304	0.070403361	0.005103069	9.516885e−01	CSRP1
ENSG00000159189	145.302001	0.180464815	0.1281903230	0.178316125	1.313874e−01	0.052047912	0.659625859	0.336509788	4.233810e−03	C1QC
ENSG00000159199	1237.761793	−0.109806188	0.0354844145	0.026221273	6.186763e−01	−0.021444599	0.684346041	−0.054036940	3.117419e−01	ATP5G1
ENSG00000159200	1183.905842	−0.169405008	0.0083034498	−0.146675389	2.357336e−02	−0.086641246	0.181021373	0.031208133	6.333117e−01	RCAN1
ENSG00000159202	2931.623162	0.069861482	0.2812951901	0.083149231	2.038779e−01	0.133164491	0.041858429	0.193554805	3.452975e−03	UBE2Z
ENSG00000159210	1758.483934	−0.131274451	0.0060428139	−0.071598178	1.383239e−01	−0.079345004	0.100712191	−0.015875496	7.456056e−01	SNF8
ENSG00000159307	2.518647	−0.081382234	0.3291608646	0.021393799	7.978070e−01	−0.177954954	0.031685288	−0.090733076	2.745575e−01	SCUBE1
ENSG00000159314	9190.466890	−0.020077834	0.7563700506	−0.134415678	3.965683e−02	−0.071809547	0.271717792	0.037462451	5.707665e−01	ARHGAP27
ENSG00000159339	149.227163	−0.154548828	0.2352158279	−0.033460222	7.964677e−01	−0.028246590	0.827633093	0.309192553	1.666368e−02	PADI4
ENSG00000159352	3235.678755	−0.082700972	0.0075522379	0.021624568	4.892234e−01	−0.077561146	0.013354421	0.027684754	3.833033e−01	PSMD4
ENSG00000159363	782.680916	0.052620322	0.5863603234	0.012064667	9.012223e−01	0.102914375	0.289616019	0.257278459	8.462329e−03	ATP13A2
ENSG00000159377	6586.944977	−0.077096906	0.0388537971	−0.016269054	6.665273e−01	−0.014633458	0.698378680	−0.032999207	3.890159e−01	PSMB4
ENSG00000159388	9080.846036	0.034729092	0.7588867188	−0.049526933	6.622141e−01	−0.088514526	0.434953106	−0.319117921	4.988527e−03	BTG2
ENSG00000159423	295.146510	−0.211112627	0.0242656995	−0.063189156	5.016795e−01	−0.184146660	0.050673211	−0.114379640	2.272795e−01	ALDH4A1
ENSG00000159445	720.470462	−0.204104339	0.0076126210	−0.064491641	4.022633e−01	−0.115701646	0.133252079	−0.167443343	3.138875e−02	THEM4
ENSG00000159459	1081.685006	0.190979238	0.0006606160	0.098123313	8.374984e−02	0.132581215	0.019467922	0.130774963	2.275218e−02	UBR1
ENSG00000159593	707.725361	−0.066617847	0.3082158188	−0.011859736	8.572868e−01	0.030296340	0.645946961	−0.133256237	4.605283e−02	NAE1
ENSG00000159596	643.216122	−0.135451935	0.0484220553	0.071086157	3.029798e−01	0.016138777	0.815336619	0.128335372	6.582114e−02	TMEM69
ENSG00000159618	466.155790	0.129758120	0.3250517590	0.229642566	8.059390e−02	0.229562778	0.080698976	0.257192467	4.943663e−02	ADGRG5
ENSG00000159712	1.326430	0.114687156	0.0710526416	0.058632539	3.548490e−01	0.137917212	0.029774258	0.014188764	8.220525e−01	ANKRD18CP
ENSG00000159714	281.644530	−0.241798197	0.0490807051	−0.268175363	2.905743e−02	−0.155529864	0.205479446	−0.202694377	9.888694e−02	ZDHHC1
ENSG00000159720	5778.252307	−0.055850605	0.2638131868	0.028716262	5.696882e−01	−0.017144854	0.734365985	0.109630470	3.218647e−02	ATP6V0D1
ENSG00000159723	2.207751	−0.185870951	0.0236581921	−0.065727315	4.246557e−01	−0.151294145	0.064832029	−0.125035023	1.276114e−01	AGRP
ENSG00000159753	267.707795	0.090905401	0.4730773630	0.025232076	8.420007e−01	0.283531149	0.025048434	0.115561526	3.605397e−01	CARMIL2
ENSG00000159761	217.321447	−0.213424306	0.0109650128	−0.109180839	1.952735e−01	−0.142136849	0.092329477	−0.257982422	2.475971e−03	C16orf86
ENSG00000159788	936.724302	0.055720434	0.5678073214	−0.033296496	7.341429e−01	0.030666048	0.754422794	−0.230468470	1.950143e−02	RGS12
ENSG00000159840	19403.366474	0.058988607	0.5087191892	−0.077946126	3.854826e−01	−0.117936942	0.189160753	0.194076681	3.198411e−02	ZYX
ENSG00000159958	150.245886	0.200939812	0.0801030202	0.252798246	2.713985e−02	0.130369332	0.254439704	0.346898895	2.325151e−03	TNFRSF13C
ENSG00000160014	5781.161718	−0.124100165	0.0176139840	−0.089976772	8.858547e−02	−0.060024891	0.255956488	−0.020322704	7.041702e−01	CALM3
ENSG00000160049	841.064689	−0.036409508	0.4852430421	−0.018916780	7.195836e−01	−0.011470363	0.827789332	0.127730223	1.644920e−02	DFFA
ENSG00000160050	182.323557	−0.103799512	0.1822322076	−0.089319237	2.543469e−01	−0.135819721	0.083976744	−0.194896304	1.413390e−02	CCDC28B
ENSG00000160072	982.418322	0.166968524	0.0163151364	0.039039615	5.781375e−01	−0.049945421	0.477319114	−0.019184222	7.870688e−01	ATAD3B
ENSG00000160094	1635.077565	−0.087397171	0.1608570474	−0.111565550	7.634558e−02	−0.172592934	0.006149735	−0.128163143	4.421404e−02	ZNF362
ENSG00000160097	3.089124	0.014797650	0.8647976503	0.095575371	2.719385e−01	0.172913374	0.047098264	0.065350765	4.502525e−01	FNDC5
ENSG00000160113	221.621891	−0.137352724	0.1910709109	−0.292790315	5.571943e−03	−0.256468271	0.015182072	−0.220211039	3.758017e−02	NR2F6
ENSG00000160183	7.940941	0.223668891	0.0353076761	0.203568948	5.460232e−02	0.117841106	0.264890223	0.213755029	4.271992e−02	TMPRSS3
ENSG00000160188	1.187382	0.022328324	0.7191776120	0.155595049	1.263998e−02	0.093665280	0.131734295	0.053544496	3.879194e−01	RSPH1
ENSG00000160207	3.143677	−0.187594421	0.0423733384	−0.153488665	9.631857e−02	−0.073789607	0.424635092	−0.088389697	3.380518e−01	HSF2BP
ENSG00000160208	1229.167438	−0.013434530	0.7966330977	−0.055349195	2.938110e−01	0.002553778	0.961357126	0.107857994	4.296241e−02	RRP1B
ENSG00000160211	2737.965697	0.012392819	0.8269162792	−0.004735445	9.340938e−01	−0.038963392	0.496417560	0.117955245	4.181826e−02	G6PD
ENSG00000160255	68367.387867	−0.058080813	0.3318541594	−0.085383315	1.578288e−01	−0.169522549	0.005044566	0.021103611	7.301847e−01	ITGB2
ENSG00000160256	243.890789	−0.068475579	0.4060665426	0.005258908	9.493635e−01	−0.182960685	0.027932205	0.012140109	8.845977e−01	FAM207A
ENSG00000160271	3887.306255	0.229435581	0.0204385492	0.072014333	4.689172e−01	−0.112561729	0.257700698	−0.156509958	1.176237e−01	RALGDS
ENSG00000160284	179.355548	−0.108792188	0.4020171474	−0.032813224	8.000478e−01	−0.256946091	0.047398250	−0.076935385	5.515990e−01	SPATC1L
ENSG00000160299	1868.376465	0.020193951	0.7464673161	−0.013310449	8.328808e−01	−0.047456880	0.452064088	−0.158708037	1.298920e−02	PCNT
ENSG00000160323	56.917256	−0.162955869	0.2030983944	−0.054959699	6.670594e−01	−0.267496132	0.036550658	−0.237504314	6.281694e−02	ADAMTS13
ENSG00000160339	17.112983	−0.305426475	0.0080311534	−0.262965371	2.209090e−02	−0.327511739	0.004328178	−0.327622974	4.142089e−03	FCN2
ENSG00000160352	486.907185	0.013500819	0.9151524148	−0.043164180	7.331183e−01	−0.198204340	0.117471529	−0.299567190	1.782663e−02	ZNF714
ENSG00000160392	460.015882	−0.033450629	0.6071694109	−0.069997701	2.870340e−01	−0.157163490	0.017159265	−0.109368297	1.001567e−01	C19orf47
ENSG00000160404	1984.159735	−0.116881719	0.0239998186	−0.109958201	3.565504e−02	−0.069485361	0.184315619	−0.089972044	8.968591e−02	TOR2A
ENSG00000160408	1077.168520	−0.106349791	0.1203122913	−0.067600149	3.277180e−01	−0.149843327	0.030223403	−0.246912270	4.125888e−04	ST6GALNAC6
ENSG00000160445	1314.027469	−0.056965886	0.2282106309	−0.108857167	2.292618e−02	−0.054849771	0.251616968	−0.014080965	7.711554e−01	ZER1
ENSG00000160472	1.365263	0.034270192	0.6300883659	0.002996106	9.663205e−01	0.148709735	0.037019304	0.094427706	1.844236e−01	TMEM190
ENSG00000160539	44.022052	−0.360828215	0.0050579535	−0.276103680	3.155289e−02	−0.039768165	0.756503182	−0.193507317	1.308048e−01	PLPP7
ENSG00000160633	2730.597534	0.126039098	0.0637385690	0.088794944	1.955646e−01	0.085507336	0.212696498	0.199313813	4.051341e−03	SAFB
ENSG00000160683	12.242634	0.069851093	0.4912648114	0.214355681	3.439601e−02	0.089009274	0.378959949	0.162014309	1.083852e−01	CXCR5
ENSG00000160710	13279.274737	0.131757326	0.1169453083	0.030928980	7.147654e−01	0.073737452	0.383590990	0.356953838	2.884087e−05	ADAR
ENSG00000160712	9504.812237	−0.106228631	0.0722145342	−0.057662037	3.339506e−01	−0.001847277	0.975306427	0.119813064	4.730236e−02	IL6R
ENSG00000160716	5.281435	0.026895975	0.7894229086	0.229990179	2.256906e−02	−0.020829766	0.835288453	0.121132852	2.272898e−01	CHRNB2
ENSG00000160746	661.684642	−0.130962549	0.0356705589	−0.035180109	5.756578e−01	−0.130751365	0.037959658	−0.124054263	5.138837e−02	ANO10
ENSG00000160785	1058.415704	0.112184918	0.0507101259	0.112739175	5.199285e−02	0.144886553	0.012523638	0.155330872	8.115239e−03	SLC25A44
ENSG00000160791	2128.828981	0.275028829	0.0224549114	0.208613373	8.352396e−02	0.064458841	0.592860887	0.102735335	3.943614e−01	CCR5
ENSG00000160796	7594.877849	0.152298222	0.0150695912	0.062495183	3.232774e−01	0.112751356	0.074736213	0.096541957	1.315605e−01	NBEAL2
ENSG00000160856	80.618213	0.249737881	0.0186438267	0.177814269	9.284860e−02	0.159024621	0.132808514	0.218318129	3.832345e−02	FCRL3
ENSG00000160867	6.258384	0.243161976	0.0263255817	0.173017781	1.121171e−01	0.109356144	0.314194670	0.168043112	1.215490e−01	FGFR4
ENSG00000160870	5.331053	−0.223604452	0.0476702405	−0.053901544	6.337757e−01	0.092741078	0.413652046	−0.096557992	3.904169e−01	CYP3A7
ENSG00000160877	2114.479249	−0.058607538	0.3935492015	−0.179099478	9.801485e−03	−0.120937137	0.081131759	0.049499663	4.797455e−01	NACC1
ENSG00000160888	9364.888020	−0.066958678	0.4982517523	−0.155442931	1.175881e−01	−0.175538517	0.077183608	−0.298616693	2.797267e−03	IER2
ENSG00000160908	2369.103677	0.089572581	0.1551917671	−0.003934031	9.507147e−01	−0.126857549	0.046426093	−0.068380576	2.885154e−01	ZNF394
ENSG00000160932	5832.087959	0.204140150	0.1215158374	0.018930494	8.854783e−01	−0.023959357	0.855356058	0.382097739	3.520199e−03	LY6E

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000160948	4.224774e+03	−0.010267303	7.998389e−01	−0.049516898	0.226949362	−0.112898094	5.913183e−03	−0.062272669	1.341230e−01	VPS28
ENSG00000160957	2.242745e+02	0.250061695	9.611032e−03	0.057503403	0.554329750	0.166456660	8.667752e−02	0.106163220	2.779699e−01	RECQL4
ENSG00000160991	2.618282e+03	−0.040096778	5.497379e−01	−0.037208321	0.582353309	−0.064479798	3.406950e−01	−0.243826334	3.684425e−04	ORAI2
ENSG00000161010	8.005517e+02	0.286353364	2.357935e−03	0.159218863	0.092765572	0.026068914	7.832940e−01	−0.034207349	7.199751e−01	MRNIP
ENSG00000161011	4.305796e+03	0.179699541	1.745328e−02	0.047607741	0.532272913	−0.030345386	6.906247e−01	−0.079650569	3.009572e−01	SQSTM1
ENSG00000161016	4.946640e+04	−0.162402911	6.466468e−03	−0.083955102	0.163378691	−0.163388756	6.678908e−03	−0.147122122	1.582873e−02	RPL8
ENSG00000161057	2.076270e+03	0.085277267	5.970370e−02	0.074062654	0.105860983	0.057062690	2.131173e−01	0.149389046	1.285978e−03	PSMC2
ENSG00000161149	5.071179e+00	0.018387402	8.728262e−01	0.068120520	0.552045042	0.232394638	4.319067e−02	0.039736241	7.277456e−01	TUBA3FP
ENSG00000161179	1.332861e+03	−0.018304602	7.985205e−01	−0.057800933	0.424297909	−0.172603251	1.714333e−02	−0.191867967	8.733317e−03	YDJC
ENSG00000161180	1.392483e+01	0.088744921	4.991816e−01	−0.090086393	0.490927354	0.094859053	4.685766e−01	0.275066991	3.486263e−02	CCDC116
ENSG00000161203	1.072570e+04	−0.126187735	7.477889e−05	−0.069657554	0.030752036	−0.127491595	7.754843e−05	−0.100044526	2.239305e−03	AP2M1
ENSG00000161217	2.377520e+03	0.137119399	3.174037e−03	0.078449995	0.095289858	0.228449948	1.156513e−06	0.100594067	3.479224e−02	PCYT1A
ENSG00000161267	2.818112e+02	−0.249088102	3.148884e−02	−0.002193416	0.984894737	−0.106803962	3.568583e−01	−0.149966952	1.965758e−01	BDH1
ENSG00000161328	7.670159e+01	0.037224280	7.608197e−01	0.213263563	0.080624215	0.271064469	2.635536e−02	0.158543106	1.944049e−01	LRRC56
ENSG00000161405	1.260363e+02	0.159307585	1.830469e−01	0.157440116	0.186580961	0.223648459	6.063830e−02	0.286497225	1.576434e−02	IKZF3
ENSG00000161526	1.882148e+03	0.198776893	8.621315e−04	0.084975601	0.158720096	0.042998835	4.759929e−01	0.028264720	6.434734e−01	SAP30BP
ENSG00000161542	9.422360e+02	−0.086419723	1.086086e−01	−0.015577855	0.774443248	−0.042272969	4.373170e−01	−0.117084169	3.380898e−02	PRPSAP1
ENSG00000161544	7.984699e−01	0.002741906	9.578227e−01	0.028905827	0.577328025	0.037034572	4.746288e−01	0.113400627	2.925042e−02	CYGB
ENSG00000161551	2.302866e+02	−0.071920030	4.988923e−01	−0.087401175	0.412739979	−0.248332965	2.016730e−02	−0.182311873	8.908065e−02	ZNF577
ENSG00000161638	5.064168e+03	0.327129305	4.267131e−03	0.099480072	0.385670506	0.018882695	8.692135e−01	0.197487724	8.570312e−02	ITGA5
ENSG00000161640	7.043083e+01	0.167503557	1.955670e−01	0.115675161	0.369651339	0.050314499	6.963267e−01	0.387936101	2.506871e−03	SIGLEC11
ENSG00000161643	1.173165e+02	0.099171147	4.457307e−01	0.283302067	0.028989970	0.145357956	2.626874e−01	0.258670359	4.563673e−02	SIGLEC16
ENSG00000161653	3.475050e+01	0.255215128	4.722668e−02	−0.041769920	0.745525102	0.073253364	5.690039e−01	0.116911904	3.621523e−01	NAGS
ENSG00000161791	1.747439e+03	−0.151080747	1.202430e−01	−0.150346588	0.123874820	−0.034499580	7.239927e−01	−0.322606514	1.034701e−03	FMNL3
ENSG00000161813	8.851115e+02	0.129243147	4.303585e−02	0.033056531	0.608603616	0.122106874	5.839698e−02	0.212568357	1.108568e−03	LARP4
ENSG00000161888	5.144159e+00	0.113516790	2.479224e−01	0.197911913	0.043742761	0.177517005	7.012486e−02	0.108860756	2.650085e−01	SPC24
ENSG00000161911	2.024400e+01	0.036325590	7.536413e−01	−0.266688342	0.020491929	−0.026241504	8.199059e−01	−0.198157107	8.384708e−02	TREML1
ENSG00000161912	1.125958e+02	0.251467147	3.843462e−02	0.054346560	0.655057679	0.202191633	9.625861e−02	0.124213595	3.071074e−01	ADCY10P1
ENSG00000161920	3.192207e+02	−0.050545869	5.246746e−01	0.007717794	0.923104989	−0.170530076	3.366989e−02	−0.139069120	8.576641e−02	MED11
ENSG00000161921	7.827668e+03	0.001219773	9.910993e−01	0.027992148	0.798482825	−0.053864957	6.232286e−01	−0.266599940	1.538205e−02	CXCL16
ENSG00000161940	1.095883e+00	−0.184735345	7.379007e−03	−0.114651259	0.097554157	−0.118758314	8.539443e−02	−0.130848923	5.755256e−02	BCL6B
ENSG00000161944	1.727070e+03	−0.056514843	6.425876e−01	0.246140717	0.043262718	−0.005880235	9.614936e−01	0.018735449	8.777623e−01	ASGR2
ENSG00000161970	1.387902e+04	−0.234889734	1.080048e−04	−0.090935150	0.137693919	−0.083135439	1.747584e−01	−0.261969241	2.394882e−05	RPL26
ENSG00000161973	4.121393e+00	−0.186507395	4.134216e−02	−0.059058150	0.518593848	−0.215016204	1.819282e−02	−0.098311443	2.808173e−01	CCDC42
ENSG00000161981	9.197467e+02	0.008404657	9.098019e−01	−0.001001492	0.989320352	−0.035703539	6.334263e−01	−0.183731550	1.517913e−02	SNRNP25
ENSG00000161996	4.860684e+02	0.233082499	9.563417e−03	0.128455077	0.156012660	0.134830298	1.365868e−01	0.012878862	8.878738e−01	WDR90
ENSG00000162032	4.009123e+01	0.306415017	1.597416e−02	0.104695087	0.410530649	0.111955807	3.789842e−01	0.121349163	3.395734e−01	SPSB3
ENSG00000162062	1.492353e+01	0.323703355	1.374455e−02	0.070813534	0.588291131	0.337479171	9.952646e−03	0.020330294	8.758743e−01	C16orf59
ENSG00000162076	3.987075e+02	−0.172101977	1.958221e−02	−0.120020594	0.106021585	−0.201014065	6.916226e−03	−0.166382209	2.673182e−02	FLYWCH2
ENSG00000162129	9.380388e+02	−0.045582721	5.268505e−01	0.065635703	0.365769125	−0.101403357	1.630875e−01	0.149101391	4.193388e−02	CLPB
ENSG00000162139	6.047410e+02	0.132711958	8.363593e−02	0.027356341	0.723867199	0.156596042	4.293496e−02	−0.063274907	4.185757e−01	NEU3
ENSG00000162144	2.502734e+03	−0.137915383	7.176862e−03	−0.051928563	0.316350812	−0.062470858	2.282257e−01	−0.109796550	3.657693e−02	CYB561A3
ENSG00000162194	2.538582e+02	−0.024398691	7.822172e−01	−0.084797552	0.340126407	−0.012087823	8.917784e−01	−0.199301240	2.640940e−02	LBHD1
ENSG00000162244	1.947056e+04	−0.207184705	2.664964e−04	−0.135929608	0.017899477	−0.234132834	4.546245e−05	−0.249363568	1.794719e−05	RPL29
ENSG00000162302	1.002097e+04	−0.064924045	3.261327e−01	−0.162935555	0.014630795	−0.166205680	1.276431e−02	−0.163241940	1.559193e−02	RPS6KA4
ENSG00000162367	1.207117e+01	−0.255979847	2.070188e−03	−0.273237069	0.000986185	−0.186920626	2.426317e−02	−0.275635000	8.615344e−04	TAL1
ENSG00000162384	9.888521e+02	−0.172500439	1.066644e−03	0.028660691	0.589264551	−0.046101286	3.861077e−01	−0.118083069	2.851581e−02	C1orf123
ENSG00000162391	7.315297e+00	−0.144549801	2.200242e−01	−0.145955178	0.213676945	−0.249291961	3.314486e−02	−0.130215547	2.657717e−01	FAM151A
ENSG00000162402	3.155664e+03	0.148156397	2.022227e−02	0.133135619	0.038747681	0.181476344	4.841380e−03	0.067919893	2.974028e−01	USP24
ENSG00000162407	4.177686e+00	0.010196666	8.765875e−01	0.136440779	0.037784447	0.017971627	7.839679e−01	0.038600639	5.556023e−01	PLPP3
ENSG00000162408	7.590323e+02	0.135836644	1.632095e−02	−0.015321717	0.789183232	0.026167367	6.479217e−01	0.162493165	4.960754e−03	NOL9
ENSG00000162419	8.006474e+02	0.177462110	3.423501e−02	0.076949173	0.362105783	−0.071242065	3.993686e−01	0.029373655	7.303160e−01	GMEB1
ENSG00000162426	6.769822e+00	−0.061653253	5.844300e−01	−0.278230996	0.012816025	−0.097882490	3.827741e−01	0.042260338	7.062372e−01	SLC45A1
ENSG00000162430	3.924483e+03	−0.022484963	6.631260e−01	−0.139755578	0.007427039	−0.119884349	2.166472e−02	−0.012649418	8.108859e−01	SELENON
ENSG00000162441	6.147785e+02	−0.054849686	2.562376e−01	0.027650929	0.570103468	0.026772782	5.829555e−01	0.102327365	3.766101e−02	LZIC
ENSG00000162510	7.797305e+00	0.266864262	1.816307e−02	0.328724699	0.003525719	0.211025003	6.032583e−02	0.326258432	3.650118e−03	MATN1
ENSG00000162517	1.212041e+03	0.072206207	2.627370e−01	0.100198758	0.123553168	0.093135948	1.524642e−01	0.170777535	9.431921e−03	PEF1
ENSG00000162521	3.721277e+03	0.011080631	8.001609e−01	0.024840196	0.574735325	0.045060113	3.088342e−01	0.156036439	5.027776e−04	RBBP4
ENSG00000162522	9.606619e+02	0.008170828	9.343785e−01	−0.219013899	0.028123348	−0.025065143	8.015144e−01	0.029152241	7.711826e−01	KIAA1522
ENSG00000162542	1.177019e+03	−0.003149189	9.612817e−01	−0.019816144	0.762199821	−0.129558714	4.819525e−02	−0.067248179	3.102949e−01	TMCO4
ENSG00000162545	2.478873e+00	−0.041590553	5.855659e−01	0.085334280	0.264779280	0.273516367	3.721551e−04	−0.001160657	9.878186e−01	CAMK2N1
ENSG00000162552	4.361029e+00	0.220461924	1.773132e−02	0.218262491	0.018620222	0.213903170	2.097641e−02	0.111578938	2.262514e−01	WNT4
ENSG00000162571	7.631818e−01	0.149276324	6.019365e−03	0.059367138	0.272556506	0.018346745	7.335412e−01	0.032576552	5.457326e−01	TTLL10
ENSG00000162585	1.405592e+03	−0.080827238	2.847761e−01	−0.177582223	0.019807671	−0.129550638	8.916001e−02	−0.102743177	1.817654e−01	FAAP20
ENSG00000162599	3.948720e+01	−0.030301586	8.084621e−01	0.012221320	0.922027100	−0.266905729	3.327176e−02	−0.146302776	2.416329e−01	NFIA
ENSG00000162600	3.189000e+02	0.014507961	8.823630e−01	0.272317614	0.005590457	0.213246093	3.015647e−02	0.146403262	1.390555e−01	OMA1
ENSG00000162620	3.268059e+00	0.016145851	8.385436e−01	0.096980043	0.221282628	0.042378901	5.921685e−01	0.192935826	1.485947e−02	LRRIQ3
ENSG00000162627	3.633254e+01	0.393602749	2.709578e−04	−0.088998522	0.407886284	−0.064558098	5.482523e−01	−0.008994104	9.331090e−01	SNX7
ENSG00000162636	4.939989e+03	0.154623159	4.924344e−02	0.098888916	0.212058905	−0.027754355	7.262118e−01	0.092323380	2.484304e−01	FAM102B
ENSG00000162639	3.787006e+02	−0.207427670	8.597593e−03	−0.068658378	0.387117965	−0.100474681	2.061743e−01	−0.112687516	1.596341e−01	HENMT1
ENSG00000162645	2.369526e+03	0.172600315	1.879120e−01	0.116950584	0.371079008	0.284165787	2.975386e−02	0.249331882	5.575808e−02	GBP2
ENSG00000162650	3.115658e+02	0.250308857	4.611773e−03	0.099863683	0.262238837	0.156001755	7.981944e−02	0.052189607	5.612684e−01	ATXN7L2
ENSG00000162654	3.122910e+03	0.153773298	2.417599e−01	0.061565763	0.638419953	0.327487579	1.243305e−02	0.183513722	1.599141e−01	GBP4
ENSG00000162688	5.124947e+02	0.104463223	1.826965e−01	0.075521710	0.339393808	0.165599106	3.607040e−02	0.056137608	4.816177e−01	AGL
ENSG00000162694	8.794897e+01	−0.293642292	7.277110e−03	−0.163634360	0.134871992	−0.130311694	2.338328e−01	−0.034405914	7.532903e−01	EXTL2
ENSG00000162695	9.536672e+02	0.120678981	7.792086e−02	0.066711450	0.334429382	0.160435719	2.020477e−02	0.187981311	7.064286e−03	SLC30A7
ENSG00000162706	6.900192e+00	−0.128411236	2.611791e−01	−0.204033832	0.072881090	−0.150255849	1.866879e−01	−0.279829254	1.329125e−02	CADM3
ENSG00000162723	1.259351e+02	0.192429496	1.369209e−01	0.178394919	0.167175050	0.319319411	1.339824e−02	0.124486822	3.339487e−01	SLAMF9
ENSG00000162734	1.783414e+04	−0.053849265	4.598736e−01	−0.065354676	0.373780741	−0.044473422	5.450227e−01	−0.254915522	5.965869e−04	PEA15
ENSG00000162739	5.157028e+01	0.188384004	1.305960e−01	0.142673299	0.250340490	0.330735347	7.729554e−03	0.357415876	3.828844e−03	SLAMF6
ENSG00000162747	8.903996e+01	0.019785578	8.382882e−01	0.049151915	0.611223939	0.215428631	2.590675e−02	0.152536045	1.134622e−01	FCGR3B
ENSG00000162757	3.686267e+01	−0.041754275	7.377139e−01	0.297650921	0.016393714	0.141741848	2.543787e−01	−0.223522560	7.323998e−02	C1orf74
ENSG00000162769	6.605753e+02	0.211791126	3.195111e−02	0.175606720	0.076730123	0.278628433	4.968289e−03	0.147463161	1.394325e−01	FLVCR1
ENSG00000162775	1.077497e+03	0.073725047	2.147661e−01	−0.043040179	0.474011863	−0.072892565	2.257055e−01	−0.136042745	2.551194e−02	RBM15
ENSG00000162779	1.173957e+00	0.134299752	3.606735e−02	−0.037434356	0.555445119	0.076384311	2.304910e−01	0.071602706	2.616621e−01	AXDND1
ENSG00000162819	1.537980e+03	0.029800836	7.406236e−01	0.043175126	0.633564068	−0.011848159	8.959433e−01	0.244041449	7.449811e−03	BROX
ENSG00000162840	6.952883e+00	0.097594066	3.523287e−01	0.085576785	0.413400113	0.190081891	6.958968e−02	0.296167029	4.609094e−03	MT2P1
ENSG00000162852	8.716092e+02	−0.051347853	3.732417e−01	−0.005350263	0.926760410	−0.030067824	6.058184e−01	−0.150773093	1.072056e−02	CNST
ENSG00000162869	1.291360e+03	0.022350161	7.375878e−01	0.078472337	0.243554460	0.081646396	2.251375e−01	0.134231037	4.846382e−02	PPP1R21
ENSG00000162881	3.980372e+02	−0.139091880	1.407535e−01	−0.027979709	0.767980250	−0.215001628	2.366120e−02	−0.043900294	6.456658e−01	OXER1
ENSG00000162882	6.906846e+02	−0.033843623	6.621672e−01	−0.019714137	0.800514611	−0.201189152	1.007520e−02	−0.015493070	8.442081e−01	HAAO
ENSG00000162888	6.829791e+00	0.337624888	2.081329e−03	0.082976398	0.445409890	0.158564414	1.450825e−01	0.246316029	2.345400e−02	C1orf147
ENSG00000162910	8.820495e+02	−0.103441014	1.149740e−01	−0.149350582	0.024227162	−0.202390446	2.285279e−03	−0.247371005	2.276770e−04	MRPL55
ENSG00000162924	4.909138e+03	0.097414641	2.015438e−01	0.021705802	0.777726374	−0.048934425	5.245849e−01	−0.208862135	7.170751e−03	REL
ENSG00000162972	3.232684e+02	0.007423791	9.092026e−01	−0.120954263	0.066783269	−0.196002210	3.085823e−03	−0.141686894	3.379981e−02	MAIP1
ENSG00000162980	4.971115e+03	−0.164621276	2.021867e−02	−0.112064428	0.117033184	−0.076338582	2.856672e−01	−0.070738074	3.276145e−01	ARL5A
ENSG00000162994	7.522701e+01	0.076060089	5.640413e−01	0.331930710	0.011562089	0.133215336	3.108586e−01	0.563104738	1.702407e−05	CLHC1
ENSG00000163013	3.477217e+03	−0.052696787	4.016469e−01	−0.190627277	0.002667062	−0.089664066	1.576164e−01	−0.075730593	2.381689e−01	FBXO41
ENSG00000163026	5.488277e+01	−0.045042814	7.308053e−01	−0.072588480	0.578384121	0.159546065	2.216773e−01	0.282521717	2.989214e−02	WDCP
ENSG00000163029	7.622204e+02	0.103269739	7.177022e−02	0.159942451	0.005708764	0.148936959	1.012709e−02	0.116563007	4.690944e−02	SMC6
ENSG00000163040	3.740232e+00	0.091952626	2.777805e−01	0.088688063	0.294156139	0.188775881	2.575943e−02	0.096998342	2.501707e−01	CCDC74A
ENSG00000163050	2.044650e+03	−0.064523763	3.875371e−01	−0.123099336	0.102132697	−0.055773035	4.588950e−01	−0.199656521	8.682306e−03	COQ8A
ENSG00000163053	7.849989e+01	−0.426797907	1.201321e−03	−0.204897402	0.118815015	−0.407045109	1.942666e−03	−0.452504348	5.413744e−04	SLC16A14
ENSG00000163082	4.824502e+01	0.144913982	2.533031e−01	0.033756824	0.790096902	0.149681475	2.375811e−01	0.277714809	2.805015e−02	SGPP2
ENSG00000163083	7.262349e+00	−0.288657765	1.547597e−02	−0.180126857	0.130379530	−0.256229575	3.102041e−02	−0.179029486	1.309436e−01	INHBB

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000163121	4.052330e+00	0.0576427729	5.477631e−01	0.229883040	0.016814657	0.075547130	4.297073e−01	0.054003579	5.707407e−01	NEURL3
ENSG00000163125	2.224076e+03	−0.0272190182	5.523730e−01	−0.114945279	0.013184576	−0.094165769	4.233636e−02	0.003355117	9.430270e−01	RPRD2
ENSG00000163155	8.996136e+01	0.2632265772	1.267356e−02	0.157269953	0.138804782	0.090432773	3.957908e−01	0.085865789	4.210687e−01	LYSMD1
ENSG00000163156	2.428196e+03	−0.1307823355	5.405489e−03	−0.019704811	0.678220297	−0.107110661	2.428989e−02	−0.131259415	6.451690e−03	SCNM1
ENSG00000163219	1.213312e+03	0.2368903511	4.041270e−03	0.121894008	0.141999860	0.210519181	1.119581e−02	0.118877081	1.559348e−01	ARHGAP25
ENSG00000163220	1.165184e+04	−0.0364126749	7.820298e−01	0.123300608	0.347177837	−0.019823523	8.798652e−01	0.291383355	2.567107e−02	S100A9
ENSG00000163273	4.442101e+00	0.0349921075	6.010194e−01	0.108866096	0.103664329	0.179519447	7.308217e−03	0.021058925	7.521954e−01	NPPC
ENSG00000163281	3.630105e+02	−0.0737816446	4.530415e−01	−0.132297997	0.180746170	−0.107737558	2.757777e−01	−0.210090741	3.463607e−02	GNPDA2
ENSG00000163291	4.529230e+02	0.0911074709	2.651912e−01	0.123627609	0.133217398	0.124048952	1.320821e−01	0.170734837	3.971051e−02	PAQR3
ENSG00000163293	7.088356e+00	0.1391632637	2.183495e−01	0.129879803	0.249096694	0.263922803	1.939833e−02	0.140489565	2.103035e−01	NIPAL1
ENSG00000163319	1.864366e+02	−0.0500507624	6.039067e−01	0.103102662	0.286059351	0.195341702	4.308730e−02	0.120702330	2.149104e−01	MRPS18C
ENSG00000163322	5.461312e+02	−0.0823125252	2.076059e−01	−0.116195819	0.078062158	−0.132856774	4.417089e−02	−0.015888037	8.115142e−01	ABRAXAS1
ENSG00000163348	7.136118e+02	−0.0845937406	2.176896e−01	−0.029080205	0.674343024	0.193382533	5.098155e−03	0.074473907	2.862542e−01	PYGO2
ENSG00000163374	2.490398e+03	0.0946986218	1.434971e−02	0.040300212	0.303481526	0.047293432	2.274383e−01	0.053170441	1.807460e−01	YY1AP1
ENSG00000163382	9.753361e+02	−0.1367994919	7.305231e−03	−0.068812974	0.181400016	−0.118329740	2.178677e−02	−0.139531683	7.544512e−03	NAXE
ENSG00000163389	7.765346e+02	0.0752468008	3.513052e−01	0.221974892	0.006298542	0.206842004	1.094065e−02	0.181078735	2.721167e−02	POGLUT1
ENSG00000163406	4.185515e+02	0.0058700429	9.467887e−01	0.067809854	0.443482894	0.179792918	4.201436e−02	0.198056326	2.605359e−02	SLC15A2
ENSG00000163412	6.953750e+02	0.3378815551	9.347169e−03	0.320672033	0.013443808	0.275191274	3.390776e−02	0.490934198	1.481784e−04	EIF4E3
ENSG00000163428	1.691550e+03	0.0113091709	8.720120e−01	−0.009414782	0.894253026	0.079026651	2.644053e−01	0.201249852	4.888151e−03	LRRC58
ENSG00000163430	1.415033e+01	−0.2039501217	5.583598e−02	0.070063028	0.511142732	−0.074684265	4.829640e−01	−0.229677520	2.999023e−02	FSTL1
ENSG00000163444	1.500725e+03	−0.0797074279	8.916110e−02	−0.109642396	0.020818828	−0.116678991	1.398160e−02	−0.040456469	3.996739e−01	TMEM183A
ENSG00000163453	2.012760e+03	0.0428827444	5.627457e−01	−0.068529549	0.359194502	−0.058081808	4.371440e−01	0.166570164	2.724205e−02	IGFBP7
ENSG00000163466	2.338154e+04	−0.1054363985	1.654649e−02	−0.072196422	0.104692456	−0.082874115	6.255035e−02	−0.024303197	5.901182e−01	ARPC2
ENSG00000163467	2.140286e+00	−0.0135891977	8.595121e−01	0.024449128	0.750057380	0.032290440	6.736128e−01	0.180246554	1.923542e−02	TSACC
ENSG00000163479	6.819847e+03	−0.1195088431	6.955139e−03	−0.023782438	0.595281907	−0.041559230	3.533833e−01	−0.094680960	3.704761e−02	SSR2
ENSG00000163481	3.135545e+02	−0.1486061373	5.848204e−02	−0.109088175	0.167784017	−0.229739645	3.785378e−03	−0.202562901	1.130729e−02	RNF25
ENSG00000163485	1.766424e+02	−0.1832320274	1.597857e−01	−0.269735912	0.038093548	0.180238446	1.656503e−01	0.032829351	8.001375e−01	ADORA1
ENSG00000163507	1.232911e+02	0.1171457583	3.066406e−01	0.253383814	0.027050505	0.219639310	5.548414e−02	−0.057489828	6.178668e−01	KIAA1524
ENSG00000163510	6.777150e+02	0.1984013545	1.359832e−02	0.094615433	0.243057629	0.059877663	4.603256e−01	0.090631784	2.680330e−01	CWC22
ENSG00000163512	3.812155e+02	0.0559005798	5.444534e−01	0.032449055	0.726434188	−0.063819427	4.919553e−01	0.186198212	4.602105e−02	AZI2
ENSG00000163521	1.927935e+02	−0.2362598816	6.581307e−02	−0.176804422	0.166995473	−0.209606005	1.013427e−01	−0.255258715	4.497716e−02	GLB1L
ENSG00000163527	5.935150e+03	0.0490432748	2.949925e−01	0.005071451	0.914733707	0.100338482	3.410424e−02	0.088468526	6.531198e−02	STT3B
ENSG00000163528	2.639235e+02	0.0185740955	8.144380e−01	0.164272178	0.038782822	0.208066207	8.853796e−03	0.190319846	1.754808e−02	CHCHD4
ENSG00000163534	2.300774e+02	0.2021775625	8.068025e−02	0.249297626	0.030652732	0.182182553	1.141683e−01	0.269450013	1.893562e−02	FCRL1
ENSG00000163535	5.540056e+01	0.3572507402	5.185298e−03	−0.105168973	0.411235977	0.250640689	4.973892e−02	0.111901510	3.804170e−01	SGO2
ENSG00000163539	1.951758e+03	0.1869262780	5.097611e−03	0.153401871	0.022783610	0.199724474	3.029407e−03	0.168258733	1.350975e−02	CLASP2
ENSG00000163558	6.437406e+02	0.0850579680	2.412772e−01	−0.030560297	0.676809003	0.147100053	4.445397e−02	0.162414139	2.794337e−02	PRKCI
ENSG00000163565	6.835425e+03	0.1033096609	2.737142e−01	0.122181498	0.197867628	0.057100965	5.473427e−01	0.338645517	3.916805e−04	IFI16
ENSG00000163584	1.049983e+03	−0.0912477188	2.301616e−01	−0.060383942	0.430731140	−0.083724604	2.748052e−01	−0.161875982	3.661734e−02	RPL22L1
ENSG00000163608	1.907523e+03	−0.1092440464	3.867690e−02	−0.033274612	0.532950488	0.027939245	6.005319e−01	−0.119989778	2.655973e−02	NEPRO
ENSG00000163624	2.911248e+02	−0.0820448652	4.717132e−01	−0.276112058	0.015709157	−0.099789038	3.823605e−01	−0.324856388	4.576242e−03	CDS1
ENSG00000163631	8.318507e−01	0.0301527364	5.886245e−01	0.166266656	0.003039547	0.023842579	6.681801e−01	0.066290301	2.340963e−01	ALB
ENSG00000163635	3.320381e+03	0.0633553954	1.975776e−01	−0.076698023	0.123157232	−0.063139285	2.044741e−01	−0.111886071	2.654950e−02	ATXN7
ENSG00000163644	6.812658e+02	0.0794133711	3.459525e−01	0.044861960	0.596946700	0.073088751	3.889973e−01	0.340138127	6.855173e−05	PPM1K
ENSG00000163666	2.542536e+01	0.0692261897	5.847635e−01	−0.009445478	0.940323960	−0.029872849	8.127775e−01	0.286147642	2.282457e−02	HESX1
ENSG00000163673	1.359633e+01	−0.0378185545	7.492057e−01	−0.159477797	0.175663302	−0.014570106	9.016433e−01	−0.266608484	2.268082e−02	DCLK3
ENSG00000163681	1.288920e+03	0.1112168805	3.271926e−02	0.018785615	0.721513444	0.029430822	5.767196e−01	0.125306633	1.877298e−02	SLMAP
ENSG00000163683	2.066343e+03	−0.0650219946	2.301511e−01	0.114770846	0.035808773	0.050943448	3.518699e−01	0.065759500	2.352896e−01	SMIM14
ENSG00000163686	4.664604e+02	−0.0130197662	8.956690e−01	0.071394298	0.473879731	0.112254029	2.601376e−01	−0.256995444	1.050273e−02	ABHD6
ENSG00000163687	5.119835e+02	−0.2941949115	2.096295e−02	−0.104365795	0.411015533	−0.081214331	5.223402e−01	−0.269075339	3.317890e−02	DNASE1L3
ENSG00000163703	4.931933e+02	−0.0160003249	8.330852e−01	0.010900520	0.886698412	−0.155708536	4.242112e−02	−0.093609259	2.263236e−01	CRELD1
ENSG00000163705	4.657375e+00	−0.2245221661	3.727197e−02	−0.045724961	0.672127822	0.086906519	4.223716e−01	−0.047502820	6.590190e−01	FANCD2OS
ENSG00000163749	6.295255e−01	0.0121383899	7.059867e−01	0.007152899	0.824015203	−0.002909015	9.278605e−01	0.079041763	1.411356e−02	CCDC158
ENSG00000163751	3.448663e+00	0.0439798530	6.060204e−01	0.094977214	0.265078336	0.181455429	3.344391e−02	−0.016944276	8.414993e−01	CPA3
ENSG00000163754	1.883274e+03	−0.0150266936	7.919995e−01	0.075012483	0.192087670	0.055490121	3.347968e−01	0.251566542	1.536555e−05	GYG1
ENSG00000163755	2.458887e+03	−0.0213957114	6.608020e−01	0.061366231	0.212958699	0.117239208	1.732302e−02	−0.024845151	6.189557e−01	HPS3
ENSG00000163795	7.316185e+02	−0.0080104855	9.015928e−01	−0.042441032	0.516481993	−0.106289374	1.047322e−01	−0.134901226	4.181682e−02	ZNF513
ENSG00000163823	1.401637e+03	0.2293028148	8.173519e−02	0.044083364	0.737043513	−0.043320077	7.414314e−01	0.281796676	3.112891e−02	CCR1
ENSG00000163832	4.096226e+02	0.1000219372	1.598212e−01	0.077547834	0.279868239	0.157613492	2.794204e−02	0.213646134	3.170671e−03	ELP6
ENSG00000163833	6.053102e+01	−0.1096157937	4.048896e−01	0.064312250	0.624039685	−0.260233478	4.741648e−02	−0.089777301	4.923575e−01	FBXO40
ENSG00000163840	2.151295e+03	0.1911599169	4.802153e−02	0.105510086	0.277549565	0.147567865	1.288439e−01	0.530366516	5.730299e−08	DTX3L
ENSG00000163864	7.207710e+01	−0.3236343061	7.144328e−03	−0.145809227	0.224859857	−0.411552281	6.417270e−04	−0.247020692	3.997585e−02	NMNAT3
ENSG00000163870	1.084339e+03	0.2508916345	2.474713e−02	0.042850466	0.702084778	0.056013554	6.170817e−01	−0.001468134	9.895728e−01	TPRA1
ENSG00000163872	1.506005e+03	0.1868425581	4.277175e−03	0.029906615	0.650815052	0.030921930	6.398791e−01	0.158798566	1.742447e−02	YEATS2
ENSG00000163874	1.312011e+03	0.2588295556	2.166499e−02	0.158622535	0.160255653	−0.156724220	1.654799e−01	−0.049276076	6.635713e−01	ZC3H12A
ENSG00000163877	5.348772e+02	0.0252311214	7.500146e−01	0.095748273	0.229794549	−0.159413211	4.629435e−02	−0.129246258	1.091482e−01	SNIP1
ENSG00000163909	1.197155e+01	0.3443956664	3.811440e−03	0.129539067	0.273469002	0.162354329	1.698645e−01	0.095419529	4.175517e−01	HEYL
ENSG00000163915	4.077105e+00	0.0840338593	4.539127e−01	−0.223447425	0.043373094	−0.186009725	9.261735e−02	−0.282743370	1.025413e−02	IGF2BP2−AS1
ENSG00000163931	1.633730e+04	−0.0117963022	8.709665e−01	0.004722307	0.948590534	−0.151964265	3.801722e−02	0.020355518	7.832741e−01	TKT
ENSG00000163939	3.188542e+03	0.0211542710	6.075995e−01	0.022954435	0.581761452	0.047496510	2.544722e−01	0.097452064	2.104933e−02	PBRM1
ENSG00000163946	4.020255e+03	−0.0001962927	9.971981e−01	0.051537240	0.361389856	0.047246007	4.028293e−01	0.191916065	7.856341e−04	FAM208A
ENSG00000163947	1.595576e+03	0.0512828631	6.412131e−01	−0.012861035	0.907205594	0.006973240	9.496076e−01	0.347628481	1.681894e−03	ARHGEF3
ENSG00000163956	2.991226e+03	−0.0855459424	1.436828e−01	−0.033085247	0.575501857	−0.163198969	5.781398e−03	−0.126519538	3.449146e−02	LRPAP1
ENSG00000163960	1.989281e+03	0.0826047983	2.549068e−01	0.027644414	0.705663200	0.161940379	2.687701e−02	0.022279687	7.631937e−01	UBXN7
ENSG00000163961	2.064494e+03	−0.0078247424	9.158374e−01	−0.141950645	0.057361049	−0.299263027	6.233237e−05	−0.296629748	8.537635e−05	RNF168
ENSG00000163975	5.808062e+01	0.2284992346	7.997158e−02	0.203996835	0.117196329	0.274237312	3.518189e−02	0.271993861	3.621362e−02	MELTF
ENSG00000164008	2.074476e+02	−0.1216556651	1.209991e−01	−0.118641968	0.133438195	−0.052023290	5.101729e−01	−0.190850493	1.698687e−02	C1orf50
ENSG00000164011	6.613583e+01	0.0705578771	5.422611e−01	0.181996337	0.115779477	0.231563018	4.534844e−02	0.065920069	5.703535e−01	ZNF691
ENSG00000164048	7.653537e+02	−0.1892406770	3.621157e−02	−0.231422976	0.010906943	−0.280227606	2.062592e−03	−0.306060061	8.353272e−04	ZNF589
ENSG00000164051	1.244794e+02	−0.0062396648	9.529690e−01	0.049131851	0.643074973	0.015443740	8.843264e−01	0.313810984	3.101125e−03	CCDC51
ENSG00000164054	3.109123e+03	0.0621724933	5.098393e−01	0.039813148	0.674627813	0.040023459	6.730218e−01	0.273341802	4.185566e−03	SHISA5
ENSG00000164056	2.140256e+01	0.0406638100	7.114972e−01	0.237826129	0.030157949	−0.070355826	5.202873e−01	0.291146138	7.739914e−03	SPRY1
ENSG00000164062	2.948995e+03	−0.0957871926	3.569412e−02	0.005011100	0.913384915	−0.054804888	2.346045e−01	0.069672082	1.357418e−01	APEH
ENSG00000164074	5.798786e+02	0.1609087250	7.173535e−03	0.080446613	0.184303804	0.241709797	6.338703e−05	0.117500751	5.483688e−02	ABHD18
ENSG00000164076	1.275220e+00	0.0228981633	6.871479e−01	0.018113553	0.749726881	−0.017598182	7.560349e−01	0.127484048	2.520484e−02	CAMKV
ENSG00000164077	2.376880e+02	−0.0017830520	9.843048e−01	0.035083133	0.700223959	0.063304269	4.873060e−01	0.180084289	4.922868e−02	MON1A
ENSG00000164082	5.061851e+01	0.1846197321	1.543513e−01	0.032717022	0.800477769	0.305549915	1.814323e−02	0.110467265	3.921435e−01	GRM2
ENSG00000164091	6.542638e+03	−0.0798674835	5.766681e−02	−0.093708993	0.027695645	−0.069027898	1.048872e−01	−0.116073683	7.180132e−03	WDR82
ENSG00000164096	3.650918e+03	−0.1281547423	1.933182e−03	0.007628657	0.855081245	−0.020886664	6.172407e−01	−0.042746403	3.131657e−01	C4orf3
ENSG00000164105	6.093941e+02	−0.1036678138	4.266882e−01	0.218639932	0.092470900	−0.022233945	8.641412e−01	0.399326162	2.020902e−03	SAP30
ENSG00000164114	2.949117e+01	0.1164306679	3.772338e−01	0.260825359	0.047231769	0.130473366	3.209132e−01	0.045400184	7.287263e−01	MAP9
ENSG00000164123	8.257299e+00	0.0474886960	6.687558e−01	0.251230232	0.023669535	−0.016798981	8.791366e−01	0.224375671	4.216670e−02	C4orf45
ENSG00000164168	5.997720e+02	0.2061462740	9.084843e−03	0.061540848	0.440216021	0.163330962	4.038756e−02	0.207247968	9.918792e−03	TMEM184C
ENSG00000164169	3.257666e+02	0.5464682851	8.495499e−06	0.225713668	0.066043153	0.056018563	6.483931e−01	0.026357081	8.301073e−01	PRMT9
ENSG00000164172	5.013989e+02	−0.1490883434	4.581703e−02	−0.039491993	0.599215248	−0.050430332	5.024763e−01	−0.036948200	6.263741e−01	MOCS2
ENSG00000164180	5.162270e+02	0.0127415469	8.508839e−01	0.069989366	0.305732582	0.158650416	2.014169e−02	−0.011185722	8.715242e−01	TMEM161B
ENSG00000164197	7.125381e−01	−0.1181282626	1.182932e−02	−0.100266168	0.032656502	−0.081523618	8.214659e−02	−0.112453242	1.648578e−02	RNF180
ENSG00000164211	1.419543e+03	0.2547362689	1.731860e−02	0.184184504	0.086308834	0.180552127	9.270896e−02	0.161273940	1.346754e−01	STARD4
ENSG00000164244	1.287008e+03	−0.0407482198	5.026168e−01	0.027193759	0.657595167	0.070784200	2.485949e−01	0.140190965	2.376608e−02	PRRC1
ENSG00000164258	8.907306e+02	−0.1702221030	1.563444e−03	−0.071056181	0.190659717	−0.056425180	2.989512e−01	−0.195957413	3.773191e−04	NDUFS4
ENSG00000164284	2.189149e+02	−0.2738267765	2.507719e−02	−0.245065968	0.044959807	−0.013078757	9.147313e−01	0.018750216	8.779762e−01	GRPEL2
ENSG00000164291	3.253778e+01	0.0048476186	9.702973e−01	0.013224889	0.918928121	0.305738332	1.844612e−02	0.052162572	6.869953e−01	ARSK
ENSG00000164292	5.122578e+01	−0.0159141971	9.037686e−01	0.055425595	0.672817544	0.152567736	2.450394e−01	0.285001363	2.928030e−02	RHOBTB3
ENSG00000164305	5.871088e+02	0.1985251757	3.087244e−02	0.101430182	0.273039776	0.113468975	2.202086e−01	0.132125671	1.562386e−01	CASP3
ENSG00000164329	2.732463e+03	0.1201392474	1.591574e−02	0.065295143	0.195109522	0.063326151	2.090609e−01	0.065015207	2.030517e−01	PAPD4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000164330	1.707885e+01	0.084195432	4.057155e−01	0.178186960	7.779056e−02	0.162679196	1.072271e−01	0.222465125	2.716271e−02	EBF1
ENSG00000164342	3.154927e+02	0.261979662	4.373123e−02	0.222864700	8.560856e−02	0.076641451	5.544577e−01	−0.151043151	2.429243e−01	TLR3
ENSG00000164344	3.558238e+00	0.040940579	5.750473e−01	0.097244541	1.828907e−01	0.167054004	2.220760e−02	0.058437844	4.219640e−01	KLKB1
ENSG00000164346	3.179590e+03	−0.201026435	1.198161e−02	−0.106569081	1.860392e−01	−0.143805100	7.439307e−02	−0.217044141	7.634780e−03	NSA2
ENSG00000164347	5.313242e+02	0.152538110	9.564310e−03	0.143561567	1.578800e−02	0.196854752	9.297304e−04	0.139639544	2.036726e−02	GFM2
ENSG00000164405	1.475051e+03	−0.109599893	1.933289e−02	−0.040139230	3.963640e−01	−0.062748430	1.853228e−01	−0.046970992	3.276313e−01	UQCRQ
ENSG00000164406	2.344931e+01	0.234416777	7.255318e−02	0.087789964	4.994609e−01	0.333900763	1.026984e−02	0.170293371	1.883006e−01	LEAP2
ENSG00000164442	1.331454e+03	0.048347299	6.757934e−01	0.079688421	4.912561e−01	0.203327684	7.902355e−02	0.306802176	8.154472e−03	CITED2
ENSG00000164512	1.431079e+01	−0.109934844	3.373880e−01	−0.112911314	3.229186e−01	−0.064111034	5.746565e−01	−0.234777173	3.862479e−02	ANKRD55
ENSG00000164587	3.244525e+04	−0.180692757	2.187534e−03	−0.074212111	2.128767e−01	−0.086102924	1.483856e−01	−0.141354111	1.909330e−02	RPS14
ENSG00000164591	8.443140e−01	0.125198483	1.091425e−02	0.049925201	3.085931e−01	0.027087273	5.798072e−01	0.011075202	8.208776e−01	MYOZ3
ENSG00000164610	2.739051e+02	−0.314136142	1.705830e−03	−0.261443644	9.294815e−03	−0.127887938	2.028473e−01	−0.118905244	2.386771e−01	RP9
ENSG00000164654	1.247679e+03	0.158645231	2.755145e−03	0.064443721	2.293590e−01	0.053038837	3.228718e−01	0.067096683	2.168413e−01	MIOS
ENSG00000164674	2.603460e+02	0.200085068	1.186125e−01	0.219743432	8.606307e−02	0.393437986	2.113073e−03	0.447225408	4.637229e−04	SYTL3
ENSG00000164683	3.280590e+00	0.093332927	2.551383e−01	0.170522537	3.769300e−02	0.042811366	6.003514e−01	−0.007590725	9.257120e−01	HEY1
ENSG00000164691	4.476185e+03	0.290941528	2.328579e−02	0.266963976	3.708236e−02	0.113617071	3.749275e−01	0.070493681	5.812610e−01	TAGAP
ENSG00000164692	1.168734e+01	−0.153080536	3.278905e−02	−0.115222567	1.076586e−01	−0.100817484	1.591691e−01	−0.117551580	1.000510e−01	COL1A2
ENSG00000164707	1.616070e+01	0.097701048	4.450449e−01	0.175774451	1.679323e−01	0.370791219	3.670026e−03	0.426908018	7.880447e−04	SLC13A4
ENSG00000164776	3.789106e+01	0.215148652	9.335151e−02	0.092298576	4.713467e−01	0.271295358	3.404312e−02	0.060525958	6.361871e−01	PHKG1
ENSG00000164850	1.617192e+02	−0.067821482	5.809024e−01	0.095425591	4.356223e−01	0.046963635	7.011902e−01	0.358240702	3.279486e−03	GPER1
ENSG00000164855	1.520878e+01	0.327052353	1.234290e−02	0.284364237	2.904435e−02	0.371173525	4.391295e−03	0.263583309	4.188864e−02	TMEM184A
ENSG00000164867	3.979016e+01	0.365096560	5.550093e−03	0.269230752	4.031197e−02	0.176642748	1.785843e−01	0.144010558	2.710758e−01	NOS3
ENSG00000164880	5.059080e+03	−0.065082726	3.939067e−01	−0.160667883	3.682406e−02	−0.108448402	1.587770e−01	−0.081395537	2.949159e−01	INTS1
ENSG00000164898	1.075176e+02	0.113891256	2.500234e−01	0.249677420	1.175558e−02	0.178869216	7.183928e−02	0.030459809	7.612458e−01	FMC1
ENSG00000164904	1.444084e+02	−0.016852067	8.903544e−01	−0.159944512	1.910844e−01	−0.292152151	1.703565e−02	−0.218976780	7.345879e−02	ALDH7A1
ENSG00000164916	2.588207e+03	0.043337388	5.069922e−01	−0.141840324	3.156193e−02	0.015931218	8.090947e−01	0.057938722	3.849160e−01	FOXK1
ENSG00000164919	2.422100e+03	−0.179387803	1.587721e−04	−0.029558318	5.376559e−01	−0.069660093	1.466418e−01	−0.050951435	2.946724e−01	COX6C
ENSG00000164932	1.885798e+00	−0.024491238	7.139197e−01	0.070444320	2.923439e−01	−0.039917210	5.488896e−01	0.144706267	3.073010e−02	CTHRC1
ENSG00000164934	9.961075e+02	0.072738753	1.784599e−01	0.067456200	2.168739e−01	0.127579702	1.947423e−02	0.099159688	7.304606e−02	DCAF13
ENSG00000164941	1.400195e+03	−0.052312582	3.719834e−01	0.031500812	5.942133e−01	0.117268058	4.724348e−02	0.074511157	2.131587e−01	INTS8
ENSG00000164949	1.885689e+02	0.210448115	1.098474e−01	0.113649388	3.862656e−01	−0.129505464	3.234682e−01	−0.362337795	5.527359e−03	GEM
ENSG00000164953	8.001195e+01	−0.120146338	3.225134e−01	−0.147851520	2.237412e−01	−0.083639935	4.911914e−01	−0.245099562	4.380122e−02	TMEM67
ENSG00000164961	2.055627e+03	−0.018353591	6.834905e−01	0.028516849	5.308379e−01	0.051287134	2.597760e−01	0.138860326	2.576842e−03	WASHC5
ENSG00000164983	1.983325e+03	−0.033092507	6.804876e−01	−0.036666754	6.506437e−01	−0.036554389	6.516810e−01	−0.171354035	3.603830e−02	TMEM65
ENSG00000165006	1.749439e+03	0.240391591	9.331670e−03	0.136779766	1.413880e−01	0.006734647	9.422958e−01	0.150473099	1.081610e−01	UBAP1
ENSG00000165028	1.931791e+02	−0.071860971	4.885145e−01	0.227570402	2.831840e−02	0.109689831	2.913340e−01	−0.082500900	4.303572e−01	NIPSNAP3B
ENSG00000165055	3.719962e+02	0.008615432	9.104252e−01	−0.113035484	1.439277e−01	0.152674120	4.748605e−02	0.129672262	9.551069e−02	METTL2B
ENSG00000165118	2.116674e+02	0.032079090	7.414679e−01	0.259108461	7.816859e−03	0.245674480	1.172995e−02	0.303038102	1.967188e−03	C9orf64
ENSG00000165124	1.533135e+00	0.006901221	9.177372e−01	0.113307036	9.079663e−02	0.140459480	3.595635e−02	0.152646311	2.271729e−02	SVEP1
ENSG00000165168	1.260571e+04	0.066876860	4.852723e−01	0.179742201	6.202561e−02	0.159410282	9.792454e−02	0.257290745	7.944617e−03	CYBB
ENSG00000165171	1.716692e+01	0.008735561	9.264359e−01	−0.149657803	1.124484e−01	−0.192378249	4.120180e−02	−0.188190704	4.515043e−02	METTL27
ENSG00000165219	1.738296e+03	0.130195021	1.151618e−02	0.011800504	8.210088e−01	0.047220908	3.653008e−01	0.030555275	5.629547e−01	GAPVD1
ENSG00000165238	6.593297e−01	0.025453183	6.323563e−01	0.043444715	4.145165e−01	0.049322397	3.533825e−01	0.121137653	2.323159e−02	WNK2
ENSG00000165240	7.437749e+02	0.154206337	9.058685e−02	0.112633886	2.192000e−01	0.185054782	4.348914e−02	0.031990895	7.291117e−01	ATP7A
ENSG00000165304	1.518246e+01	0.228216257	3.374748e−02	0.119481594	2.644525e−01	0.206915022	5.339096e−02	0.081361025	4.451754e−01	MELK
ENSG00000165312	8.109605e+03	−0.107316079	3.672119e−01	−0.132329496	2.665550e−01	−0.284686192	1.684120e−02	−0.294745525	1.342679e−02	OTUD1
ENSG00000165322	3.317843e+02	0.208698725	1.347348e−02	0.189048964	2.624005e−02	0.371476226	1.207762e−05	0.122487439	1.537420e−01	ARHGAP12
ENSG00000165359	1.352806e+03	0.117533801	6.755695e−02	0.122129717	5.991737e−02	0.192214974	3.058754e−03	0.109031610	9.679863e−02	INTS6L
ENSG00000165392	4.074228e+02	0.139675299	7.236784e−02	0.155716321	4.673793e−02	0.207025149	8.183532e−03	0.063717971	4.211253e−01	WRN
ENSG00000165417	9.432571e+02	0.042829119	4.756874e−01	0.096302039	1.119613e−01	0.126813566	3.637016e−02	0.172592852	4.857689e−03	GTF2A1
ENSG00000165424	5.628955e+02	−0.173486823	4.319609e−02	−0.175475580	4.221861e−02	−0.148025040	8.663864e−02	−0.061873713	4.769823e−01	ZCCHC24
ENSG00000165475	1.155430e+03	−0.171945198	7.929182e−03	−0.133804417	4.061057e−02	−0.117483396	7.228017e−02	−0.227584122	5.820791e−04	CRYL1
ENSG00000165501	2.912008e+02	0.048802769	5.342438e−01	0.056145726	4.778831e−01	0.046180449	5.597898e−01	−0.224633023	5.175346e−03	LRR1
ENSG00000165502	4.834950e+03	−0.167354822	4.009287e−03	0.024558352	6.757793e−01	−0.135584169	2.101694e−02	−0.133477802	2.482438e−02	RPL36AL
ENSG00000165507	1.937410e+02	−0.154728198	2.390815e−01	−0.137318215	2.944322e−01	−0.048291586	7.123444e−01	−0.376689636	3.864637e−03	C10orf10
ENSG00000165512	4.554848e+02	−0.027601191	6.590365e−01	0.002356685	9.702145e−01	0.144269618	2.192393e−02	−0.010726881	8.666108e−01	ZNF22
ENSG00000165527	2.032288e+04	−0.003128824	9.691044e−01	−0.094386240	2.461372e−01	−0.205057964	1.174995e−02	−0.205913245	1.216910e−02	ARF6
ENSG00000165533	2.817766e+02	−0.077649703	4.342912e−01	−0.054362743	5.857851e−01	−0.071560616	4.733939e−01	−0.278548570	5.569377e−03	TTC8
ENSG00000165555	8.265042e+00	0.279410704	1.989063e−02	0.078083914	5.125193e−01	0.274755736	2.155557e−02	0.214806039	7.053169e−02	NOXRED1
ENSG00000165568	5.143076e+01	0.026823554	8.387521e−01	−0.190537464	1.471415e−01	0.011553071	9.299504e−01	−0.309673649	1.802330e−02	AKR1E2
ENSG00000165606	1.644591e+01	0.187745775	8.637760e−02	0.125702315	2.491670e−01	0.238606819	2.880505e−02	0.071424270	5.105752e−01	DRGX
ENSG00000165617	3.807998e+01	0.313514636	1.741938e−02	0.131028452	3.188955e−01	−0.092477255	4.817724e−01	0.121046367	3.552475e−01	DACT1
ENSG00000165629	5.449521e+03	−0.113860047	1.983205e−03	0.010010713	7.879764e−01	−0.084731658	2.296145e−02	−0.040841061	2.796914e−01	ATP5C1
ENSG00000165630	4.863984e+02	−0.099214537	1.020621e−01	−0.041355147	4.988563e−01	−0.136926598	2.565668e−02	−0.127603461	3.991462e−02	PRPF18
ENSG00000165650	2.743655e+03	−0.022121393	7.934570e−01	−0.253482857	2.898770e−03	−0.134143980	1.149434e−01	−0.090132974	2.934731e−01	PDZD8
ENSG00000165672	3.817401e+03	−0.109880735	5.562080e−02	0.116722301	4.399701e−02	0.059236618	3.068780e−01	0.092146616	1.162936e−01	PRDX3
ENSG00000165682	1.584376e+02	0.329879553	1.206624e−02	0.211867013	1.060086e−01	0.113320625	3.873179e−01	0.398637618	2.273988e−03	CLEC1B
ENSG00000165684	1.230314e+03	0.026707703	7.029852e−01	−0.144673049	4.085698e−02	−0.081436825	2.495994e−01	−0.049235309	4.908525e−01	SNAPC4
ENSG00000165685	4.409340e+01	0.308305571	1.936222e−02	0.297303730	2.370946e−02	−0.052180751	6.914217e−01	0.107053611	4.136042e−01	TMEM52B
ENSG00000165688	1.575853e+03	0.131045465	2.043557e−02	−0.018072308	7.520138e−01	−0.050596122	3.766903e−01	0.042829740	4.592765e−01	PMPCA
ENSG00000165699	1.553395e+03	0.083476956	1.672789e−01	0.021274103	7.276454e−01	0.149000216	1.465124e−02	−0.038619577	5.322948e−01	TSC1
ENSG00000165702	1.082754e+01	−0.412715105	6.032018e−07	−0.444792093	7.061970e−08	−0.353881505	1.818808e−05	−0.396078037	1.507328e−06	GFI1B
ENSG00000165704	1.229354e+03	−0.103589121	4.108261e−02	0.054576711	2.855794e−01	0.075905767	1.376011e−01	0.072240826	1.632491e−01	HPRT1
ENSG00000165724	3.873127e+02	−0.147596207	3.126508e−02	−0.172552551	1.263677e−02	0.002929029	9.661248e−01	−0.164403839	1.872001e−02	ZMYND19
ENSG00000165732	1.068225e+04	0.160699023	2.393750e−02	0.147226093	4.026776e−02	−0.014872453	8.358895e−01	0.051299674	4.795403e−01	DDX21
ENSG00000165752	7.346459e+02	−0.182574975	4.307473e−02	−0.096867971	2.857776e−01	−0.193726444	3.291134e−02	−0.122320368	1.809479e−01	STK32C
ENSG00000165775	1.485525e+03	−0.084544043	8.680559e−02	−0.003257712	9.478975e−01	−0.120717727	1.568614e−02	−0.052380895	3.002152e−01	FUNDC2
ENSG00000165782	2.834073e+03	0.054702153	4.151723e−01	0.007430186	9.126817e−01	−0.029924366	6.588393e−01	−0.191551527	5.214913e−03	TMEM55B
ENSG00000165801	3.795551e+03	0.032095113	6.937115e−01	−0.100132451	2.226621e−01	0.012294530	8.809635e−01	0.163855411	4.785960e−02	ARHGEF40
ENSG00000165804	1.407764e+02	−0.050833249	6.530674e−01	−0.273738460	1.593789e−02	0.019666932	8.621749e−01	−0.125991141	2.675810e−01	ZNF219
ENSG00000165806	7.189747e+02	0.126976032	2.146172e−01	0.128936723	2.093737e−01	0.259154796	1.161081e−02	0.112685185	2.751380e−01	CASP7
ENSG00000165813	1.015785e+03	0.090480047	1.506096e−01	0.037050234	5.600239e−01	0.136569343	3.157958e−02	0.107060942	9.596095e−02	CCDC186
ENSG00000165819	1.062840e+03	0.071562843	2.768127e−01	0.121371108	6.751725e−02	0.122365925	6.539981e−02	0.206363954	2.097569e−03	METTL3
ENSG00000165879	9.617739e+02	0.271066509	8.046883e−03	0.189372887	6.523555e−02	0.161117787	1.168111e−01	0.251671684	1.475073e−02	FRAT1
ENSG00000165886	2.277987e+02	−0.112953232	2.464114e−01	−0.128972174	1.879894e−01	−0.226554448	2.097842e−02	−0.044813496	6.487583e−01	UBTD1
ENSG00000165891	2.651185e+01	0.216860130	9.868308e−02	0.188210921	1.504617e−01	0.289298404	2.711143e−02	0.066501745	6.095863e−01	E2F7
ENSG00000165914	1.527698e+02	−0.183279831	1.428775e−01	−0.115386361	3.558401e−01	−0.125224507	3.164006e−01	−0.249836783	4.553694e−02	TTC7B
ENSG00000165923	7.673610e+00	0.216053476	5.551830e−02	0.186090679	9.765654e−02	0.121598844	2.781700e−01	0.310406381	5.650893e−03	AGBL2
ENSG00000165934	1.491566e+03	0.153647072	7.404143e−03	0.196875195	6.782762e−04	0.263328642	5.456799e−06	0.313920191	8.432418e−08	CPSF2
ENSG00000165935	9.098929e−01	0.091177935	1.274620e−01	0.140383030	1.918286e−02	0.134474200	2.455804e−02	0.047680101	4.231878e−01	SMCO2
ENSG00000165949	3.690946e+01	0.106458281	2.641747e−01	0.067955443	4.748436e−01	−0.009826560	9.176635e−01	0.450003594	2.097164e−06	IFI27
ENSG00000165972	5.565200e+00	−0.107652831	3.187356e−01	−0.122632446	2.543266e−01	−0.215780743	4.418742e−02	−0.119451589	2.651781e−01	CCDC38
ENSG00000165983	4.005556e+02	0.087713231	3.324759e−01	0.200656972	2.735403e−02	0.078104406	3.911398e−01	−0.041180109	6.538511e−01	PTER
ENSG00000165995	2.360253e+01	0.196819726	1.355345e−01	0.060658078	6.444879e−01	0.287073086	2.897181e−02	0.086742050	5.076250e−01	CACNB2
ENSG00000165996	9.545968e+01	0.049750841	7.013048e−01	0.439893526	6.717997e−04	0.092181663	4.764307e−01	−0.017378889	8.929453e−01	HACD1
ENSG00000166016	8.627743e+01	0.385401407	3.135782e−03	0.142325386	2.744505e−01	0.201832794	1.211729e−01	0.378045796	3.589208e−03	ABTB2
ENSG00000166024	8.529721e+02	0.055871539	4.007391e−01	−0.079814407	2.348621e−01	−0.034463773	6.079654e−01	−0.156697138	2.129380e−02	R3HCC1L
ENSG00000166025	1.655517e+02	0.030001582	7.794491e−01	−0.011479147	9.149642e−01	0.191037616	7.502648e−02	0.220104333	4.094161e−02	AMOTL1
ENSG00000166033	2.652262e+00	−0.003639654	9.610432e−01	0.186820456	1.247312e−02	0.037072655	6.183526e−01	0.010404673	8.885849e−01	HTRA1
ENSG00000166123	2.505044e+02	0.008101780	9.375278e−01	−0.005969019	9.541105e−01	−0.121740362	2.412102e−01	0.249980135	1.632151e−02	GPT2
ENSG00000166126	1.175785e+01	0.082461793	4.811490e−01	0.178919419	1.254006e−01	0.113844184	3.288745e−01	0.275065278	1.811405e−02	AMN
ENSG00000166128	3.519586e+03	0.207702766	4.713179e−02	0.138308777	1.878042e−01	0.063498570	5.454117e−01	0.133370977	2.060779e−01	RAB8B
ENSG00000166133	1.923603e+02	−0.072137246	4.806631e−01	−0.210678641	4.057223e−02	−0.040535089	6.930854e−01	0.002550054	9.802679e−01	RPUSD2
ENSG00000166135	1.334690e+03	0.012071412	8.567148e−01	0.030333191	6.530157e−01	0.171066234	1.117206e−02	0.036988259	5.876336e−01	HIF1AN
ENSG00000166147	2.529193e+01	0.061854202	6.321047e−01	0.309623983	1.625267e−02	0.005647617	9.649852e−01	−0.002486337	9.845095e−01	FBN1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000166166	5.740136e+02	−0.1048262874	1.887750e−01	−0.057850545	0.4712459994	−0.2431498783	0.0025195489	−0.150344871	6.399736e−02	TRMT61A
ENSG00000166171	1.632721e+02	−0.1037557838	2.214262e−01	−0.259486856	0.0024856101	−0.2489565826	0.0037347654	−0.205434673	1.744154e−02	DPCD
ENSG00000166181	3.346242e+03	0.0032873467	9.325648e−01	0.048486619	0.2171419420	0.1262843029	0.0013013154	0.112461891	4.751087e−03	API5
ENSG00000166224	2.027130e+03	0.0159729351	7.835014e−01	0.052998997	0.3667542400	0.0831210043	0.1569363123	0.125138155	3.514690e−02	SGPL1
ENSG00000166226	3.309637e+03	0.1185479736	2.503659e−02	0.093095092	0.0816916794	0.1156768301	0.0305369680	0.112505553	3.781346e−02	CCT2
ENSG00000166233	2.465910e+03	0.1791200122	3.235638e−03	0.120320035	0.0502454826	0.0948985776	0.1226617878	0.051301120	4.096160e−01	ARIH1
ENSG00000166260	8.535961e+02	−0.0557513118	3.241308e−01	−0.097509728	0.0880783504	−0.0602808206	0.2917103072	−0.132701139	2.196276e−02	COX11
ENSG00000166263	6.256350e+01	0.1267135439	3.132634e−01	−0.048243923	0.7011702906	0.3281179318	0.0088854029	−0.020775787	8.685809e−01	STXBP4
ENSG00000166340	2.407456e+04	−0.0982322094	2.637022e−02	−0.010666123	0.8115578345	−0.0394989482	0.3773217568	−0.076308748	9.255107e−02	TPP1
ENSG00000166342	1.342088e+00	0.0311642630	5.074010e−01	0.026671226	0.5701144888	0.0171248931	0.7151039835	0.112500934	1.679431e−02	NETO1
ENSG00000166343	1.215540e+02	0.0521644579	6.531379e−01	0.078923766	0.4971153568	0.2516095157	0.0302044435	0.168423488	1.474991e−01	MSS51
ENSG00000166401	2.438641e+03	0.1045170797	1.237966e−01	0.022528397	0.7424097935	0.0684069865	0.3182770959	0.141825663	4.065638e−02	SERPINB8
ENSG00000166428	9.070440e+03	−0.1566709878	9.747623e−02	−0.259145548	0.0064003897	−0.2849373029	0.0027192260	−0.130108438	1.738259e−01	PLD4
ENSG00000166432	7.156010e+02	0.0553828590	5.093375e−01	0.155792296	0.0650592901	0.2253794941	0.0075984952	−0.004739036	9.556832e−01	ZMAT1
ENSG00000166439	1.700007e+03	−0.0582474562	3.441422e−01	−0.136681682	0.0280077432	−0.0790116714	0.2039807864	−0.104031046	9.837633e−02	RNF169
ENSG00000166441	1.950133e+04	−0.1653382331	2.388579e−02	−0.045999860	0.5331157472	−0.1023365116	0.1655892072	−0.190122790	1.079017e−02	RPL27A
ENSG00000166451	2.243075e+02	0.2433851813	1.644461e−02	0.074905396	0.4627922091	−0.0005885258	0.9954027366	−0.079271833	4.405102e−01	CENPN
ENSG00000166471	3.923907e+02	0.1265670487	1.131166e−01	0.096079129	0.2329236684	0.2178685924	0.0067647474	0.099168213	2.221906e−01	TMEM41B
ENSG00000166477	3.123278e+02	0.1066245776	2.382690e−01	0.134262337	0.1395984503	0.1046076474	0.2501427834	0.292336603	1.390296e−03	LEO1
ENSG00000166479	2.495818e+03	−0.0308055953	5.900074e−01	0.008203917	0.8870367465	0.1222359453	0.0342184586	0.027902593	6.331369e−01	TMX3
ENSG00000166483	1.917287e+02	0.1950670008	1.381902e−01	0.081371776	0.5348694924	0.1768944352	0.1773102400	0.321957919	1.366612e−02	WEE1
ENSG00000166503	6.588936e+02	0.0335477464	7.301563e−01	−0.061669095	0.5282441987	0.0922668747	0.3451295184	−0.267295433	6.628000e−03	HDGFL3
ENSG00000166507	2.497743e+02	−0.0444604914	5.157676e−01	−0.045252968	0.5120841417	−0.0313384016	0.6501255592	−0.143432096	4.056250e−02	NDST2
ENSG00000166508	1.601915e+03	0.2000402688	9.491981e−03	0.056770313	0.4653931530	0.1217466345	0.1174259061	0.054746458	4.857706e−01	MCM7
ENSG00000166523	2.024051e+02	−0.0606376558	6.353464e−01	0.205978073	0.1059345009	0.1687923529	0.1851954477	0.273399496	3.106312e−02	CLEC4E
ENSG00000166527	6.342355e+01	0.1206758639	3.299682e−01	0.256741605	0.0375345913	0.1624185365	0.1881202077	0.225733839	6.610232e−02	CLEC4D
ENSG00000166529	1.110128e+02	−0.0768641009	5.020280e−01	−0.056656172	0.6211611150	−0.1682974636	0.1427591609	−0.254655186	2.701847e−02	ZSCAN21
ENSG00000166548	1.421053e+03	−0.1809446503	1.858470e−02	−0.083305322	0.2820668918	−0.1254558070	0.1053776826	0.055819902	4.751113e−01	TK2
ENSG00000166557	1.512056e+03	−0.1502137576	1.359341e−02	−0.085722704	0.1629620245	−0.1005688304	0.1018260537	−0.185932222	2.808256e−03	TMED3
ENSG00000166578	4.584047e+01	0.0771623150	5.510590e−01	0.275602808	0.0327226377	−0.1105353740	0.3927715293	0.026805342	8.352718e−01	IQCD
ENSG00000166669	4.711951e+02	0.1465237578	4.925610e−02	0.034636305	0.6452923398	−0.0088972157	0.9059963939	−0.002486938	9.739157e−01	ATF7IP2
ENSG00000166716	4.923849e+03	−0.0340115212	4.271824e−01	−0.105464513	0.0149734919	−0.0804345319	0.0635353454	−0.100570047	2.214565e−02	ZNF592
ENSG00000166747	2.935414e+03	0.1760626991	3.162524e−04	0.107982548	0.0289860513	0.1238421653	0.0122808753	0.051797543	3.015175e−01	AP1G1
ENSG00000166750	7.570620e+02	0.1685957950	2.004210e−01	0.108776813	0.4071810688	0.1987350362	0.1299421732	0.393720780	2.587967e−03	SLFN5
ENSG00000166762	1.444172e+02	0.0081352967	9.432338e−01	−0.234270850	0.0410419537	0.1105051626	0.3338973902	−0.110207231	3.371994e−01	CATSPER2
ENSG00000166783	3.333187e+03	0.0716428380	1.295059e−01	−0.037952597	0.4273734106	0.1009389377	0.0346564484	−0.022796681	6.381416e−01	MARF1
ENSG00000166797	1.898059e+03	−0.1537433351	5.321969e−03	−0.039783059	0.4750025543	−0.0292055429	0.6000691250	−0.073932927	1.900391e−01	FAM96A
ENSG00000166813	6.483081e+00	0.1200747434	2.628000e−01	0.158861848	0.1379127160	0.3847872866	0.0003429350	0.110339925	2.994762e−01	KIF7
ENSG00000166819	2.011337e+00	−0.0585110748	4.444385e−01	−0.149631743	0.0493940081	−0.0660388744	0.3865313292	−0.214032357	4.760407e−03	PLIN1
ENSG00000166823	1.512009e+01	−0.1219434820	3.358221e−01	−0.123497958	0.3279913481	−0.2708373044	0.0316447761	−0.132671164	2.907479e−01	MESP1
ENSG00000166851	4.671844e+01	0.4109024854	1.410137e−03	−0.031819057	0.8048973474	0.1971218026	0.1255136275	0.164318785	2.007013e−01	PLK1
ENSG00000166860	7.954316e+02	−0.2364117653	3.688498e−02	−0.150048575	0.1861026545	−0.0348699884	0.7586102766	−0.143271579	2.078291e−01	ZBTB39
ENSG00000166881	4.217976e+02	0.2057710673	4.515068e−02	0.262792267	0.0107870227	0.3199507949	0.0019071209	0.020187542	8.457182e−01	NEMP1
ENSG00000166887	3.204085e+03	0.0384714305	2.609029e−01	0.006132417	0.8595181476	0.0527529890	0.1278436839	0.087861383	1.236554e−02	VPS39
ENSG00000166902	1.068967e+03	−0.1428522681	2.481961e−03	−0.020883268	0.6609218227	−0.0937968977	0.0493743264	−0.022782057	6.369583e−01	MRPL16
ENSG00000166912	2.702022e+03	0.1048141567	1.607452e−01	0.082443504	0.2739090915	−0.0641897228	0.3945269696	−0.181890513	1.693048e−02	MTMR10
ENSG00000166927	2.303228e+03	0.1253615405	2.849734e−01	0.236011248	0.0443534287	0.1344058909	0.2521994441	−0.075056348	5.231696e−01	MS4A7
ENSG00000166949	2.947426e+03	−0.1653205805	2.152603e−02	−0.167348049	0.0210474888	−0.0734400303	0.3112380774	−0.057323488	4.341017e−01	SMAD3
ENSG00000166971	1.020780e+02	0.0442346445	6.846251e−01	0.008874686	0.9352683292	0.3041195252	0.0051888232	0.268228774	1.403857e−02	AKTIP
ENSG00000167077	1.465750e+02	0.1011744462	4.268590e−01	0.222621291	0.0799291231	0.2683710414	0.0347733498	0.250713143	4.824936e−02	MEI1
ENSG00000167088	1.272815e+03	−0.1111270613	2.113281e−02	0.027366399	0.5733533204	−0.0484963825	0.3192784909	0.015178453	7.581703e−01	SNRPD1
ENSG00000167094	6.037883e+00	0.0810600963	3.915239e−01	0.156226238	0.0983176116	0.1886194552	0.0459263175	0.068424321	4.667592e−01	TTC16
ENSG00000167100	1.727880e+01	0.2821948244	3.053299e−02	−0.080025557	0.5373391321	0.2449705499	0.0593994715	0.056389884	6.625460e−01	SAMD14
ENSG00000167105	1.198758e+00	0.0588522268	3.458424e−01	0.028308627	0.6494864963	0.1319214315	0.0346516963	0.006434437	9.175550e−01	TMEM92
ENSG00000167112	6.137522e+02	−0.0836783877	1.032760e−01	−0.082166580	0.1132833604	−0.0435655191	0.4011213467	0.120224438	2.150665e−02	TRUB2
ENSG00000167118	2.276254e+03	−0.1023455472	9.106785e−03	−0.030282119	0.4450512009	−0.1078884038	0.0066089817	−0.027263056	4.980753e−01	URM1
ENSG00000167130	3.687174e+02	−0.1663456133	3.594748e−02	−0.172916724	0.0304848480	−0.0859185090	0.2819444705	−0.120117102	1.360692e−01	DOLPP1
ENSG00000167186	3.027163e+02	0.1427585756	4.423389e−02	0.104813622	0.1434286476	0.1101089915	0.1246257164	0.036577042	6.141167e−01	COQ7
ENSG00000167191	2.536623e+00	0.3433051948	4.817409e−05	0.171381196	0.0408974159	0.0578277887	0.4878785501	0.117860020	1.578651e−01	GPRC5B
ENSG00000167196	3.560305e+02	0.0103926998	8.913533e−01	−0.018120153	0.8133310293	0.1253519595	0.1016607313	0.257605136	8.336919e−04	FBXO22
ENSG00000167202	2.107990e+03	0.0040306244	9.545123e−01	−0.062955744	0.3772433891	0.1578407327	0.0267351073	−0.097755952	1.749951e−01	TBC1D2B
ENSG00000167220	7.689254e+02	−0.1289253665	3.312667e−02	0.003692848	0.9517122887	0.0377340247	0.5361008692	0.013654372	8.248348e−01	HDHD2
ENSG00000167264	4.814817e+02	0.0636391920	4.235667e−01	0.148244756	0.0640342130	0.0919605879	0.2511925523	0.158530247	4.967566e−02	DUS2
ENSG00000167283	6.084178e+03	−0.1098922740	8.547797e−03	−0.018378917	0.6636188981	−0.0173990710	0.6805917261	−0.045565954	2.877385e−01	ATP5L
ENSG00000167302	1.580729e+03	0.0251501720	7.234491e−01	−0.022966434	0.7487731190	−0.0504037657	0.4822983756	−0.142887272	4.879949e−02	TEPSIN
ENSG00000167323	2.680459e+03	0.0004912409	9.920283e−01	−0.018722973	0.7064645320	−0.0270984874	0.5858438537	0.129732740	9.948374e−03	STIM1
ENSG00000167325	5.362705e+02	0.1912287626	1.758064e−02	0.092890517	0.2525706965	0.1209069584	0.1364820175	0.177135081	3.059505e−02	RRM1
ENSG00000167371	9.904533e+00	0.0724311435	5.403273e−01	0.121672292	0.3023699005	0.3281121517	0.0055236848	0.122564255	2.964393e−01	PRRT2
ENSG00000167378	1.164596e+03	0.1850799117	2.050738e−02	0.116498878	0.1479240396	0.0823263623	0.3067297570	−0.097833697	2.290400e−01	IRGQ
ENSG00000167393	2.962776e+02	0.0053012659	9.518594e−01	−0.084773495	0.3381326355	−0.0161576748	0.8550772048	−0.189940933	3.338930e−02	PPP2R3B
ENSG00000167397	3.973008e+02	−0.1572424933	5.098757e−03	−0.117152738	0.0386848532	−0.0758917029	0.1804266283	−0.078380483	1.708028e−01	VKORC1
ENSG00000167419	1.142503e+01	0.0918182571	4.581848e−01	0.086940306	0.4809306012	0.2671778026	0.0305926862	0.138106434	2.604801e−01	LPO
ENSG00000167461	2.355066e+03	−0.0398568270	4.390952e−01	−0.103514347	0.0469138135	−0.0184440533	0.7231994481	−0.001913265	9.710639e−01	RAB8A
ENSG00000167468	5.166653e+03	−0.1095472361	6.320139e−02	−0.118529305	0.0466041693	−0.1795100703	0.0025884236	−0.219123701	2.800088e−04	GPX4
ENSG00000167470	1.010731e+04	0.2658531482	8.823911e−03	−0.074420869	0.4653837604	−0.1794290817	0.0784090503	−0.005077623	9.604790e−01	MIDN
ENSG00000167483	2.896725e+02	0.2490255844	3.781780e−02	0.319378833	0.0075073889	0.1670645047	0.1619328004	0.321805703	6.800661e−03	FAM129C
ENSG00000167487	4.295877e+02	−0.0936048689	2.422623e−01	−0.168748312	0.0366267477	−0.2035499535	0.0117938704	−0.226640733	5.431354e−03	KLHL26
ENSG00000167491	2.459883e+03	0.0169361187	7.914372e−01	−0.176600026	0.0063458181	−0.1031476904	0.1108458543	−0.002509858	9.693966e−01	GATAD2A
ENSG00000167513	8.097736e+01	0.3572136823	6.484424e−03	0.106101354	0.4177102961	0.3111536237	0.0174506053	0.244683211	6.077887e−02	CDT1
ENSG00000167526	4.623783e+04	−0.1760222161	1.644440e−02	−0.137963894	0.0622435597	−0.1823975607	0.0136999975	−0.172517862	2.101596e−02	RPL13
ENSG00000167535	7.795345e+01	0.0584516634	6.389388e−01	−0.018286677	0.8833086757	0.1564709532	0.2087109086	0.282393352	2.304175e−02	CACNB3
ENSG00000167550	3.307908e+01	0.1091731647	4.065953e−01	0.345572037	0.0083998092	0.4979555176	0.0001454354	0.185036803	1.569644e−01	RHEBL1
ENSG00000167552	1.743477e+04	−0.0540717529	5.945982e−01	−0.009529093	0.9255842175	−0.0442434908	0.6645352009	−0.248249601	1.548714e−02	TUBA1A
ENSG00000167554	4.749853e+00	−0.0152084577	8.770079e−01	0.135902233	0.1673122740	0.0843703098	0.3902507518	0.215113682	2.843770e−02	ZNF610
ENSG00000167595	3.919781e+02	0.1227800475	9.148244e−02	0.064848710	0.3772428143	0.1757302720	0.0165715665	0.060759911	4.130014e−01	PROSER3
ENSG00000167604	2.204936e+03	0.0153341950	8.929138e−01	−0.071979985	0.5282143952	−0.2938690756	0.0100336950	−0.455099002	6.955405e−05	NFKBID
ENSG00000167614	2.911498e+01	0.1680823066	2.019561e−01	0.168887699	0.1983023157	0.2896755935	0.0273676900	0.470436680	3.215318e−04	TTYH1
ENSG00000167632	1.695206e+03	−0.0247470397	6.385016e−01	−0.032871925	0.5368760626	−0.1832660138	0.0005908246	−0.010807317	8.412029e−01	TRAPPC9
ENSG00000167642	6.187360e+03	−0.1330465634	2.307191e−02	−0.132353407	0.0252402677	−0.0516354014	0.3826174340	−0.061716882	3.026077e−01	SPINT2
ENSG00000167658	1.034995e+05	−0.1445602271	1.566293e−02	−0.145538357	0.0159994749	−0.1977535324	0.0010635778	−0.143727626	1.876479e−02	EEF2
ENSG00000167670	8.703153e+02	0.0086506705	9.158832e−01	−0.005531013	0.9465482631	−0.0260519059	0.7522597618	−0.204156930	1.430344e−02	CHAF1A
ENSG00000167700	4.827669e+02	−0.0564066332	5.164037e−01	−0.039696961	0.6500175564	−0.0884975372	0.3121602739	−0.191448144	3.012487e−02	MFSD3
ENSG00000167701	1.376082e+02	0.3026896339	8.630486e−03	0.398100522	0.0005561589	0.1807606628	0.1177668691	0.106098539	3.598337e−01	GPT
ENSG00000167703	6.304668e+03	−0.0369982903	6.060502e−01	−0.076030863	0.2934033265	−0.2063308767	0.0043627079	−0.085232203	2.438109e−01	SLC43A2
ENSG00000167720	1.870693e+02	0.1483952415	1.321949e−01	0.122262421	0.2171823805	0.2241469650	0.0235442614	0.179466216	7.138251e−02	SRR
ENSG00000167740	2.772527e+02	−0.1913448015	1.961196e−02	−0.042547967	0.6055238288	−0.0207058293	0.8016184605	−0.114804358	1.672663e−01	CYB5D2
ENSG00000167747	6.082018e+02	−0.0312889644	6.734495e−01	−0.038305397	0.6087720117	−0.1894350967	0.0115569534	−0.270577097	3.619191e−04	C19orf48
ENSG00000167748	1.230522e+01	0.1445483096	1.945273e−01	0.220630028	0.0471600131	0.2106352093	0.0579645718	0.174342228	1.149336e−01	KLK1
ENSG00000167772	3.073469e+00	0.1321683084	1.385416e−01	0.209457112	0.0190189484	0.0195047168	0.8259084141	0.125565313	1.567417e−01	ANGPTL4
ENSG00000167780	1.007420e+00	−0.0317771120	5.827717e−01	0.014215567	0.8061659873	0.1153323247	0.0470696674	0.026508615	6.468112e−01	SOAT2
ENSG00000167785	4.769211e+02	0.0832501331	2.869614e−01	0.160377950	0.0416250027	0.0735682105	0.3508240489	0.052952727	5.056632e−01	ZNF558
ENSG00000167792	4.510087e+03	−0.0993130194	2.882383e−02	−0.054056370	0.2393248464	−0.0653046251	0.1552825496	−0.117639384	1.156876e−02	NDUFV1
ENSG00000167799	8.488087e+01	−0.3099693405	5.602862e−03	−0.285551974	0.0108260453	−0.2068943940	0.0646658408	−0.366725694	1.119574e−03	NUDT8
ENSG00000167815	1.353903e+03	−0.1660707573	1.090994e−01	−0.075769949	0.4663492141	−0.2445727557	0.0187503209	−0.254507062	1.491458e−02	PRDX2
ENSG00000167840	8.474321e+01	0.1029341681	4.183271e−01	−0.024670764	0.8460997396	0.3076735908	0.0153606661	0.090697486	4.745932e−01	ZNF232

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000167851	4.195419e+03	0.0229105376	0.7747490305	0.1709177606	0.0340473403	−0.0397845166	0.6218787992	0.1039022959	2.018091e−01	CD300A
ENSG00000167863	2.237614e+03	−0.0967867744	0.0289006539	0.0479514234	0.2836834892	−0.0157889341	0.7244059640	−0.0299868366	5.088749e−01	ATP5H
ENSG00000167874	1.592702e+02	0.2846848410	0.0212220312	0.2315150283	0.0609206599	−0.0759475367	0.5392370492	0.0062049984	9.599682e−01	TMEM88
ENSG00000167900	2.178278e+02	0.3412113886	0.0034599347	0.1423310627	0.2235246486	0.1902430192	0.1037337429	0.2486124319	3.378210e−02	TK1
ENSG00000167925	1.331980e+03	−0.0148165883	0.8093569436	−0.0370669145	0.5501488901	−0.1278255620	0.0395833961	−0.0687571415	2.734959e−01	GHDC
ENSG00000167964	1.186307e+00	0.0276713172	0.6904927189	0.1491538342	0.0327625512	0.1315512285	0.0589778780	0.1120596417	1.072221e−01	RAB26
ENSG00000167965	1.066059e+03	−0.0576348198	0.2864321673	−0.0083818189	0.8779598556	−0.1276043840	0.0197059267	−0.1347962463	1.501088e−02	MLST8
ENSG00000167977	1.794290e+03	−0.0094677033	0.9105555342	−0.1211309655	0.1535719274	−0.2154944106	0.0111577084	−0.1267757910	1.386525e−01	KCTD5
ENSG00000167986	6.423233e+03	−0.0441710387	0.2940783054	0.0123526179	0.7717261457	0.0613550779	0.1495652588	0.1146610052	7.889243e−03	DDB1
ENSG00000167992	6.331098e+00	0.0635630828	0.5530084173	−0.0937917064	0.3780145814	−0.0173014303	0.8709265838	0.2287665348	3.214109e−02	VWCE
ENSG00000167994	1.014283e+01	0.2740812547	0.0249446748	0.0638777188	0.5987676301	0.1325144324	0.2752376479	0.0912112982	4.506134e−01	RAB3IL1
ENSG00000167996	3.943787e+04	0.0168347262	0.8108504434	−0.0854700104	0.2284123355	−0.1821035155	0.0102832451	−0.1613669500	2.446830e−02	FTH1
ENSG00000168002	1.957512e+03	−0.0719439435	0.0361928139	−0.0055532052	0.8728763764	−0.0652526992	0.0606958607	−0.0643013930	6.827348e−02	POLR2G
ENSG00000168003	3.889108e+03	0.0662196119	0.3704549896	−0.0172295362	0.8172577788	−0.1702986616	0.0224253503	−0.1067289972	1.566005e−01	SLC3A2
ENSG00000168014	7.422540e+02	0.1732323754	0.0055702288	0.0258495638	0.6826120368	0.0423079472	0.5034948411	0.0900440367	1.590742e−01	C2CD3
ENSG00000168016	1.245576e+03	0.1743850892	0.0830981933	0.0226189086	0.8229249200	0.1031316450	0.3075204678	0.2818332104	5.534858e−03	TRANK1
ENSG00000168036	8.321812e+03	0.1890075057	0.0239058951	0.1511956394	0.0727821107	−0.0226102590	0.7884884819	0.0495180797	5.601904e−01	CTNNB1
ENSG00000168040	1.011667e+02	0.2903750637	0.0091766203	0.1996657087	0.0742190082	0.1544853952	0.1677196772	0.3181342946	4.505961e−03	FADD
ENSG00000168061	2.026033e+02	−0.0433614476	0.6850452338	−0.0579818909	0.5887318250	0.2274121874	0.0335534233	0.1809188896	9.227967e−02	SAC3D1
ENSG00000168062	2.923370e+01	0.0922957261	0.4301948643	0.0838861331	0.4718434631	0.2376291188	0.0416559081	0.4112693248	4.011753e−04	BATF2
ENSG00000168066	1.395723e+04	0.0832452615	0.0456075561	0.0056610952	0.8931213670	−0.0112056070	0.7903076994	−0.0408442045	3.392484e−01	SF1
ENSG00000168070	8.409242e−01	0.0140703058	0.7467789181	0.0099432063	0.8194127809	0.0175243113	0.6871404682	0.1045075115	1.662925e−02	MAJIN
ENSG00000168081	1.632688e+01	0.1016501267	0.3738383481	0.2887450034	0.0113733900	0.1139486426	0.3169747477	0.2965083543	9.045388e−03	PNOC
ENSG00000168096	3.150337e+02	−0.0038906118	0.9535495034	−0.1438910844	0.0335514162	−0.0643070338	0.3415588178	−0.1596228739	1.975384e−02	ANKS3
ENSG00000168118	1.271688e+03	−0.1354686729	0.0173906109	−0.0685205684	0.2333886412	−0.0409330311	0.4765969256	−0.0645321541	2.676619e−01	RAB4A
ENSG00000168140	2.447993e+01	0.2717108532	0.0386885271	0.2347285341	0.0733535031	0.0570739925	0.6635002222	0.1891411944	1.477580e−01	VASN
ENSG00000168172	4.156685e+03	0.0419465704	0.4446792679	−0.0764440327	0.1682694414	−0.0441235507	0.4264769249	0.1152182873	4.018689e−02	HOOK3
ENSG00000168214	7.746942e+03	0.0963865552	0.1109608886	0.1398630424	0.0220106663	0.1087788542	0.0749133961	−0.0054583562	9.296477e−01	RBPJ
ENSG00000168228	2.251293e+02	0.2895550604	0.0010360361	0.0252572425	0.7769736943	0.1567137365	0.0783061630	0.0996712609	2.674529e−01	ZCCHC4
ENSG00000168243	1.132777e+00	0.1288828068	0.0360563705	0.0224078894	0.7140784834	0.1283300107	0.0364013356	0.0921066520	1.325792e−01	GNG4
ENSG00000168255	1.445718e+02	−0.1276572637	0.3194252559	−0.2390628762	0.0619128589	−0.1982863803	0.1215052556	−0.2729363080	3.273348e−02	POLR2J3
ENSG00000168256	2.444277e+03	−0.0605137251	0.1075372270	−0.0253159240	0.5055766770	−0.0748414478	0.0493735708	−0.0307216078	4.259173e−01	NKIRAS2
ENSG00000168259	2.137471e+03	0.0146157998	0.7840723987	0.0426789468	0.4282762110	−0.0255020214	0.6362735773	0.1311179796	1.627644e−02	DNAJC7
ENSG00000168280	1.449250e+01	−0.0048919035	0.9666781784	0.0863965998	0.4593859662	0.2296557281	0.0494537251	0.1662514584	1.530923e−01	KIF5C
ENSG00000168286	1.191745e+03	−0.1621693828	0.0498745128	−0.1604803439	0.0540228963	0.0238251173	0.7747082189	−0.0187330790	8.234263e−01	THAP11
ENSG00000168288	2.033553e+03	0.0070714813	0.8718196703	0.0461758927	0.2972166989	0.0552612986	0.2123914992	0.0920326489	4.042069e−02	MMADHC
ENSG00000168297	1.702260e+03	0.0760650419	0.3312407845	0.0652417631	0.4082830667	0.0972565255	0.2177024796	0.2087455082	8.736952e−03	PXK
ENSG00000168298	8.469971e+00	0.1882968995	0.0349182806	−0.0875313253	0.3242718566	−0.0854484157	0.3356964201	−0.0946120453	2.851532e−01	HIST1H1E
ENSG00000168300	1.253730e+03	−0.0434830480	0.5416358747	0.0123026444	0.8640257893	0.1667971187	0.0201518462	0.0035699516	9.607794e−01	PCMTD1
ENSG00000168309	1.397723e+00	0.0006646695	0.9905583188	−0.0034834974	0.9505147524	0.1730609689	0.0021326595	0.0316533342	5.725457e−01	FAM107A
ENSG00000168310	1.706933e+03	0.0314035506	0.6960843861	0.0895085737	0.2689678844	0.1736829911	0.0319274426	0.1197595971	1.427988e−01	IRF2
ENSG00000168329	1.450817e+03	0.1298799896	0.2912031041	0.2083341527	0.0903835216	0.3683846366	0.0027494259	0.2680028719	2.934751e−02	CX3CR1
ENSG00000168356	1.439131e+01	0.1052294097	0.3439314001	0.3061801059	0.0058202987	0.0704180915	0.5248594425	0.0836170933	4.484429e−01	SCN11A
ENSG00000168374	3.129172e+03	0.0661106570	0.3679721593	0.1765244449	0.0171102888	0.0398473239	0.5905794937	−0.0416807032	5.775215e−01	ARF4
ENSG00000168385	1.332874e+04	0.0296553706	0.6270745750	0.1208907842	0.0498368112	0.0543130185	0.3782622120	−0.0263983929	6.722031e−01	SEPT2
ENSG00000168393	3.292837e+02	0.0047613190	0.9518068252	−0.0349178329	0.6603266380	−0.0239677510	0.7630417793	−0.1851914549	2.124996e−02	DTYMK
ENSG00000168394	5.545196e+03	0.1077576903	0.3374727536	0.0593601777	0.5980217196	0.1514450686	0.1785672714	0.3153467771	5.212316e−03	TAP1
ENSG00000168395	7.203216e+02	0.1414291102	0.0140458851	0.0031000034	0.9576207834	−0.0460645881	0.4305737008	−0.1208362666	4.118071e−02	ING5
ENSG00000168404	9.419641e+02	0.0954338535	0.3663380867	0.0699962746	0.5090414079	0.1037881237	0.3275286475	0.4435840052	3.053483e−05	MLKL
ENSG00000168405	8.950673e+02	0.2303817710	0.0202196789	0.0684757886	0.4922299884	0.0461760677	0.6433445347	−0.0795887635	4.274860e−01	CMAHP
ENSG00000168434	5.049401e+02	0.1423392475	0.0374979595	0.0349756789	0.6130059964	0.0153453636	0.8245721489	0.0782112147	2.631114e−01	COG7
ENSG00000168453	3.740418e+00	0.1950180105	0.0316728429	0.0759303052	0.4002336315	0.0466703848	0.6044402593	0.1886941045	3.662803e−02	HR
ENSG00000168488	8.536928e+03	0.1392392983	0.0094969021	0.0001301209	0.9980869457	0.0003198717	0.9952976071	−0.0009936076	9.855799e−01	ATXN2L
ENSG00000168497	4.206834e+02	−0.2614661306	0.0413620508	−0.1962450987	0.1243241314	−0.1040915175	0.4149753281	0.0159422151	9.001709e−01	CAVIN2
ENSG00000168569	3.063416e+02	0.0282629145	0.6806604143	0.0035746167	0.9588687876	0.1567512161	0.0232631305	0.0567135742	4.178478e−01	TMEM223
ENSG00000168610	6.071031e+03	0.0781521589	0.2496659446	0.0577449678	0.3992680871	0.0143242149	0.8343939842	0.2213857783	1.391139e−03	STAT3
ENSG00000168661	4.236635e+01	−0.0108603428	0.9331774843	0.0650322672	0.6147793839	0.2810455031	0.0294830833	−0.0336401217	7.942142e−01	ZNF30
ENSG00000168672	4.585999e+01	0.3265685378	0.0132394981	0.1363686826	0.2993457324	0.2583089570	0.0493214036	0.2291998709	7.984584e−02	FAM84B
ENSG00000168676	2.068261e+00	0.0567328047	0.5159555061	0.1707065166	0.0514021380	0.1762692959	0.0439490451	0.0803945581	3.554547e−01	KCTD19
ENSG00000168701	4.965456e+02	0.0193202914	0.7842159343	0.0525299501	0.4600656905	0.1409566799	0.0472636087	0.1493051973	3.755861e−02	TMEM208
ENSG00000168769	8.537060e+03	0.0049046203	0.9250427987	−0.0907396030	0.0851101108	−0.1616789826	0.0021615523	−0.1005282883	5.975384e−02	TET2
ENSG00000168792	1.553552e+03	−0.0822725194	0.2285150156	−0.0690419352	0.3166367003	−0.0740748701	0.2827769001	−0.2056414943	3.191925e−03	ABHD15
ENSG00000168795	6.695103e+02	0.0500743533	0.5231337103	0.1284591356	0.1038736377	0.0248684757	0.7531848816	−0.1945574683	1.495529e−02	ZBTB5
ENSG00000168803	1.686538e+02	−0.3190236107	0.0042615369	−0.1964249948	0.0787581631	−0.1084913129	0.3313618894	−0.1177946465	2.928186e−01	ADAL
ENSG00000168806	1.199508e+02	0.0391522763	0.7027413333	−0.0390960790	0.7046986655	0.0904647411	0.3797172002	−0.2130688754	4.041773e−02	LCMT2
ENSG00000168811	1.228502e+01	0.1895097904	0.1068510737	0.2036062578	0.0823547456	0.2790332464	0.0173232520	0.1561175749	1.799781e−01	IL12A
ENSG00000168827	1.499187e+03	−0.0218344739	0.7028341290	−0.0669224611	0.2472173886	0.1588881014	0.0059183944	0.1493528124	1.062309e−02	GFM1
ENSG00000168872	1.440891e+03	−0.0354324129	0.4041220279	−0.0507406217	0.2375854431	−0.1106844519	0.0101418829	0.0170069832	6.960293e−01	DDX19A
ENSG00000168883	2.026126e+03	−0.0647635070	0.1668399789	−0.0718339698	0.1294602485	−0.1080797939	0.0226533881	−0.0270005978	5.737784e−01	USP39
ENSG00000168887	1.337419e+03	−0.1063359455	0.0368274688	−0.0794523457	0.1227277074	−0.0877403246	0.0885305664	0.0352677727	4.980778e−01	C2orf68
ENSG00000168890	7.056495e+02	−0.1451925703	0.0193146420	0.0034406003	0.9561221676	−0.0602326565	0.3362746736	−0.1616181777	1.080938e−02	TMEM150A
ENSG00000168916	1.508074e+01	0.2107770353	0.0796089300	0.2470412718	0.0392866354	0.0135968675	0.9094395602	0.1554986161	1.918563e−01	ZNF608
ENSG00000168924	1.613767e+03	−0.0349845871	0.4566629368	−0.0988921953	0.0376074182	−0.0348979686	0.4629725502	0.0636584708	1.858073e−01	LETM1
ENSG00000168939	1.310867e+02	0.0343672428	0.7329507479	−0.2609848727	0.0103347996	0.0643334806	0.5249784728	−0.1790113066	7.934949e−02	SPRY3
ENSG00000168944	1.155139e+03	0.0470837631	0.4274933790	−0.0001742835	0.9976811943	0.0808169168	0.1775740927	−0.1256251678	3.876933e−02	CEP120
ENSG00000168961	1.199479e+04	0.0419480923	0.5687554240	−0.0897276704	0.2267396435	−0.0272882460	0.7131496291	0.1820779159	1.517349e−02	LGALS9
ENSG00000168994	3.296263e+02	0.0504171620	0.7015497723	−0.0068449413	0.9583906116	−0.0767053694	0.5587840985	−0.2919162304	2.556881e−02	PXDC1
ENSG00000169020	1.525525e+03	−0.1284251347	0.0059696729	0.0084559422	0.8576377817	−0.0636478416	0.1776945152	−0.0830309802	8.264130e−02	ATP5I
ENSG00000169021	2.840763e+03	−0.0559224363	0.1339363360	0.0138294342	0.7138967461	−0.0860749659	0.0227570170	0.0075613172	8.433974e−01	UQCRFS1
ENSG00000169045	2.248176e+04	0.0805406137	0.0697683965	0.0762374471	0.0896814060	0.1183594790	0.0084200822	−0.0102714232	8.216070e−01	HNRNPH1
ENSG00000169057	1.830827e+03	0.1510582448	0.0203947403	0.0841489300	0.2007756807	0.0350701692	0.5940931933	−0.0500094609	4.526186e−01	MECP2
ENSG00000169062	1.047642e+03	0.0501475100	0.3468014347	0.0463922351	0.3893140104	−0.0238216531	0.6590408268	−0.1226295475	2.499499e−02	UPF3A
ENSG00000169100	3.830282e+04	−0.1361198898	0.0352822186	−0.1195720643	0.0669749823	−0.2227601255	0.0006436097	−0.1608709754	1.483973e−02	SLC25A6
ENSG00000169116	1.695510e+03	−0.1331737898	0.2735205864	−0.1882273766	0.1217727248	−0.0691941240	0.5694589898	−0.4036722383	9.090814e−04	PARM1
ENSG00000169155	1.199826e+03	0.3804831174	0.0001579982	0.1166063896	0.2491467458	−0.0504326671	0.6183435288	0.1212788748	2.331999e−01	ZBTB43
ENSG00000169184	1.267253e+02	0.3078146667	0.0194096120	0.1665492403	0.2044010822	−0.0967085887	0.4611237109	−0.0142267802	9.132986e−01	MN1
ENSG00000169188	7.531470e+02	0.0359390146	0.5171678561	0.0802996882	0.1515385436	0.0110325158	0.8441499717	0.1112607851	4.974299e−02	APEX2
ENSG00000169189	1.236327e+03	−0.1720997831	0.0002759269	−0.0011104831	0.9814246399	−0.1075756113	0.0244896773	−0.0480346210	3.208328e−01	NSMCE1
ENSG00000169218	2.645608e+00	−0.1236702963	0.1218667922	0.0177422059	0.8247301962	−0.1629751523	0.0405827243	−0.0928834710	2.440326e−01	RSPO1
ENSG00000169221	2.035938e+03	0.0192642850	0.7443503866	−0.0753338338	0.2070493967	0.0741757744	0.2137740481	0.1313529893	2.954893e−02	TBC1D10B
ENSG00000169241	9.749033e+02	0.0309266431	0.6654515366	0.2188877270	0.0023791789	0.0673896578	0.3503222989	0.0166736679	8.190872e−01	SLC50A1
ENSG00000169242	2.633537e+00	0.1501089733	0.0421152058	0.0537757480	0.4648566418	−0.0475999389	0.5161208101	0.0178615050	8.076189e−01	EFNA1
ENSG00000169245	5.250665e+01	0.2628663504	0.0361072740	0.0745628114	0.5505995685	0.2578218983	0.0391074921	0.1592004182	2.001991e−01	CXCL10
ENSG00000169247	3.248741e+00	−0.2393964106	0.0007433026	−0.2162598352	0.0022958691	−0.1964352261	0.0055949612	−0.2293290615	1.186840e−03	SH3TC2
ENSG00000169252	2.427508e+02	0.2362385935	0.0572237060	0.1951597457	0.1160553604	0.3019927948	0.0150074239	0.2040441920	1.002119e−01	ADRB2
ENSG00000169255	9.932763e+01	0.1251052650	0.3355977807	0.1840680161	0.1556818882	0.3132835182	0.0156560000	0.1985967845	1.245689e−01	B3GALNT1
ENSG00000169299	2.233173e+03	−0.1508525369	0.0120547277	−0.0510217588	0.4001359443	−0.1462065498	0.0159913511	0.0177169622	7.728354e−01	PGM2
ENSG00000169313	9.291872e+01	−0.1116349914	0.3858163296	0.0841151705	0.5120217472	0.1867372518	0.1455203099	0.2938640437	2.136410e−02	P2RY12
ENSG00000169375	2.749775e+03	0.1311911903	0.0314537511	−0.0005633488	0.9927052105	−0.0270690888	0.6605306423	−0.0868709855	1.638196e−01	SIN3A
ENSG00000169385	5.656141e+02	−0.0486628461	0.7116966167	0.2082027880	0.1126128686	0.0264892564	0.8400276648	0.3846855600	3.241511e−03	RNASE2
ENSG00000169398	8.113020e+02	0.3153489563	0.0080096840	0.3437512974	0.0038737356	0.2846148483	0.0167967648	0.3679957532	2.007734e−03	PTK2
ENSG00000169427	2.914030e+00	−0.0841647806	0.3770765014	−0.1835484699	0.0526333012	−0.2645236919	0.0050174424	−0.1437921619	1.283511e−01	KCNK9
ENSG00000169429	3.254049e+03	−0.1294743884	0.3029826444	−0.0581899748	0.6421276825	−0.2293266134	0.0670257952	−0.2612857669	3.600239e−02	CXCL8
ENSG00000169439	2.823696e+02	0.0639032112	0.5845966768	0.0737704817	0.5264784810	0.2471198805	0.0338695186	0.0643993204	5.785786e−01	SDC2
ENSG00000169442	1.100427e+04	−0.3427970719	0.0017636624	−0.3678149001	0.0008178837	−0.3010702332	0.0061553900	−0.1480104250	1.794957e−01	CD52

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000169499	3.721753e+03	0.230501678	0.0021806483	0.125137445	0.0989571164	0.130231376	8.598267e−02	0.172712305	2.415621e−02	PLEKHA2
ENSG00000169507	6.227938e+00	0.024472849	0.7824551329	0.132008823	0.1359524961	0.067406011	4.456544e−01	0.319959612	3.065417e−04	SLC38A11
ENSG00000169519	1.557311e+02	0.126078697	0.1548075736	0.065758588	0.4612139583	0.227273045	1.062632e−02	0.070048649	4.365744e−01	METTL15
ENSG00000169564	1.087717e+04	−0.033744812	0.5047867082	−0.061130397	0.2320105203	−0.157427578	2.089718e−03	−0.037347244	4.711663e−01	PCBP1
ENSG00000169567	6.062584e+03	−0.198161269	0.0001312632	−0.036518814	0.4854708148	−0.102369715	5.061920e−02	−0.158101488	2.886412e−03	HINT1
ENSG00000169598	3.363731e+02	−0.021969037	0.7513367509	−0.201433584	0.0041895355	0.042054806	5.476587e−01	0.120772918	8.626537e−02	DFFB
ENSG00000169607	1.359664e+01	0.395333846	0.0008583116	0.149211197	0.2058239222	0.322386024	6.342088e−03	0.185796749	1.131449e−01	CKAP2L
ENSG00000169635	6.358816e+02	0.161232125	0.0238572238	−0.032110612	0.6562252581	0.009932796	8.904800e−01	−0.149815862	4.023908e−02	HIC2
ENSG00000169641	1.708158e+03	−0.027407809	0.6762711317	−0.185733597	0.0051005468	−0.121363970	6.720658e−02	−0.201793767	2.626298e−03	LUZP1
ENSG00000169676	1.468764e+00	−0.084311050	0.2343502827	−0.171115159	0.0152392040	−0.111728630	1.134041e−01	−0.041359000	5.593620e−01	DRD5
ENSG00000169689	4.524782e+02	−0.025251958	0.7302232946	−0.030644664	0.6781527040	−0.074197521	3.156808e−01	−0.180623508	1.575528e−02	CENPX
ENSG00000169714	1.423110e+04	−0.117114322	0.0144115196	−0.054170250	0.2629775933	−0.120215606	1.300118e−02	−0.173420719	4.080809e−04	CNBP
ENSG00000169733	1.109917e+03	−0.021765585	0.7115414302	−0.118006774	0.0473985052	−0.212802521	3.580428e−04	−0.054532084	3.651216e−01	RFNG
ENSG00000169738	1.291139e+03	−0.192815772	0.0177527099	−0.131086056	0.1094844460	−0.193298815	1.832262e−02	−0.053321474	5.186651e−01	DCXR
ENSG00000169740	4.452344e+02	−0.145880943	0.0355052758	−0.058916620	0.3990647736	−0.122587853	7.994635e−02	−0.080763521	2.531243e−01	ZNF32
ENSG00000169764	1.805496e+03	0.002987551	0.9529124443	0.101672605	0.0465369997	0.134492857	8.467552e−03	0.185751936	3.296315e−04	UGP2
ENSG00000169813	6.821800e+03	0.136196865	0.0452345298	0.162940724	0.0175811972	0.072164911	2.930849e−01	0.193384552	5.323067e−03	HNRNPF
ENSG00000169871	1.372430e+03	0.152037097	0.0955007710	0.123056983	0.1797686159	0.147265595	1.084273e−01	0.293703297	1.474939e−03	TRIM56
ENSG00000169884	7.205570e+00	0.344965246	0.0016519287	0.064743077	0.5513279407	0.257544690	1.814051e−02	0.300215310	5.764214e−03	WNT10B
ENSG00000169972	2.973253e+02	−0.093929120	0.2206118063	−0.170351629	0.0278007277	−0.183972053	1.764205e−02	−0.124985719	1.094537e−01	PUSL1
ENSG00000169976	2.453882e+03	−0.091346301	0.0239635145	−0.070933862	0.0830008572	−0.091767333	2.503581e−02	−0.058790265	1.566379e−01	SF3B5
ENSG00000169989	1.613445e+00	−0.136112998	0.0473553227	−0.201190048	0.0032622014	−0.139407479	4.167311e−02	−0.098570185	1.503803e−01	TIGD4
ENSG00000169992	1.316037e+02	0.042053254	0.7317789725	0.014034541	0.9089218413	0.092215899	4.521650e−01	−0.259558330	3.463849e−02	NLGN2
ENSG00000169994	1.066029e+02	0.189811997	0.1495821077	0.421281356	0.0013377889	0.168883064	1.985259e−01	0.449080769	5.992577e−04	MYO7B
ENSG00000170006	2.526286e+03	0.044189347	0.5643604723	0.011914673	0.8774835008	0.172284309	2.575810e−02	0.111932850	1.513798e−01	TMEM154
ENSG00000170017	5.189758e+03	−0.177372837	0.0604508863	−0.211486501	0.0259702768	−0.193771428	4.133930e−02	−0.031746854	7.398164e−01	ALCAM
ENSG00000170027	4.117254e+03	0.222056798	0.0328324870	0.210885224	0.0434570090	0.084007321	4.212087e−01	0.166187195	1.132014e−01	YWHAG
ENSG00000170035	7.528665e+02	−0.184199933	0.0140636920	−0.094733992	0.2099858747	−0.111997404	1.385439e−01	−0.091920618	2.283312e−01	UBE2E3
ENSG00000170043	2.940577e+03	−0.166092787	0.0014837359	−0.041049680	0.4367909721	−0.077487006	1.423302e−01	0.028555583	5.931895e−01	TRAPPC1
ENSG00000170085	3.059781e+02	0.160055754	0.0349137275	0.109712285	0.1517338156	0.112800335	1.408583e−01	0.044326115	5.671992e−01	SIMC1
ENSG00000170144	7.862917e+03	0.073976154	0.0992537227	0.110862493	0.0145670734	0.086533880	5.658977e−02	0.086862972	5.907748e−02	HNRNPA3
ENSG00000170145	1.507074e+03	−0.103640093	0.1185993964	−0.163011166	0.0150671451	0.002591426	9.691491e−01	−0.105060941	1.210795e−01	SIK2
ENSG00000170175	1.489111e+02	0.307192385	0.0040173273	0.284118439	0.0080076892	0.353204120	9.746110e−04	0.423687146	8.006346e−05	CHRNB1
ENSG00000170242	1.851967e+03	0.182537675	0.0010416872	0.093587717	0.0963278297	0.080718226	1.516813e−01	0.074554089	1.910615e−01	USP47
ENSG00000170266	4.454046e+03	−0.101257574	0.0329715217	0.044401523	0.3547022516	−0.004730113	9.214956e−01	0.138594209	4.359084e−03	GLB1
ENSG00000170271	2.103812e+02	−0.141494441	0.2038230282	−0.226770931	0.0423001332	−0.161960800	1.469210e−01	−0.398971632	3.726182e−04	FAXDC2
ENSG00000170275	1.023837e+04	−0.106330030	0.0529340400	−0.120872045	0.0294668816	−0.132746436	1.680868e−02	−0.092613590	9.951865e−02	CRTAP
ENSG00000170296	2.294987e+03	−0.100301771	0.0208180861	−0.009862582	0.8220491425	−0.069548350	1.131715e−01	−0.098344713	2.713406e−02	GABARAP
ENSG00000170312	3.505420e+01	0.389710750	0.0012749930	0.234542818	0.0515151820	0.364789363	2.467013e−03	0.152415968	2.033344e−01	CDK1
ENSG00000170315	1.145700e+04	−0.058564788	0.2360630618	−0.018729491	0.7077815086	−0.074089853	1.382016e−01	−0.115339891	2.277329e−02	UBB
ENSG00000170322	1.129317e+03	0.092784005	0.1877288693	0.037197492	0.6007119069	0.141160446	4.691041e−02	0.076975892	2.838818e−01	NFRKB
ENSG00000170345	1.780862e+05	−0.233755056	0.0252172462	−0.196394744	0.0609914333	−0.090309369	3.889463e−01	−0.151215390	1.509764e−01	FOS
ENSG00000170382	1.900176e+02	0.174216457	0.1495239757	0.196280387	0.1044781099	0.261081639	3.079307e−02	0.275337159	2.281502e−02	LRRN2
ENSG00000170385	3.420048e+03	−0.151464365	0.1797998269	−0.266217823	0.0186358723	−0.281882012	1.273452e−02	0.003209519	9.774257e−01	SLC30A1
ENSG00000170390	1.722769e+02	−0.402394162	0.0022322578	−0.431887875	0.0009992497	−0.302805543	2.103924e−02	−0.256698193	4.965516e−02	DCLK2
ENSG00000170412	9.292520e+01	−0.031916735	0.7759887923	−0.058199058	0.6046598452	−0.385931562	6.440662e−04	0.101454635	3.672376e−01	GPRC5C
ENSG00000170471	2.403107e+03	0.077732413	0.0845228611	0.042846864	0.3472864974	0.134284308	3.206676e−03	0.087247035	5.897828e−02	RALGAPB
ENSG00000170473	7.802495e+02	−0.110238043	0.0291579813	0.014041498	0.7827906846	0.039406642	4.392754e−01	0.008904716	8.629661e−01	PYM1
ENSG00000170476	4.955677e+01	0.192607385	0.0733023614	0.149393795	0.1633920254	0.208704598	5.153657e−02	0.284790118	7.656654e−03	MZB1
ENSG00000170486	1.161954e+01	−0.181665706	0.0087004606	−0.134846778	0.0512056046	−0.120881552	8.045262e−02	−0.142966924	3.836463e−02	KRT72
ENSG00000170515	2.405038e+03	−0.080069139	0.0320073653	−0.011685560	0.7568652792	−0.024604106	5.148461e−01	0.011054139	7.727424e−01	PA2G4
ENSG00000170537	9.037229e−01	0.025860223	0.5565721864	0.058992721	0.1800561305	0.025436379	5.624652e−01	0.102801234	1.953897e−02	TMC7
ENSG00000170581	6.943724e+03	0.142312602	0.1860661353	0.058377579	0.5886692075	0.137292446	2.034491e−01	0.426162930	8.388224e−05	STAT2
ENSG00000170584	6.521023e+02	−0.145801446	0.0057124683	−0.158698687	0.0029392983	−0.043769174	4.111044e−01	−0.142851053	8.137409e−03	NUDCD2
ENSG00000170606	2.691277e+03	0.092556615	0.1392223713	−0.006764345	0.9147909214	0.002886249	9.635907e−01	0.166769610	9.098661e−03	HSPA4
ENSG00000170629	8.067550e+00	0.089098741	0.4186171093	0.141403048	0.1984888864	0.422916807	1.278380e−04	0.258233646	1.846599e−02	DPY19L2P2
ENSG00000170631	2.787555e+02	−0.120011630	0.1825257082	−0.093118515	0.3037588095	−0.196753252	3.012668e−02	−0.148532707	1.036160e−01	ZNF16
ENSG00000170633	4.313852e+02	0.068240637	0.3659404204	0.021088636	0.7817169118	0.096106454	2.064223e−01	0.181956220	1.774190e−02	RNF34
ENSG00000170634	4.729691e+02	−0.186519299	0.0103573230	−0.020973675	0.7745239793	−0.089487835	2.224366e−01	−0.206720639	5.279327e−03	ACYP2
ENSG00000170689	7.409279e−01	0.018855756	0.6057169835	0.004021047	0.9122981864	0.006981922	8.482086e−01	0.099071078	6.736775e−03	HOXB9
ENSG00000170734	1.825712e+02	0.126460565	0.1051794328	0.060850039	0.4399923956	0.144980764	6.537362e−02	0.172557688	2.955021e−02	POLH
ENSG00000170852	2.093730e+03	0.150180589	0.0428808738	0.048263268	0.5188211044	0.008374714	9.108881e−01	−0.063921869	3.978333e−01	KBTBD2
ENSG00000170854	5.964368e+02	−0.018538762	0.7909365704	0.097786960	0.1647997948	0.065490025	3.527048e−01	0.175902539	1.341045e−02	RIOX2
ENSG00000170889	4.503831e+04	−0.112814577	0.0244032729	−0.103041839	0.0420028460	−0.163180329	1.281212e−03	−0.078281114	1.274003e−01	RPS9
ENSG00000170892	1.920366e+03	−0.092356026	0.1564370724	−0.144591525	0.0279847491	−0.102303189	1.199877e−01	−0.091103799	1.709639e−01	TSEN34
ENSG00000170893	2.043677e+01	−0.048600307	0.6897257834	0.038704689	0.7498803421	0.154621093	2.030461e−01	−0.239065853	4.722823e−02	TRH
ENSG00000170903	4.118133e+02	−0.184131622	0.0159076027	−0.112927463	0.1418384943	−0.049210829	5.219142e−01	−0.055954754	4.707156e−01	MSANTD4
ENSG00000170915	6.813737e+02	0.047585145	0.6689366670	−0.002853450	0.9795939739	0.242621435	2.956939e−02	0.204987317	6.679590e−02	PAQR8
ENSG00000170917	6.706922e+01	−0.265484876	0.0202091131	−0.216456100	0.0585799630	−0.014703529	8.974600e−01	−0.164037497	1.517103e−01	NUDT6
ENSG00000170919	1.908713e+02	0.169647417	0.0580892220	0.336551616	0.0001794650	0.183333551	4.207631e−02	0.104562684	2.494448e−01	TPT1−AS1
ENSG00000170955	1.080551e+02	0.182415895	0.1665044391	0.196366827	0.1351555313	0.157464999	2.308790e−01	0.299493342	2.213700e−02	CAVIN3
ENSG00000170956	8.216519e+01	−0.264622853	0.0404448256	−0.163694741	0.2039444158	0.177187090	1.687062e−01	−0.123298457	3.375189e−01	CEACAM3
ENSG00000171033	3.332340e+01	0.233247663	0.0763153836	0.080437826	0.5395895393	0.279373069	3.316508e−02	0.258657132	4.760972e−02	PKIA
ENSG00000171049	7.455943e+01	0.017273852	0.8847325136	0.165684438	0.1629667605	0.104424373	3.791374e−01	0.252906629	3.238801e−02	FPR2
ENSG00000171051	2.530658e+03	0.022973143	0.8597903731	0.274257581	0.0342935586	0.117564528	3.642379e−01	0.115948783	3.686260e−01	FPR1
ENSG00000171115	2.886720e+02	0.042389524	0.7424211472	0.178466192	0.1656772278	0.226014376	7.916201e−02	0.317189376	1.353698e−02	GIMAP8
ENSG00000171155	3.458739e+02	0.064231758	0.5079295471	0.205761390	0.0345965384	0.082166559	3.994280e−01	0.173532450	7.658371e−02	C1GALT1C1
ENSG00000171159	1.374932e+03	−0.163504181	0.0242395834	−0.140212450	0.0553462878	−0.139156707	5.726389e−02	−0.171431212	2.042057e−02	C9orf16
ENSG00000171160	5.533488e+00	0.165661950	0.1428755139	0.158638555	0.1591228648	0.101584110	3.660602e−01	0.263773031	1.898911e−02	MORN4
ENSG00000171169	3.165815e+02	−0.044905109	0.5943339208	−0.117569045	0.1665225447	−0.107686906	2.053154e−01	0.171487675	4.452314e−02	NAIF1
ENSG00000171174	3.894399e+02	0.017907036	0.8913442676	−0.020812249	0.8735397698	−0.324431651	1.310614e−02	−0.392511841	2.605344e−03	RBKS
ENSG00000171206	6.195751e+03	−0.088871974	0.1320939320	−0.153252261	0.0101527685	−0.200763242	7.603565e−04	−0.098223334	1.036169e−01	TRIM8
ENSG00000171219	1.712948e+01	0.207831837	0.0987717088	0.148996663	0.2347528707	0.299961977	1.684438e−02	0.155176066	2.134222e−01	CDC42BPG
ENSG00000171222	1.922678e+03	−0.061041541	0.3890419480	−0.135861264	0.0574254602	−0.189138741	8.192638e−03	−0.011852945	8.696661e−01	SCAND1
ENSG00000171223	5.647330e+04	−0.162007862	0.1026212912	−0.243860745	0.0144509281	−0.223565667	2.494209e−02	−0.317548653	1.539680e−03	JUNB
ENSG00000171236	1.672493e+02	0.145002374	0.2474411891	0.189640487	0.1289025750	−0.001330777	9.914966e−01	0.323666419	9.218503e−03	LRG1
ENSG00000171241	2.631718e+02	0.169562101	0.0871361923	0.182785572	0.0663467606	0.266260266	7.456812e−03	0.093683463	3.498361e−01	SHCBP1
ENSG00000171295	3.914473e+02	−0.079491137	0.3464499478	−0.027906199	0.7425863599	−0.089091680	2.950092e−01	−0.174566936	4.192493e−02	ZNF440
ENSG00000171307	5.267248e+02	−0.058475477	0.3862202976	0.046558179	0.4934734565	0.138849656	4.093443e−02	0.111909845	1.029076e−01	ZDHHC16
ENSG00000171314	1.728577e+03	−0.117938245	0.0464083512	−0.058697493	0.3261922057	−0.154980030	9.612588e−03	−0.007177274	9.055561e−01	PGAM1
ENSG00000171320	3.166588e+01	0.031728131	0.8095871457	0.114027939	0.3850766524	0.380717257	3.717637e−03	−0.043633003	7.387527e−01	ESCO2
ENSG00000171425	8.844738e+02	−0.094016407	0.1925650255	−0.102211252	0.1601437745	−0.151535067	3.746433e−02	−0.032830085	6.550919e−01	ZNF581
ENSG00000171443	6.442154e+02	−0.069022188	0.3419239863	−0.098139679	0.1803554543	−0.173364310	1.812276e−02	−0.045849182	5.354873e−01	ZNF524
ENSG00000171469	6.792356e+02	−0.140561364	0.0303746663	−0.052816272	0.4196505713	−0.108517154	9.778860e−02	−0.180109638	6.613360e−03	ZNF561
ENSG00000171490	6.534981e+03	−0.155580074	0.0026233320	−0.102007765	0.0509427174	−0.220213161	2.532136e−05	−0.134587053	1.103880e−02	RSL1D1
ENSG00000171492	2.084861e+03	−0.027527976	0.6362882019	0.005912089	0.9198946880	0.056626477	3.353939e−01	0.220452568	2.080943e−04	LRRC8D
ENSG00000171503	3.713862e+02	0.071929891	0.4499036150	0.088389182	0.3555826737	0.203107961	3.365610e−02	0.176488206	6.663541e−02	ETFDH
ENSG00000171522	1.625457e+04	−0.058692997	0.6145341131	−0.063341000	0.5872715803	−0.170520620	1.439483e−01	−0.369098647	1.589687e−03	PTGER4
ENSG00000171530	1.871620e+03	−0.156522298	0.0098697175	−0.049007147	0.4233392833	−0.080295530	1.897950e−01	−0.133284351	3.156479e−02	TBCA
ENSG00000171595	3.921920e+00	0.026057599	0.8097029749	0.039511002	0.7144613758	0.327336875	2.642717e−03	−0.005366208	9.601013e−01	DNAI2
ENSG00000171603	4.339928e+03	−0.096256922	0.0669048517	−0.106089358	0.0457231082	−0.052937254	3.187626e−01	−0.032190156	5.494543e−01	CLSTN1
ENSG00000171604	1.501257e+03	−0.042532347	0.6765267590	−0.226882637	0.0267031346	−0.224138518	2.860485e−02	−0.086775951	3.989723e−01	CXXC5
ENSG00000171608	8.254954e+03	0.083637310	0.2279000756	0.029630297	0.6720038738	0.057910917	4.079523e−01	0.156866947	2.659725e−02	PIK3CD
ENSG00000171611	1.310074e+01	−0.289689351	0.0005012101	−0.312885376	0.0001655551	−0.266118308	1.358357e−03	−0.320692058	1.081714e−04	PTCRA
ENSG00000171612	7.465401e+02	0.011180737	0.8798385551	−0.014331495	0.8476359130	−0.165299269	2.697723e−02	−0.206449857	6.248102e−03	SLC25A33

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000171634	3.183942e+03	1.177795e−01	1.608149e−02	−0.037867443	4.444310e−01	0.016295853	0.7420599533	−0.021075597	6.745355e−01	BPTF
ENSG00000171643	2.253667e+02	−8.882075e−02	4.110144e−01	0.014520761	8.933014e−01	−0.244447710	0.0242867488	−0.121706014	2.632422e−01	S100Z
ENSG00000171649	2.154724e+02	−2.391677e−01	4.268470e−02	−0.129264951	2.735268e−01	−0.164839491	0.1627613209	−0.240421458	4.204316e−02	ZIK1
ENSG00000171681	3.781945e+03	−4.504221e−02	5.583341e−01	−0.083203852	2.834338e−01	−0.030487933	0.6942828447	−0.179733517	2.177305e−02	ATF7IP
ENSG00000171700	4.764135e+03	−1.360391e−01	2.671241e−02	−0.139252717	2.470239e−02	−0.076486126	0.2173036437	−0.005425131	9.310801e−01	RGS19
ENSG00000171703	4.947313e+02	−1.453710e−02	8.261929e−01	−0.031345701	6.391779e−01	0.008521190	0.8985801284	−0.179107571	8.232068e−03	TCEA2
ENSG00000171747	1.902180e+01	3.246421e−01	1.354178e−02	0.217307334	9.713627e−02	0.199022294	0.1286215436	0.101264041	4.372553e−01	LGALS4
ENSG00000171757	3.849016e+01	−1.642506e−01	1.944797e−01	−0.299104557	1.817952e−02	−0.191671371	0.1298481039	−0.147719717	2.419716e−01	LRRC34
ENSG00000171763	7.247977e+02	1.720509e−01	1.498815e−01	0.107974996	3.665011e−01	0.004095429	0.9726807429	−0.263410037	2.780095e−02	SPATA5L1
ENSG00000171766	7.370014e+02	−1.513698e−01	2.444233e−01	−0.220416645	8.942298e−02	−0.296924528	0.0221424548	−0.203518686	1.158659e−01	GATM
ENSG00000171792	6.448174e+02	−2.435690e−01	2.900133e−04	−0.033368746	6.215598e−01	−0.113983424	0.0923363002	−0.112663943	9.975360e−02	RHNO1
ENSG00000171817	5.106027e+00	6.178258e−02	5.724297e−01	0.161652791	1.397226e−01	0.172004614	0.1158147475	0.215283611	4.831149e−02	ZNF540
ENSG00000171823	7.971324e+02	−1.937158e−01	1.680431e−02	−0.336376502	3.834701e−05	−0.309474982	0.0001521239	−0.206039045	1.236192e−02	FBXL14
ENSG00000171824	2.022767e+03	7.427604e−02	7.204885e−02	0.025565813	5.408564e−01	0.084128692	0.0441252738	0.102105819	1.589500e−02	EXOSC10
ENSG00000171847	4.808847e+01	−2.075216e−01	1.155342e−01	−0.327306693	1.277409e−02	−0.321885489	0.0143346668	−0.261961961	4.540742e−02	FAM90A1
ENSG00000171848	6.370417e+01	2.697513e−01	2.043224e−02	0.163582441	1.582023e−01	0.227849888	0.0493633612	0.113745194	3.241353e−01	RRM2
ENSG00000171853	2.327086e+03	−1.096127e−01	6.097322e−02	−0.162588863	5.950310e−03	−0.128673378	0.0295042550	−0.055238275	3.556904e−01	TRAPPC12
ENSG00000171858	1.541247e+04	−1.526199e−01	6.431916e−03	−0.061825850	2.745801e−01	−0.048823200	0.3882626468	−0.192378829	7.889153e−04	RPS21
ENSG00000171861	4.994755e+02	2.124114e−02	7.544554e−01	−0.071215244	2.993013e−01	−0.231586693	0.0007737099	−0.060816853	3.809599e−01	MRM3
ENSG00000171862	6.544532e+03	−2.071040e−02	7.862161e−01	0.070165283	3.619433e−01	0.043092096	0.5755731052	0.256638557	9.577033e−04	PTEN
ENSG00000171863	1.313169e+04	−1.737152e−01	4.061439e−04	−0.102714602	3.862692e−02	−0.140090098	0.0047973387	−0.229806644	4.999014e−06	RPS7
ENSG00000171865	6.630815e+02	−1.157292e−01	4.561106e−02	−0.060576054	2.997528e−01	−0.111326067	0.0571692065	−0.134055677	2.361588e−02	RNASEH1
ENSG00000171903	1.574296e+00	−1.368507e−01	1.608159e−02	−0.084179119	1.390227e−01	−0.083586757	0.1414235958	−0.136003850	1.650277e−02	CYP4F11
ENSG00000171914	4.162639e+01	2.630637e−01	4.341492e−02	0.081332264	5.317517e−01	−0.006009474	0.9631670152	0.119848701	3.554239e−01	TLN2
ENSG00000171928	3.000461e+02	1.920394e−01	4.829180e−02	0.192442927	4.899003e−02	0.250907302	0.0102513610	0.204615415	3.730704e−02	TVP23B
ENSG00000171953	1.296350e+03	−6.230539e−02	2.616699e−01	0.001150040	9.836272e−01	−0.146883600	0.0089218041	−0.113295827	4.624102e−02	ATPAF2
ENSG00000171954	2.842841e+00	2.458761e−01	2.010878e−03	0.075065075	3.429033e−01	0.055724336	0.4806612979	0.090637779	2.507047e−01	CYP4F22
ENSG00000171984	8.145299e+01	3.851394e−03	9.727805e−01	0.248039883	2.763655e−02	0.054687363	0.6285702274	0.110824540	3.275481e−01	C20orf196
ENSG00000171988	5.907464e+03	1.995487e−01	7.238941e−03	0.122950847	1.007881e−01	−0.051050864	0.4957426956	−0.064198323	3.964442e−01	JMJD1C
ENSG00000172006	9.337734e+01	1.157359e−01	2.809229e−01	−0.268989749	1.312167e−02	−0.140578563	0.1940451071	−0.110701712	3.076413e−01	ZNF554
ENSG00000172009	9.403170e+02	−1.842814e−02	7.502413e−01	−0.074864598	2.008978e−01	−0.047133935	0.4207633822	−0.134833119	2.300327e−02	THOP1
ENSG00000172053	1.001352e+04	−1.100851e−01	2.381822e−02	−0.070237871	1.537932e−01	−0.082500355	0.0939195212	−0.118596202	1.750290e−02	QARS
ENSG00000172071	6.092579e+02	2.845569e−01	4.749669e−03	0.156978704	1.210659e−01	0.065530310	0.5177461591	0.072037589	4.793134e−01	EIF2AK3
ENSG00000172081	8.594689e+03	1.884858e−01	3.351362e−02	0.087869362	3.247018e−01	0.063910445	0.4738140001	0.041094597	6.476306e−01	MOB3A
ENSG00000172086	7.287939e+02	−1.695050e−02	8.240144e−01	0.104841474	1.717976e−01	0.147618627	0.0543494830	0.202838271	8.816221e−03	KRCC1
ENSG00000172123	4.206773e+02	2.307599e−01	2.961264e−02	0.097010370	3.623506e−01	0.154041566	0.1480316363	0.305637422	4.229992e−03	SLFN12
ENSG00000172175	4.278169e+03	2.687637e−01	6.237162e−03	0.217948626	2.728150e−02	0.042070272	0.6700763307	0.058551051	5.555014e−01	MALT1
ENSG00000172183	6.608210e+02	2.295879e−01	8.152615e−02	0.235657770	7.292676e−02	0.191532034	0.1449786448	0.484205598	2.168160e−04	ISG20
ENSG00000172244	3.122196e+01	1.725731e−01	1.905478e−01	0.301315592	2.187276e−02	0.374529584	0.0043761409	0.202412079	1.221096e−01	C5orf34
ENSG00000172247	2.616820e+01	2.415989e−01	4.828456e−02	0.019622074	8.719512e−01	0.089130178	0.4641613397	0.144216710	2.341594e−01	C1QTNF4
ENSG00000172260	1.091710e+03	−3.044220e−01	1.302672e−02	−0.168927997	1.681793e−01	−0.274013999	0.0254079942	−0.149047044	2.240094e−01	NEGR1
ENSG00000172273	4.630405e+02	2.681030e−02	7.391518e−01	0.085329875	2.924723e−01	0.089863941	0.2677897895	0.173759606	3.344890e−02	HINFP
ENSG00000172296	1.857160e+00	1.520711e−01	3.112921e−02	0.056461824	4.217516e−01	0.252949241	0.0003432529	0.054667829	4.350210e−01	SPTLC3
ENSG00000172322	2.192000e+03	3.397979e−01	9.696883e−03	0.257551429	4.934325e−02	0.106092588	0.4181215789	0.421152309	1.259899e−03	CLEC12A
ENSG00000172336	3.875747e+02	−1.535352e−01	6.342697e−02	−0.197679055	1.770939e−02	−0.055588832	0.5042011868	0.039629146	6.363435e−01	POP7
ENSG00000172349	8.402934e+03	1.300441e−02	8.567732e−01	−0.016179284	8.238234e−01	−0.052161837	0.4729390245	−0.151874803	3.866008e−02	IL16
ENSG00000172354	9.822167e+03	−2.870092e−02	5.679842e−01	−0.117775395	2.047647e−02	−0.082814623	0.1031964474	0.071832674	1.629308e−01	GNB2
ENSG00000172361	5.960228e+00	−2.529704e−01	3.176215e−02	−0.184369209	1.170736e−01	−0.043966271	0.7092816039	−0.221554570	5.814637e−02	CFAP53
ENSG00000172366	7.950752e+02	−1.225365e−01	1.109546e−01	−0.145439782	6.060044e−02	−0.160556972	0.0384098943	−0.136431624	8.120849e−02	MCRIP2
ENSG00000172367	8.948861e+00	2.894398e−01	1.622887e−02	0.134975686	2.592866e−01	0.031227887	0.7936093330	0.106876115	3.694853e−01	PDZD3
ENSG00000172428	8.585794e+02	−2.334107e−01	3.301332e−05	−0.104619814	6.494137e−02	−0.134977047	0.0173958660	−0.190909847	8.926593e−04	COPS9
ENSG00000172460	5.264543e+00	−1.596384e−02	8.644791e−01	−0.144162101	1.215259e−01	−0.124925387	0.1794859664	−0.210258619	2.320557e−02	PRSS30P
ENSG00000172508	3.943771e+01	2.389104e−01	6.839573e−02	0.328721286	1.186767e−02	0.236144654	0.0706256348	0.139457793	2.834439e−01	CARNS1
ENSG00000172530	1.206874e+03	6.700420e−02	4.487468e−01	−0.009350880	9.163540e−01	−0.233814297	0.0086993714	−0.223664122	1.273441e−02	BANP
ENSG00000172534	6.364428e+03	1.919611e−01	1.394839e−02	−0.004083436	9.586186e−01	0.027353801	0.7281593882	0.178132361	2.494241e−02	HCFC1
ENSG00000172548	7.531356e+00	1.631944e−01	1.012020e−01	0.279808731	4.915308e−03	0.028921199	0.7702715741	0.133925387	1.755329e−01	NIPAL4
ENSG00000172568	1.950450e+00	1.931806e−01	1.237328e−02	0.023578902	7.581605e−01	0.026667671	0.7272994307	−0.005307124	9.446604e−01	FNDC9
ENSG00000172575	1.026858e+02	4.085403e−05	9.997528e−01	0.073269435	5.772564e−01	0.304473580	0.0205408733	0.024178044	8.534978e−01	RASGRP1
ENSG00000172638	1.096554e+02	1.608035e−01	1.598090e−01	0.295248513	9.865614e−03	0.095211140	0.4065793872	0.234042722	4.139398e−02	EFEMP2
ENSG00000172661	2.621113e+03	1.638900e−02	7.920210e−01	0.069692793	2.665901e−01	−0.026293477	0.6753060520	0.144065587	2.324239e−02	WASHC2C
ENSG00000172663	7.804551e+02	−2.614908e−02	6.498419e−01	−0.021580595	7.106879e−01	−0.079090729	0.1747812693	−0.128671129	2.926810e−02	TMEM134
ENSG00000172667	9.396106e+02	2.805635e−02	7.128347e−01	0.027706179	7.184576e−01	0.078966932	0.3041243358	0.198323431	1.049351e−02	ZMAT3
ENSG00000172689	7.381206e−01	−6.810081e−02	3.082357e−01	−0.080859159	2.260806e−01	−0.125733111	0.0582143652	−0.148511992	2.482729e−02	MS4A10
ENSG00000172716	1.765839e+03	1.540033e−01	5.777431e−02	0.179944181	2.772155e−02	0.278944303	0.0006428568	0.215151727	9.103731e−03	SLFN11
ENSG00000172725	4.245537e+03	−7.169252e−02	2.775567e−01	−0.083339286	2.110905e−01	−0.156643069	0.0187785491	−0.067148306	3.191277e−01	CORO1B
ENSG00000172732	9.054347e+02	1.881954e−01	7.795040e−03	0.127923175	7.310176e−02	0.093782771	0.1891832441	0.065006009	3.678853e−01	MUS81
ENSG00000172738	1.146778e+01	1.443906e−01	2.348184e−01	0.332611541	6.167139e−03	0.188445251	0.1199437881	0.025710719	8.306715e−01	TMEM217
ENSG00000172748	7.651403e+01	3.042428e−02	7.926044e−01	0.038202788	7.416519e−01	0.234802865	0.0422643741	0.100297628	3.869725e−01	ZNF596
ENSG00000172757	4.150157e+04	−8.837434e−02	5.022410e−02	−0.091738309	4.446235e−02	−0.081045016	0.0758292973	0.029421807	5.249392e−01	CFL1
ENSG00000172765	7.737222e+02	−1.466310e−01	1.107995e−02	−0.139755593	1.650898e−02	−0.141069947	0.0155997433	−0.126206151	3.250794e−02	TMCC1
ENSG00000172775	2.312748e+03	3.545325e−02	3.675522e−01	0.023229114	5.595804e−01	0.098861761	0.0129726488	0.052593348	1.927106e−01	FAM192A
ENSG00000172782	8.541179e−01	−9.733562e−02	9.663794e−02	−0.081863383	1.621100e−01	−0.124776474	0.0323790857	−0.098471356	9.243600e−02	FADS6
ENSG00000172799	4.499909e+01	−2.053060e−01	9.236980e−02	−0.099171375	4.155547e−01	−0.107944135	0.3758788288	−0.304866601	1.253232e−02	ZBTB8OSP2
ENSG00000172809	1.233923e+04	−1.611750e−01	1.258957e−03	−0.068117831	1.775089e−01	−0.066464730	0.1882887561	−0.154714434	2.512075e−03	RPL38
ENSG00000172818	1.599187e+00	1.047783e−01	7.598890e−02	0.150580341	1.079042e−02	0.047092742	0.4234607537	0.076322877	1.948652e−01	OVOL1
ENSG00000172840	5.273724e+01	−2.067065e−01	9.227708e−02	−0.247853252	4.356305e−02	0.015712640	0.8979040844	−0.096215568	4.325141e−01	PDP2
ENSG00000172845	5.647410e+03	1.781164e−02	7.428787e−01	−0.019538051	7.218171e−01	−0.095868891	0.0807483406	−0.127188938	2.216480e−02	SP3
ENSG00000172888	7.165195e+02	1.913904e−01	9.035442e−03	0.120861911	1.023577e−01	0.218420021	0.0031381325	0.096592969	1.962851e−01	ZNF621
ENSG00000172889	6.601469e+00	−2.820240e−01	6.003407e−03	−0.247336314	1.572777e−02	−0.168284252	0.1005906689	−0.187200772	6.695809e−02	EGFL7
ENSG00000172927	2.196022e+00	−1.505996e−01	2.464406e−02	−0.103803529	1.214771e−01	−0.117064281	0.0803229241	−0.085246320	2.028680e−01	MYEOV
ENSG00000172936	1.722120e+04	1.779416e−02	7.816103e−01	−0.014993228	8.170173e−01	−0.013549111	0.8343768556	0.144355947	2.765282e−02	MYD88
ENSG00000172939	3.552789e+03	3.541869e−01	7.790644e−04	0.193785788	6.695572e−02	0.054240075	0.6081539405	0.131512802	2.157621e−01	OXSR1
ENSG00000172974	1.900715e+03	−4.864156e−02	3.010628e−01	−0.038408058	4.192864e−01	−0.110363437	0.0204739334	−0.073445600	1.277906e−01	AC007318.1
ENSG00000172986	5.658154e−01	3.275330e−03	9.157072e−01	0.017016592	5.825454e−01	0.069412480	0.0250018808	0.012709618	6.811857e−01	GXYLT2
ENSG00000173011	2.066659e+03	−1.076015e−01	8.243332e−02	−0.144166683	2.124452e−02	−0.136164926	0.0296051511	−0.097507924	1.234413e−01	TADA2B
ENSG00000173013	5.627447e+01	2.485850e−01	3.900351e−02	0.232038594	5.412135e−02	0.089230356	0.4600973279	0.126651314	2.943191e−01	CCDC96
ENSG00000173040	8.164328e+00	1.721841e−01	1.123547e−01	0.179179781	9.753821e−02	0.056326903	0.6014836817	0.220282534	4.083780e−02	EVC2
ENSG00000173083	2.560421e+02	3.817281e−02	7.678255e−01	0.070864616	5.829607e−01	0.040176212	0.7555978049	0.338515590	8.551227e−03	HPSE
ENSG00000173113	2.100931e+03	−1.002172e−01	4.338265e−02	−0.040691686	4.168685e−01	−0.084941042	0.0903951306	−0.055326752	2.762330e−01	TRMT112
ENSG00000173120	1.245349e+04	1.230096e−02	7.483134e−01	−0.066247009	8.776268e−02	−0.061071313	0.1155410513	−0.103409031	8.622998e−03	KDM2A
ENSG00000173163	6.176205e+02	−1.300609e−01	4.523112e−02	−0.034321400	5.999392e−01	−0.135964533	0.0382001101	−0.083665642	2.067856e−01	COMMD1
ENSG00000173193	6.481062e+03	2.799081e−01	1.853132e−02	0.158387580	1.830528e−01	0.237513797	0.0458725180	0.375969185	1.592221e−03	PARP14
ENSG00000173200	7.561797e+02	2.744741e−01	5.715781e−03	0.261355263	8.806907e−03	0.334054621	0.0008125555	0.358657591	3.487381e−04	PARP15
ENSG00000173209	2.580252e+03	1.595855e−01	6.564783e−02	0.130241560	1.355754e−01	0.187670029	0.0315058397	−0.003919462	9.644701e−01	AHSA2
ENSG00000173221	2.050924e+03	−4.520616e−02	5.119290e−01	0.101191564	1.453799e−01	0.067470197	0.3317872100	0.139502809	4.707217e−02	GLRX
ENSG00000173230	3.248132e+03	1.525380e−01	8.312855e−03	0.074696210	2.009512e−01	0.031232462	0.5929815289	0.104151318	7.816960e−02	GOLGB1
ENSG00000173269	2.258008e+00	9.992511e−02	1.829782e−01	0.161267047	3.170148e−02	0.099828841	0.1822545175	0.090543152	2.257103e−01	MMRN2
ENSG00000173272	8.898502e+02	−6.221181e−02	5.541818e−01	−0.207650653	4.919109e−02	−0.032762403	0.7562296959	0.015332417	8.849779e−01	MZT2A
ENSG00000173276	1.828367e+03	1.587974e−01	3.967734e−02	0.029405485	7.055989e−01	−0.116824766	0.1336560643	−0.244372976	1.894913e−03	ZBTB21
ENSG00000173281	3.652396e+02	1.810529e−01	1.516955e−01	0.056690181	6.532659e−01	−0.112399774	0.3732269261	0.312749069	1.306446e−02	PPP1R3B
ENSG00000173327	7.347929e+03	−1.170134e−01	1.510416e−01	−0.161310214	4.941095e−02	−0.119254202	0.1463019555	−0.033086392	6.895415e−01	MAP3K11
ENSG00000173338	6.784167e+01	1.167607e−01	3.216861e−01	−0.293079730	1.349148e−02	−0.176779936	0.1357123095	−0.013070556	9.120005e−01	KCNK7
ENSG00000173369	3.723655e+02	1.650687e−01	1.816286e−01	0.124451188	3.120527e−01	0.058139932	0.6367171914	0.294026662	1.639811e−02	C1QB
ENSG00000173421	2.040350e+00	−2.055755e−01	8.458934e−03	−0.175775692	2.427070e−02	−0.135714937	0.0819754740	−0.206585145	7.924379e−03	CCDC36
ENSG00000173451	2.165097e+02	3.086559e−01	4.432637e−03	0.298630411	6.035933e−03	0.124166046	0.2543772482	0.111321383	3.087326e−01	THAP2

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000173457	1044.955152	−0.046877125	5.804724e−01	−0.1730726815	0.042828230	−0.0934308919	0.2741360898	−0.103861298	2.278481e−01	PPP1R14B
ENSG00000173465	493.272497	0.027774353	6.553899e−01	−0.0517874369	0.410502530	−0.1255518873	0.0466162461	−0.081341939	2.021224e−01	SSSCA1
ENSG00000173530	680.358694	−0.299668331	1.148643e−02	−0.2875146957	0.015393886	−0.1210003352	0.3077776935	−0.063405974	5.933742e−01	TNFRSF10D
ENSG00000173546	27.361993	0.309244742	1.808920e−02	0.1227646016	0.346038301	0.2603003898	0.0457844904	0.351308974	6.786204e−03	CSPG4
ENSG00000173559	1049.755621	0.225920125	5.594144e−02	0.2941430203	0.012898312	0.1276255962	0.2807205987	−0.061766554	6.021215e−01	NABP1
ENSG00000173575	4712.082739	0.055030200	2.037358e−01	0.0166580145	0.703743533	−0.0433397710	0.3227701540	−0.122699983	5.784051e−03	CHD2
ENSG00000173581	270.609538	−0.276676178	2.383990e−03	−0.1504574063	0.100038575	−0.0856919454	0.3487371215	−0.210983272	2.202488e−02	CCDC106
ENSG00000173614	187.486802	−0.065534084	4.106510e−01	−0.0175839765	0.826315182	0.0539348559	0.5004646568	0.226570009	4.748003e−03	NMNAT1
ENSG00000173653	687.218192	−0.002885664	9.587609e−01	−0.0943958077	0.094762079	−0.1118444225	0.0480413714	−0.046636446	4.145322e−01	RCE1
ENSG00000173660	1928.017984	−0.114643921	3.451351e−02	0.0468408128	0.392113286	0.0002380073	0.9965329934	−0.069386694	2.110542e−01	UQCRH
ENSG00000173662	8.551523	−0.079738095	4.943139e−01	−0.2459446336	0.033769459	−0.1142308778	0.3249616697	−0.097922670	3.975996e−01	TAS1R1
ENSG00000173692	1799.976409	0.062452737	2.577158e−01	0.0222529630	0.689863422	0.0704507344	0.2064383713	0.150243498	7.763027e−03	PSMD1
ENSG00000173705	21.199489	0.085940747	5.138634e−01	0.2856376040	0.029534299	0.3474851842	0.0081110453	0.211759439	1.050933e−01	SUSD5
ENSG00000173715	42.730672	0.015631493	9.053515e−01	−0.0419975161	0.748532025	0.3120098872	0.0172789616	0.129421827	3.211476e−01	C11orf80
ENSG00000173726	6066.978138	−0.082952852	1.123315e−01	−0.0676436038	0.200177350	−0.1197617118	0.0233642790	−0.030713112	5.658552e−01	TOMM20
ENSG00000173744	3243.924536	0.138669891	1.959269e−02	0.0768395261	0.200503825	0.1920976440	0.0013682570	0.167194626	5.908279e−03	AGFG1
ENSG00000173786	1980.641115	0.046788062	5.087956e−01	0.0169336345	0.812605868	0.0124937541	0.8611777762	0.246118482	6.466334e−04	CNP
ENSG00000173812	42165.157641	−0.020610370	6.537169e−01	−0.0465722273	0.316180505	−0.1301065998	0.0051105804	−0.150701644	1.379169e−03	EIF1
ENSG00000173818	488.288868	0.167976222	1.582465e−02	0.1002662715	0.153902955	0.0854460086	0.2247659343	−0.035954867	6.137712e−01	ENDOV
ENSG00000173821	20758.031663	0.178386442	1.001061e−01	0.0684239729	0.529412059	0.0913525756	0.4011070567	0.337372770	2.002563e−03	RNF213
ENSG00000173875	1205.247203	0.228798536	4.606899e−02	0.1025023723	0.372347093	−0.0614661531	0.5927651975	−0.109533349	3.415741e−01	ZNF791
ENSG00000173889	2928.696445	−0.011313458	8.316508e−01	−0.0582034841	0.279326870	0.0007964581	0.9881873346	−0.135132409	1.320292e−02	PHC3
ENSG00000173890	2291.112449	−0.323788320	9.823140e−04	−0.0026123985	0.978879707	−0.1125964152	0.2539441393	−0.364881395	2.377430e−04	GPR160
ENSG00000173914	256.240723	0.128187773	1.685849e−01	0.1742460730	0.062620043	0.2272634018	0.0151482151	0.075185531	4.252992e−01	RBM4B
ENSG00000173930	52.147075	0.077836250	5.213455e−01	0.1970819285	0.103258611	0.2081749508	0.0852336119	0.236185845	4.979206e−02	SLCO4C1
ENSG00000173933	496.805395	−0.064014681	3.689857e−01	−0.0951837956	0.185495868	−0.0932139438	0.1950398853	−0.197772386	6.603988e−03	RBM4
ENSG00000174032	1142.280540	−0.140932288	1.128519e−01	−0.1068819808	0.232046789	0.0494996988	0.5797762203	−0.193242374	3.204221e−02	SLC25A30
ENSG00000174106	1469.491220	−0.043038817	4.355575e−01	−0.1442436063	0.009784923	−0.0630585208	0.2585280175	−0.038164558	4.992635e−01	LEMD3
ENSG00000174165	1009.949976	−0.047479290	4.084303e−01	−0.0137343939	0.812779528	−0.1700748816	0.0034520785	0.014843877	8.003618e−01	ZDHHC24
ENSG00000174171	11.817342	0.240206985	2.356896e−02	0.1418230845	0.179528437	0.2165130327	0.0405315009	0.147022056	1.623622e−01	AC020659.1
ENSG00000174175	14.514926	−0.243336062	1.921084e−02	−0.3093189172	0.002821677	−0.2524961634	0.0147889400	−0.254524029	1.365268e−02	SELP
ENSG00000174225	3.731349	0.122462842	2.216945e−01	0.0574879783	0.564178924	−0.0138251787	0.8893036297	0.207754686	3.751067e−02	ARL13A
ENSG00000174231	14155.325014	0.036299031	3.902501e−01	−0.0197539339	0.643980550	0.0301611125	0.4804180012	0.120500068	5.427800e−03	PRPF8
ENSG00000174238	4209.532055	0.136144484	2.411510e−02	0.0342200930	0.574733943	0.0949239704	0.1195817546	0.077622757	2.084865e−01	PITPNA
ENSG00000174243	1839.282191	0.095380881	4.476298e−02	0.0678441911	0.158098931	0.1603894996	0.0008406668	0.151184154	1.900388e−03	DDX23
ENSG00000174282	1887.098917	−0.054464231	4.990362e−01	−0.0201172494	0.804230709	−0.0932022970	0.2509664514	−0.216642845	8.202743e−03	ZBTB4
ENSG00000174292	21.563980	0.366118630	5.424844e−03	0.2499182064	0.056739384	0.4363608283	0.0008816256	0.470649890	3.166941e−04	TNK1
ENSG00000174307	17.438677	0.161085563	1.882815e−01	−0.0175658041	0.885274537	0.0960556677	0.4304168220	0.262040779	3.104468e−02	PHLDA3
ENSG00000174327	77.876102	0.176396796	1.392965e−01	0.1116720664	0.349887655	0.2020174946	0.0906292011	0.409257949	5.990932e−04	SLC16A13
ENSG00000174371	19.789503	0.262006683	3.184754e−02	0.1838349270	0.130512244	−0.0067911494	0.9553777070	0.117406540	3.314178e−01	EXO1
ENSG00000174444	65894.878457	−0.200980611	1.678266e−05	−0.0970268738	0.039905779	−0.1246775269	0.0082853981	−0.213939188	7.860291e−06	RPL4
ENSG00000174485	1988.408406	0.240498216	6.380515e−03	0.0602355512	0.497376276	0.0423933785	0.6329694400	−0.032625985	7.153828e−01	DENND4A
ENSG00000174500	71.372283	0.034421101	7.856635e−01	0.1931379285	0.126272215	0.2851405866	0.0239468761	0.190561056	1.309295e−01	GCSAM
ENSG00000174527	3.442354	0.073440424	4.179716e−01	−0.0013852620	0.987753383	0.0853742392	0.3448330864	0.208335569	2.141230e−02	MYO1H
ENSG00000174547	1429.540671	−0.155935542	2.647322e−04	−0.0689289053	0.110308752	−0.1419227184	0.0010373313	−0.093278224	3.318702e−02	MRPL11
ENSG00000174600	72.669549	−0.103283058	4.118665e−01	0.1282082657	0.306748508	0.2175013301	0.0829628050	0.342737923	6.057614e−03	CMKLR1
ENSG00000174611	1.243560	0.138672337	3.138949e−02	0.0484308839	0.450385525	0.1101185381	0.0864280041	0.054641847	3.932613e−01	KY
ENSG00000174669	82.083022	0.324549859	5.631648e−03	0.0982688390	0.403229175	0.1441009931	0.2202713482	−0.010345336	9.302062e−01	SLC29A2
ENSG00000174672	2.388884	0.121242107	1.824143e−01	0.1855871635	0.041489637	0.0579486420	0.5215926859	0.052913987	5.570967e−01	BRSK2
ENSG00000174695	2780.559996	−0.041369419	5.311336e−01	0.0868943656	0.192248320	0.0592425237	0.3741159631	0.146420503	2.978564e−02	TMEM167A
ENSG00000174721	69.526859	0.109304196	3.674674e−01	0.1101067391	0.364149380	0.0622276951	0.6083887751	0.258140817	3.311084e−02	FGFBP3
ENSG00000174748	35459.440271	−0.171895390	2.175206e−04	−0.0879583837	0.061326361	−0.1071290205	0.0226753616	−0.152348051	1.389752e−03	RPL15
ENSG00000174775	381.920125	0.104742897	1.974065e−01	0.0628325497	0.442728832	0.0644468446	0.4313546661	0.200842321	1.494272e−02	HRAS
ENSG00000174791	437.176400	0.307555703	6.063393e−03	0.1495230525	0.183309967	0.0424757416	0.7055728353	0.305786303	6.625781e−03	RIN1
ENSG00000174796	125.947907	0.260344977	1.536104e−02	0.1596948983	0.138821975	0.0873857774	0.4187224630	0.206411398	5.651956e−02	THAP6
ENSG00000174842	193.779040	0.252256987	2.671884e−03	0.1419292023	0.094144979	0.2977620899	0.0004280496	0.199764975	1.936735e−02	GLMN
ENSG00000174844	3.416061	0.067319798	4.958650e−01	0.1367775942	0.166635594	0.0402615645	0.6825242095	0.230344487	1.960818e−02	DNAH12
ENSG00000174885	81.894421	0.094295668	4.664213e−01	0.1608546703	0.212412332	0.1878063529	0.1454159226	0.282323469	2.789954e−02	NLRP6
ENSG00000174928	83.074207	−0.079798545	4.734676e−01	−0.0120971553	0.913583189	−0.0841091652	0.4514278816	−0.265099213	1.813208e−02	C3orf33
ENSG00000174946	109.221819	−0.031546503	8.106455e−01	0.3171209078	0.015674671	0.2057054068	0.1169937358	0.184396924	1.582147e−01	GPR171
ENSG00000174950	5.069588	−0.144426652	1.877846e−02	−0.1500930094	0.014482147	−0.1688930957	0.0059068052	−0.139248594	2.314629e−02	CD164L2
ENSG00000174953	1840.518660	0.142109555	1.359483e−02	0.0693302886	0.233591767	0.1279773872	0.0278715240	0.046089730	4.342790e−01	DHX36
ENSG00000174977	517.754448	−0.137354267	2.895969e−02	0.0102370954	0.871476174	−0.1027538377	0.1055805397	−0.045560300	4.773346e−01	AC026271.1
ENSG00000174989	500.941472	−0.035220510	6.235327e−01	−0.1135419153	0.117025068	−0.1691620380	0.0197295860	−0.026234902	7.198125e−01	FBXW8
ENSG00000174996	347.767440	−0.105062206	1.857557e−01	−0.2126250926	0.008003211	0.0070521034	0.9296883712	−0.118088248	1.435494e−01	KLC2
ENSG00000175003	1.471694	0.017375722	8.018414e−01	0.0461334281	0.505260436	0.0609890847	0.3779443326	0.250557898	3.228459e−04	SLC22A1
ENSG00000175040	3468.085629	−0.190242299	7.395797e−02	−0.0436156257	0.683001349	−0.3020373938	0.0046914524	−0.281606415	8.648288e−03	CHST2
ENSG00000175048	211.158333	−0.129344112	2.977525e−01	−0.1666646272	0.179518520	−0.1233283175	0.3205938436	−0.327490714	8.348857e−03	ZDHHC14
ENSG00000175054	1673.680848	0.158318111	7.786506e−03	0.1270960256	0.034452590	0.1539772143	0.0104145020	0.040851129	5.022267e−01	ATR
ENSG00000175061	7600.339484	−0.233640359	8.358334e−05	−0.1057492757	0.077871469	−0.1237756843	0.0390632911	−0.224893651	2.125764e−04	LRRC75A−AS1
ENSG00000175066	520.103384	0.125282084	1.055492e−01	0.0251178215	0.747858799	0.1818038668	0.0197973493	0.051256804	5.154446e−01	GK5
ENSG00000175105	676.158457	0.165649290	3.550169e−02	0.0434323199	0.584636661	0.0376099522	0.6361083569	0.149059342	6.296571e−02	ZNF654
ENSG00000175106	77.293113	−0.205609361	6.977951e−02	−0.0812735685	0.473086759	−0.1841535111	0.1048496356	−0.271726171	1.719280e−02	TVP23C
ENSG00000175110	877.004309	0.031172207	5.723836e−01	−0.0077350755	0.889754094	−0.0199119937	0.7214748520	0.124374782	2.753826e−02	MRPS22
ENSG00000175130	2561.970778	0.061927739	5.942910e−01	−0.0682454637	0.557782621	0.0089248275	0.9388990361	−0.302239453	9.561509e−03	MARCKSL1
ENSG00000175193	1896.311997	−0.110153698	3.065813e−02	−0.0018331317	0.971585738	−0.0265671262	0.6059323542	−0.059007700	2.579862e−01	PARL
ENSG00000175197	788.327999	0.456664168	4.590754e−04	0.2105520037	0.105481534	−0.0042518688	0.9739227137	0.022174995	8.642606e−01	DDIT3
ENSG00000175198	592.718614	−0.151219914	4.964524e−02	−0.0150746936	0.845869096	−0.1558568961	0.0448848397	−0.147138820	6.045220e−02	PCCA
ENSG00000175203	2925.503873	−0.117042588	1.230527e−03	−0.0694311723	0.057999526	−0.0850709407	0.0202938028	−0.046980886	2.060393e−01	DCTN2
ENSG00000175215	10015.772634	−0.149578817	1.072953e−02	−0.1186552431	0.045106754	0.0166541015	0.7785071665	−0.030735661	6.081253e−01	CTDSP2
ENSG00000175216	1738.489965	0.060695661	3.182141e−01	0.1660141534	0.006818432	0.1121028181	0.0678847867	0.143090150	2.125178e−02	CKAP5
ENSG00000175220	3414.748630	−0.016539261	7.813485e−01	−0.1265168723	0.035616520	−0.0254247337	0.6727500019	0.121432731	4.612964e−02	ARHGAP1
ENSG00000175265	957.946163	0.186276828	1.573199e−01	0.2832565182	0.031035324	0.0676539898	0.6064908536	−0.002767990	9.831250e−01	GOLGA8A
ENSG00000175287	49.320950	−0.357061586	5.048735e−03	−0.1162458364	0.359835182	−0.2504998682	0.0487787095	−0.058687980	6.431135e−01	PHYHD1
ENSG00000175309	3101.378682	0.118651321	4.835266e−02	0.1100003401	0.069955000	0.0606180502	0.3181424805	0.092595773	1.318189e−01	PHYKPL
ENSG00000175324	477.461847	−0.013970330	8.012343e−01	0.1298108130	0.020027492	0.0385994657	0.4910314122	0.039482129	4.859821e−01	LSM1
ENSG00000175348	2885.397549	−0.082433490	5.551167e−02	−0.0172831781	0.691287367	−0.0584190849	0.1798537750	−0.110178784	1.261154e−02	TMEM9B
ENSG00000175352	73.305183	0.248457461	4.051054e−02	0.2839680055	0.018774850	−0.1098900681	0.3627148681	0.035444737	7.680956e−01	NRIP3
ENSG00000175356	15.839725	0.353352905	6.946326e−03	0.1136405028	0.383271485	0.0720158861	0.5804266810	−0.052830103	6.833722e−01	SCUBE2
ENSG00000175390	8520.585125	−0.057039422	2.843205e−01	−0.0004395016	0.993486598	−0.0793706369	0.1405099436	−0.107974200	4.777219e−02	EIF3F
ENSG00000175414	127.134117	0.104060129	4.115019e−01	0.1358074811	0.283247557	0.3482806290	0.0058994827	0.012374043	9.220349e−01	ARL10
ENSG00000175416	2316.313133	−0.079874149	1.391273e−01	−0.0718634150	0.187910197	−0.1250019679	0.0220857090	−0.112399193	4.206798e−02	CLTB
ENSG00000175455	1169.599989	0.124376221	9.291134e−02	0.1209667814	0.105098873	0.2479396994	0.0008891459	−0.068232893	3.660774e−01	CCDC14
ENSG00000175467	3335.271302	0.014991889	7.643306e−01	−0.0688348788	0.173492282	−0.1116504954	0.0273479735	0.012593806	8.058380e−01	SART1
ENSG00000175505	84.145084	0.086953466	5.096202e−01	−0.1084809172	0.409205523	−0.2508932121	0.0562973906	−0.345719226	8.274053e−03	CLCF1
ENSG00000175513	62.070129	−0.050638917	6.965200e−01	−0.1571143294	0.225463779	−0.0831406479	0.5211991876	−0.338969307	8.773911e−03	TSGA10IP
ENSG00000175514	1.052363	0.048370714	4.533176e−01	0.1486797483	0.021650325	0.0025375701	0.9684523318	0.015356163	8.111077e−01	GPR152
ENSG00000175518	7.267669	0.091572800	3.786830e−01	0.1457333006	0.160465265	0.1678973051	0.1057830398	0.208217170	4.423040e−02	UBQLNL
ENSG00000175538	596.351140	0.042589574	6.707922e−01	0.0795152728	0.429362362	0.0388635219	0.6994096957	0.273947762	6.727262e−03	KCNE3
ENSG00000175544	5.069277	0.158957042	1.577435e−01	0.2957565784	0.008599239	−0.0767394725	0.4904525784	0.035834128	7.474021e−01	CABP4
ENSG00000175550	3205.442627	−0.021759999	7.248759e−01	−0.0600010304	0.336546007	−0.1316411604	0.0350713057	−0.008214227	8.965570e−01	DRAP1
ENSG00000175556	62.226456	0.327359724	1.130164e−02	0.2676062810	0.037631435	0.0480974337	0.7085441909	0.105149178	4.116463e−01	LONRF3
ENSG00000175575	307.819651	−0.176002478	4.964625e−02	0.0130405732	0.884776849	0.0987952542	0.2719711910	0.030643024	7.352061e−01	PAAF1
ENSG00000175582	2810.812256	0.023805664	6.117346e−01	0.0457236289	0.334888567	0.0584077138	0.2181191466	0.098289037	4.077687e−02	RAB6A
ENSG00000175592	261.686875	0.435841428	7.406591e−04	0.1713122488	0.184076915	−0.1756646835	0.1733533964	0.021222020	8.690314e−01	FOSL1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000175602	1.595384e+03	−0.003354010	0.9712134265	−0.126523494	0.175935488	−0.2307063182	1.362704e−02	−0.1027978401	2.747702e−01	CCDC85B
ENSG00000175691	1.356964e+02	−0.199540192	0.0620538607	−0.086507204	0.418954357	−0.1847209872	8.495931e−02	−0.2244498309	3.730815e−02	ZNF77
ENSG00000175711	6.838534e+02	0.218765905	0.0122972009	0.135094618	0.124767847	0.1789995272	4.195094e−02	0.0795591139	3.697821e−01	B3GNTL1
ENSG00000175746	2.017965e+00	−0.161839243	0.0004743711	−0.143048060	0.002003058	−0.1400451498	2.474182e−03	−0.1383468355	2.781695e−03	C15orf54
ENSG00000175756	1.872050e+03	−0.032694341	0.5737247261	−0.099907032	0.088905126	−0.1961357004	8.493008e−04	−0.0568681017	3.388203e−01	AURKAIP1
ENSG00000175773	4.627762e+00	−0.041420797	0.7034021732	0.281242223	0.010205419	0.0683977361	5.292625e−01	0.0509364295	6.381152e−01	AP002986.1
ENSG00000175782	3.164223e+02	−0.192339538	0.0427755673	−0.079003863	0.407201653	−0.0604814805	5.258381e−01	−0.0104737173	9.130054e−01	SLC35E3
ENSG00000175792	7.332339e+02	−0.137639089	0.0149584622	−0.055029245	0.334666802	−0.0938536513	1.004423e−01	0.0303516540	5.986739e−01	RUVBL1
ENSG00000175793	2.092889e+01	0.101490191	0.4404284981	−0.127542534	0.330370957	0.1045665361	4.250795e−01	−0.4090625843	1.695183e−03	SFN
ENSG00000175806	1.037755e+03	−0.120506782	0.0338170319	−0.020544613	0.719788218	−0.0724945567	2.061512e−01	−0.0612713517	2.912171e−01	MSRA
ENSG00000175826	5.187369e+03	−0.086495192	0.0431347948	−0.052362253	0.226075678	−0.1038697363	1.639253e−02	−0.0523329213	2.328446e−01	CTDNEP1
ENSG00000175832	3.077177e+00	0.161698640	0.0888192213	0.117577689	0.213961646	0.1563131112	9.849422e−02	0.2309889497	1.475660e−02	ETV4
ENSG00000175854	1.596734e+02	−0.274136829	0.0014030075	−0.035852656	0.676063780	−0.1647275933	5.610044e−02	−0.1215002585	1.608451e−01	SWI5
ENSG00000175866	2.269522e+03	0.062251269	0.6269415012	−0.017475232	0.891317959	−0.0883012049	4.899393e−01	−0.3396475047	7.805052e−03	BAIAP2
ENSG00000175894	7.596985e−01	0.039019530	0.2963052968	0.074431299	0.046472591	−0.0031360525	9.329605e−01	0.0071017303	8.490059e−01	TSPEAR
ENSG00000175899	4.262716e+02	−0.066515560	0.6114238108	−0.119104159	0.361817178	−0.0891019892	4.951140e−01	−0.3059619355	1.879036e−02	A2M
ENSG00000175928	7.858185e+00	0.335634530	0.0048243335	0.082279712	0.486134167	0.0834669177	4.795484e−01	−0.1423496018	2.239262e−01	LRRN1
ENSG00000175931	1.253613e+03	0.118821695	0.0494251289	0.008212062	0.893127255	0.0520485101	3.944677e−01	0.1350095329	2.895266e−02	UBE2O
ENSG00000175938	4.930389e+02	−0.083846261	0.2322934920	0.021893335	0.756722847	−0.0027323676	9.691944e−01	0.1423772191	4.582124e−02	ORAI3
ENSG00000176101	1.716731e+03	−0.141359866	0.0044333786	−0.142418285	0.004572313	−0.1302467509	9.528272e−03	−0.1199860367	1.836958e−02	SSNA1
ENSG00000176170	2.083866e+02	0.470696565	0.0003536036	0.208179468	0.112888500	−0.0177649019	8.923823e−01	0.2407032456	6.566052e−02	SPHK1
ENSG00000176209	6.752825e+02	−0.155462831	0.0076691365	0.058799913	0.316227780	−0.0042136767	9.428645e−01	−0.0009520383	9.872102e−01	SMIM19
ENSG00000176320	2.226912e+01	0.214220288	0.0861555080	0.242533713	0.051185111	0.0834126465	5.019169e−01	0.3177638348	1.027980e−02	AL138899.1
ENSG00000176343	1.499707e+01	−0.395627414	0.0026917612	−0.243312852	0.064133038	−0.2331805863	7.603343e−02	−0.2494448666	5.667616e−02	RPL37AP8
ENSG00000176371	1.551956e+02	−0.210706501	0.0152564997	−0.204706039	0.019180642	−0.2207213315	1.170044e−02	−0.1960958396	2.590600e−02	ZSCAN2
ENSG00000176386	8.776718e+01	0.076740962	0.4722678368	0.221685450	0.037939330	0.2508072554	1.889257e−02	0.2329870809	2.961891e−02	CDC26
ENSG00000176396	5.109952e+02	0.060165373	0.3004224084	−0.054999285	0.350456755	−0.0118489795	8.405606e−01	−0.1245054303	3.697264e−02	EID2
ENSG00000176490	2.567914e+01	−0.124472134	0.3135786166	−0.032328167	0.792871417	−0.2584183365	3.553319e−02	−0.0653808495	5.935202e−01	DIRAS1
ENSG00000176532	1.528379e+00	0.077413618	0.2353037117	0.156815172	0.016374617	0.1027863253	1.144620e−01	0.1094665639	9.284954e−02	PRR15
ENSG00000176533	1.157869e+03	−0.119851331	0.1640871292	0.085005734	0.326570058	−0.0945358425	2.756735e−01	−0.1908661575	2.901947e−02	GNG7
ENSG00000176563	7.114015e+01	0.082877945	0.4399990492	0.063979725	0.552356195	0.2424230642	2.383408e−02	0.3270360064	2.338472e−03	CNTD1
ENSG00000176593	9.157388e+01	0.300490927	0.0225513228	0.295842334	0.024308442	0.1109540406	3.983345e−01	0.1605348933	2.199737e−01	AC008969.1
ENSG00000176623	1.364548e+03	−0.153466924	0.0005371598	−0.057745791	0.197091479	−0.0579573497	1.957973e−01	−0.2147966393	2.367690e−06	RMDN1
ENSG00000176624	2.547971e+03	−0.124678334	0.0438977276	−0.075258667	0.228249810	−0.1289127646	3.911625e−02	−0.1803884658	4.340908e−03	MEX3C
ENSG00000176659	3.072588e+02	−0.253550796	0.0208239291	−0.090834880	0.408537684	−0.1047317591	3.407731e−01	−0.1210772677	2.721555e−01	C20orf197
ENSG00000176720	5.868333e+00	0.105340204	0.3211464732	0.045685452	0.665555936	0.2196623983	3.824303e−02	0.0871173700	4.085859e−01	BOK
ENSG00000176731	7.029409e+02	−0.110602735	0.0318255324	0.002344672	0.963981933	−0.0103317792	8.424891e−01	−0.0557094237	2.903102e−01	C8orf59
ENSG00000176771	5.883277e+02	−0.106240323	0.4177434312	−0.092131991	0.481119862	0.0069520973	9.576037e−01	−0.2746483856	3.514163e−02	NCKAP5
ENSG00000176783	2.620011e+03	−0.022055859	0.6706640701	−0.070026163	0.181788702	−0.1285924839	1.427555e−02	−0.0408841807	4.415431e−01	RUFY1
ENSG00000176834	1.715485e+02	−0.078550665	0.4744995328	−0.258190775	0.019277126	−0.1670536217	1.297983e−01	−0.0021059061	9.847778e−01	VSIG10
ENSG00000176853	3.016050e+03	0.133814543	0.0153604070	0.094501187	0.090354509	0.1370555601	1.404255e−02	0.0871312779	1.231140e−01	FAM91A1
ENSG00000176871	1.845793e+03	−0.004625506	0.9447003690	−0.069400186	0.302534263	0.0031880218	9.622183e−01	0.1389024442	4.114340e−02	WSB2
ENSG00000176896	8.339579e+01	0.168606548	0.1751906034	0.136416734	0.272558992	0.2455817588	4.814490e−02	0.1173420507	3.450549e−01	TCEANC
ENSG00000176946	1.017925e+03	−0.058955771	0.3069385105	−0.101299796	0.082390606	−0.2201701291	1.656253e−04	−0.0277384245	6.382671e−01	THAP4
ENSG00000176973	8.317172e+02	−0.080545937	0.2494350175	−0.178253641	0.011609589	−0.1065672869	1.312078e−01	−0.0473674360	5.063912e−01	FAM89B
ENSG00000176986	1.932367e+03	0.133511963	0.0284089149	0.073882685	0.229996000	0.1701165677	5.694117e−03	0.1843608469	3.055377e−03	SEC24C
ENSG00000176994	5.575302e+03	−0.049768937	0.4010952611	−0.095899448	0.109235242	−0.1431271486	1.685369e−02	−0.1107624516	6.764585e−02	SMCR8
ENSG00000177025	7.686505e+00	−0.234551885	0.0539095683	−0.287932664	0.017434493	−0.3902484988	1.231257e−03	−0.3026194721	1.205197e−02	C19orf18
ENSG00000177030	1.157896e+03	−0.093441272	0.0783848024	−0.093362277	0.081809568	−0.1450842799	6.922184e−03	−0.1036943867	5.646991e−02	DEAF1
ENSG00000177034	5.169672e+02	−0.066067572	0.4397145600	−0.090357912	0.294043279	0.0436180510	6.121882e−01	−0.2107184933	1.530206e−02	MTX3
ENSG00000177045	1.666945e+00	0.138163224	0.0338134101	0.104579076	0.107311064	0.0080875747	9.004548e−01	0.0469652746	4.684140e−01	SIX5
ENSG00000177051	4.438631e+02	0.095947435	0.2312043262	0.026058536	0.747072127	0.0570797390	4.799757e−01	0.1908597434	1.903043e−02	FBXO46
ENSG00000177054	3.156563e+02	0.084007028	0.2482901731	0.074942814	0.306789372	0.1972995790	7.018938e−03	0.2216240422	2.725374e−03	ZDHHC13
ENSG00000177058	3.730939e+02	0.035984904	0.6417835709	0.052761567	0.498376660	0.1648062754	3.422566e−02	−0.0157077977	8.419710e−01	SLC38A9
ENSG00000177084	1.043229e+03	0.137083904	0.0139962485	0.001348584	0.980943543	0.0471279555	4.038289e−01	−0.0281420135	6.229193e−01	POLE
ENSG00000177191	3.284480e+01	0.041607117	0.7518628823	0.001903773	0.988417372	0.0209185265	8.732601e−01	0.2799764199	3.207428e−02	B3GNT8
ENSG00000177200	2.951371e+03	0.004415977	0.9412316974	−0.029250570	0.628794381	−0.0006241901	9.917696e−01	−0.1579445407	9.958469e−03	CHD9
ENSG00000177225	1.470129e+03	−0.137385162	0.0572389167	−0.126501713	0.082521969	−0.1456755626	4.563544e−02	−0.1189723219	1.061284e−01	GATD1
ENSG00000177272	2.745391e+02	−0.065983374	0.5482313254	−0.217344857	0.048735164	−0.0190619440	8.626330e−01	0.0408097692	7.118323e−01	KCNA3
ENSG00000177302	1.833865e+03	0.150206743	0.0247190632	0.037939577	0.574304374	0.0253517138	7.074790e−01	0.0337728038	6.209639e−01	TOP3A
ENSG00000177337	1.073467e+01	0.360292383	0.0034079539	0.154269709	0.207020212	0.2452874703	4.497770e−02	0.1606068703	1.867569e−01	DLGAP1−AS1
ENSG00000177406	2.100542e+02	−0.198018751	0.0435985534	−0.060715390	0.537117038	−0.0916179845	3.521448e−01	−0.1416997145	1.527590e−01	AC021054.1
ENSG00000177409	4.005957e+03	0.145419940	0.2624450722	0.128350982	0.321659261	0.1574373193	2.241215e−01	0.4156733252	1.292643e−03	SAMD9L
ENSG00000177410	2.489305e+03	−0.144416353	0.0358357305	0.001194600	0.986265389	−0.0670610645	3.340443e−01	−0.1679195583	1.674469e−02	ZFAS1
ENSG00000177425	3.698454e+01	0.126775273	0.3337766143	0.295963199	0.023599381	0.2550474265	5.106554e−02	0.3040016276	1.950571e−02	PAWR
ENSG00000177426	1.515783e+03	0.264104798	0.0168570024	0.114186793	0.302767101	−0.0291215160	7.927307e−01	−0.0535885655	6.297620e−01	TGIF1
ENSG00000177455	8.027933e+01	0.280032693	0.0201653416	0.273812125	0.022584696	0.1038199802	3.870439e−01	0.3055896092	1.056879e−02	CD19
ENSG00000177462	1.865410e+00	0.100765178	0.1658683252	0.115858180	0.110632836	0.0110785065	8.781132e−01	0.2055337886	4.745774e−03	OR2T8
ENSG00000177463	1.972854e+03	0.160641817	0.0038523950	0.172345350	0.002151592	0.2259448428	5.741428e−05	0.0800359216	1.596122e−01	NR2C2
ENSG00000177469	4.980093e+00	0.036162393	0.6236594729	0.155802902	0.034533024	0.0280195003	7.032091e−01	0.0802037044	2.749923e−01	CAVIN1
ENSG00000177479	3.208911e+03	−0.009825938	0.8120447394	−0.002076037	0.960391604	−0.0049328830	9.061040e−01	−0.0895541597	3.480614e−02	ARIH2
ENSG00000177494	9.046420e−01	0.028119554	0.6092128355	0.001088620	0.984174303	0.1563073721	4.600371e−03	0.1279978544	2.035728e−02	ZBED2
ENSG00000177565	2.584251e+03	−0.061947108	0.3286036340	0.111663298	0.080895102	0.1570599096	1.408016e−02	0.0146434249	8.210740e−01	TBL1XR1
ENSG00000177570	2.606944e+01	0.226573842	0.0717216154	0.080346877	0.521183698	0.3444917669	6.007322e−03	0.2072532247	9.650800e−02	SAMD12
ENSG00000177575	5.589442e+03	−0.014175058	0.9137439340	0.203877101	0.118368214	0.0033342635	9.796245e−01	0.3139228114	1.587138e−02	CD163
ENSG00000177600	2.966635e+04	−0.162900796	0.0016550680	−0.043057004	0.410676179	−0.0231117952	6.587792e−01	−0.1430539355	6.983433e−03	RPLP2
ENSG00000177614	1.975215e+00	−0.043534874	0.5034176238	−0.037483255	0.564236108	0.1321828554	4.274514e−02	0.0069343962	9.149967e−01	PGBD5
ENSG00000177628	8.119221e+02	0.116170237	0.1105896662	0.110774298	0.131404270	0.1023149273	1.636979e−01	0.1632527997	2.769729e−02	GBA
ENSG00000177694	2.085155e+00	0.037733098	0.6590336113	0.114045088	0.182623783	0.0584812880	4.925290e−01	0.2525409810	3.307046e−03	NAALADL2
ENSG00000177697	1.112806e+03	−0.146875412	0.2647717249	−0.272887959	0.037623204	−0.0833400884	5.254906e−01	−0.0432281978	7.408564e−01	CD151
ENSG00000177700	1.510219e+03	−0.081091946	0.1553962077	−0.032934154	0.567755486	−0.1160240922	4.439028e−02	−0.0330508880	5.711446e−01	POLR2L
ENSG00000177733	9.301042e+03	−0.099978979	0.0331958675	−0.117722346	0.013147796	−0.1556886035	1.042416e−03	−0.1826454095	1.479379e−04	HNRNPA0
ENSG00000177757	3.683629e+01	−0.140315071	0.2755740786	−0.141324875	0.271276189	−0.2573244794	4.542087e−02	−0.2304581558	7.242897e−02	FAM87B
ENSG00000177788	2.888816e+00	0.061658072	0.4885985029	0.190650040	0.032716378	0.0990378693	2.652374e−01	0.0746736386	3.991069e−01	AL162595.1
ENSG00000177807	7.103697e−01	0.012733150	0.7463908059	0.088650813	0.024614258	0.0167847981	6.695132e−01	0.0319663302	4.166383e−01	KCNJ10
ENSG00000177830	1.142034e+03	−0.056296291	0.2901294382	−0.022085992	0.681186127	−0.1204407234	2.537579e−02	−0.0321514453	5.549602e−01	CHID1
ENSG00000177853	1.729155e+03	0.105655740	0.0656309971	0.103322897	0.074745019	0.1474140433	1.100423e−02	0.0450377766	4.432092e−01	ZNF518A
ENSG00000177879	1.536238e+03	−0.153112584	0.0063846863	−0.071163345	0.209290731	−0.0454574038	4.226216e−01	−0.0279147606	6.265049e−01	AP3S1
ENSG00000177885	1.595188e+04	−0.062765721	0.1549972257	−0.070543732	0.114066796	−0.1007288464	2.406779e−02	−0.0318456814	4.817066e−01	GRB2
ENSG00000177889	2.506292e+03	0.034764000	0.5339541165	0.066231204	0.240750531	0.0470488824	4.048194e−01	0.1359905557	1.735377e−02	UBE2N
ENSG00000177954	1.399567e+03	−0.175503102	0.0159938097	−0.070920210	0.334077497	−0.0682542114	3.526638e−01	−0.1703142589	2.176923e−02	RPS27
ENSG00000177963	2.826853e+03	0.111467957	0.1287767475	0.145857536	0.048695226	0.0616975914	4.045291e−01	0.1951085701	9.051912e−03	RIC8A
ENSG00000177989	4.832130e+03	0.222630400	0.0816644660	0.104783466	0.411871453	−0.0069773689	9.564235e−01	0.3880536990	2.331939e−03	ODF3B
ENSG00000178033	1.593669e+00	−0.138661914	0.0130022578	−0.122055770	0.028693140	−0.1115630554	4.538468e−02	−0.1408645273	1.149919e−02	FAM26E
ENSG00000178035	2.908073e+03	−0.143671863	0.0173632911	−0.014066010	0.817510840	−0.0130281983	8.307907e−01	−0.1660276825	7.165404e−03	IMPDH2
ENSG00000178053	9.283055e+00	0.262659137	0.0153315116	0.200677122	0.062995829	0.0605948691	5.735453e−01	0.0013575360	9.898878e−01	MLF1
ENSG00000178074	8.698134e+02	−0.060565914	0.3531194668	−0.060180778	0.360778402	−0.1141519518	8.336086e−02	−0.2691603778	5.526453e−05	C2orf69
ENSG00000178075	2.822120e+01	0.034262634	0.7909644243	0.028160531	0.826894950	0.2898968785	2.449106e−02	0.1292671038	3.133636e−01	GRAMD1C
ENSG00000178104	9.150102e+02	0.053930864	0.5844311229	0.071347776	0.471391546	0.2506545797	1.136587e−02	0.0018543871	9.851523e−01	PDE4DIP
ENSG00000178199	5.652847e+02	0.156740692	0.0806295405	0.172400372	0.056129719	0.1225698092	1.747511e−01	0.1809399469	4.657281e−02	ZC3H12D
ENSG00000178201	8.457295e+00	0.029210157	0.8047412271	0.264575162	0.025180633	0.0707944896	5.476172e−01	0.1164756816	3.210348e−01	VN1R1
ENSG00000178202	5.081620e+02	0.128079157	0.1712656699	0.162261268	0.084611177	0.1462359642	1.202720e−01	0.3525750364	1.950591e−04	KDELC2
ENSG00000178217	9.113886e−01	0.132523376	0.0333150060	0.033857846	0.584093746	0.0258369667	6.753608e−01	0.1267649873	4.143708e−02	SH2D4B
ENSG00000178234	9.081648e+02	−0.121157769	0.0272818421	−0.095459284	0.084962730	−0.0895127075	1.064629e−01	−0.0134982209	8.097817e−01	GALNT11
ENSG00000178252	3.437176e+03	0.043268041	0.5300492748	0.051109836	0.462253275	0.1438329923	3.853540e−02	0.0238197251	7.346992e−01	WDR6

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000178295	3.275627e+02	0.272076210	0.0245646505	0.232212102	0.0551173658	0.317102252	0.0088093883	0.064425778	5.949038e−01	GEN1
ENSG00000178297	3.643709e+01	0.298221581	0.0223244022	0.322624470	0.0132214952	0.350459180	0.0071156418	0.023239460	8.581352e−01	TMPRSS9
ENSG00000178342	8.036828e+00	0.150277841	0.1870489039	0.162829883	0.1514970654	0.131968709	0.2444701971	0.267145674	1.830994e−02	KCNG2
ENSG00000178385	4.983708e+02	−0.231978079	0.0146122473	−0.203331821	0.0332016315	−0.093127480	0.3291475381	−0.303300595	1.609314e−03	PLEKHM3
ENSG00000178409	1.130162e+02	0.232088998	0.0416641232	0.052222302	0.6479720718	−0.036477501	0.7501439724	0.045197547	6.933234e−01	BEND3
ENSG00000178429	4.386916e+02	−0.261639908	0.0005470340	−0.118345873	0.1200489069	−0.134885523	0.0766842065	−0.202145822	8.637465e−03	RPS3AP5
ENSG00000178445	4.136168e+00	0.082423654	0.2995975523	0.025386308	0.7486290761	0.181394828	0.0223397049	0.230557496	3.668593e−03	GLDC
ENSG00000178464	1.833208e+04	−0.199820137	0.0011164304	−0.133555835	0.0309749924	−0.125824392	0.0421070942	−0.199305387	1.467782e−03	RPL10P16
ENSG00000178498	8.176140e+01	0.294284136	0.0170697858	0.114406396	0.3542997025	0.321782326	0.0090928914	0.191819927	1.201075e−01	DTX3
ENSG00000178538	1.564422e+00	0.029887959	0.6742695212	0.097361744	0.1718462385	0.176703288	0.0132940148	0.034641126	6.248950e−01	CA8
ENSG00000178567	1.302049e+03	−0.015294571	0.8038504493	−0.020442376	0.7423960850	−0.035678997	0.5663952109	−0.126104232	4.527749e−02	EPM2AIP1
ENSG00000178573	8.747975e+01	0.377620533	0.0041841551	0.253403948	0.0538569776	0.175394331	0.1820475290	0.213115097	1.035111e−01	MAF
ENSG00000178585	2.344604e+03	−0.111189029	0.0288384167	−0.101148824	0.0492005292	−0.153897478	0.0027880085	−0.128820401	1.343203e−02	CTNNBIP1
ENSG00000178665	1.008456e+02	−0.066547015	0.5033281070	−0.172353056	0.0854004968	0.138515740	0.1638438680	−0.202171537	4.473380e−02	ZNF713
ENSG00000178695	2.133132e+04	0.014682380	0.8258105630	−0.036057426	0.5922901982	−0.002012160	0.9761593678	0.257313544	1.572854e−04	KCTD12
ENSG00000178700	3.734003e+01	0.095332587	0.4612118055	0.118154905	0.3601067750	0.265086620	0.0399113757	0.324591276	1.165201e−02	DHFR2
ENSG00000178741	3.860429e+03	−0.142967187	0.0002436743	−0.023361825	0.5530907787	−0.092519261	0.0189441564	−0.075863931	5.770898e−02	COX5A
ENSG00000178789	3.571146e+03	0.010197942	0.9211067554	0.076953431	0.4565789248	−0.247049623	0.0168699744	−0.052060909	6.162309e−01	CD300LB
ENSG00000178803	3.785572e+01	−0.038654799	0.7607788664	0.030681716	0.8083801381	−0.314376884	0.0128336767	−0.273149428	2.985002e−02	ADORA2A−AS1
ENSG00000178814	1.173279e+02	−0.151903515	0.1924108425	−0.175905479	0.1317315972	−0.259384168	0.0264117156	−0.511557893	1.280697e−05	OPLAH
ENSG00000178826	2.073200e+00	0.015052636	0.8321458424	−0.009561612	0.8926830283	0.142551852	0.0450104528	0.004626972	9.478707e−01	TMEM139
ENSG00000178965	3.020432e+00	0.126500763	0.1426938614	0.196555124	0.0228155936	0.194308610	0.0242426284	0.181984185	3.430911e−02	ERICH3
ENSG00000178966	2.527746e+02	0.136196730	0.1088609841	0.310754576	0.0002654179	0.322063847	0.0001582992	0.345984354	5.648282e−05	RMI1
ENSG00000178974	1.079880e+03	0.207228751	0.0351670285	0.061107270	0.5365492407	0.021572758	0.8273185073	−0.015058648	8.796678e−01	FBXO34
ENSG00000178977	1.701903e+02	0.067076821	0.5391686836	0.209297047	0.0556797330	0.224600023	0.0400751644	0.169330376	1.230000e−01	LINC00324
ENSG00000178982	8.972935e+03	−0.118083474	0.0042735620	−0.060606393	0.1471066942	−0.095978389	0.0217106100	−0.093485177	2.747363e−02	EIF3K
ENSG00000179029	1.862757e+02	−0.191454634	0.0493219182	−0.017004046	0.8616473815	−0.134610990	0.1687263017	−0.162003119	9.971054e−02	TMEM107
ENSG00000179044	4.026749e+01	0.081367038	0.5329777819	0.012533510	0.9232187544	0.006593011	0.9595612026	0.306659641	1.786022e−02	EXOC3L1
ENSG00000179051	1.287046e+04	0.193887850	0.0125053245	0.053200526	0.4965589712	0.021292450	0.7855359606	0.071227086	3.672612e−01	RCC2
ENSG00000179085	3.602557e+02	−0.160925897	0.0395980033	−0.036337266	0.6440544237	−0.187455520	0.0175330023	−0.017060530	8.297266e−01	DPM3
ENSG00000179091	4.441743e+03	−0.072988503	0.0829676030	−0.067550147	0.1127112056	−0.105805808	0.0130260886	−0.043023486	3.190832e−01	CYC1
ENSG00000179097	1.223344e+00	0.037453332	0.5025105139	0.077584892	0.1649326433	−0.013999630	0.8013109115	0.129628898	2.046122e−02	HTR1F
ENSG00000179115	1.217802e+03	0.056736598	0.4972894466	0.143920666	0.0871542703	0.122190614	0.1465135415	0.258424188	2.318445e−03	FARSA
ENSG00000179144	1.110819e+02	0.070833798	0.5904930325	0.031505818	0.8102110889	0.184045415	0.1606681019	0.320479114	1.415684e−02	GIMAP7
ENSG00000179151	6.134805e+02	0.015705247	0.7951171657	0.067052902	0.2717479858	0.130311993	0.0326025119	0.113635266	6.548034e−02	EDC3
ENSG00000179163	4.841293e+02	−0.262663768	0.0370452576	−0.011972165	0.9241961274	−0.065323423	0.6036808666	0.034825903	7.816912e−01	FUCA1
ENSG00000179168	1.560999e+01	0.281234444	0.0323773043	−0.145012484	0.2672230392	0.007922670	0.9516941097	0.239673980	6.604374e−02	GGN
ENSG00000179218	1.368885e+04	0.173560649	0.0565472028	0.006802218	0.9407789870	0.007558085	0.9342132386	0.183650877	4.644214e−02	CALR
ENSG00000179241	3.471485e+02	0.148273768	0.2592658201	0.270643257	0.0387993681	0.142406899	0.2769136547	0.273864119	3.572206e−02	LDLRAD3
ENSG00000179344	7.806130e+04	0.054416352	0.6795318433	0.171218065	0.1921795382	0.329691483	0.0120307308	−0.059261396	6.503351e−01	HLA−DQB1
ENSG00000179387	3.606735e+02	−0.011519008	0.8815122173	0.111012928	0.1533641013	0.159356580	0.0403817535	0.111260121	1.559731e−01	ELMOD2
ENSG00000179388	2.077484e+03	0.038259582	0.7214281199	−0.097817297	0.3604413387	−0.246757870	0.0210522696	−0.274814208	9.886321e−03	EGR3
ENSG00000179409	7.921368e+02	−0.022357437	0.8070390197	−0.046754991	0.6115590354	−0.094989247	0.3023797928	−0.186242368	4.477296e−02	GEMIN4
ENSG00000179412	2.818584e+00	0.064872054	0.5422585927	0.071038075	0.5034822122	0.205868346	0.0535829124	0.266728580	1.239996e−02	HNRNPCL4
ENSG00000179431	9.118972e+00	0.295060846	0.0059781635	0.235710250	0.0274975210	0.027488226	0.7964045296	−0.014568030	8.907622e−01	FJX1
ENSG00000179456	2.961233e+03	−0.128718293	0.0815745592	−0.125020572	0.0934282349	−0.067038223	0.3683375498	−0.187553772	1.274200e−02	ZBTB18
ENSG00000179523	9.828392e+01	−0.150582385	0.1397378652	−0.027512193	0.7875194400	−0.244274318	0.0174176940	0.006651336	9.482512e−01	EIF3J−AS1
ENSG00000179526	1.348288e+03	−0.075082347	0.1791523862	−0.113787538	0.0439769547	−0.169699103	0.0026938652	−0.087143379	1.276537e−01	SHARPIN
ENSG00000179528	5.080463e+00	0.191283038	0.0693854202	−0.013097519	0.9002556587	0.230590684	0.0281545090	0.171130599	1.015893e−01	LBX2
ENSG00000179564	1.961175e+00	0.059472975	0.4421434785	0.030497390	0.6927291128	0.158860545	0.0402083132	−0.001721106	9.821467e−01	LSMEM2
ENSG00000179593	8.023631e+01	−0.081153093	0.5014979417	0.203254815	0.0912360957	0.083949329	0.4853233493	0.266366760	2.618586e−02	ALOX15B
ENSG00000179632	4.815901e+03	−0.051208396	0.2236658878	−0.032316621	0.4477264054	−0.127858771	0.0026889989	−0.116937997	6.784150e−03	MAF1
ENSG00000179698	9.933431e+01	0.279369493	0.0278577074	0.205308691	0.1057257871	0.114199140	0.3684589420	0.083490600	5.102101e−01	WDR97
ENSG00000179750	3.536609e+01	0.314797967	0.0060594630	0.263540094	0.0211146283	0.235056786	0.0396592688	0.420840473	2.175637e−04	APOBEC3B
ENSG00000179761	1.414406e+02	−0.087555287	0.3893483568	−0.097063563	0.3420012698	0.019945331	0.8449954186	−0.321416781	1.811576e−03	PIPOX
ENSG00000179776	1.542432e+01	0.141580227	0.2109246029	0.107638980	0.3398072884	0.384842892	0.0006599223	0.100157062	3.721574e−01	CDH5
ENSG00000179855	5.486212e+00	0.192927055	0.0286744778	0.061149637	0.4860388259	0.173593750	0.0482568083	0.082851459	3.441301e−01	GIPC3
ENSG00000179889	2.820885e+03	0.090252894	0.1479597183	0.065110851	0.3013710404	0.158542064	0.0118332892	0.017573100	7.828166e−01	PDXDC1
ENSG00000179914	8.022566e−01	0.009899648	0.8490684925	−0.028416394	0.5841379758	0.117950515	0.0237199469	−0.041837294	4.193634e−01	ITLN1
ENSG00000179922	4.140006e+02	−0.091828451	0.2510063795	−0.095593436	0.2356501089	−0.187763186	0.0200746490	−0.211851425	9.308521e−03	ZNF784
ENSG00000179933	5.097743e+02	0.130477344	0.1228278799	0.223933555	0.0084543972	0.259247032	0.0022997772	0.297685052	5.172294e−04	C14orf119
ENSG00000179941	1.543909e+02	−0.078652255	0.3685560464	0.105392472	0.2292455561	0.248866293	0.0044124689	−0.073647705	4.057704e−01	BBS10
ENSG00000179965	2.146285e+01	−0.264212119	0.0409903073	−0.172250540	0.1814678178	−0.241295347	0.0615445841	−0.117909616	3.588377e−01	ZNF771
ENSG00000179967	7.357353e+02	−0.087155165	0.2462506745	−0.101500715	0.1805093280	−0.034432627	0.6495264834	−0.154752336	4.330958e−02	PPP1R14BP3
ENSG00000179981	2.194973e+03	−0.063067597	0.4926601203	−0.143479467	0.1207333291	−0.160103571	0.0833946604	−0.197189586	3.422120e−02	TSHZ1
ENSG00000180015	8.100668e+01	0.272960204	0.0322728090	0.146473730	0.2502651807	0.151803178	0.2335151811	0.266558938	3.600933e−02	AC093909.1
ENSG00000180090	1.547781e+00	−0.114254258	0.0479916525	−0.140632897	0.0148017658	−0.011110254	0.8476891983	−0.121012075	3.574824e−02	OR3A1
ENSG00000180182	2.407608e+03	0.127195676	0.0055331899	0.061617271	0.1841014650	0.120162782	0.0095768350	0.100550159	3.249889e−02	MED14
ENSG00000180198	1.050787e+03	0.069357985	0.3771367015	0.074750960	0.3447414406	−0.075968460	0.3374952726	0.157759460	4.823336e−02	RCC1
ENSG00000180209	4.159175e+01	−0.056111281	0.6635079814	−0.248315537	0.0540156404	−0.275876926	0.0323836883	−0.166326847	1.957140e−01	MYLPF
ENSG00000180284	1.260401e+00	−0.152677675	0.0403550808	−0.076856159	0.3034556404	−0.117767301	0.1132456743	0.011583330	8.770861e−01	AL049610.1
ENSG00000180304	3.297190e+03	−0.141186399	0.0441899169	−0.027016766	0.7026054125	0.008644541	0.9027683852	−0.152649251	3.287665e−02	OAZ2
ENSG00000180316	5.680656e+00	0.116281352	0.2906265251	0.105982258	0.3335615485	0.212746113	0.0526446989	0.336116088	2.207419e−03	PNPLA1
ENSG00000180354	6.676907e+02	−0.293706873	0.0046897382	−0.282420042	0.0067562649	−0.199245055	0.0559793363	−0.350386276	8.219281e−04	MTURN
ENSG00000180385	6.143931e+01	0.099379199	0.4233659516	0.051581372	0.6776333646	−0.065743523	0.5967474268	−0.254910807	4.051842e−02	EMC3−AS1
ENSG00000180448	2.123558e+04	0.006539310	0.9110227339	−0.117951362	0.0460147776	−0.073978260	0.2107830546	0.038722635	5.175947e−01	ARHGAP45
ENSG00000180509	2.699509e+01	0.034323095	0.7705491146	0.261161075	0.0261047798	0.028133593	0.8103253404	0.273783733	1.914441e−02	KCNE1
ENSG00000180543	6.775342e+02	−0.211754615	0.0484129830	−0.223601141	0.0377502232	−0.283695172	0.0084099112	−0.263665511	1.466944e−02	TSPYL5
ENSG00000180573	2.406529e+02	−0.274275407	0.0374631757	−0.219888985	0.0942237595	−0.395893490	0.0025858083	−0.276928636	3.431547e−02	HIST1H2AC
ENSG00000180592	5.051710e+00	0.192321016	0.0934917260	0.198466538	0.0826219888	0.181477033	0.1119155450	0.352481059	2.021661e−03	SKIDA1
ENSG00000180610	1.428583e+01	0.098057425	0.4333407903	−0.208505596	0.0933729034	−0.026546982	0.8311072812	0.335258524	7.005432e−03	ZBTB12BP
ENSG00000180626	4.420293e+01	−0.002571352	0.9843173360	0.170781653	0.1904256860	0.294327476	0.0240012221	0.267680673	3.947518e−02	ZNF594
ENSG00000180712	3.717114e+00	−0.242278664	0.0197967097	−0.097233546	0.3501637911	−0.100640332	0.3328241023	−0.074592361	4.734852e−01	LINC02363
ENSG00000180739	7.328593e+00	0.055289307	0.5501921290	−0.004569946	0.9604957482	0.194869153	0.0350815751	0.058485832	5.249676e−01	S1PR5
ENSG00000180747	6.158530e+02	−0.078945469	0.3605160370	−0.148439839	0.0877318731	−0.148325330	0.0880690101	−0.433056329	8.281562e−07	SMG1P3
ENSG00000180758	7.021726e+02	−0.123490960	0.3313777024	−0.047381937	0.7090369216	−0.115028330	0.3650218612	−0.362575424	4.247405e−03	GPR157
ENSG00000180767	2.330901e+02	−0.141446151	0.2700350466	−0.417815609	0.0010709271	−0.207751449	0.1038698668	−0.146146727	2.503511e−01	CHST13
ENSG00000180871	7.411335e+01	0.143192163	0.2561534000	0.095685304	0.4462230222	0.163490273	0.1931084176	0.277275035	2.657725e−02	CXCR2
ENSG00000180891	1.044378e+03	−0.118457839	0.2186484173	−0.213304470	0.0275718016	−0.173115495	0.0737442606	−0.188164678	5.337256e−02	CUEDC1
ENSG00000180901	9.217449e+02	−0.112103723	0.0479943729	−0.053589425	0.3491347807	−0.106245276	0.0638227652	−0.130305330	2.466084e−02	KCTD2
ENSG00000180917	6.487056e+02	0.150986456	0.0863945586	0.080504179	0.3638287165	0.198679584	0.0249422313	0.289538165	1.174589e−03	CMTR2
ENSG00000180953	8.750775e+01	0.160070505	0.1818527145	0.388033044	0.0011893315	0.250285409	0.0368600800	0.230004883	5.519985e−02	ST20
ENSG00000180957	1.313074e+03	0.185949034	0.0007238239	0.103357116	0.0631395363	0.107894841	0.0525061013	0.129897925	2.114714e−02	PITPNB
ENSG00000180964	7.469406e+02	−0.140002925	0.0242314229	−0.002490561	0.9682635886	−0.081415865	0.1942378372	−0.051421079	4.171945e−01	TCEAL8
ENSG00000180988	5.820176e−01	0.025905962	0.5275942078	0.012190619	0.7660401838	0.017751936	0.6645327525	0.102208349	1.290410e−02	OR52N2
ENSG00000181026	1.417300e+03	−0.006251089	0.9508006361	0.029608989	0.7710100370	−0.072036385	0.4789895306	0.243255022	1.732647e−02	AEN
ENSG00000181036	2.941775e+02	0.059765662	0.6257510543	0.243626048	0.0466959936	0.286880664	0.0191698811	0.236204428	5.380542e−02	FCRL6
ENSG00000181045	4.069695e+02	0.235580656	0.0134676342	0.148551265	0.1213137658	0.140235013	0.1437369196	0.001145062	9.905436e−01	SLC26A11
ENSG00000181085	3.439456e+00	0.142822659	0.1144628130	0.022418448	0.8031755698	0.081369688	0.3659350658	0.181768781	4.371090e−02	MAPK15
ENSG00000181191	1.651492e+02	0.200252160	0.0634778586	0.187505590	0.0830946634	0.165446185	0.1264858040	0.335635717	1.983492e−03	PJA1
ENSG00000181222	8.224666e+03	0.205846465	0.0006464320	0.078389158	0.1984272654	0.065472609	0.2828016745	0.171294369	5.488962e−03	POLR2A
ENSG00000181264	1.405503e+00	0.019947777	0.7253146365	0.013320539	0.8143325257	0.126756291	0.0257503217	0.048096422	3.962780e−01	TMEM136
ENSG00000181291	3.472758e+00	−0.061443287	0.4738892335	−0.167354176	0.0499018472	−0.127574933	0.1349879752	−0.075074315	3.794188e−01	TMEM132E
ENSG00000181381	2.381917e+03	0.222659311	0.0614026061	0.129192414	0.2781358519	0.109643934	0.3573670682	0.451749286	1.513100e−04	DDX60L
ENSG00000181396	9.178791e+02	−0.147496765	0.0294134583	−0.080332748	0.2394630719	−0.119459144	0.0804941650	−0.105256864	1.275288e−01	OGFOD3

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000181467	7.820939e+03	0.020557397	0.7871048029	−0.136879628	0.074479155	−0.2251210202	0.0033551548	−0.229386870	3.080622e−03	RAP2B
ENSG00000181472	1.203479e+03	0.197576058	0.0369982436	0.071858838	0.450627157	−0.0717310016	0.4516607670	−0.172123949	7.280295e−02	ZBTB2
ENSG00000181523	3.225658e+03	−0.016528535	0.7976807735	−0.110488560	0.089698931	−0.1196376211	0.0661805388	−0.170803342	9.521692e−03	SGSH
ENSG00000181524	1.844436e+03	−0.120417716	0.0641776849	−0.003932938	0.952214037	−0.0017729149	0.9784529289	−0.230271342	5.315069e−04	RPL24P4
ENSG00000181577	2.609702e+01	0.421494761	0.0009986137	0.061326089	0.630339995	0.0480347052	0.7061410079	−0.245008779	5.280996e−02	C6orf223
ENSG00000181631	1.443076e+03	0.108010646	0.3572372984	0.177889716	0.129858283	0.2825169790	0.0161446884	0.320505679	6.424285e−03	P2RY13
ENSG00000181649	3.862533e+02	−0.016733080	0.8887821673	−0.040770015	0.733465883	−0.4208857852	0.0004450236	−0.330237511	5.883497e−03	PHLDA2
ENSG00000181704	4.681397e+02	0.055449750	0.4850227973	0.173412154	0.029957930	0.0898371553	0.2615280228	0.102857617	2.025449e−01	YIPF6
ENSG00000181722	1.105998e+02	0.050852456	0.6064103078	−0.110941273	0.264726670	−0.0332079693	0.7382661992	−0.271201654	6.992104e−03	ZBTB20
ENSG00000181789	3.229732e+03	0.045252327	0.2960060658	0.038650599	0.377584175	0.0109523179	0.8026784288	0.108569941	1.445361e−02	COPG1
ENSG00000181826	3.574327e+02	−0.095677600	0.3842372448	−0.263996864	0.016735751	−0.1854692053	0.0927379325	−0.073279509	5.074993e−01	RELL1
ENSG00000181830	7.004178e+02	0.073760675	0.2383639845	0.020324820	0.747823849	0.1162872319	0.0655848823	0.174518866	6.235093e−03	SLC35C1
ENSG00000181873	5.024492e+02	0.284094210	0.0004101962	0.204677872	0.011577383	0.0174771499	0.8297420170	−0.072615734	3.762391e−01	IBA57
ENSG00000181885	6.350409e+01	0.128963438	0.3279983302	0.120065994	0.360924531	0.1747311692	0.1836638092	0.284099693	2.996806e−02	CLDN7
ENSG00000181894	3.106244e+02	−0.215331936	0.0453532368	−0.149250352	0.166471997	−0.1248290449	0.2472206598	−0.131938565	2.229983e−01	ZNF329
ENSG00000181896	3.360545e+02	−0.041760904	0.6419342700	−0.047681406	0.597672357	−0.0575575588	0.5243383438	0.181816780	4.525533e−02	ZNF101
ENSG00000181908	1.054952e+02	−0.114899708	0.3135383208	−0.101384302	0.374680388	−0.1218778013	0.2862377178	−0.246286208	3.162730e−02	AP003774.1
ENSG00000181915	1.431975e+03	−0.095241714	0.4229137365	−0.065501524	0.581826970	−0.3887848436	0.0010831106	−0.316773499	7.809614e−03	ADO
ENSG00000181991	5.532733e+02	−0.101634836	0.0924521609	−0.083630943	0.170160974	−0.1592402977	0.0091977546	−0.003852210	9.501399e−01	MRPS11
ENSG00000182004	4.651969e+02	−0.168508346	0.0227358976	−0.110289963	0.139003486	−0.0974111526	0.1914909275	−0.148093555	4.921084e−02	SNRPE
ENSG00000182010	9.392049e+00	0.064971309	0.4640263961	0.035479423	0.688509896	0.1819229050	0.0400417573	0.093043728	2.919987e−01	RTKN2
ENSG00000182022	4.215141e+02	0.200669119	0.1261655511	0.100239286	0.443728101	0.3237002406	0.0133814653	0.232422438	7.480058e−02	CHST15
ENSG00000182087	7.465232e+03	0.164238225	0.0101374362	0.044500571	0.490246703	0.0556930449	0.3879162687	0.003953048	9.516967e−01	TMEM259
ENSG00000182093	2.662876e+02	−0.294085446	0.0036742958	−0.016016288	0.874494626	−0.0349943549	0.7301471341	−0.119037185	2.431441e−01	WRB
ENSG00000182095	1.151223e+04	−0.017945275	0.7970128841	−0.149242266	0.033993346	−0.0998269874	0.1561431221	0.044262773	5.338658e−01	TNRC18
ENSG00000182118	2.622128e+01	0.070099766	0.5689181223	0.144094821	0.240067545	0.1497239829	0.2221090918	0.288948858	1.798914e−02	FAM89A
ENSG00000182134	1.146421e+02	−0.175113419	0.1422731760	−0.104176456	0.382607245	−0.0024097017	0.9838797784	−0.235706368	4.873202e−02	TDRKH
ENSG00000182149	3.948691e+03	0.108013283	0.0239920424	0.036515357	0.450619242	0.0506491639	0.2954566568	0.020396664	6.776354e−01	IST1
ENSG00000182179	4.867130e+03	0.094897202	0.1808763252	0.094549381	0.186262075	0.0205117658	0.7743571121	0.182400247	1.164005e−02	UBA7
ENSG00000182180	1.471746e+03	−0.085132302	0.0473970714	0.054833647	0.205539464	−0.0038850470	0.9286661282	0.022680053	6.057814e−01	MRPS16
ENSG00000182183	8.713678e+00	0.214781174	0.0392769405	0.224779760	0.030475017	0.1025608404	0.3223400861	0.200867176	5.225375e−02	FAM159A
ENSG00000182196	4.248865e+02	−0.120223041	0.0709920945	−0.050177463	0.454407342	−0.2315945612	0.0005935305	−0.093305418	1.695445e−01	ARL6IP4
ENSG00000182199	2.817683e+03	−0.035088871	0.3863491241	0.034097947	0.404876182	−0.0576708725	0.1595371136	0.087833451	3.438371e−02	SHMT2
ENSG00000182208	7.388875e+02	0.100928157	0.1019078775	0.054848565	0.378995962	0.1320119763	0.0341157945	0.064798432	3.044072e−01	MOB2
ENSG00000182220	5.680420e+03	−0.133447730	0.0201864414	0.037108561	0.522404840	−0.0531771655	0.3594999680	−0.062372113	2.884218e−01	ATP6AP2
ENSG00000182240	1.607816e+01	0.035110128	0.7340724476	0.193935828	0.060118425	0.1507290583	0.1437314527	0.242244227	1.848287e−02	BACE2
ENSG00000182247	1.612542e+03	−0.147082306	0.0317301249	−0.105089706	0.128180661	−0.1801166471	0.0091690360	−0.135220241	5.291044e−02	UBE2E2
ENSG00000182253	9.919428e+00	−0.130507438	0.2404305048	−0.087997233	0.427636702	−0.2199601358	0.0468525632	−0.147856593	1.799206e−01	SYNM
ENSG00000182272	1.880036e+00	0.059821177	0.3225383365	0.065246570	0.280360811	0.1352566231	0.0253397649	0.085590710	1.560608e−01	B4GALNT4
ENSG00000182307	1.306013e+03	−0.079626505	0.0998347069	−0.022348954	0.647366200	−0.1266728406	0.0097002513	0.008185131	8.687315e−01	C8orf33
ENSG00000182326	4.197771e+01	0.137192559	0.2852199027	0.055177330	0.667054796	0.1998511635	0.1189088923	0.304010971	1.735857e−02	C1S
ENSG00000182327	1.507345e+02	0.124874710	0.3165375998	−0.031751197	0.798958778	−0.1455309847	0.2433138656	−0.245215864	4.920701e−02	GLTPD2
ENSG00000182378	9.502751e+02	0.252377727	0.0407917873	0.231279520	0.060788534	−0.0939615608	0.4463104745	0.009609256	9.378952e−01	PLCXD1
ENSG00000182379	4.092309e+00	0.019187713	0.8130247045	0.085072550	0.294155235	0.2093348928	0.0099616174	0.029882809	7.114388e−01	NXPH4
ENSG00000182472	3.189210e+01	0.012637340	0.9236485274	0.111539535	0.396085674	0.0408113223	0.7561724292	−0.331138745	1.140114e−02	CAPN12
ENSG00000182481	1.744085e+03	0.149641523	0.0136615231	0.086785777	0.156835872	0.0716952275	0.2423409226	0.008700802	8.885644e−01	KPNA2
ENSG00000182512	8.814186e+02	−0.136388183	0.0390279421	−0.056645122	0.395310988	0.0061654628	0.9262657139	−0.128946286	5.588243e−02	GLRX5
ENSG00000182534	8.098247e+01	0.220278372	0.0110418230	0.132389406	0.125785986	0.1800969047	0.0372879791	0.157558660	6.769802e−02	MXRA7
ENSG00000182551	2.249556e+03	−0.178996660	0.0003952637	−0.095023146	0.062644491	−0.1033200523	0.0430327165	−0.105446150	4.141357e−02	ADI1
ENSG00000182557	2.956890e+03	−0.018409797	0.8128863935	−0.008295103	0.915720122	−0.1836245170	0.0192060128	−0.174729412	2.729905e−02	SPNS3
ENSG00000182575	4.872136e+00	−0.095757197	0.3308667901	−0.253620713	0.009510000	−0.0576308918	0.5572535346	0.030766537	7.540360e−01	NXPH3
ENSG00000182580	4.331644e+02	0.000042170	0.9997446412	−0.079584247	0.544511873	−0.0525205242	0.6892121042	−0.335447439	1.031531e−02	EPHB3
ENSG00000182606	7.212292e+03	−0.099311964	0.1310122459	−0.171783323	0.009663823	−0.1333245112	0.0446104098	−0.160338144	1.694023e−02	TRAK1
ENSG00000182636	1.421057e+02	−0.270109966	0.0333361056	−0.104949121	0.406608837	−0.0037624668	0.9762666438	−0.229998722	6.759137e−02	NDN
ENSG00000182670	6.046703e+03	−0.151820666	0.0247724574	−0.084979871	0.213024287	−0.0253322792	0.7104661838	−0.184473111	7.513365e−03	TTC3
ENSG00000182687	7.096219e+01	0.006990129	0.9561943585	−0.122309970	0.334502363	−0.2798582637	0.0271684937	−0.136266816	2.799668e−01	GALR2
ENSG00000182749	9.388433e+02	−0.170011565	0.0377447725	−0.090513250	0.271993036	−0.0427863770	0.6035606847	−0.259493699	1.812592e−03	PAQR7
ENSG00000182774	2.556292e+04	−0.213243809	0.0001127215	−0.049976323	0.370423133	−0.0890266978	0.1106073749	−0.208002623	2.329000e−04	RPS17
ENSG00000182795	3.540294e+00	−0.183367535	0.0346953325	−0.228545405	0.008292177	−0.2971096950	0.0005771257	−0.181382748	3.577681e−02	C1orf116
ENSG00000182796	6.365350e+02	0.146909664	0.0490576485	0.108021318	0.151346372	0.0577272587	0.4436940995	0.179000338	1.850269e−02	TMEM198B
ENSG00000182809	9.306285e+01	0.213949329	0.1007384811	0.025756481	0.842768919	0.2991890485	0.0212482402	0.132363148	3.058381e−01	CRIP2
ENSG00000182814	2.964343e+00	0.179409360	0.0483582223	0.014014645	0.876483990	0.0067995766	0.9397923974	0.057623481	5.223484e−01	FUNDC2P2
ENSG00000182841	2.152726e+02	−0.361459554	0.0008022843	−0.260261588	0.016034352	−0.2156046053	0.0460407584	−0.307148334	4.629850e−03	RRP7BP
ENSG00000182853	6.093053e+01	0.240200736	0.0674586512	0.247197096	0.059176468	0.2993659266	0.0223052077	0.014408450	9.121619e−01	VMO1
ENSG00000182872	1.828699e+03	0.081047631	0.1812333213	0.034495477	0.573130651	0.0271301908	0.6577681736	0.190091719	2.145777e−03	RBM10
ENSG00000182885	1.632112e+01	0.035206777	0.7339288727	0.052306763	0.612605572	0.2506265970	0.0153785969	0.107488989	2.962903e−01	ADGRG3
ENSG00000182890	9.904313e+02	−0.023491099	0.6267332276	−0.069434000	0.155404570	−0.1059637065	0.0304356104	0.035699843	4.702935e−01	GLUD2
ENSG00000182899	1.942722e+04	−0.181861434	0.0001639331	−0.097391832	0.045896413	−0.1062752230	0.0293823676	−0.233256538	2.398252e−06	RPL35A
ENSG00000182923	1.159825e+03	−0.131345662	0.0274916868	−0.023655739	0.693798985	−0.0290384721	0.6290643320	0.007872106	8.970331e−01	CEP63
ENSG00000182950	6.531595e+00	0.226742675	0.0099308835	0.116801832	0.182474475	0.0522844631	0.5500458232	0.113515508	1.938671e−01	ODF3L1
ENSG00000182957	1.232895e+03	0.244357503	0.0088376957	0.101080343	0.281559089	0.0433856706	0.6440353079	0.245585592	9.349459e−03	SPATA13
ENSG00000183010	3.534419e+01	−0.304792429	0.0203089133	−0.204696415	0.118032219	−0.1608741193	0.2192713230	−0.094801358	4.675957e−01	PYCR1
ENSG00000183011	9.651341e+02	−0.063995875	0.3248903080	−0.085964713	0.190291716	−0.1310830628	0.0460215123	−0.038184933	5.649575e−01	NAA38
ENSG00000183019	9.418047e+01	0.128680736	0.3251740182	0.265585060	0.041579990	0.1638824470	0.2085584640	0.342233831	8.344744e−03	MCEMP1
ENSG00000183044	3.864295e+02	0.113187530	0.2008260455	0.190094533	0.032676679	0.1299729910	0.1445899583	0.069346206	4.396427e−01	ABAT
ENSG00000183048	3.163776e+01	−0.112427170	0.3584481637	−0.095281641	0.436068104	−0.3339208582	0.0066599342	−0.150389002	2.195495e−01	SLC25A10
ENSG00000183049	5.461090e+03	−0.041845884	0.5829559319	−0.181998930	0.017857615	−0.0462351074	0.5473173824	−0.072088431	3.528071e−01	CAMK1D
ENSG00000183091	6.316063e+01	0.142033945	0.2555619727	−0.072292702	0.561121559	0.3062335058	0.0138919626	0.027677861	8.231073e−01	NEB
ENSG00000183092	4.529974e+01	−0.041324039	0.7414518119	−0.053534086	0.667866975	0.2760740521	0.0270463062	−0.033577666	7.868432e−01	BEGAIN
ENSG00000183111	2.345389e+00	0.099767305	0.1952927292	0.041045199	0.592999594	0.1627565547	0.0345085178	0.009969362	8.963227e−01	ARHGEF37
ENSG00000183117	4.667822e+00	−0.187650524	0.0328758441	−0.106718783	0.224566767	−0.1390139222	0.1131141596	−0.112758692	1.985381e−01	CSMD1
ENSG00000183153	7.612422e+00	−0.187957161	0.1137367206	−0.243991047	0.039085627	−0.0306219462	0.7963622908	−0.030860110	7.941152e−01	GJD3
ENSG00000183160	7.161594e+01	−0.196836052	0.1349726506	−0.124236032	0.343847658	−0.1550125358	0.2375507494	−0.267846976	4.039047e−02	TMEM119
ENSG00000183172	2.018690e+03	−0.087511981	0.3507605199	−0.222432799	0.018351349	−0.3142858106	0.0008635540	−0.184260261	5.229906e−02	SMDT1
ENSG00000183207	1.414321e+03	−0.025487358	0.5646343099	−0.021979033	0.623202644	−0.1029198888	0.0217137878	0.010080371	8.241561e−01	RUVBL2
ENSG00000183283	2.278269e+04	−0.091709512	0.0182789570	−0.019076241	0.627547308	−0.0703673349	0.0735413026	−0.090232938	2.369802e−02	DAZAP2
ENSG00000183307	1.693175e+02	0.028967592	0.8221828371	0.009598511	0.940538900	−0.0852989863	0.5075057018	0.354509437	5.742690e−03	TMEM121B
ENSG00000183337	2.455696e+03	−0.115962154	0.1953729428	−0.191057994	0.033983739	−0.2296192410	0.0108386069	−0.223746615	1.373674e−02	BCOR
ENSG00000183347	1.049000e+00	0.034957391	0.5663271743	−0.011623264	0.848428821	0.1829897540	0.0028068804	−0.026232434	6.651107e−01	GBP6
ENSG00000183354	1.739629e+03	−0.094728328	0.0594890006	−0.090227324	0.075787609	−0.0694485909	0.1717984992	−0.160066880	1.895034e−03	KIAA2026
ENSG00000183379	8.720516e−01	0.097969552	0.0230936702	0.037004844	0.389508199	0.0015221689	0.9717031881	0.009722587	8.211877e−01	SYNDIG1L
ENSG00000183397	1.115531e+02	0.231145502	0.0362569740	0.169737898	0.125384058	0.1363018834	0.2189148612	0.136961939	2.178021e−01	C19orf71
ENSG00000183458	3.712292e+02	−0.132164719	0.2176112177	−0.224146167	0.037171305	−0.1569122408	0.1445621546	−0.233569164	3.058538e−02	AC138932.1
ENSG00000183474	1.755021e+02	−0.229254061	0.0291427566	−0.084246826	0.423504197	−0.0351589066	0.7383408177	−0.117669937	2.658505e−01	GTF2H2C
ENSG00000183484	1.329422e+03	0.247811293	0.0189721331	0.174630013	0.099459556	−0.0693698500	0.5130081103	−0.100017875	3.476186e−01	GPR132
ENSG00000183486	5.074871e+03	0.275941059	0.0309831751	0.200401004	0.116669040	0.0531355272	0.6774212401	0.490613558	1.192168e−04	MX2
ENSG00000183549	1.002359e+01	0.179015882	0.1218960121	0.234242324	0.042336892	0.1222120402	0.2884570753	0.174119164	1.293907e−01	ACSM5
ENSG00000183569	4.040637e+01	−0.335270784	0.0102546973	−0.243294862	0.061801636	−0.2028408921	0.1194309770	−0.333602102	1.020387e−02	SERHL2
ENSG00000183570	2.552286e+01	0.127863910	0.3237231198	0.117739192	0.361824369	0.2566581955	0.0469149232	−0.082899601	5.182892e−01	PCBP3
ENSG00000183578	7.080879e+01	0.145655398	0.2034804679	−0.036847187	0.746745849	−0.1725975600	0.1302220940	−0.256972343	2.359912e−02	TNFAIP8L3
ENSG00000183597	1.174601e+03	−0.096143749	0.0907946564	−0.051742289	0.367231619	−0.1496645722	0.0092275223	−0.095634349	1.001704e−01	TANGO2
ENSG00000183598	6.529667e+00	0.238052168	0.0255503632	0.029501755	0.780371480	0.1915726642	0.0709167382	0.262767966	1.310485e−02	HIST2H3D
ENSG00000183604	2.241329e+02	0.228242796	0.0236663200	−0.076004747	0.454475597	0.0003561358	0.9972024253	−0.128050583	2.103836e−01	SMG1P5
ENSG00000183617	1.182289e+03	−0.065821959	0.2900536475	−0.054353108	0.386685333	−0.2231840795	0.0003899162	−0.022160947	7.273346e−01	MRPL54
ENSG00000183666	1.206788e+02	−0.085003167	0.3889229966	−0.182364619	0.065921829	−0.3052149758	0.0021702241	−0.034840228	7.267629e−01	GUSBP1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000183684	2.543233e+03	0.001386348	0.9779340671	−0.104839860	0.0386896859	−0.115291160	0.0230476098	−0.072633256	1.574759e−01	ALYREF
ENSG00000183690	6.127288e+01	0.087166519	0.3402083511	0.187782658	0.0394420808	0.001526354	0.9866379313	0.211479899	2.002022e−02	EFHC2
ENSG00000183696	1.413806e+03	0.233289191	0.0449046716	0.207618370	0.0746662443	−0.033206703	0.7756185920	0.212047055	6.916087e−02	UPP1
ENSG00000183722	2.805581e+02	−0.349684409	0.0064055740	−0.106357206	0.4052468917	−0.224175159	0.0793648867	−0.169488979	1.826215e−01	LHFPL6
ENSG00000183742	1.511423e+01	0.080842858	0.5342742965	0.116895269	0.3673465885	0.261416052	0.0439359061	0.001332042	9.917544e−01	MACC1
ENSG00000183765	7.014362e+02	−0.100561990	0.1298000916	−0.024785725	0.7111471125	0.021263107	0.7507017791	−0.136629413	4.382492e−02	CHEK2
ENSG00000183779	4.230864e+03	−0.100227561	0.3749700279	−0.159892291	0.1578042273	−0.157305990	0.1646408792	−0.375441824	9.395709e−04	ZNF703
ENSG00000183793	5.217781e+01	−0.121367351	0.2532906500	−0.099016788	0.3498670275	0.025869922	0.8070796541	−0.241263894	2.213771e−02	NPIPA5
ENSG00000183856	6.237716e+01	0.282352746	0.0315497191	0.192029523	0.1422330580	0.273819363	0.0363943295	0.060499634	6.422988e−01	IQGAP3
ENSG00000183864	1.320141e+03	0.209219483	0.0146260825	0.087847388	0.3087541315	0.127183356	0.1405887412	−0.042843780	6.225894e−01	TOB2
ENSG00000183878	1.727244e+02	0.019598920	0.8421998210	−0.343119938	0.0004640893	−0.337887586	0.0005653975	0.346259731	4.073823e−04	UTY
ENSG00000183889	8.027337e+00	0.299841026	0.0118064596	0.106723464	0.3669440985	0.025081089	0.8317057830	0.143465810	2.230563e−01	AC138969.1
ENSG00000183914	2.469343e+01	0.157271862	0.1366620082	0.180379656	0.0868619121	0.268050083	0.0109672053	0.229316373	2.891456e−02	DNAH2
ENSG00000183935	2.743816e+02	0.194729231	0.0418764595	0.271077472	0.0047877407	0.235352882	0.0143969086	0.178394907	6.543610e−02	HTR7P1
ENSG00000183955	1.133974e+03	0.002995655	0.9639722815	−0.051750294	0.4397018179	−0.127281764	0.0576309992	−0.160642890	1.779142e−02	KMT5A
ENSG00000184005	1.779354e+01	0.207024032	0.0997970780	0.205748773	0.1006651138	0.242063136	0.0534297541	0.298344577	1.678200e−02	ST6GALNAC3
ENSG00000184007	2.082630e+04	−0.063916436	0.2776449780	−0.078416909	0.1873138237	−0.092467984	0.1199988722	−0.195026665	1.199086e−03	PTP4A2
ENSG00000184047	3.275385e+02	0.176565321	0.0287073958	0.197162036	0.0152845148	0.057816045	0.4782614130	0.052251680	5.251014e−01	DIABLO
ENSG00000184076	1.543938e+03	−0.173316899	0.0023891606	0.033410125	0.5614759535	0.001709035	0.9763203835	−0.015230441	7.938504e−01	UQCR10
ENSG00000184110	2.982740e+02	−0.253660367	0.0137702493	−0.097954053	0.3425994222	−0.051506479	0.6177422175	−0.178366316	8.584379e−02	EIF3C
ENSG00000184117	9.842669e+02	−0.197905716	0.0003238677	−0.137126664	0.0135897967	−0.178537999	0.0013323716	−0.207341799	2.331059e−04	NIPSNAP1
ENSG00000184178	6.082579e+02	0.085643421	0.1916109164	0.041768791	0.5282323999	0.079675290	0.2289539495	0.252453578	1.569283e−04	SCFD2
ENSG00000184182	1.422864e+03	−0.003866524	0.9617665135	0.065673380	0.4188848220	−0.060683076	0.4554017932	−0.196165834	1.681867e−02	UBE2F
ENSG00000184205	6.324529e+02	0.336466179	0.0047805754	0.199473245	0.0946878885	0.139129684	0.2438351954	−0.035764403	7.647200e−01	TSPYL2
ENSG00000184207	1.219640e+03	−0.089735828	0.2522002664	−0.152347150	0.0538122833	−0.186124859	0.0185242757	−0.206134917	9.764498e−03	PGP
ENSG00000184216	7.337015e+03	−0.005562928	0.9158898116	−0.090246940	0.0901055702	−0.162210233	0.0023233510	−0.060159041	2.647433e−01	IRAK1
ENSG00000184220	2.162782e+02	0.020412634	0.8214615553	−0.052044117	0.5676866789	0.137297335	0.1306706865	−0.193125445	3.589186e−02	CMSS1
ENSG00000184226	1.219228e+01	0.042817520	0.6794178209	0.128381999	0.2141948141	0.232382420	0.0246530286	0.291365788	4.756412e−03	PCDH9
ENSG00000184232	1.597419e+03	0.104593718	0.2130372941	−0.071756847	0.3964926041	0.081860060	0.3332190191	0.201158808	1.832533e−02	OAF
ENSG00000184271	1.172327e+02	0.073780713	0.5041819621	0.089537237	0.4188559338	0.262006406	0.0178071656	−0.101740605	3.605493e−01	POU6F1
ENSG00000184281	1.122420e+03	−0.078859573	0.2376379625	−0.062838990	0.3509928598	−0.136070452	0.0436406089	−0.025929389	7.035030e−01	TSSC4
ENSG00000184293	2.882156e+02	−0.349119933	0.0080191804	−0.056128340	0.6688986244	−0.144312590	0.2715137829	−0.029736679	8.200025e−01	CLECL1
ENSG00000184304	9.410866e−01	0.031777291	0.4684167297	0.043292878	0.3231714889	0.092825575	0.0341940440	0.043492612	3.206387e−01	PRKD1
ENSG00000184305	9.385254e+02	−0.075016297	0.4295900993	−0.080151500	0.4011220934	−0.167553690	0.0793571894	−0.296512554	2.047436e−03	CCSER1
ENSG00000184307	1.223414e+02	0.007452849	0.9455328724	0.082321086	0.4513688679	0.222639576	0.0413836200	0.154005179	1.596259e−01	ZDHHC23
ENSG00000184319	8.714776e+01	−0.042576574	0.7154433315	0.188667877	0.1056417391	0.266784634	0.0220746111	0.018438984	8.747691e−01	RPL23AP82
ENSG00000184343	3.734610e+01	0.265045154	0.0442901924	0.180761554	0.1689342273	0.025146551	0.8482591857	0.238687899	6.824054e−02	SRPK3
ENSG00000184368	2.822981e+00	0.086658193	0.3054809086	0.064253969	0.4465071100	0.191264555	0.0238208249	0.053311006	5.257387e−01	MAP7D2
ENSG00000184371	5.847742e+01	0.306894666	0.0078233079	0.116306254	0.3115898376	−0.081280752	0.4791972074	−0.068307873	5.502773e−01	CSF1
ENSG00000184385	1.806746e+00	0.017703056	0.8288846417	0.172903705	0.0359536928	0.161242584	0.0499444103	0.033392017	6.821414e−01	UMODL1−AS1
ENSG00000184402	6.910289e+02	0.135897277	0.0174016757	0.074320128	0.1986249454	0.123816987	0.0321898696	−0.026081985	6.564773e−01	SS18L1
ENSG00000184414	7.043653e−01	0.009965531	0.8540556543	0.126789791	0.0199438580	0.055382667	0.3065773163	0.063064020	2.449215e−01	IRS3P
ENSG00000184428	2.245005e+03	−0.045338258	0.5577457970	−0.005757521	0.9411209502	−0.041151356	0.5976377909	−0.191943711	1.477599e−02	TOP1MT
ENSG00000184432	2.327132e+03	0.065966916	0.3399982541	0.160067930	0.0216923562	0.185925375	0.0076663150	0.253158485	3.275766e−04	COPB2
ENSG00000184441	1.291630e+02	0.226289043	0.0455425473	0.152738305	0.1783181533	0.168579311	0.1374958109	0.162412848	1.532690e−01	AP001062.1
ENSG00000184445	5.230943e+02	0.251698069	0.0014425001	0.154549656	0.0523923281	0.291744081	0.0002464573	0.068950656	3.919463e−01	KNTC1
ENSG00000184508	2.378373e+02	−0.241038434	0.0045909496	−0.018909315	0.8244206880	−0.268686981	0.0017268892	−0.094118162	2.740583e−01	HDDC3
ENSG00000184545	3.420421e+01	0.383181931	0.0021122558	0.230265415	0.0635718612	0.132261147	0.2863422038	−0.038550567	7.546294e−01	DUSP8
ENSG00000184574	2.665219e+02	−0.107452310	0.3604908476	−0.155783399	0.1854378834	−0.062051323	0.5978058112	−0.255566640	3.013244e−02	LPAR5
ENSG00000184588	6.141804e+03	0.005065534	0.9658240655	−0.017305526	0.8837317393	−0.046104281	0.6968324299	−0.367499135	1.923887e−03	PDE4B
ENSG00000184602	8.049788e+03	−0.092477855	0.3059395198	−0.067495310	0.4576273723	−0.047522625	0.6010001092	−0.243046221	7.935957e−03	SNN
ENSG00000184612	1.397903e+01	−0.286674419	0.0294853947	−0.110501871	0.3997863568	−0.135785006	0.3009352982	−0.084872798	5.161234e−01	RPL7P26
ENSG00000184634	2.067977e+03	0.051486563	0.4624336902	0.075259978	0.2869260315	0.143760699	0.0419133468	0.122753668	8.568720e−02	MED12
ENSG00000184635	9.009909e+01	−0.248485208	0.0308246212	−0.090727136	0.4299123673	−0.204195235	0.0762249777	−0.323837732	5.104900e−03	ZNF93
ENSG00000184640	3.073484e+04	−0.080775561	0.0849801919	−0.096688195	0.0414631799	−0.167735401	0.0004051106	−0.072701228	1.304454e−01	SEPT9
ENSG00000184677	1.975686e+03	0.033145131	0.5889300332	0.038078395	0.5387099845	0.159910328	0.0097952419	−0.096936293	1.222950e−01	ZBTB40
ENSG00000184678	6.510480e+02	0.013743782	0.9092286474	−0.096431581	0.4239884452	−0.288609910	0.0167491598	−0.301755899	1.242292e−02	HIST2H2BE
ENSG00000184682	7.100374e+02	0.219777215	0.0308182323	0.012877087	0.8997990216	0.164365971	0.1078770632	−0.194211212	5.897570e−02	NA
ENSG00000184743	1.961444e+03	−0.050389952	0.4662542302	−0.025212113	0.7178404051	0.058825378	0.3990741077	0.196324221	5.332723e−03	ATL3
ENSG00000184787	5.502786e+03	−0.107271434	0.0159111066	−0.048350329	0.2825164061	−0.089491874	0.0467712897	−0.141850144	1.882082e−03	UBE2G2
ENSG00000184792	3.286544e+01	0.083846772	0.5214793902	−0.378050105	0.0038234670	−0.064362621	0.6220443133	−0.159169137	2.215583e−01	OSBP2
ENSG00000184795	3.578041e+00	0.252690890	0.0303790151	0.032805778	0.7760876536	0.285448394	0.0141786300	0.375083768	1.244285e−03	UNC93B5
ENSG00000184860	1.341015e+01	0.159603342	0.1812326556	0.177438556	0.1357760906	0.168348224	0.1567662982	0.232694836	4.952449e−02	SDR42E1
ENSG00000184897	9.641138e+03	0.014005526	0.8886359919	−0.134660811	0.1801119167	−0.215951587	0.0315946689	−0.015668744	8.767241e−01	H1FX
ENSG00000184898	2.622448e+02	−0.063678857	0.5681832026	−0.099468324	0.3738041741	−0.291431050	0.0092630453	−0.091461956	4.148278e−01	RBM43
ENSG00000184900	4.545145e+03	−0.135336662	0.0023029077	−0.083992369	0.0613740499	−0.116416848	0.0095450040	−0.158549817	4.984354e−04	SUMO3
ENSG00000184924	1.072474e+03	−0.167004252	0.0045837198	−0.113746900	0.0558073266	−0.161250945	0.0067647373	−0.182822454	2.405387e−03	PTRHD1
ENSG00000184925	5.968459e+00	0.243629176	0.0366931769	−0.039927341	0.7294465782	0.106659137	0.3568118986	−0.009603482	9.334399e−01	LCN12
ENSG00000184979	8.550785e+01	0.198839736	0.0754736731	0.164626278	0.1397390139	0.046780918	0.6746603692	0.459837219	3.453158e−05	USP18
ENSG00000184983	1.549981e+03	−0.106002892	0.0049628069	0.022529748	0.5539484748	−0.077778058	0.0417193428	−0.135496666	4.726154e−04	NDUFA6
ENSG00000184988	6.821951e+02	0.012442256	0.8863128738	0.070988002	0.4174257831	0.163093540	0.0623718387	0.211152347	1.665423e−02	TMEM106A
ENSG00000184990	1.444275e+03	−0.105593682	0.0900752605	−0.149382118	0.0176094693	−0.038199899	0.5436055634	−0.126536443	4.683321e−02	SIVA1
ENSG00000185009	1.424709e+03	0.039964821	0.5383468015	0.084233738	0.1986374759	0.015384617	0.8145298214	0.141700206	3.252352e−02	AP3M1
ENSG00000185010	1.046423e+02	−0.207335363	0.0782098746	0.022959413	0.8451916575	−0.284700371	0.0158253519	−0.007268563	9.507825e−01	F8
ENSG00000185024	1.465829e+03	0.002318751	0.9656734597	−0.089446948	0.1007244800	−0.106637435	0.0505242576	−0.162818380	3.220908e−03	BRF1
ENSG00000185031	1.012106e+00	0.114644797	0.1296161033	0.190414188	0.0122228346	0.052598922	0.4834955610	0.051660402	4.908480e−01	SLC2A3P2
ENSG00000185052	2.698890e+00	−0.132322943	0.0455932216	−0.107012505	0.1057051484	−0.134153404	0.0422645295	−0.097389402	1.403507e−01	SLC24A3
ENSG00000185100	7.542990e+01	−0.135803952	0.2491454247	−0.094281839	0.4239884028	−0.117289158	0.3203149265	−0.263345766	2.591346e−02	ADSSL1
ENSG00000185101	2.008648e+02	0.244516729	0.0485893741	0.001215465	0.9921810421	0.330050449	0.0077383669	0.089025177	4.725161e−01	ANO9
ENSG00000185104	1.352792e+03	−0.056464181	0.2417526158	−0.026802332	0.5824000185	−0.119774420	0.0142079356	−0.064465462	1.922675e−01	FAF1
ENSG00000185115	1.404643e+03	−0.066635685	0.3345223155	−0.069280667	0.3199785162	−0.107468656	0.1230953497	−0.212692361	2.553905e−03	NSMCE3
ENSG00000185127	5.315696e+02	0.072056640	0.3466206624	0.155636729	0.0435085904	−0.002552049	0.9736577098	0.065175759	4.029616e−01	C6orf120
ENSG00000185130	1.069982e+00	−0.017568690	0.7437122937	0.017793092	0.7407623332	0.130424998	0.0155568565	−0.001838031	9.726734e−01	HIST1H2BL
ENSG00000185133	4.469754e+01	−0.184675681	0.1611000407	−0.212732388	0.1054390247	−0.197089785	0.1336238678	−0.274458093	3.602772e−02	INPP5J
ENSG00000185155	1.078132e+00	0.083556053	0.0427418769	0.013494227	0.7430424051	0.024226769	0.5559262652	0.036021445	3.814828e−01	MIXL1
ENSG00000185220	1.951695e+02	−0.060869518	0.5278480141	0.099841996	0.3016752631	0.236136901	0.0144293669	0.174757375	7.192740e−02	PGBD2
ENSG00000185238	4.155503e+02	0.156141372	0.0366706049	0.080434022	0.2863572218	0.088310371	0.2420415356	0.138778076	6.826317e−02	PRMT3
ENSG00000185245	1.297979e+02	−0.201188216	0.1006742997	−0.348012507	0.0045436273	−0.156958742	0.2002358931	−0.396947505	1.210983e−03	GP1BA
ENSG00000185304	1.606178e+01	0.128725240	0.2265708826	0.233082814	0.0282144545	0.284369996	0.0074311662	0.208472712	4.867695e−02	RGPD2
ENSG00000185324	1.621710e+03	0.170197484	0.0486492124	0.103188079	0.2351050716	0.051251109	0.5554878261	0.009359481	9.149485e−01	CDK10
ENSG00000185338	5.647596e+01	0.165025206	0.1602617746	0.279009472	0.0172130394	0.169363977	0.1480227708	0.324999311	5.316805e−03	SOCS1
ENSG00000185339	3.236088e+02	0.104748568	0.4234172737	0.055564412	0.6703692729	0.157244921	0.2283660975	0.374245144	4.029967e−03	TCN2
ENSG00000185340	1.134994e+03	−0.225561737	0.0452146136	−0.328695572	0.0035942374	−0.130186691	0.2487076887	−0.191067990	9.128027e−02	GAS2L1
ENSG00000185347	6.260897e+02	0.313848670	0.0091245469	0.089942837	0.4552597417	0.205071711	0.0886430138	−0.076601808	5.251661e−01	C14orf80
ENSG00000185359	2.786809e+03	0.171819593	0.0029705074	0.050181607	0.3906651210	0.033770552	0.5635915933	0.043883224	4.584939e−01	HGS
ENSG00000185404	1.427023e+03	0.102268000	0.0649279452	0.043744775	0.4347582175	0.126421365	0.0239236529	0.109910507	5.259842e−02	SP140L
ENSG00000185420	5.224400e+01	−0.167151908	0.1739071479	−0.168592989	0.1701621008	−0.181953168	0.1390303941	−0.253272919	3.943204e−02	SMYD3
ENSG00000185432	2.250046e+03	0.008826729	0.9313871857	0.040104007	0.6967869646	0.066730085	0.5167531128	0.332453314	1.303529e−03	METTL7A
ENSG00000185437	1.421463e+01	−0.095036475	0.4679863738	0.120065892	0.3580500097	−0.263721057	0.0429992716	0.030499721	8.144675e−01	SH3BGR
ENSG00000185477	6.990733e+03	0.024696439	0.7596791666	−0.007968794	0.9219517173	−0.021171797	0.7946369886	−0.186753052	2.290455e−02	GPRIN3
ENSG00000185485	3.590816e+02	0.161408407	0.1444033410	−0.266436145	0.0164248495	−0.089820380	0.4182993752	−0.040326776	7.171138e−01	SDHAP1
ENSG00000185499	9.312188e+01	0.085642340	0.5152387363	0.243749693	0.0631497503	0.127798840	0.3299078311	0.390220244	2.813968e−03	MUC1
ENSG00000185504	2.144277e+03	−0.053381540	0.3523686909	−0.108770036	0.0607613246	−0.156049516	0.0071730569	−0.071218676	2.252266e−01	FAAP100
ENSG00000185507	3.711135e+03	0.219608284	0.0918507590	0.100530076	0.4393235504	−0.056743934	0.6624717856	0.323911539	1.247166e−02	IRF7
ENSG00000185513	3.500986e+02	0.172510684	0.0674388184	0.189516141	0.0456586757	0.159449475	0.0928791021	−0.006425083	9.464243e−01	L3MBTL1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000185522	1.818573e+02	0.255266658	0.0134458444	−0.040475070	6.971350e−01	−0.021276560	0.837936559	−0.020529748	8.442620e−01	LMNTD2
ENSG00000185527	2.669745e+02	−0.301479118	0.0027671430	−0.249070691	1.381735e−02	−0.145559908	0.149950238	−0.299266224	3.237480e−03	PDE6G
ENSG00000185567	5.112313e+02	−0.263903108	0.0388593615	−0.149703056	2.406032e−01	−0.219707136	0.085052481	−0.246009133	5.341503e−02	AHNAK2
ENSG00000185608	4.877531e+02	−0.111152029	0.0380148837	−0.022826768	6.723067e−01	−0.079978109	0.139689312	−0.033101239	5.450152e−01	MRPL40
ENSG00000185641	6.147838e+03	−0.183855888	0.0001583641	−0.040157455	4.142492e−01	−0.064672078	0.188659916	−0.169493084	6.773884e−04	AC034236.1
ENSG00000185650	1.172772e+04	−0.073687658	0.4147168907	−0.194825062	3.207142e−02	−0.107949900	0.234946173	−0.200876806	2.824657e−02	ZFP36L1
ENSG00000185658	2.285188e+03	−0.067937070	0.2035237725	−0.020263756	7.073831e−01	−0.023206387	0.667379775	−0.190892338	4.885841e−04	BRWD1
ENSG00000185710	3.587518e+01	0.258932027	0.0342104991	0.328075908	7.081509e−03	0.190072062	0.118454732	0.085930197	4.781966e−01	SMG1P4
ENSG00000185722	2.376671e+03	0.176791035	0.0038494178	0.050229061	4.164068e−01	0.165261254	0.007475693	0.245802097	8.387943e−05	ANKFY1
ENSG00000185728	3.981469e+03	0.099148593	0.0992975114	0.044864002	4.603196e−01	−0.097321465	0.109454897	−0.156415759	1.103428e−02	YTHDF3
ENSG00000185745	4.713122e+02	0.191421923	0.1019632857	0.105644859	3.650014e−01	−0.010021735	0.931515568	0.411619995	3.918451e−04	IFIT1
ENSG00000185792	6.867350e+00	0.007759165	0.9468649624	0.244730012	3.579119e−02	0.122430116	0.292039335	0.158743228	1.707142e−01	NLRP9
ENSG00000185834	5.139153e+03	−0.184239033	0.0061782261	−0.045393919	5.036964e−01	−0.096568262	0.154945472	−0.161512081	1.865516e−02	RPL12P4
ENSG00000185839	4.919598e+02	−0.142955271	0.0347774153	−0.024727960	7.168207e−01	0.037221561	0.584928732	−0.052095187	4.500210e−01	AL035411.1
ENSG00000185880	7.015472e+02	0.071456867	0.5554359730	0.055002904	6.500086e−01	0.107523311	0.375060931	0.298084464	1.395044e−02	TRIM69
ENSG00000185885	1.099150e+03	0.246943366	0.0504283261	0.162843852	1.953032e−01	0.075203030	0.549788144	0.462409847	2.196845e−04	IFITM1
ENSG00000185899	1.230814e+00	−0.061527713	0.2803858445	−0.074973801	1.876464e−01	−0.112274640	0.047904275	−0.078176230	1.694219e−01	TAS2R60
ENSG00000185900	2.975129e+02	−0.140126682	0.1989996562	−0.329992102	2.593851e−03	0.050925025	0.641350469	0.029261166	7.895710e−01	POMK
ENSG00000185905	1.972817e+03	0.258010004	0.0272364399	0.116330698	3.200748e−01	0.182066561	0.119664156	0.165891753	1.568481e−01	C16orf54
ENSG00000185917	3.937003e+02	0.183594610	0.0181766073	0.079691046	3.097514e−01	0.133296780	0.089245556	0.137352933	8.266894e−02	SETD4
ENSG00000185924	1.423512e+00	0.195898379	0.0222542352	0.059467367	4.832521e−01	0.265133576	0.001981065	0.133384497	1.163561e−01	RTN4RL1
ENSG00000185946	6.307646e+02	0.169088266	0.0137747353	0.141938197	4.061965e−02	0.191533072	0.005724351	0.039292156	5.752392e−01	RNPC3
ENSG00000185947	1.673113e+03	0.226030168	0.0195418045	0.052974983	5.861542e−01	−0.039871754	0.682056682	−0.094010895	3.370578e−01	ZNF267
ENSG00000185950	3.398689e+03	−0.076268866	0.5366579825	0.030747153	8.025526e−01	−0.002189408	0.985794438	0.295427076	1.577461e−02	IRS2
ENSG00000185958	2.263241e+00	0.095312828	0.2209892562	0.168158712	3.096436e−02	0.072850138	0.347812325	0.135542947	8.095714e−02	FAM186A
ENSG00000186001	1.203854e+03	0.093214464	0.0509028228	−0.003722244	9.386600e−01	0.096113379	0.046668632	0.014982474	7.597682e−01	LRCH3
ENSG00000186063	4.226151e+02	−0.004718341	0.9600108989	0.089548600	3.434962e−01	0.192438170	0.041678855	0.356595382	1.737212e−04	AIDA
ENSG00000186088	2.888536e+03	−0.033876278	0.5751387121	0.081646275	1.808242e−01	0.080522239	0.186978255	−0.141612900	2.195863e−02	GSAP
ENSG00000186111	2.936180e+03	−0.007969498	0.9091203686	−0.146332794	3.783174e−02	−0.076315311	0.278752296	−0.029221967	6.815120e−01	PIP5K1C
ENSG00000186141	1.087678e+03	0.133544865	0.0156703832	0.090542553	1.050651e−01	0.026590933	0.634588844	0.055799581	3.244129e−01	POLR3C
ENSG00000186162	5.668208e+02	0.063935536	0.4723741833	−0.047611927	5.950728e−01	−0.140851581	0.116225419	−0.264353497	3.461380e−03	CIDECP
ENSG00000186166	8.286981e+02	0.172309668	0.0220914759	0.073904478	3.306972e−01	0.145255650	0.055833347	0.076455383	3.188430e−01	CCDC84
ENSG00000186185	1.063219e+01	0.214038518	0.0332946875	0.202345687	4.358303e−02	0.250212808	0.012586795	0.200000171	4.524928e−02	KIF18B
ENSG00000186260	5.109361e+02	−0.010914792	0.8856570235	−0.136376664	7.527625e−02	−0.092224516	0.228987995	−0.382810341	8.185770e−07	MKL2
ENSG00000186340	1.337424e+01	−0.339521893	0.0095835514	0.114615729	3.814145e−01	−0.136369562	0.297048347	−0.177500108	1.725857e−01	THBS2
ENSG00000186364	1.005375e+02	0.195100674	0.0712048582	0.223923898	3.891177e−02	0.016001149	0.883190527	0.156867801	1.496761e−01	NUDT17
ENSG00000186407	6.908939e+03	−0.071529319	0.5507479762	−0.028862132	8.098582e−01	−0.230685399	0.054473659	−0.282026338	1.880741e−02	CD300E
ENSG00000186409	6.151294e+01	0.281921440	0.0192384063	0.232027588	5.434096e−02	0.314818284	0.008997787	0.303726367	1.172109e−02	CCDC30
ENSG00000186417	5.308776e+01	0.020494555	0.8209233190	−0.020311811	8.220608e−01	0.096906428	0.283364695	0.340100214	1.602998e−04	GLDN
ENSG00000186446	1.916048e+01	0.200353836	0.1280677413	0.282530679	3.131673e−02	0.063656730	0.627415897	0.168255577	1.977657e−01	ZNF501
ENSG00000186468	2.192056e+04	−0.177609868	0.0106294283	−0.040921404	5.595989e−01	−0.013017033	0.852766595	−0.131624779	6.340818e−02	RPS23
ENSG00000186469	3.957432e+03	−0.098726424	0.1558565434	−0.143185194	4.136526e−02	0.010050991	0.886112353	−0.142336061	4.485882e−02	GNG2
ENSG00000186523	7.359114e+00	−0.284864022	0.0066770291	−0.045025757	6.689060e−01	0.008298278	0.937193226	−0.236942192	2.309138e−02	FAM86B1
ENSG00000186529	7.561057e+01	0.053041969	0.6858516041	0.158469811	2.256277e−01	0.360118031	0.005883562	0.283697213	2.951495e−02	CYP4F3
ENSG00000186567	3.693998e+01	−0.203628183	0.1209617927	−0.273117451	3.683494e−02	−0.079920503	0.541394785	−0.174652847	1.800355e−01	CEACAM19
ENSG00000186577	6.294436e+02	−0.108776179	0.0718896152	−0.093541410	1.251815e−01	−0.144031274	0.018439881	−0.112738116	6.807247e−02	SMIM29
ENSG00000186583	1.353876e+01	0.063235982	0.6084553503	−0.081769734	5.056588e−01	−0.013471288	0.912707300	−0.252742160	3.817252e−02	SPATC1
ENSG00000186594	1.955518e+03	0.280916135	0.0055721082	0.193867720	5.679802e−02	0.068523190	0.500858410	0.126642495	2.157869e−01	MIR22HG
ENSG00000186638	1.954646e+01	0.229711628	0.0739425891	0.164224638	1.996596e−01	0.260882351	0.041678757	−0.073312204	5.642878e−01	KIF24
ENSG00000186642	1.650049e+02	0.317196801	0.0144053402	0.190966053	1.399799e−01	0.255229585	0.048542851	0.161015607	2.123169e−01	PDE2A
ENSG00000186654	3.389627e+01	0.371430758	0.0048242048	0.078270473	5.511898e−01	0.227360715	0.083445644	0.318885451	1.476351e−02	PRR5
ENSG00000186676	5.988504e+00	−0.437224233	0.0002415266	−0.293167108	1.385676e−02	−0.214696157	0.071781235	−0.356076361	2.643771e−03	EEF1GP1
ENSG00000186716	2.135084e+03	−0.093386429	0.2016615699	−0.152926475	3.817889e−02	−0.190492432	0.009840370	−0.148370121	4.651557e−02	BCR
ENSG00000186806	6.118981e+01	0.148267974	0.2512257348	0.169683763	1.883167e−01	0.263319281	0.041153093	0.158834034	2.171114e−01	VSIG10L
ENSG00000186810	1.592044e+02	0.283941659	0.0285796686	0.172111154	1.828364e−01	−0.088906281	0.491300746	−0.088861709	4.894782e−01	CXCR3
ENSG00000186812	2.315662e+02	0.215677092	0.0132697245	0.079893304	3.631410e−01	0.226835492	0.009675308	0.146675285	9.738726e−02	ZNF397
ENSG00000186814	2.501907e+02	0.202591604	0.0226123501	0.002086296	9.814504e−01	0.017569066	0.844831765	0.051727699	5.665973e−01	ZSCAN30
ENSG00000186827	1.795643e+01	0.403378194	0.0012277690	0.341547039	6.003574e−03	0.386569130	0.001873134	0.166212572	1.781239e−01	TNFRSF4
ENSG00000186866	6.906922e+02	0.174843165	0.0199574956	0.087548109	2.480928e−01	0.030433185	0.688348762	0.029544707	6.998008e−01	POFUT2
ENSG00000186871	8.855913e+00	0.260520600	0.0184780412	0.208993475	5.779441e−02	0.194234270	0.077608930	0.177369720	1.055435e−01	ERCC6L
ENSG00000186891	9.611462e+00	0.103215339	0.2930877284	0.220281451	2.464325e−02	0.229547173	0.019166083	0.165521364	9.005380e−02	TNFRSF18
ENSG00000186907	1.230593e+02	−0.179311694	0.1349686118	−0.263343410	2.836067e−02	−0.166924736	0.164470956	0.005430728	9.638793e−01	RTN4RL2
ENSG00000186952	2.263500e+00	−0.159615218	0.0900345000	−0.188266689	4.485804e−02	0.008603206	0.927504851	−0.064739023	4.912251e−01	TMEM232
ENSG00000187024	4.887547e+00	−0.076343766	0.4954958341	−0.166733834	1.340872e−01	−0.219453570	0.048010360	−0.221759350	4.536593e−02	PTRH1
ENSG00000187051	1.381535e+03	−0.100775863	0.0625401021	−0.060295845	2.699098e−01	−0.121845753	0.025964653	−0.154048888	5.446330e−03	RPS19BP1
ENSG00000187091	4.753963e+02	0.102983489	0.3247303527	−0.067862632	5.180719e−01	−0.207546633	0.048264059	−0.092224643	3.821630e−01	PLCD1
ENSG00000187097	3.390246e+02	0.039570775	0.6670407094	0.086314235	3.504658e−01	−0.019469559	0.833455098	0.187034135	4.437830e−02	ENTPD5
ENSG00000187109	2.107306e+04	−0.136772954	0.0316202404	−0.110575127	8.524475e−02	−0.083679119	0.192778042	−0.193030804	2.983378e−03	NAP1L1
ENSG00000187118	3.614329e+02	0.055927584	0.3990821379	0.181080158	6.618148e−03	0.180916686	0.006725321	0.128494966	5.719835e−02	CMC1
ENSG00000187164	4.754255e+03	−0.214718164	0.0098228862	−0.163323722	5.113870e−02	−0.093623198	0.263554423	−0.069730001	4.090516e−01	SHTN1
ENSG00000187186	1.912399e+01	−0.123777008	0.3462997831	−0.225299459	8.533716e−02	−0.058442553	0.655505402	−0.388067310	2.889872e−03	AL162231.1
ENSG00000187240	7.404051e+01	0.054998108	0.6689408816	0.220778911	8.536794e−02	0.047986565	0.708697432	0.258425628	4.357697e−02	DYNC2H1
ENSG00000187266	6.496366e+01	0.131163287	0.2630565395	0.237392068	4.267068e−02	0.026075804	0.824496329	0.129167186	2.716690e−01	EPOR
ENSG00000187514	3.034373e+04	−0.060291095	0.1566151497	−0.063990659	1.372114e−01	−0.044243641	0.304143081	−0.096481695	2.713707e−02	PTMA
ENSG00000187531	1.260880e+03	0.180934059	0.0092555418	0.047107139	5.021739e−01	0.069114857	0.324887086	0.119358452	9.247164e−02	SIRT7
ENSG00000187550	5.811061e−01	0.100391078	0.0169404589	0.028788980	4.920146e−01	0.022540834	0.590106963	0.011134499	7.903719e−01	SBK2
ENSG00000187555	5.290038e+03	0.101275013	0.0328278758	0.045766194	3.402999e−01	0.004054270	0.932703721	0.077481279	1.112087e−01	USP7
ENSG00000187583	2.932530e+01	0.137988174	0.2767932606	0.049033426	6.979452e−01	0.051669789	0.682514829	0.286001562	2.305958e−02	PLEKHN1
ENSG00000187608	1.588975e+03	0.172138516	0.1826295062	0.046792874	7.161223e−01	−0.066127306	0.607316339	0.448577314	4.606264e−04	ISG15
ENSG00000187627	3.255393e+00	0.200965651	0.0101789715	0.007065113	9.275713e−01	0.054462477	0.483559598	0.155261133	4.601726e−02	RGPD1
ENSG00000187630	7.761423e+02	−0.206983055	0.0161521420	0.031820061	7.129882e−01	−0.047728737	0.581384848	−0.041394926	6.350787e−01	DHRS4L2
ENSG00000187653	3.393396e+04	−0.126837302	0.0832696635	0.002795556	9.698021e−01	−0.076917020	0.297616650	−0.153240062	3.999446e−02	TMSB4XP8
ENSG00000187699	3.057138e+01	−0.357034013	0.0022915448	−0.509584227	1.234235e−05	−0.330066374	0.004663755	−0.457418244	8.111400e−05	C2orf88
ENSG00000187713	9.251104e+02	−0.225585073	0.0037616661	−0.093628967	2.323634e−01	0.019180849	0.806621418	−0.016969163	8.301060e−01	TMEM203
ENSG00000187726	8.081792e+01	0.284701195	0.0269972680	0.070716709	5.824287e−01	0.147718593	0.250680017	0.026860696	8.342376e−01	DNAJB13
ENSG00000187764	2.937066e+03	0.035599431	0.6937441985	0.099239891	2.751416e−01	0.063693004	0.483718773	0.226044765	1.359227e−02	SEMA4D
ENSG00000187778	2.260954e+03	0.043526593	0.3411965039	0.032080406	4.878852e−01	0.035411048	0.444040157	0.099540147	3.366586e−02	MCRS1
ENSG00000187790	1.321958e+02	0.220423551	0.0368607499	0.181956645	8.597336e−02	0.339980034	0.001310291	0.175465314	9.953067e−02	FANCM
ENSG00000187801	3.826256e+01	0.144963713	0.2598778738	0.267377221	3.723794e−02	0.232581547	0.070134538	0.216538347	9.095565e−02	ZFP69B
ENSG00000187848	6.633176e−01	0.013319439	0.8050071490	−0.012603823	8.147728e−01	−0.011852098	0.825258777	0.138994681	1.046809e−02	P2RX2
ENSG00000187855	5.387564e+01	−0.409634923	0.0018285611	−0.206681701	1.147285e−01	−0.165280118	0.207186799	−0.308414206	1.819114e−02	ASCL4
ENSG00000187870	1.567757e+00	0.062186862	0.3425526876	−0.026710996	6.823011e−01	0.151309183	0.021009809	−0.009438519	8.848547e−01	RNFT1P3
ENSG00000188002	7.220741e+01	−0.194610721	0.1218637953	−0.183906391	1.422422e−01	−0.243667007	0.051806910	−0.269165994	3.087925e−02	AC026412.1
ENSG00000188011	7.839783e+00	0.230361453	0.0123945276	0.132748082	1.482054e−01	0.020109841	0.826275506	0.057145562	5.317310e−01	RTP5
ENSG00000188033	4.650234e+01	0.309839047	0.0153284496	0.126213659	3.232503e−01	0.251309408	0.049059869	0.176297203	1.668647e−01	ZNF490
ENSG00000188037	2.071184e+01	−0.176781734	0.1304495281	0.024066522	8.365122e−01	−0.242504409	0.037164462	−0.072428521	5.325409e−01	CLCN1
ENSG00000188042	3.413869e+04	−0.066469817	0.5707036497	−0.159419689	1.743518e−01	−0.204007720	0.082164075	−0.306384529	9.138033e−03	ARL4C
ENSG00000188157	7.516801e+02	0.191139022	0.1444944135	−0.088324464	4.990789e−01	−0.149903473	0.251308572	0.328477712	1.167745e−02	AGRN
ENSG00000188186	2.950202e+03	−0.111704412	0.0103308304	−0.072249792	1.008863e−01	−0.133425400	0.002471953	−0.059225869	1.847425e−01	LAMTOR4
ENSG00000188206	1.916327e+02	0.321531636	0.0076293641	0.283680797	1.865340e−02	0.107960559	0.371086820	0.100523504	4.050075e−01	NA
ENSG00000188215	2.228248e+02	0.393149437	0.0005878995	0.193989418	9.077783e−02	0.093837720	0.413653523	0.129873811	2.586769e−01	DCUN1D3
ENSG00000188219	1.458018e+02	−0.135338339	0.1461521112	−0.203974236	2.960871e−02	−0.074925742	0.423210634	0.162692938	8.236494e−02	POTEE
ENSG00000188227	3.120107e+01	−0.306540034	0.0185694520	−0.051151659	6.936945e−01	0.168421218	0.194935262	0.030105559	8.158528e−01	ZNF793
ENSG00000188242	1.116685e+02	0.297756482	0.0105986422	0.254952766	2.891409e−02	0.181482204	0.120320976	0.144228817	2.177268e−01	PP7080
ENSG00000188243	2.544374e+03	−0.164775029	0.0024025955	0.020599487	7.069571e−01	−0.003117390	0.954648519	−0.110351162	4.694752e−02	COMMD6

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000188283	2.400857e+02	0.212962231	2.161896e−02	0.2776524862	0.002874261	0.025807730	0.7826304408	0.1473461679	1.168628e−01	ZNF383
ENSG00000188305	1.112289e+02	−0.028403596	8.206037e−01	−0.0006892772	0.995605585	0.117826000	0.3462792806	0.4069537769	1.114364e−03	C19orf35
ENSG00000188315	5.881198e+02	0.190490329	1.586360e−02	−0.0386571974	0.627935680	−0.006805899	0.9320098906	0.1387174426	8.432369e−02	C3orf62
ENSG00000188316	8.591492e+00	−0.248479191	4.544673e−02	−0.1309669946	0.290815485	−0.002785008	0.9821042840	−0.1506923534	2.219894e−01	ENO4
ENSG00000188352	6.069488e+02	0.158410395	5.211426e−02	0.2251910276	0.006093942	0.199819606	0.0150046841	0.2630781518	1.490243e−03	FOCAD
ENSG00000188375	2.202206e+02	0.018847532	8.286234e−01	−0.1217809239	0.165782837	−0.201055792	0.0224726366	−0.0656110001	4.582786e−01	H3F3C
ENSG00000188383	6.667361e−01	0.021939187	7.046746e−01	0.1401086964	0.016263581	0.032590133	0.5727052993	0.0502125526	3.853355e−01	GPAT2P2
ENSG00000188385	2.466098e+01	0.031560748	8.100495e−01	−0.0871805687	0.505132496	−0.403837651	0.0019981703	−0.2687580661	3.892002e−02	JAKMIP3
ENSG00000188389	6.572624e+01	0.525017844	7.205891e−06	0.1665444837	0.152784104	0.041752020	0.7199088504	0.1149586452	3.214238e−01	PDCD1
ENSG00000188451	1.226501e+01	−0.345044295	8.726149e−03	−0.1507148860	0.250822696	−0.261963352	0.0458057023	−0.1952048964	1.350941e−01	SRP72P2
ENSG00000188460	3.219139e+01	−0.145165053	2.383492e−01	−0.2955476616	0.016689669	−0.024734548	0.8404877089	0.1454963683	2.343870e−01	ACTBP11
ENSG00000188483	2.166371e+02	0.123437925	3.182851e−01	−0.0323746715	0.793534511	−0.329466775	0.0077955947	−0.1180039714	3.399995e−01	IER5L
ENSG00000188493	7.734270e+02	0.054183430	3.976692e−01	0.1423401581	0.027505628	0.089865591	0.1645725385	0.1819431156	5.346253e−03	C19orf54
ENSG00000188522	1.226943e+02	0.360507780	6.216231e−03	0.2114403656	0.107534468	0.127013452	0.3336823204	0.4150636145	1.518382e−03	FAM83G
ENSG00000188529	4.588184e+03	0.119713241	1.561673e−02	0.0188114610	0.707219653	0.084225279	0.0925975610	−0.0005881231	9.907548e−01	SRSF10
ENSG00000188542	3.500565e+02	0.051199165	5.248892e−01	−0.0340835756	0.674854417	−0.133164943	0.1020026817	−0.2929304918	3.717352e−04	DUSP28
ENSG00000188554	3.120170e+03	−0.089756146	1.809063e−02	−0.0022358239	0.953537294	0.009706722	0.8003669092	0.0689048655	7.660816e−02	NBR1
ENSG00000188612	3.147041e+03	−0.101496616	3.202976e−02	0.0003386709	0.994350445	−0.034473925	0.4712952598	−0.0451401539	3.520423e−01	SUMO2
ENSG00000188613	1.921923e+00	−0.012546008	8.467727e−01	0.0740295037	0.254787138	0.138084842	0.0337737125	0.0509259039	4.324390e−01	NANOS1
ENSG00000188636	9.357632e+02	0.029844351	7.104021e−01	0.0232090650	0.774455925	0.025596862	0.7520326603	−0.2084968303	1.082763e−02	RTL6
ENSG00000188641	4.744559e+03	−0.026825626	7.417762e−01	0.1095800621	0.181402184	0.040033359	0.6254156089	0.1663774794	4.431901e−02	DPYD
ENSG00000188659	2.812118e+00	0.120914103	5.959919e−02	0.1314788970	0.040366393	0.047776182	0.4553172352	0.0529300407	4.076502e−01	SAXO2
ENSG00000188690	1.170562e+03	−0.061944162	3.039546e−01	−0.1000908331	0.100257206	−0.070793501	0.2450824393	−0.1457318960	1.806498e−02	UROS
ENSG00000188725	6.996808e+02	0.199457356	3.347219e−02	0.2659564911	0.004787258	0.059254355	0.5301506381	0.1525156759	1.082962e−01	SMIM15
ENSG00000188761	1.696212e+01	0.252517298	4.883189e−02	0.0340962858	0.789069985	0.192058656	0.1321914221	0.2288735559	7.167646e−02	BCL2L15
ENSG00000188763	7.052137e−01	0.061219468	2.361189e−01	0.1082811176	0.036455339	−0.006101893	0.9054856113	0.0287707948	5.764774e−01	FZD9
ENSG00000188766	8.854908e+00	0.090451479	4.716456e−01	0.2519595754	0.044620093	0.141674285	0.2577410879	0.2117225036	8.984799e−02	SPRED3
ENSG00000188779	1.066285e+02	−0.014942914	8.994686e−01	−0.2679317183	0.023890184	−0.126205400	0.2868712005	−0.2654640864	2.545189e−02	SKOR1
ENSG00000188807	6.208157e+02	0.006329801	9.390934e−01	−0.1747414877	0.036502521	−0.046023066	0.5814816252	−0.2179002720	9.754038e−03	TMEM201
ENSG00000188811	9.775918e+02	−0.014632752	8.260823e−01	0.1094092791	0.103165427	0.155631252	0.0204307353	0.0084905821	9.005462e−01	NHLRC3
ENSG00000188822	5.976962e+01	0.046558244	6.925768e−01	0.2940443795	0.012255422	0.139747321	0.2336785859	0.2435798817	3.711402e−02	CNR2
ENSG00000188827	5.061292e+02	0.171945050	2.418715e−02	0.0395466699	0.607558556	0.067069200	0.3838450071	0.0621385587	4.242801e−01	SLX4
ENSG00000188846	1.396393e+04	−0.167674789	1.670564e−03	−0.1477851708	0.006120373	−0.163065400	0.0024905993	−0.1552421611	4.474934e−03	RPL14
ENSG00000188848	1.569718e+01	0.146105563	1.997302e−01	0.3647139728	0.001347177	0.238335529	0.0358936895	0.5128686911	6.117335e−06	BEND4
ENSG00000188856	3.880984e+02	−0.066314187	6.106883e−01	0.2704542137	0.037181658	0.120287928	0.3540198955	0.0363503522	7.784081e−01	RPSAP47
ENSG00000188895	4.914991e+03	−0.119104393	7.354480e−02	−0.1547978202	0.021209686	−0.072767760	0.2786873035	−0.1433298584	3.488813e−02	MSL1
ENSG00000188897	4.486893e+01	0.346637502	8.216037e−03	0.2946741102	0.024305014	0.327237517	0.0123800445	0.2496847273	5.560539e−02	AC099489.1
ENSG00000188906	4.671710e+03	−0.012249257	8.790596e−01	0.0948318785	0.242210099	0.159998164	0.0484750136	0.1527647747	6.192094e−02	LRRK2
ENSG00000188916	3.292368e+00	−0.001324749	9.876800e−01	−0.0458521070	0.591724159	−0.183685060	0.0308190692	−0.0818934882	3.367229e−01	FAM196A
ENSG00000188917	8.309864e+02	−0.065079720	1.844208e−01	−0.0280799782	0.570799118	−0.087884915	0.0767757551	−0.1055126925	3.587361e−02	TRMT2B
ENSG00000188976	2.632746e+03	0.059309764	2.302364e−01	0.0289268745	0.562782331	0.063181997	0.2062405589	0.1313705601	9.462773e−03	NOC2L
ENSG00000188994	2.511415e+03	0.078654567	2.056505e−01	0.0189186553	0.763106262	0.039905265	0.5249725062	−0.1674084570	8.460761e−03	ZNF292
ENSG00000188997	9.895311e+01	0.061677165	5.949004e−01	−0.0355845004	0.759532456	0.244726060	0.0347806980	0.2412834704	3.777901e−02	KCTD21
ENSG00000189001	9.216068e−01	−0.038361523	4.254504e−01	0.0955209952	0.048014803	−0.033925167	0.4802071299	−0.0333398690	4.879941e−01	SBSN
ENSG00000189043	2.797755e+03	−0.085860437	3.848670e−02	−0.0230987289	0.581869883	−0.040108631	0.3392940486	−0.1077422212	1.137490e−02	NDUFA4
ENSG00000189046	1.253186e+02	−0.045497196	6.578614e−01	−0.0211093222	0.837770335	−0.067408238	0.5138822078	−0.2450599026	1.842631e−02	ALKBH2
ENSG00000189060	2.361898e+03	−0.143237315	2.758464e−01	−0.2666127457	0.041976112	−0.371798375	0.0045666432	−0.4216173532	1.250736e−03	H1F0
ENSG00000189079	1.397347e+03	0.006682604	9.255504e−01	−0.0289659283	0.688070426	−0.040710758	0.5726907509	−0.2242852537	2.121467e−03	ARID2
ENSG00000189091	3.819513e+03	0.000841821	9.846838e−01	0.0294855900	0.506028293	0.081911296	0.0646541017	0.2055988643	4.710309e−06	SF3B3
ENSG00000189159	1.719835e+03	−0.162397484	2.209399e−02	−0.0922793080	0.197191494	−0.013337794	0.8521076924	−0.1608360047	2.616603e−02	JPT1
ENSG00000189227	3.092597e+02	−0.210776409	2.085592e−02	−0.2663357549	0.003720097	−0.144963943	0.1139707861	−0.1781870791	5.373704e−02	C15orf61
ENSG00000189233	4.738948e+00	0.050405600	5.401522e−01	−0.0295211726	0.718854266	0.175037755	0.0333199989	0.1260365988	1.244217e−01	NUGGC
ENSG00000189292	6.662778e−01	0.035658017	4.742908e−01	0.0368449917	0.459608908	0.030970434	0.5333435258	0.1071503082	3.183321e−02	ALKAL2
ENSG00000189343	7.166052e+03	−0.188338393	1.350135e−03	−0.0971809486	0.101520744	−0.131592528	0.0266194666	−0.1546733609	1.004770e−02	AC004448.1
ENSG00000189350	3.929573e+01	0.026721115	8.145322e−01	0.1456554951	0.199593234	0.264578164	0.0198407986	0.2199769285	5.177554e−02	TOGARAM2
ENSG00000189403	7.899222e+03	−0.077771884	1.447273e−01	−0.0131152143	0.807709865	−0.024563755	0.6485455614	−0.1159755208	3.366620e−02	HMGB1
ENSG00000196074	5.627462e+01	0.142541012	2.660888e−01	0.2843426380	0.026167328	0.333547413	0.0090896021	0.1642001990	1.986463e−01	SYCP2
ENSG00000196083	4.969125e+02	0.028697937	7.905258e−01	0.1167573917	0.281092119	0.061101467	0.5728412035	0.3653137692	7.718367e−04	IL1RAP
ENSG00000196091	2.664676e+00	−0.057422054	4.767024e−01	0.2309485682	0.004484103	0.028608108	0.7228173039	0.2239379863	5.755649e−03	MYBPC1
ENSG00000196092	2.423424e+02	0.192253483	6.475309e−02	0.1638651523	0.114311631	0.104014942	0.3161468987	0.2707146634	8.828544e−03	PAX5
ENSG00000196114	1.332872e+00	0.140146743	3.680192e−02	0.0852825387	0.202631640	0.113902560	0.0886758807	0.0566004543	3.957552e−01	AL031577.1
ENSG00000196116	9.572686e+02	0.110442560	1.910557e−01	−0.0281051720	0.741185587	0.042786786	0.6150340188	0.2054285598	1.658818e−02	TDRD7
ENSG00000196123	7.187947e+02	0.194526591	3.331762e−02	0.0992988336	0.280273178	0.100702858	0.2736244421	0.1520570190	1.006604e−01	KIAA0895L
ENSG00000196139	1.793911e+01	−0.052578609	6.218843e−01	0.0534581090	0.615266509	0.071653384	0.5004788836	0.2958594140	5.300129e−03	AKR1C3
ENSG00000196141	2.578732e+03	−0.015868443	8.527251e−01	−0.0102281261	0.905381444	−0.186952817	0.0298719386	−0.0246789881	7.760992e−01	SPATS2L
ENSG00000196150	1.399442e+02	0.017066864	8.730147e−01	0.0883589953	0.409110699	−0.070764900	0.5096645292	−0.2436622838	2.390609e−02	ZNF250
ENSG00000196169	1.284969e+00	0.079921329	2.488984e−01	0.0910719613	0.188290802	0.097160131	0.1597828599	0.1636239736	1.844548e−02	KIF19
ENSG00000196187	1.638526e+03	0.172648078	1.527827e−02	0.0998170481	0.164541484	0.175157048	0.0147075358	0.0749378107	3.019453e−01	TMEM63A
ENSG00000196189	1.066125e+04	0.005466270	9.235314e−01	0.1168318225	0.042269865	0.090405398	0.1161015206	0.0082349850	8.875899e−01	SEMA4A
ENSG00000196205	7.472963e+04	−0.173401236	1.446781e−03	−0.0746504233	0.174800842	−0.087575827	0.1114143826	−0.1815713706	1.120628e−03	EEF1A1P5
ENSG00000196208	8.328476e−01	0.007648499	8.863759e−01	0.1726277540	0.001359493	0.022070162	0.6796417905	0.0875550029	1.024820e−01	GREB1
ENSG00000196214	4.650381e+02	−0.017091603	8.273348e−01	−0.0926883340	0.240937473	−0.258591339	0.0011054004	−0.2602276075	1.136812e−03	ZNF766
ENSG00000196236	3.534806e+02	−0.046983312	4.612262e−01	0.0063462430	0.921372051	−0.128235950	0.0473047104	−0.1483161877	2.312622e−02	XPNPEP3
ENSG00000196262	9.664132e+03	−0.083256558	3.081302e−02	0.0002562231	0.994758402	−0.043090415	0.2693902822	−0.0498671458	2.075806e−01	PPIA
ENSG00000196275	7.093306e+01	0.113148361	3.852971e−01	0.1969680521	0.129793810	0.308417731	0.0176681576	0.0970422312	4.542799e−01	GTF2IRD2
ENSG00000196284	2.131381e+02	−0.220401999	1.409396e−02	−0.0827468625	0.358473533	−0.089294985	0.3221326594	−0.1368959155	1.316802e−01	SUPT3H
ENSG00000196295	1.860756e+03	0.087117904	3.378322e−01	0.0779485703	0.393934676	0.237447431	0.0093901821	−0.0477863785	6.039405e−01	AC005154.1
ENSG00000196305	1.894066e+03	0.016835068	7.498339e−01	−0.0276213151	0.604884369	0.112705068	0.0345852058	0.2210583612	4.187132e−05	IARS
ENSG00000196313	2.995710e+03	0.133684890	1.902065e−02	0.0223180418	0.698512336	0.025991227	0.6519921655	0.0371934905	5.238149e−01	POM121
ENSG00000196323	2.049394e+03	0.026523081	5.854997e−01	0.0449633504	0.360398211	0.053938842	0.2727185146	0.1073558361	3.108206e−02	ZBTB44
ENSG00000196357	7.005354e+01	0.243088457	3.525529e−02	0.0375737196	0.745985714	−0.114084306	0.3268863647	−0.0177299039	8.788214e−01	ZNF565
ENSG00000196365	1.708300e+03	0.077729945	2.099182e−01	−0.0351831692	0.574346290	−0.060322984	0.3357811336	0.1511160992	1.701521e−02	LONP1
ENSG00000196372	9.618512e+02	−0.225685402	6.608893e−03	−0.1172182980	0.161088012	−0.088345992	0.2908899802	−0.0807039571	3.385890e−01	ASB13
ENSG00000196378	3.719791e+02	−0.153673611	8.619649e−02	−0.1736577547	0.054012839	−0.131700001	0.1439469215	−0.2102312522	2.063922e−02	ZNF34
ENSG00000196415	1.422284e+00	0.005494094	8.814970e−01	0.0017610129	0.961877191	−0.001815745	0.9606714078	0.1316410850	3.575260e−04	PRTN3
ENSG00000196418	5.243223e+02	0.225352801	2.545007e−02	0.1614994899	0.110929348	0.195207886	0.0540188655	−0.1098946228	2.811545e−01	ZNF124
ENSG00000196421	1.243807e+01	−0.053566741	6.620527e−01	−0.3128888021	0.010163083	−0.242331490	0.0466063672	−0.3289799556	6.609630e−03	C20orf204
ENSG00000196428	1.762732e+03	0.129158501	1.025464e−01	−0.1074140224	0.178110288	−0.206799672	0.0095629263	−0.2116097113	8.623490e−03	TSC22D2
ENSG00000196433	2.536788e+00	−0.010670305	9.080758e−01	0.0020894700	0.981937099	0.309675737	0.0009013651	−0.0638697635	4.860387e−01	ASMT
ENSG00000196449	1.167499e+03	−0.118216944	6.527396e−02	−0.0686527568	0.288648256	−0.056310395	0.3842406586	−0.1683653313	1.019723e−02	YRDC
ENSG00000196453	6.838623e+02	−0.095144437	2.441174e−01	−0.2308231342	0.005071266	−0.157358651	0.0559952442	−0.0701541467	3.980008e−01	ZNF777
ENSG00000196455	5.935757e+02	0.244658947	2.548249e−03	0.1786922165	0.028780074	0.214492750	0.0086789634	0.2513667259	2.285974e−03	PIK3R4
ENSG00000196466	1.494128e+02	−0.160553980	1.604959e−01	−0.1788554613	0.118679810	−0.026442040	0.8173946999	−0.2598130096	2.375347e−02	ZNF799
ENSG00000196504	4.538933e+03	0.086192210	6.463016e−02	0.0269246741	0.568236543	0.035441413	0.4526327045	0.1041099294	2.945617e−02	PRPF40A
ENSG00000196507	2.428217e+02	−0.116785122	1.741905e−01	−0.0230142683	0.789920914	−0.031549030	0.7151999536	−0.2079308688	1.727475e−02	TCEAL3
ENSG00000196511	1.146722e+03	−0.127401694	1.186341e−02	−0.0169549235	0.739935555	−0.071157466	0.1642542854	−0.1426912089	5.958854e−03	TPK1
ENSG00000196531	3.011967e+04	−0.277815521	5.587720e−08	−0.0767806939	0.137494709	−0.117649077	0.0228701243	−0.2263915986	1.550755e−05	NACA
ENSG00000196550	5.481819e+01	0.134703233	2.896688e−01	0.1993877718	0.116449264	0.052136956	0.6818416696	0.3220356597	1.104327e−02	FAM72A
ENSG00000196569	1.117607e+01	0.228487494	6.471104e−02	0.1231357396	0.317097626	0.101027391	0.4113720767	0.2713689198	2.694535e−02	LAMA2
ENSG00000196576	2.118830e+04	−0.102306279	1.382404e−01	−0.1849535146	0.007906502	−0.151707161	0.0293618431	−0.0606529111	3.889188e−01	PLXNB2
ENSG00000196584	1.504138e+01	0.184236568	1.575243e−01	0.0642826245	0.620539810	0.277116937	0.0329990095	0.1296883874	3.154042e−01	XRCC2
ENSG00000196588	7.146250e+03	−0.056359317	3.123670e−01	−0.1379973268	0.014372642	−0.045304369	0.4215649845	−0.0237827247	6.769479e−01	MKL1
ENSG00000196591	2.396117e+03	0.015741445	7.114999e−01	0.0468770684	0.276090602	0.097887883	0.0229274792	0.0461382142	2.904349e−01	HDAC2
ENSG00000196604	3.082791e+01	−0.094127905	4.549835e−01	−0.1995294507	0.113243893	−0.154697353	0.2194371818	0.2638362393	3.510496e−02	POTEF
ENSG00000196642	3.949820e+03	−0.031054552	5.353903e−01	−0.0968399286	0.055971209	−0.114316836	0.0241013987	−0.0371851509	4.688283e−01	RABL6

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000196646	5.083942e+02	0.110794485	2.134581e−01	0.022988904	0.7976571073	−0.2267456112	1.164934e−02	−0.155269792	0.0861093025	ZNF136
ENSG00000196653	7.288791e+01	0.170246179	1.963080e−01	0.378339075	0.0039738978	0.1710272136	1.929748e−01	0.229485510	0.0795355639	ZNF502
ENSG00000196659	6.321114e+01	0.120800249	3.011831e−01	0.266403282	0.0224212109	0.3124468295	7.405115e−03	0.328655603	0.0048837313	TTC30B
ENSG00000196668	1.432410e+02	−0.080968610	4.906263e−01	0.113432682	0.3341259525	0.0298995758	7.992085e−01	−0.248330739	0.0351122279	LINC00173
ENSG00000196683	3.972108e+03	−0.244307534	1.127817e−03	−0.032227319	0.6699260950	−0.0218937448	7.721534e−01	−0.179850444	0.0185474914	TOMM7
ENSG00000196696	2.558053e+02	0.154909521	1.783669e−01	0.122523658	0.2880344917	0.2667482474	2.065759e−02	0.200123375	0.0830846295	PDXDC2P−NPIPB14P
ENSG00000196704	1.496685e+03	0.072321183	2.731252e−01	0.145009264	0.0294138320	0.0350415005	5.990526e−01	−0.028954843	0.6675122578	AMZ2
ENSG00000196735	6.284661e+04	−0.016468151	8.872459e−01	0.177080705	0.1278669024	0.2017132348	8.285394e−02	−0.255601565	0.0282404390	HLA−DQA1
ENSG00000196756	7.632308e+02	−0.191611131	2.476377e−02	−0.274445808	0.0014106585	−0.2309218902	7.226081e−03	−0.244684376	0.0047514986	SNHG17
ENSG00000196757	8.119997e+02	0.137993051	6.102037e−02	0.094342451	0.2042639813	0.1712998137	2.111933e−02	0.123596774	0.0995340664	ZNF700
ENSG00000196781	2.281996e+02	0.054955541	6.765023e−01	0.078328090	0.5509028548	0.0173563972	8.948635e−01	0.402677084	0.0020880819	TLE1
ENSG00000196782	3.284160e+03	−0.112951700	5.108863e−02	−0.161149908	0.0058713567	−0.2391092155	4.399229e−05	−0.137915884	0.0198996583	MAML3
ENSG00000196814	1.762231e+03	−0.167975321	8.493043e−02	−0.266323645	0.0065700414	−0.2913942594	2.945274e−03	−0.105595193	0.2839521566	MVB12B
ENSG00000196843	3.161566e+03	0.111249978	1.551910e−01	−0.025246956	0.7489392236	−0.1858791713	1.850845e−02	−0.042206666	0.5962001374	ARID5A
ENSG00000196878	1.982512e+02	0.496562603	9.064674e−05	0.311324102	0.0137449118	0.1804574279	1.531963e−01	0.280581794	0.0256512304	LAMB3
ENSG00000196911	4.413412e+02	0.023202330	7.578460e−01	0.007209940	0.9242895176	0.0176315096	8.163128e−01	−0.171186654	0.0259754292	KPNA5
ENSG00000196914	4.125229e+02	0.170814766	1.484211e−01	0.072667329	0.5391364089	0.2537656507	3.192921e−02	0.224938806	0.0575553048	ARHGEF12
ENSG00000196917	3.552710e+00	0.140583257	6.571329e−02	0.078051137	0.3055863102	0.1550146111	4.202701e−02	0.027752889	0.7146476092	HCAR1
ENSG00000196923	5.589896e+02	0.233207616	1.714729e−02	0.034257504	0.7277134678	0.0994887775	3.118882e−01	0.191351096	0.0530621963	PDLIM7
ENSG00000196933	1.754211e+00	0.149071020	1.666107e−02	0.061004520	0.3256412759	0.0372817938	5.473359e−01	0.071346549	0.2496326638	RPS26P11
ENSG00000196937	3.044525e+02	−0.011890589	8.834504e−01	0.144992239	0.0751547630	0.2140012554	8.592945e−03	0.027581576	0.7377135287	FAM3C
ENSG00000196943	2.442322e+03	0.034459187	5.924054e−01	0.061447255	0.3442765704	0.1319512676	4.223843e−02	−0.004341394	0.9473497598	NOP9
ENSG00000196961	6.332273e+03	−0.042496644	4.297848e−01	−0.120848710	0.0263334822	−0.0464015059	3.936790e−01	0.019205643	0.7273753770	AP2A1
ENSG00000196967	1.009614e+02	−0.192292444	4.851701e−02	0.085865138	0.3761869792	−0.0242348761	8.036008e−01	0.161070902	0.0987494094	ZNF585A
ENSG00000196975	2.190862e+03	−0.035539502	5.437553e−01	−0.004350537	0.9413318244	−0.0657625317	2.662486e−01	0.125260013	0.0362132736	ANXA4
ENSG00000196993	1.588194e+00	0.111630730	1.752980e−01	0.072521081	0.3771397270	0.1681031818	4.122668e−02	0.060337042	0.4603382935	NPIPB9
ENSG00000197006	4.225976e+03	−0.157465122	2.575895e−02	−0.058392806	0.4122855384	−0.0959145906	1.781406e−01	−0.066512451	0.3555167411	METTL9
ENSG00000197008	1.980950e+02	−0.137620101	1.072312e−01	0.030909194	0.7181555118	−0.1764893787	4.048204e−02	−0.149638612	0.0845749799	ZNF138
ENSG00000197019	8.842060e+02	0.190070602	1.086600e−01	−0.011042033	0.9258225420	−0.2922640042	1.376454e−02	−0.114688476	0.3341669848	SERTAD1
ENSG00000197021	7.517180e+02	0.153746423	4.455999e−03	0.046762948	0.3928709748	0.0589761541	2.815139e−01	−0.007442495	0.8934252094	CXorf40B
ENSG00000197024	7.162603e+02	−0.120255746	1.772574e−01	−0.209480160	0.0195531456	−0.1421967596	1.129324e−01	−0.144445155	0.1099728314	ZNF398
ENSG00000197037	8.566731e+02	−0.072658903	2.930104e−01	−0.144248046	0.0386926982	−0.0823653149	2.376885e−01	−0.174226985	0.0135239820	ZSCAN25
ENSG00000197044	1.115302e+02	0.005482599	9.660542e−01	−0.132609975	0.3026670450	−0.1946669813	1.303597e−01	−0.254512379	0.0474588173	ZNF441
ENSG00000197057	1.933847e+00	0.057850483	4.814575e−01	−0.009167224	0.9107656904	0.1650982421	4.476133e−02	−0.017974374	0.8256046559	DTHD1
ENSG00000197061	5.491961e−01	0.011456516	8.194830e−01	0.002097979	0.9666673179	0.0644982512	1.994788e−01	0.123911078	0.0140285173	HIST1H4C
ENSG00000197063	1.932896e+03	0.240696095	1.312048e−02	0.110467668	0.2573595203	−0.0514117297	5.982140e−01	0.020872249	0.8315722866	MAFG
ENSG00000197093	2.759383e+01	0.269649719	4.021761e−02	0.379506971	0.0037694792	0.2588504872	4.810599e−02	0.164465886	0.2071403837	GAL3ST4
ENSG00000197102	1.169953e+04	0.042702040	4.799092e−01	−0.010001073	0.8698753122	0.0431549542	4.796375e−01	0.139105960	0.0243515568	DYNC1H1
ENSG00000197111	8.730218e+03	−0.078385996	5.468325e−02	−0.031560113	0.4444153537	−0.0845199486	4.062223e−02	−0.050640184	0.2263705793	PCBP2
ENSG00000197119	1.701158e+03	−0.119080009	2.341745e−01	−0.107373674	0.2854902577	−0.2025666223	4.395198e−02	−0.227771033	0.0242608373	SLC25A29
ENSG00000197121	1.301009e+02	0.245296740	6.098166e−02	0.151420089	0.2463453548	0.2691181990	3.934790e−02	0.462008706	0.0003869639	PGAP1
ENSG00000197128	1.137937e+02	−0.037979579	7.575750e−01	−0.093221994	0.4488090105	0.0628524173	6.093414e−01	0.266805074	0.0297903852	ZNF772
ENSG00000197150	1.092626e+03	0.066587368	2.352694e−01	0.066119876	0.2433226729	0.0100022311	8.600939e−01	0.157498978	0.0060182068	ABCB8
ENSG00000197157	7.915594e+03	−0.055734011	1.962903e−01	−0.037571121	0.3890965454	−0.0961539545	2.756756e−02	−0.008242918	0.8521852608	SND1
ENSG00000197182	4.314233e+01	0.324124922	9.008575e−03	0.162086560	0.1921256528	0.1657401054	1.824977e−01	0.061476075	0.6212374353	MIRLET7BHG
ENSG00000197183	1.796100e+03	−0.218213393	4.263591e−02	−0.253729638	0.0187717332	−0.0502048335	6.418810e−01	−0.414057838	0.0001335586	NOL4L
ENSG00000197191	1.058667e+01	0.170584624	1.662690e−01	0.055009353	0.6537347320	0.2501519854	4.177282e−02	−0.044321998	0.7158648215	CYSRT1
ENSG00000197217	2.618844e+03	0.039159819	3.740308e−01	0.098987880	0.0262327552	0.1039716481	1.960388e−02	0.009218088	0.8383583399	ENTPD4
ENSG00000197226	8.730880e+03	−0.065258445	2.159947e−01	−0.138748324	0.0092606868	−0.1309560794	1.405072e−02	−0.070923083	0.1891188044	TBC1D9B
ENSG00000197258	1.683508e+03	−0.083625354	1.877563e−01	−0.090207493	0.1593218008	−0.1119575889	8.081823e−02	−0.141258541	0.0294406911	EIF4BP6
ENSG00000197265	8.198653e+02	0.057276030	3.709381e−01	0.151087724	0.0192038409	0.1176467395	6.852470e−02	0.163400470	0.0123408490	GTF2E2
ENSG00000197279	3.395232e+01	0.398914510	1.104998e−03	0.148982737	0.2208973618	−0.0809810785	5.052708e−01	−0.020826881	0.8633625499	ZNF165
ENSG00000197283	3.032992e+02	0.101792884	2.839903e−01	0.130855188	0.1703621159	0.2324874284	1.479141e−02	0.195906239	0.0414097439	SYNGAP1
ENSG00000197301	1.466272e+00	0.095326518	1.306690e−01	0.048811604	0.4377937912	−0.0164127379	7.934368e−01	0.135429408	0.0315628314	AC090673.1
ENSG00000197302	2.151687e+02	−0.018756087	8.130343e−01	0.101576521	0.2018888925	0.1324448946	9.618861e−02	0.160993539	0.0448722662	ZNF720
ENSG00000197332	8.454068e−01	0.033267441	5.765132e−01	0.095313748	0.1105854294	0.1254873223	3.558219e−02	0.034224602	0.5646703633	AC008543.1
ENSG00000197343	3.818942e+03	0.110752169	1.681028e−02	0.099218604	0.0341888229	0.0806925148	8.511097e−02	0.035019588	0.4610905275	ZNF655
ENSG00000197345	8.239763e+02	−0.156098292	1.558228e−02	0.039515903	0.5431737438	−0.0191415132	7.686380e−01	−0.110910049	0.0921677447	MRPL21
ENSG00000197361	4.760396e+00	0.014262361	9.011511e−01	0.239828515	0.0374625334	0.0165495507	8.849722e−01	−0.006558507	0.9540361183	FBXL22
ENSG00000197362	8.315754e+01	−0.225309006	8.062846e−02	−0.243096542	0.0589978527	−0.3193448593	1.315723e−02	−0.126279412	0.3254530244	ZNF786
ENSG00000197363	2.573588e+02	−0.027494508	7.111064e−01	0.012569637	0.8663088889	−0.1485606460	4.789634e−02	0.008728337	0.9081013881	ZNF517
ENSG00000197372	3.623131e+02	−0.044042099	6.875839e−01	−0.051180138	0.6411749102	−0.0535755528	6.257072e−01	−0.229707380	0.0372329746	ZNF675
ENSG00000197381	7.294410e+01	0.144686862	2.723162e−01	0.161146479	0.2199518272	0.0989698369	4.512159e−01	0.293823014	0.0247213636	ADARB1
ENSG00000197461	1.215248e+01	0.259990412	7.524351e−03	0.183626192	0.0583043739	−0.0003514452	9.971025e−01	0.019845732	0.8369451445	PDGFA
ENSG00000197472	7.523505e+00	0.167000163	1.255004e−01	0.299555941	0.0060013723	0.2098467325	5.372189e−02	0.112510255	0.2973641678	ZNF695
ENSG00000197483	1.004515e+03	0.011370030	8.867350e−01	−0.214648432	0.0076912785	−0.1250397063	1.203934e−01	−0.124402095	0.1256632353	ZNF628
ENSG00000197498	3.669165e+02	0.157593581	7.796522e−02	0.166240065	0.0644666762	0.0770048263	3.924151e−01	0.224723793	0.0131292767	RPF2
ENSG00000197520	5.005027e+00	0.026372585	7.684761e−01	0.143347344	0.1094148225	0.1414539789	1.138782e−01	0.237868349	0.0079057094	FAM177B
ENSG00000197536	2.721642e+02	0.182581900	9.620798e−02	0.059668679	0.5878666771	0.2123307022	5.363851e−02	0.216958913	0.0494037518	C5orf56
ENSG00000197555	1.739243e+03	0.377522225	3.744814e−03	0.282036795	0.0299831253	0.4571093149	4.355193e−04	0.289038997	0.0257341407	SIPA1L1
ENSG00000197565	5.151333e−01	0.014844871	6.870810e−01	0.014854292	0.6869162435	0.0819372798	2.632229e−02	0.033208927	0.3672006701	COL4A6
ENSG00000197576	3.834921e+00	−0.030382312	7.381944e−01	−0.183414966	0.0422828506	−0.0834849527	3.560968e−01	−0.100930235	0.2635939719	HOXA4
ENSG00000197586	2.811576e+03	−0.101006938	7.056389e−02	−0.103601099	0.0664320052	−0.1186742503	3.556227e−02	−0.123793057	0.0303368116	ENTPD6
ENSG00000197601	4.251283e+03	0.087950928	1.994121e−01	0.125348862	0.0698772219	0.2047483698	3.064702e−03	0.189219708	0.0067937036	FAR1
ENSG00000197619	2.907728e+02	−0.128067441	1.825815e−01	−0.058519708	0.5441947567	−0.0781573688	4.182264e−01	−0.231932860	0.0171187507	ZNF615
ENSG00000197647	1.493369e+02	−0.176185057	8.896345e−02	−0.098814587	0.3414737170	−0.1029358322	3.220267e−01	−0.363477341	0.0005174322	ZNF433
ENSG00000197653	4.020936e+01	−0.168647149	1.812581e−01	−0.250995716	0.0466114455	−0.1484411933	2.389405e−01	−0.019631969	0.8758576059	DNAH10
ENSG00000197696	1.367664e+02	−0.297379405	8.483982e−03	−0.335439366	0.0030701067	−0.2827861669	1.255138e−02	−0.366298767	0.0012465426	NMB
ENSG00000197713	8.467501e+02	−0.006954540	9.237290e−01	0.052167270	0.4761007562	0.1392559192	5.703818e−02	0.210426404	0.0043970392	RPE
ENSG00000197728	1.820084e+02	−0.229138655	2.292855e−02	−0.072452852	0.4730104781	−0.0084905918	9.329603e−01	−0.136479874	0.1788026384	RPS26
ENSG00000197756	2.414688e+04	−0.172616651	6.854826e−04	−0.030533103	0.5523990163	−0.0448390522	3.829229e−01	−0.179897390	0.0005514399	RPL37A
ENSG00000197768	6.153906e+00	0.262819153	1.724297e−02	0.081315097	0.4579346793	0.0980760296	3.704091e−01	0.076404855	0.4838309100	STPG3
ENSG00000197771	3.786899e+03	−0.024541279	6.992278e−01	0.025275823	0.6934182362	0.0975864514	1.279646e−01	0.171085955	0.0083314153	MCMBP
ENSG00000197779	4.370407e+02	0.095998773	2.533553e−01	0.013712702	0.8713940966	0.2044764395	1.560122e−02	0.082644089	0.3329486698	ZNF81
ENSG00000197780	7.537928e+02	0.049912335	5.891149e−01	0.001541138	0.9867716843	−0.1850165756	4.678065e−02	−0.234870743	0.0121950745	TAF13
ENSG00000197782	1.601432e+02	−0.048629471	6.739305e−01	0.060642893	0.6001019285	0.2688107697	1.998608e−02	0.080463750	0.4872104651	ZNF780A
ENSG00000197798	5.754623e+02	−0.037595237	6.756091e−01	0.028491829	0.7524002449	0.1997946252	2.681702e−02	0.153107802	0.0923464953	FAM118B
ENSG00000197808	1.332658e+02	0.101240204	3.011164e−01	0.259090362	0.0082070342	0.0530761655	5.900559e−01	0.145549591	0.1410582604	ZNF461
ENSG00000197818	1.232614e+03	0.196015660	7.337637e−04	0.102756976	0.0800115622	0.0670704618	2.535948e−01	0.054357864	0.3606488618	SLC9A8
ENSG00000197837	2.844732e+01	0.175878196	1.783075e−01	0.153488836	0.2391321726	0.2337930276	7.290415e−02	0.307435523	0.0179443497	HIST4H4
ENSG00000197847	8.744870e+00	0.043702481	7.043661e−01	0.074945794	0.5140013987	0.1812966448	1.148027e−01	0.270584379	0.0182936294	SLC22A20
ENSG00000197852	1.976205e+02	0.056758127	6.389941e−01	0.045744531	0.7054780431	0.2523687829	3.694458e−02	0.110411821	0.3617072830	FAM212B
ENSG00000197859	2.590465e+00	0.058735682	4.660215e−01	−0.022209759	0.7819153963	0.1914867600	1.759599e−02	0.005555520	0.9447116712	ADAMTSL2
ENSG00000197885	1.384097e+02	−0.128438022	2.265094e−01	−0.003624570	0.9728149046	0.0059051915	9.557418e−01	−0.305193164	0.0044266071	NKIRAS1
ENSG00000197933	1.638318e+02	0.001595718	9.899580e−01	−0.086831316	0.4930897244	−0.1725476878	1.733367e−01	−0.314591379	0.0129102482	ZNF823
ENSG00000197948	1.346347e+03	0.228271236	2.394306e−03	0.193095342	0.0108591061	0.2002331360	8.268248e−03	0.161681362	0.0347408559	FCHSD1
ENSG00000197951	2.817250e+02	−0.187055316	3.587293e−02	−0.313553657	0.0004855199	−0.0438524357	6.244126e−01	−0.136015375	0.1319325262	ZNF71
ENSG00000197956	2.211088e+04	−0.060945668	3.308839e−01	−0.041829577	0.5086398898	−0.0361050756	5.683437e−01	0.127743770	0.0460449197	S100A6
ENSG00000197958	8.834354e+03	−0.180437911	1.044477e−03	−0.046357607	0.4044553841	−0.0874709046	1.157561e−01	−0.165913407	0.0032251917	RPL12
ENSG00000197959	3.202051e+01	−0.243820707	6.300514e−02	−0.300902972	0.0212960978	−0.2661796893	4.165076e−02	−0.457430005	0.0004346138	DNM3
ENSG00000197969	7.844269e+02	0.106215287	2.178364e−01	0.161561885	0.0624919137	0.2704517660	1.811734e−03	0.089475852	0.3064031762	VPS13A
ENSG00000197971	6.754382e+03	−0.155893392	1.888600e−02	−0.142206765	0.0338400219	−0.0555268931	4.073218e−01	−0.221817748	0.0010659389	MBP
ENSG00000197976	5.979639e+03	0.073598244	2.157176e−01	−0.061674044	0.3045285113	−0.0194395210	7.462124e−01	−0.133986073	0.0275701444	AKAP17A
ENSG00000197989	1.958448e+02	0.328440743	3.571253e−03	0.221592925	0.0499142582	0.2446606130	3.042129e−02	0.156422531	0.1677370079	SNHG12
ENSG00000197992	7.165133e+01	−0.273482112	3.789946e−02	−0.033397029	0.7992760835	−0.1672970042	2.027811e−01	−0.139546889	0.2862424775	CLEC9A

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000198000	1.144900e+03	0.126817187	0.0200334237	0.0624412301	0.257511709	0.077371115	0.1607577285	0.105604170	5.854795e−02	NOL8
ENSG00000198019	6.372524e+01	0.025938745	0.8280771268	0.0679049079	0.568342156	0.238676326	0.0450028023	0.208377553	7.860900e−02	FCGR1B
ENSG00000198026	2.234291e+03	0.139656375	0.0070841303	0.0519367214	0.322109137	−0.021746811	0.6787354853	0.040214578	4.493232e−01	ZNF335
ENSG00000198034	5.381240e+04	−0.191991745	0.0001994042	−0.0301327606	0.563524243	−0.068854757	0.1868875876	−0.154736189	3.421437e−03	RPS4X
ENSG00000198056	2.057267e+02	0.097527979	0.3341838057	0.2018564412	0.046191923	0.197696447	0.0509932057	0.320987721	1.601193e−03	PRIM1
ENSG00000198060	1.217815e+03	0.088696662	0.2017920080	0.0870351547	0.214394384	0.082804618	0.2376642722	0.168039703	1.767117e−02	MARCH5
ENSG00000198077	7.782503e−01	−0.080053283	0.1005182848	−0.0884459812	0.069187696	−0.100026967	0.0394699661	−0.097965530	4.422894e−02	CYP2A7
ENSG00000198087	1.403762e+03	0.314865812	0.0025200476	0.2451872291	0.019091375	0.148002903	0.1572253339	0.289233143	5.922744e−03	CD2AP
ENSG00000198089	1.197550e+03	0.165154400	0.0088635595	0.0198843707	0.755261635	0.164644208	0.0097780565	0.147894382	2.179828e−02	SFI1
ENSG00000198093	2.818635e+02	−0.033551535	0.7141217905	−0.1276442137	0.166393357	−0.066441811	0.4711849259	−0.188753041	4.227998e−02	ZNF649
ENSG00000198105	1.644266e+02	0.121927987	0.2629397442	0.0765902048	0.483333143	0.302135882	0.0056019552	0.014432471	8.953433e−01	ZNF248
ENSG00000198106	1.148955e+02	0.155107348	0.1847070231	0.0318283044	0.785961431	−0.092367404	0.4313364279	−0.334608908	4.481371e−03	AC025279.1
ENSG00000198162	2.487180e+03	0.050304332	0.3422621600	0.0516082731	0.335047289	0.071033109	0.1846263730	0.123570316	2.261932e−02	MAN1A2
ENSG00000198182	3.283764e+01	0.222289220	0.0881489003	−0.0255507811	0.844474065	0.240773668	0.0641947689	0.306353036	1.813964e−02	ZNF607
ENSG00000198225	9.394141e+02	−0.177967681	0.0079740370	−0.0548352987	0.417301547	−0.067818838	0.3160457041	−0.105977760	1.212757e−01	FKBP1C
ENSG00000198242	5.470955e+03	−0.190818810	0.0006258341	−0.0443237565	0.431529025	−0.060207759	0.2853887284	−0.146764982	1.013848e−02	RPL23A
ENSG00000198270	8.791854e+01	−0.019705631	0.8662152665	−0.1105638201	0.345541418	−0.065382950	0.5769465567	−0.267875973	2.274608e−02	TMEM116
ENSG00000198298	2.821715e+01	0.080127684	0.5425229438	0.1631675286	0.213582904	0.306667439	0.0193744053	0.279548942	3.245012e−02	ZNF485
ENSG00000198324	3.388622e+03	−0.037930352	0.7058213293	−0.2101362597	0.037347452	−0.084858086	0.4004614732	0.018944923	8.518725e−01	FAM109A
ENSG00000198353	9.986529e+00	−0.017538551	0.8666952970	−0.0382121406	0.713696321	0.253609466	0.0152091500	0.084926200	4.137199e−01	HOXC4
ENSG00000198355	9.687035e+03	0.002734482	0.9793224016	−0.2138090999	0.043430929	−0.407912102	0.0001168027	−0.219113746	3.931843e−02	PIM3
ENSG00000198356	2.047353e+03	−0.125955593	0.0010604431	−0.0377631054	0.331152804	−0.159353027	0.0000433420	−0.089210575	2.381620e−02	ASNA1
ENSG00000198382	6.160011e+03	−0.067955633	0.4007721554	−0.1456781486	0.073788107	−0.176661324	0.0301555300	−0.277276699	7.467151e−04	UVRAG
ENSG00000198420	1.811596e+02	0.165644869	0.0507455717	0.0652778466	0.445196323	0.172068954	0.0437922057	0.311600540	2.835007e−04	TCAF1
ENSG00000198435	2.254839e+03	0.013886215	0.9160582450	−0.0282471180	0.829674904	−0.172628260	0.1886208859	−0.347183238	7.927653e−03	NRARP
ENSG00000198453	9.577944e+01	−0.132361742	0.2566275012	−0.2114682431	0.070508512	−0.269880346	0.0211347643	−0.159212031	1.736493e−01	ZNF568
ENSG00000198455	8.481279e+02	−0.030981813	0.6512164761	−0.1330081257	0.054709200	−0.106250578	0.1249138296	−0.184286703	8.489143e−03	ZXDB
ENSG00000198464	3.498688e+02	0.010243585	0.8991180205	−0.0123289103	0.879644748	−0.167324007	0.0405154420	−0.179938991	2.895231e−02	ZNF480
ENSG00000198467	3.489693e+02	0.275255174	0.0280961984	0.0810172125	0.517857104	0.195658922	0.1183244147	−0.056133772	6.539141e−01	TPM2
ENSG00000198482	5.302893e+02	−0.212943341	0.0051813500	−0.0687270712	0.369950497	−0.081089289	0.2904520111	−0.161808079	3.672444e−02	ZNF808
ENSG00000198498	4.013771e+02	0.031774537	0.6704919618	0.1798858296	0.016545173	0.091061116	0.2260831001	0.164212799	3.050863e−02	TMA16
ENSG00000198517	1.875635e+03	0.233838963	0.0203315163	0.1031234108	0.308334974	−0.040161813	0.6916271775	−0.086060105	3.978846e−01	MAFK
ENSG00000198520	2.894779e+02	0.212225203	0.0967549425	0.2050874049	0.108032759	0.146893925	0.2497535609	0.370710604	3.609149e−03	C1orf228
ENSG00000198521	3.438295e+02	−0.134967432	0.1508310051	−0.1388467363	0.141561803	−0.123072863	0.1926802961	−0.192504828	4.302767e−02	ZNF43
ENSG00000198538	2.044359e+02	0.322831660	0.0036036972	0.2219423011	0.046040678	0.092698071	0.4053208705	0.449261233	5.532482e−05	ZNF28
ENSG00000198551	3.449721e+02	−0.088374149	0.3956932683	−0.1366998060	0.190750662	−0.177264808	0.0899371530	−0.254218066	1.546573e−02	ZNF627
ENSG00000198554	4.664203e+01	0.353315173	0.0071925518	0.3041549645	0.020350920	0.379025947	0.0038397744	0.286722609	2.822234e−02	WDHD1
ENSG00000198556	5.741960e+02	0.024020001	0.7210525661	−0.0806564918	0.235827217	0.006635392	0.9222454690	−0.137388782	4.583795e−02	ZNF789
ENSG00000198563	8.144882e+03	0.125048914	0.0167736429	0.0503097204	0.341179930	0.086876199	0.1002494224	0.052551874	3.264387e−01	DDX39B
ENSG00000198569	1.079153e+01	0.160673142	0.2106686140	0.2769537334	0.030664092	0.306256977	0.0168328892	0.313223834	1.394859e−02	SLC34A3
ENSG00000198574	1.312046e+01	0.016595709	0.8920278372	0.2171647348	0.075409600	0.317156813	0.0094583031	0.159879924	1.877448e−01	SH2D1B
ENSG00000198580	2.585203e+00	0.018459402	0.8320629261	0.1047535845	0.229532108	0.178591798	0.0407491428	0.042727222	6.220299e−01	AC073343.1
ENSG00000198585	3.500598e+03	−0.175155271	0.0432940519	0.0268196385	0.758460387	−0.044695130	0.6083835250	0.136967329	1.192295e−01	NUDT16
ENSG00000198590	2.114442e+01	0.416106277	0.0014102114	0.2494804352	0.055419589	0.067724050	0.6036717516	0.242069174	6.223781e−02	C3orf35
ENSG00000198604	3.832392e+03	0.172954477	0.0232040690	0.0531859340	0.488679287	0.106310647	0.1663407193	0.171430143	2.709590e−02	BAZ1A
ENSG00000198618	1.070624e+04	−0.128065037	0.0029544269	−0.0095502339	0.826497917	−0.045591906	0.2954650827	−0.070806289	1.090612e−01	PPIAP22
ENSG00000198680	1.536501e+02	−0.236770910	0.0556337821	−0.1413160163	0.252934526	−0.190226994	0.1239462892	−0.329919421	7.638849e−03	TUSC1
ENSG00000198689	8.707973e+02	0.063997103	0.2742654298	0.0541333614	0.359947838	0.072035686	0.2233018843	0.125805108	3.540813e−02	SLC9A6
ENSG00000198692	7.528775e+01	−0.040078536	0.6606229414	−0.2902150798	0.001408688	−0.283597234	0.0018050400	0.301879162	9.026648e−04	EIF1AY
ENSG00000198700	2.104073e+03	0.070771209	0.1623818947	0.0170307767	0.739561795	0.116656219	0.0227063555	0.037612175	4.686799e−01	IPO9
ENSG00000198718	5.363937e+02	−0.009976383	0.9027183111	−0.0662368286	0.420704366	−0.072621813	0.3775612713	−0.172754663	3.759331e−02	TOGARAM1
ENSG00000198721	7.060908e+02	−0.031732082	0.6261674835	0.0752171842	0.251977899	0.134903309	0.0398611627	0.110082183	9.709196e−02	ECI2
ENSG00000198727	7.710957e+04	−0.108394337	0.2540025918	0.1144483633	0.230872712	0.220496159	0.0209829322	0.018529551	8.471725e−01	MT−CYB
ENSG00000198728	2.035376e+03	0.116827963	0.0052390244	0.0056876517	0.893297139	0.007650592	0.8568992945	0.034335330	4.243232e−01	LDB1
ENSG00000198730	1.574002e+03	0.024709356	0.5909047108	0.0169731614	0.714968995	0.175842166	0.0001504218	0.212203185	6.341997e−06	CTR9
ENSG00000198732	2.694314e+01	−0.118637914	0.3351819869	−0.1548901713	0.206614243	−0.259359508	0.0343096982	−0.286515659	1.877032e−02	SMOC1
ENSG00000198734	8.171364e+01	−0.017687364	0.8812077300	0.0110294775	0.925486880	0.118858949	0.3135798166	0.284573991	1.538569e−02	F5
ENSG00000198742	1.602846e+03	0.117088045	0.0760493566	−0.0595882163	0.371451411	−0.024674923	0.7113187449	−0.132665722	4.933242e−02	SMURF1
ENSG00000198743	5.132012e+02	0.046045959	0.6362356030	0.1141720880	0.243037746	0.224707427	0.0215301898	0.015780165	8.726167e−01	SLC5A3
ENSG00000198744	9.018026e+01	−0.365592517	0.0035427755	−0.1707722167	0.172251941	0.043151257	0.7299168197	−0.188526851	1.315895e−01	MTCO3P12
ENSG00000198755	2.418870e+04	−0.174912350	0.0002380546	−0.0957771716	0.046577943	−0.080805195	0.0931554979	−0.178889092	2.457032e−04	RPL10A
ENSG00000198799	6.532310e+02	0.113760952	0.0694704780	0.1516869624	0.016449695	0.077704525	0.2200461434	−0.008778358	8.911619e−01	LRIG2
ENSG00000198805	2.572370e+03	0.297821887	0.0144001555	0.1513504163	0.213735447	0.132555443	0.2761809956	0.219993667	7.077810e−02	PNP
ENSG00000198815	2.641100e+03	0.082623918	0.0275602057	−0.0071269264	0.851204804	0.008077223	0.8317039984	−0.007398213	8.477876e−01	FOXJ3
ENSG00000198816	5.660737e+02	−0.016192216	0.8634682516	−0.0519618370	0.583163715	−0.128408602	0.1753585345	−0.204496874	3.206258e−02	ZNF358
ENSG00000198818	1.664919e+03	0.067682795	0.2901497097	0.1671308968	0.009625787	0.035295317	0.5849640621	−0.005002427	9.390110e−01	SFT2D1
ENSG00000198825	1.505854e+03	0.174811212	0.1084895987	0.0416848667	0.702761123	−0.007093010	0.9482336803	−0.240280154	2.842313e−02	INPP5F
ENSG00000198829	1.801463e+01	0.185500818	0.1333422067	0.1318908621	0.284022227	0.307548618	0.0125731122	0.008107806	9.471426e−01	SUCNR1
ENSG00000198832	4.479401e+01	−0.101499503	0.4403951052	−0.2313053422	0.077931022	−0.006194211	0.9623382359	−0.328269585	1.206178e−02	SELENOM
ENSG00000198839	1.141663e+03	−0.149096525	0.0266690323	−0.0094095613	0.889611125	−0.049521662	0.4653984348	−0.039807740	5.616791e−01	ZNF277
ENSG00000198841	5.467672e+02	−0.032446808	0.6672256736	−0.0858413042	0.259580892	−0.152257690	0.0458463100	−0.031084891	6.857302e−01	KTI12
ENSG00000198848	1.429762e+03	−0.211227104	0.0997748103	−0.0007898766	0.995070380	−0.090253034	0.4802091621	0.260812297	4.037828e−02	CES1
ENSG00000198856	2.738755e+03	−0.180112164	0.0002662589	−0.0234353393	0.638460082	−0.037222651	0.4556819022	−0.063080171	2.122602e−01	OSTC
ENSG00000198857	6.903892e+00	−0.329536907	0.0037260649	−0.1714934583	0.131527594	0.038654365	0.7348054849	−0.003660902	9.742694e−01	HSD3BP5
ENSG00000198862	1.365263e+03	0.178386691	0.0145612905	0.0796698486	0.279468605	0.123479524	0.0936859832	0.133325188	7.321186e−02	LTN1
ENSG00000198863	6.498075e+02	−0.181740883	0.0294245825	−0.1809771846	0.031310905	−0.031421795	0.7082883139	−0.189611023	2.526791e−02	RUNDC1
ENSG00000198876	1.166172e+03	−0.089941088	0.2741123814	0.0264333264	0.749493960	0.220736477	0.0076235852	0.230019600	5.839631e−03	DCAF12
ENSG00000198898	5.486766e+03	−0.017461775	0.7660678718	−0.0361214663	0.542332180	−0.012383682	0.8345442100	0.117740692	4.972647e−02	CAPZA2
ENSG00000198900	2.619214e+03	0.238399260	0.0026355115	0.2265587421	0.004560891	0.078470783	0.3260847464	0.241226269	2.773976e−03	TOP1
ENSG00000198901	4.454399e+02	0.006840890	0.9325086053	−0.0467153289	0.566252099	−0.026137527	0.7483277758	−0.348834453	2.342655e−05	PRC1
ENSG00000198915	3.854767e+02	0.275130470	0.0165180246	0.1084071133	0.345881206	0.206346144	0.0727291841	0.256172700	2.618376e−02	RASGEF1A
ENSG00000198917	9.025938e+02	−0.144069174	0.0215830300	−0.0854294241	0.176862767	−0.110490874	0.0809548658	−0.056856742	3.742302e−01	SPOUT1
ENSG00000198918	2.074483e+03	−0.165807470	0.0639247744	0.0003182275	0.997179293	0.045118879	0.6162040923	−0.304692351	7.861054e−04	RPL39
ENSG00000198924	1.628370e+02	−0.024117642	0.8046864471	0.0880872737	0.367759495	0.178472096	0.0677768032	0.202680106	3.896617e−02	DCLRE1A
ENSG00000198931	4.339354e+03	−0.135364956	0.0353237384	−0.1346884787	0.038039578	−0.126009938	0.0523056019	−0.137790931	3.593025e−02	APRT
ENSG00000198933	7.982308e+02	−0.276448858	0.0351660722	−0.1688953731	0.196960356	−0.300473958	0.0217108057	−0.292524087	2.496281e−02	TBKBP1
ENSG00000198951	7.402088e+03	−0.117725753	0.0016694797	−0.0984434477	0.009379202	−0.102012096	0.0071138083	−0.051751623	1.781859e−01	NAGA
ENSG00000198959	5.663977e+02	0.364020909	0.0056004050	0.1490052167	0.255141927	0.225542206	0.0849875443	0.393402846	2.547629e−03	TGM2
ENSG00000199036	1.231533e+00	0.042634463	0.5181227069	0.0823888686	0.212283249	0.131322875	0.0468872917	0.017028940	7.954302e−01	MIR219A1
ENSG00000199053	1.902224e+01	0.322434089	0.0144326995	0.1578701605	0.229762861	0.275989131	0.0357496507	0.124575550	3.414158e−01	MIR324
ENSG00000199179	1.078708e+00	0.008534682	0.8726148221	0.1129120668	0.034440119	0.045676658	0.3906169545	0.006950896	8.958862e−01	MIRLET7I
ENSG00000199400	9.770039e−01	−0.129966795	0.0338099305	−0.1243134039	0.042228710	−0.085293403	0.1634083483	−0.078649393	1.992347e−01	RNY4P19
ENSG00000199472	6.366652e−01	0.146909798	0.0033797075	−0.0079323974	0.873265006	0.001128336	0.9818699824	−0.014146743	7.757472e−01	Y_RNA
ENSG00000199890	1.190748e+00	−0.061025332	0.3642168116	−0.1781021041	0.007641092	−0.114130059	0.0877568637	−0.136741470	4.098791e−02	Y_RNA
ENSG00000199933	1.049279e+01	−0.133008012	0.2865277714	0.0938592705	0.451745619	0.271191859	0.0299727281	0.222974097	7.295127e−02	RNY1P16
ENSG00000200095	7.050142e−01	0.087037147	0.1269486107	0.0090188011	0.873619783	0.070716876	0.2129154872	0.115488915	4.298240e−02	RNU6−181P
ENSG00000200354	1.484225e+00	−0.089520268	0.2773776605	−0.2132702030	0.009059661	−0.230834347	0.0045988523	−0.196877422	1.586634e−02	SNORA71D
ENSG00000200685	5.513386e+00	−0.114341029	0.3215593443	−0.2280538935	0.046737037	0.017882329	0.8767411446	−0.188650604	9.848010e−02	Y_RNA
ENSG00000200783	1.230626e+00	−0.032717498	0.6348505138	0.1568292921	0.023912102	−0.024538327	0.7209203368	0.130223899	6.009265e−02	RN7SKP180
ENSG00000200788	1.031317e+00	−0.073666621	0.3073692403	−0.1818449075	0.011047560	−0.035606833	0.6211061735	−0.113351485	1.146258e−01	Y_RNA
ENSG00000200816	2.751221e+00	−0.193655181	0.0400286401	−0.1789025100	0.057500559	−0.185354256	0.0486635103	−0.129157132	1.694298e−01	SNORA38
ENSG00000200924	3.112091e+00	0.236496179	0.0125967379	0.1930044811	0.040905693	0.232354405	0.0138428218	0.148222997	1.147523e−01	RNU6−1048P
ENSG00000201151	2.603881e+00	0.056133720	0.4962882291	0.0615882906	0.454724223	0.154562012	0.0610858040	0.164723277	4.564133e−02	SNORD56
ENSG00000201239	1.687120e+00	0.081221637	0.2534001507	0.0765781322	0.281052766	0.168238435	0.0180925877	−0.045197328	5.215235e−01	Y_RNA
ENSG00000201388	2.489985e+00	0.212157114	0.0309865365	−0.0108324837	0.911206875	0.059862496	0.5383147648	0.006393000	9.473837e−01	SNORA68B

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000201558	6.915212e+00	0.0919128753	4.312440e−01	−0.116707656	3.138497e−01	−0.035998311	7.562638e−01	−0.394282541	5.835131e−04	RNVU1−6
ENSG00000201988	2.723538e+00	0.2170474847	8.965647e−03	0.037968035	6.451962e−01	0.176032846	3.331904e−02	0.015721824	8.482392e−01	Y_RNA
ENSG00000202198	8.425845e+01	0.0916404512	3.045181e−01	−0.001149449	9.896994e−01	0.368518198	3.512373e−05	0.287206450	1.218703e−03	7SK
ENSG00000202259	9.788469e−01	0.0706463305	2.908203e−01	0.143822097	3.215466e−02	0.064726478	3.317675e−01	0.031710912	6.334499e−01	RNU6−1318P
ENSG00000202358	3.704233e+00	−0.1806256566	8.879811e−02	−0.291668682	5.616056e−03	−0.170291477	1.069441e−01	−0.207775168	4.877405e−02	RNU6−652P
ENSG00000202382	3.002408e+00	0.1962871940	4.867286e−02	0.088821912	3.687273e−01	0.195893389	4.802035e−02	0.074443269	4.501476e−01	Y_RNA
ENSG00000202417	4.311730e−01	0.0012832212	9.727775e−01	−0.003918012	9.169799e−01	0.076769031	4.110780e−02	0.006193146	8.690542e−01	Y_RNA
ENSG00000202502	3.891532e+00	−0.1777554027	6.230343e−02	−0.131424732	1.676376e−01	−0.247194325	9.138213e−03	−0.163970944	8.390208e−02	RNA5SP151
ENSG00000203279	3.765835e+00	−0.0624423310	5.252714e−01	0.105235824	2.858941e−01	−0.006676157	9.457856e−01	−0.201778395	3.787964e−02	AL590705.1
ENSG00000203288	4.825655e+00	−0.1400963757	1.800574e−01	−0.219922185	3.448336e−02	−0.239440391	2.112130e−02	−0.037830405	7.161695e−01	TDRKH−AS1
ENSG00000203307	6.249706e−01	0.0070307091	8.799765e−01	0.050895026	2.750496e−01	0.091960272	4.860272e−02	0.024785065	5.944349e−01	AL626787.1
ENSG00000203327	2.471258e+00	0.0718532608	4.269245e−01	0.180419623	4.640521e−02	0.047944487	5.941146e−01	0.055969531	5.339122e−01	AC012358.1
ENSG00000203546	1.912955e+01	0.0078347844	9.526197e−01	0.175973092	1.806415e−01	−0.318261262	1.545552e−02	0.103233698	4.303924e−01	AL139353.1
ENSG00000203666	2.305527e+02	0.1409669999	2.843166e−01	0.247086261	5.982929e−02	0.289550709	2.741893e−02	0.277442647	3.393248e−02	EFCAB2
ENSG00000203709	7.514598e+02	0.1487165653	2.574040e−01	0.171708162	1.898341e−01	0.283455631	3.043894e−02	−0.005958889	9.635910e−01	C1orf132
ENSG00000203710	4.094982e+02	0.1796640532	1.283020e−01	0.120872320	3.067437e−01	0.255350689	3.079772e−02	0.112460973	3.422270e−01	CR1
ENSG00000203711	2.927906e+00	−0.0645127189	5.234824e−01	−0.092352479	3.594193e−01	−0.119935061	2.327025e−01	−0.198766953	4.670083e−02	C6orf99
ENSG00000203747	3.780262e+02	0.1422612797	2.803976e−01	0.037014296	7.781158e−01	0.243365730	6.393582e−02	0.312330083	1.696297e−02	FCGR3A
ENSG00000203812	1.377742e+00	−0.1070961832	1.418373e−01	−0.200620133	5.652122e−03	−0.215252048	2.909927e−03	−0.056464168	4.382000e−01	HIST2H2AA3
ENSG00000203879	3.532291e+03	0.1093515562	2.954444e−02	0.057367472	2.588868e−01	0.050255135	3.227655e−01	0.018594576	7.180874e−01	GDI1
ENSG00000203886	1.046515e+00	0.0106370219	8.299733e−01	0.047921460	3.336620e−01	0.115706259	1.968373e−02	0.014767777	7.652652e−01	CYP17A1−AS1
ENSG00000203896	7.419562e+01	0.3320941437	4.266213e−03	0.136419607	2.423865e−01	0.264517348	2.322011e−02	0.334206854	4.145318e−03	LIME1
ENSG00000203950	2.215026e+02	0.1008782383	2.582394e−01	0.086134996	3.376410e−01	0.093943407	2.959595e−01	0.184483486	4.102328e−02	RTL8A
ENSG00000204020	5.166965e+01	0.1528613706	2.457813e−01	0.309142845	1.853495e−02	0.229579688	8.031748e−02	0.195188580	1.353469e−01	LIPN
ENSG00000204060	1.765946e+00	0.1405280387	2.330624e−02	0.070112055	2.565302e−01	0.047423959	4.420314e−01	−0.013102198	8.313411e−01	FOXO6
ENSG00000204120	1.950967e+03	0.1140735011	3.251191e−02	0.063134687	2.418571e−01	0.056127683	2.983223e−01	−0.015751528	7.733137e−01	GIGYF2
ENSG00000204136	1.445169e+03	−0.1130962732	3.503197e−01	−0.164465928	1.745518e−01	−0.153006664	2.065523e−01	−0.367180838	2.446674e−03	GGTA1P
ENSG00000204138	1.927029e+03	0.0666308134	2.152518e−01	−0.041917262	4.408651e−01	0.034495758	5.257632e−01	0.156636291	4.400851e−03	PHACTR4
ENSG00000204152	5.977507e+02	0.0169907017	8.136519e−01	−0.047728437	5.117267e−01	−0.105476653	1.475702e−01	−0.196864283	7.546560e−03	TIMM23B
ENSG00000204160	4.847583e+03	−0.1449116634	2.492968e−02	−0.077229982	2.363692e−01	−0.029373349	6.524451e−01	−0.209566441	1.497230e−03	ZDHHC18
ENSG00000204186	3.353064e+01	0.3062705461	1.811470e−02	0.266926026	3.866963e−02	0.146878994	2.549754e−01	0.202270409	1.153474e−01	ZDBF2
ENSG00000204194	1.672466e+00	0.1940953628	2.315943e−02	0.095612175	2.600892e−01	0.124864140	1.411546e−01	0.106376063	2.090289e−01	RPL12P1
ENSG00000204209	1.340078e+03	0.0047033382	9.432326e−01	−0.051684040	4.382959e−01	0.097029916	1.453054e−01	0.173552537	9.969570e−03	DAXX
ENSG00000204217	1.736778e+03	0.0417310294	5.655270e−01	0.048569625	5.071892e−01	0.032851747	6.538086e−01	0.218116503	3.180881e−03	BMPR2
ENSG00000204227	1.373492e+03	0.0154620854	7.513012e−01	0.021202979	6.672350e−01	−0.073963881	1.344763e−01	−0.106996856	3.269078e−02	RING1
ENSG00000204228	1.465404e+02	−0.0559452387	5.539447e−01	−0.080750101	3.956927e−01	0.130026865	1.698480e−01	−0.265044391	5.810025e−03	HSD17B8
ENSG00000204231	1.694921e+03	0.0503823105	2.812930e−01	0.046993144	3.202850e−01	0.107744293	2.264430e−02	0.130952336	6.243293e−03	RXRB
ENSG00000204241	1.098517e+00	0.0331728875	5.732675e−01	0.153989148	9.219946e−03	0.095622440	1.045697e−01	0.026184241	6.557989e−01	AP000911.1
ENSG00000204252	1.737422e+04	−0.0454261104	6.619395e−01	−0.118427473	2.561045e−01	−0.120084175	2.495153e−01	−0.339036063	1.211753e−03	HLA−DOA
ENSG00000204256	1.569691e+04	0.0972141297	1.275602e−01	−0.045961370	4.755129e−01	−0.099133570	1.238241e−01	−0.158617810	1.494451e−02	BRD2
ENSG00000204257	3.314401e+04	−0.0007241349	9.899282e−01	−0.012091400	8.347288e−01	−0.025442008	6.606623e−01	−0.189400492	1.249089e−03	HLA−DMA
ENSG00000204264	4.303571e+03	−0.0058397904	9.359436e−01	0.070392804	3.366451e−01	0.002811154	9.693984e−01	0.255940597	5.443046e−04	PSMB8
ENSG00000204272	1.038266e+03	−0.0968482803	9.110739e−02	−0.061078687	2.913218e−01	−0.131077392	2.375646e−02	−0.155048910	8.232995e−03	NBDY
ENSG00000204287	4.048883e+05	−0.0960243600	1.590457e−01	−0.045624916	5.072491e−01	−0.105399614	1.255451e−01	−0.289105549	3.241929e−05	HLA−DRA
ENSG00000204301	6.642971e+01	−0.0033033983	9.798573e−01	0.073292728	5.743714e−01	0.097501540	4.549985e−01	0.292237617	2.466037e−02	NOTCH4
ENSG00000204311	2.606594e+01	0.0138794691	9.156919e−01	0.225463126	8.441885e−02	0.283689809	2.989855e−02	0.039941215	7.592358e−01	DFNB59
ENSG00000204344	4.627693e+02	0.1852916106	4.180297e−03	0.087648212	1.805075e−01	0.031105425	6.353536e−01	0.040356860	5.424582e−01	STK19
ENSG00000204348	5.068109e+02	0.1077249487	1.169992e−01	0.185994512	7.226505e−03	0.077605606	2.635853e−01	−0.029782639	6.717364e−01	DXO
ENSG00000204356	1.403820e+03	−0.0277715833	5.020142e−01	−0.069553636	9.667281e−02	−0.107902113	1.009455e−02	−0.022510160	5.959661e−01	NELFE
ENSG00000204370	2.085184e+03	−0.0654146219	1.843259e−01	0.099681321	4.504858e−02	0.007918363	8.736696e−01	0.098454176	5.076944e−02	SDHD
ENSG00000204371	1.714522e+03	−0.0051988244	9.206865e−01	−0.116656439	2.724559e−02	−0.022961896	6.636611e−01	0.060495404	2.575655e−01	EHMT2
ENSG00000204387	3.718724e+03	−0.2232430837	4.092156e−04	−0.051667497	4.176239e−01	−0.106773017	9.402227e−02	−0.121926321	5.874517e−02	C6orf48
ENSG00000204390	2.037015e+01	−0.3147088166	1.686163e−02	−0.044235306	7.362676e−01	0.052843276	6.874574e−01	0.086888929	5.064833e−01	HSPA1L
ENSG00000204392	7.337892e+02	−0.1548937614	8.295255e−03	−0.060167288	3.090264e−01	−0.028076740	6.350463e−01	−0.073209947	2.217527e−01	LSM2
ENSG00000204406	4.716491e+02	−0.0281960240	6.876817e−01	0.035152970	6.188217e−01	−0.114718119	1.056297e−01	−0.274576185	1.332490e−04	MBD5
ENSG00000204420	4.101488e+01	−0.3204223563	4.902384e−03	−0.427414533	1.649573e−04	−0.255929301	2.414947e−02	−0.348094887	2.064639e−03	MPIG6B
ENSG00000204439	3.826197e+02	0.1419478969	5.500427e−02	0.071477622	3.383574e−01	0.153251237	3.993385e−02	0.265663778	4.116496e−04	C6orf47
ENSG00000204472	9.216403e+03	−0.1440189107	1.223150e−02	−0.074841804	1.974345e−01	−0.097745050	9.234429e−02	−0.127966464	2.952861e−02	AIF1
ENSG00000204482	1.145020e+04	−0.1671160244	1.330613e−02	−0.080907261	2.349477e−01	−0.124805687	6.695031e−02	−0.248235801	3.143738e−04	LST1
ENSG00000204498	5.106040e+02	−0.0391738768	5.528918e−01	−0.072384856	2.776485e−01	−0.154874962	2.050812e−02	−0.016128639	8.107114e−01	NFKBIL1
ENSG00000204516	5.951342e+02	−0.0192021663	8.340073e−01	0.101021579	2.725054e−01	0.206845473	2.459738e−02	0.166925062	7.183965e−02	MICB
ENSG00000204519	7.248084e+02	−0.1217744056	2.312135e−01	−0.130082477	2.028306e−01	−0.161769316	1.133398e−01	−0.225604549	2.799509e−02	ZNF551
ENSG00000204568	7.585665e+02	0.0004456822	9.950280e−01	0.030737907	6.698228e−01	−0.038085440	5.977157e−01	0.164163747	2.412906e−02	MRPS18B
ENSG00000204569	8.999872e+02	0.1697593185	1.140939e−01	0.240423170	2.565702e−02	0.073769601	4.937394e−01	0.195127429	7.128410e−02	PPP1R10
ENSG00000204574	2.366457e+03	0.1991058121	6.886499e−03	0.098405045	1.854485e−01	0.038569706	6.038723e−01	0.048005678	5.226698e−01	ABCF1
ENSG00000204584	1.204172e+01	−0.1837486217	1.514539e−01	−0.253727169	4.657625e−02	−0.052020531	6.837791e−01	−0.066663650	6.001569e−01	AC027801.1
ENSG00000204590	1.362411e+03	0.1872725604	1.022201e−02	0.095618788	1.937121e−01	0.123205390	9.402736e−02	0.090392645	2.240031e−01	GNL1
ENSG00000204592	4.604395e+04	0.0031811771	9.612987e−01	−0.020044071	7.619621e−01	−0.131555430	4.681263e−02	−0.012813483	8.481838e−01	HLA−E
ENSG00000204599	4.334053e+02	0.3034433679	1.338829e−05	0.277370891	8.034345e−05	0.208258252	3.130932e−03	0.089821811	2.082813e−01	TRIM39
ENSG00000204611	4.331048e+01	0.0664010603	5.933219e−01	0.389423153	1.646176e−03	0.078621393	5.269918e−01	0.289113551	1.963252e−02	ZNF616
ENSG00000204623	9.335945e+01	0.0990926963	4.204895e−01	0.179029133	1.452309e−01	0.265387080	3.078402e−02	0.032676233	7.905531e−01	ZNRD1ASP
ENSG00000204628	5.047098e+04	−0.1650551242	7.486204e−04	−0.059872187	2.264654e−01	−0.082917438	9.393011e−02	−0.140198017	5.199645e−03	RACK1
ENSG00000204634	1.485107e+03	0.1169125902	2.435119e−01	0.219173517	2.946173e−02	0.234192624	1.999949e−02	0.087622231	3.867451e−01	TBC1D8
ENSG00000204650	1.784808e+02	0.1575348549	2.318030e−01	0.235498677	7.301600e−02	0.371003318	4.738165e−03	0.279234846	3.288110e−02	LINC02210
ENSG00000204657	1.796197e+00	0.0643334660	4.128287e−01	0.067000957	3.926199e−01	0.087946167	2.614361e−01	0.163815557	3.727699e−02	OR2H2
ENSG00000204758	1.318844e+01	0.0570473339	6.528795e−01	−0.104415031	4.078312e−01	0.241245556	5.661162e−02	0.299350233	1.752576e−02	AC008429.1
ENSG00000204767	7.775411e+00	−0.0143717684	9.056280e−01	−0.143434103	2.338979e−01	−0.032967852	7.846693e−01	−0.298249826	1.261662e−02	FAM196B
ENSG00000204789	3.863239e+00	0.1527853479	5.721263e−02	0.159950035	4.618145e−02	0.105705489	1.867979e−01	0.143785554	7.216126e−02	ZNF204P
ENSG00000204791	1.034171e+01	−0.1323787762	2.524168e−01	−0.053383267	6.438524e−01	−0.151286584	1.892998e−01	−0.260123148	2.305421e−02	SMPD5
ENSG00000204832	6.740887e−01	−0.1475635826	3.967952e−03	−0.133782977	9.032443e−03	−0.154811805	2.443428e−03	−0.125907023	1.393311e−02	ST8SIA6−AS1
ENSG00000204843	4.147575e+03	−0.0935570096	4.395740e−02	−0.081891240	8.117019e−02	−0.094922246	4.329971e−02	0.051077224	2.829964e−01	DCTN1
ENSG00000204852	1.927961e+02	−0.3183133843	8.580552e−04	−0.207131115	3.063315e−02	−0.293391999	2.246359e−03	−0.250449798	9.412688e−03	TCTN1
ENSG00000204899	6.151376e+02	−0.1891666544	1.322931e−02	−0.076104107	3.220407e−01	−0.093042334	2.263059e−01	−0.146551726	5.924931e−02	MZT1
ENSG00000204904	1.604574e+00	0.0368662824	6.279609e−01	0.160817290	3.536186e−02	0.104694959	1.689582e−01	0.089931915	2.362253e−01	LINC01545
ENSG00000204923	3.556938e+01	0.1016931275	4.286604e−01	0.128098569	3.179068e−01	0.283555864	2.689735e−02	0.173160740	1.759146e−01	FBXO48
ENSG00000204954	6.083040e+01	0.0048110645	9.669859e−01	−0.118487374	3.094896e−01	−0.055191316	6.357927e−01	−0.249891663	3.288486e−02	C12orf73
ENSG00000205060	7.676613e+02	0.0012988613	9.835445e−01	0.089126868	1.605748e−01	0.141316844	2.606871e−02	0.021052690	7.433035e−01	SLC35B4
ENSG00000205085	2.504713e+01	0.3554284961	5.649735e−03	0.257034945	4.443871e−02	0.274809778	3.162287e−02	0.244471543	5.472853e−02	FAM71F2
ENSG00000205133	5.265418e+02	0.0686289702	3.494023e−01	0.072203653	3.287952e−01	0.085857575	2.457328e−01	0.152043425	4.164826e−02	TRIQK
ENSG00000205143	9.752836e−01	0.1762866431	4.317252e−03	0.049676089	4.180481e−01	0.077904806	2.038406e−01	0.025140743	6.811528e−01	ARID3C
ENSG00000205155	5.523884e+02	−0.1027783930	1.199217e−01	−0.013927869	8.343435e−01	0.029398519	6.588775e−01	−0.141911969	3.553299e−02	PSENEN
ENSG00000205189	2.412251e+03	−0.0329973551	6.729300e−01	−0.082682801	2.939635e−01	−0.078801261	3.172594e−01	−0.230445633	3.777919e−03	ZBTB10
ENSG00000205246	1.214144e+04	−0.1223128241	2.847584e−02	0.014479817	7.974007e−01	−0.048380934	3.910946e−01	−0.048630055	3.946338e−01	NA
ENSG00000205268	2.771486e+03	0.1714130658	1.157431e−02	0.168098569	1.413305e−02	0.231064770	7.427537e−04	0.274943420	7.177393e−05	PDE7A
ENSG00000205309	5.566064e+01	−0.3330144546	1.008354e−02	−0.542589563	2.710342e−05	−0.584195330	6.282550e−06	−0.341420307	8.065062e−03	NT5M
ENSG00000205323	6.221231e+01	−0.0112612661	9.101444e−01	−0.004934365	9.606990e−01	−0.231816038	2.206781e−02	−0.124766081	2.178081e−01	SARNP
ENSG00000205413	1.571916e+03	0.2992617483	1.259499e−02	0.173817975	1.475353e−01	0.070222220	5.585070e−01	0.493190365	4.010143e−05	SAMD9
ENSG00000205531	2.125956e+03	0.0184056822	7.139736e−01	−0.012976776	7.982979e−01	0.095210893	6.062857e−02	0.103770229	4.351004e−02	NAP1L4
ENSG00000205537	4.735336e+00	−0.1727814302	1.027634e−01	−0.099906893	3.446495e−01	−0.219814677	3.674543e−02	−0.143667746	1.726661e−01	AC121338.1
ENSG00000205542	8.966047e+04	−0.1130319588	4.515913e−02	−0.007627545	8.935663e−01	−0.077092673	1.762987e−01	−0.162556626	4.868113e−03	TMSB4X
ENSG00000205544	5.216766e+02	−0.1936039578	1.518604e−03	−0.148749895	1.570646e−02	−0.165661589	7.217061e−03	−0.232659435	1.953879e−04	TMEM256
ENSG00000205572	8.115274e+00	−0.1216296734	3.189336e−01	−0.321517258	7.960728e−03	−0.240452573	4.735957e−02	−0.348001813	3.887083e−03	SERF1B
ENSG00000205578	3.751251e+01	−0.1168704987	3.725557e−01	−0.266775389	4.102191e−02	−0.190190644	1.452266e−01	0.123390357	3.427909e−01	POM121B
ENSG00000205581	6.441282e+03	−0.0975044476	3.613035e−02	−0.012185733	7.956053e−01	−0.007650567	8.708244e−01	−0.108604772	2.280558e−02	HMGN1
ENSG00000205593	5.246212e+02	−0.0969540671	2.215371e−01	−0.023044978	7.728298e−01	−0.059524082	4.562732e−01	−0.178387472	2.716338e−02	DENND6B

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000205639	5.084774e+00	−0.192230559	0.0382329633	−0.2098891218	0.023292784	−0.095935907	0.3005167298	−0.1775847639	5.429772e−02	MFSD2B
ENSG00000205643	1.897974e+02	−0.150954272	0.0982566366	−0.1307205342	0.154001049	−0.256020700	0.0053906480	−0.1363842677	1.405261e−01	CDPF1
ENSG00000205659	1.801467e+02	0.093088644	0.3413208659	0.3068878864	0.001728957	0.134549912	0.1708996934	0.1244444183	2.080267e−01	LIN52
ENSG00000205710	1.790893e+02	0.160960862	0.2195418790	−0.0181319065	0.889606342	−0.152951448	0.2416192648	−0.5084874138	9.184645e−05	C17orf107
ENSG00000205746	3.020767e+02	−0.132583553	0.3136711248	−0.0351096174	0.788915281	−0.077858215	0.5527158674	−0.2603481232	4.616535e−02	AC126755.1
ENSG00000205755	1.423367e+01	0.255827761	0.0162497768	0.1820775414	0.085992767	0.016210026	0.8782808492	0.0673807630	5.231088e−01	CRLF2
ENSG00000205765	5.866445e+02	−0.047781812	0.5904697936	0.0620794464	0.486783583	0.081231232	0.3629040520	0.2061285330	2.180793e−02	C5orf51
ENSG00000205837	1.092399e+01	0.328822794	0.0007594296	0.1273998395	0.189998152	0.077336041	0.4258324548	0.1497494254	1.221310e−01	LINC00487
ENSG00000205846	4.036675e+01	0.054041649	0.6693999644	0.3140804122	0.012818082	0.087245846	0.4889828462	0.2483128119	4.794583e−02	CLEC6A
ENSG00000205853	1.734386e+01	0.320150894	0.0144941110	0.1477452396	0.257124596	0.051726070	0.6913662468	0.0207609895	8.728412e−01	RFPL3S
ENSG00000205861	7.604823e−01	−0.007762766	0.9005663768	0.0142905428	0.818241904	0.174121729	0.0054571195	0.0228994507	7.123498e−01	PCOTH
ENSG00000205978	8.049420e+01	0.075751324	0.5643309176	0.0779952656	0.551796432	0.096661927	0.4608353055	0.4693930645	3.247301e−04	NYNRIN
ENSG00000206053	5.280865e+02	−0.208637767	0.0021513326	−0.0921017048	0.178317315	0.068135995	0.3183645210	−0.0090461925	8.958921e−01	JPT2
ENSG00000206149	6.324578e+02	0.002385981	0.9834270520	−0.0779106852	0.498322251	−0.058332682	0.6121845216	−0.2433739991	3.485566e−02	HERC2P9
ENSG00000206190	9.682124e+02	0.152344067	0.2359079126	−0.0933870206	0.466813701	0.040878921	0.7500760494	0.2884019942	2.432710e−02	ATP10A
ENSG00000206341	1.097723e+03	−0.276722042	0.0320325024	−0.3225407546	0.012124546	−0.342787839	0.0076763263	−0.3540913046	5.656525e−03	HLA−H
ENSG00000206344	1.738302e+01	0.318841656	0.0112950363	0.1877435458	0.133854492	0.275372514	0.0279549493	0.3683021184	3.166284e−03	HCG27
ENSG00000206535	8.892212e+00	−0.315553744	0.0135293312	−0.1271460146	0.319041312	−0.386803506	0.0023285148	−0.4485159790	3.906224e−04	LNP1
ENSG00000206549	1.994722e+00	0.118587756	0.0966427622	0.0858482560	0.227763518	0.161707798	0.0232487269	0.0417574864	5.565657e−01	PRSS50
ENSG00000206557	3.623407e+01	−0.025572913	0.8444048021	−0.0207608379	0.872972673	0.129365432	0.3192634260	0.4403650578	6.631148e−04	TRIM71
ENSG00000206560	5.798175e+02	0.137829489	0.2666994811	0.0010348746	0.993344313	0.133684871	0.2811723142	0.2729121904	2.770340e−02	ANKRD28
ENSG00000206622	2.711914e+00	0.029293035	0.7615920966	0.1609594961	0.096602748	0.209159345	0.0309018045	0.1659176481	8.559109e−02	SNORA69
ENSG00000206743	3.672903e+00	−0.069107965	0.5025633374	0.0727383240	0.480864521	0.208502147	0.0439964497	0.0648958867	5.287161e−01	RNU6−484P
ENSG00000206828	8.202587e+01	−0.019943729	0.8757437130	−0.0666232980	0.601015127	−0.330683965	0.0095381462	−0.4687566415	2.332490e−04	U1
ENSG00000206838	4.540297e+00	0.290835921	0.0062941722	0.1139759879	0.280599788	0.122512972	0.2457081753	0.1895312243	7.209122e−02	SNORA5A
ENSG00000206926	3.407793e+00	0.102007543	0.3184069969	0.1083730437	0.288212942	0.211358344	0.0387587215	0.0025423897	9.799468e−01	RNU6−1024P
ENSG00000207034	3.670523e+00	0.203547928	0.0527483687	−0.0174906727	0.866321594	0.212147261	0.0425849152	0.2215316029	3.395044e−02	Y_RNA
ENSG00000207129	5.744908e−01	0.015364916	0.7035596686	0.0300359297	0.457093556	0.083657740	0.0384469736	0.0009416671	9.813684e−01	RNA5SP187
ENSG00000207181	3.015290e+00	0.095447158	0.2821766626	0.0422921668	0.631961021	0.062137532	0.4813160763	0.2316867743	9.071675e−03	SNORA14B
ENSG00000207205	6.034205e+00	0.210836528	0.0231638422	0.0322151418	0.727129575	0.100772410	0.2752785895	−0.0709724000	4.401012e−01	RNVU1−15
ENSG00000207286	9.778090e−01	0.119200832	0.0449382946	0.0892690204	0.132204555	0.070310346	0.2344975147	0.0944229338	1.112349e−01	Y_RNA
ENSG00000207340	5.809897e−01	0.054069859	0.2798948175	0.1129885471	0.024327260	0.026917167	0.5893301697	0.0088833678	8.585670e−01	RNVU1−1
ENSG00000207352	8.240811e−01	−0.053693450	0.3996235020	−0.1356137151	0.032458667	−0.068742658	0.2791204177	−0.1541397234	1.471043e−02	RNU6−540P
ENSG00000207490	4.804283e−01	−0.013541302	0.7166451580	0.0776173886	0.037644134	−0.003187124	0.9318763197	−0.0138364539	7.104287e−01	RNU6−987P
ENSG00000207524	8.262778e−01	−0.066853906	0.2424994668	−0.0713503430	0.211672655	−0.057887663	0.3102905662	−0.1132292564	4.698326e−02	RNU6−33P
ENSG00000207547	7.398968e+00	0.290211926	0.0061272670	0.0274549730	0.793890277	0.042347736	0.6868285149	0.0216322196	8.362890e−01	MIR25
ENSG00000207554	1.774262e+01	0.141417631	0.2824836927	−0.1039527443	0.428601031	0.357938988	0.0063396560	0.1184762762	3.648481e−01	MIR647
ENSG00000207650	1.850135e+01	0.292655099	0.0163036502	−0.0172432876	0.886749063	0.029655273	0.8065189136	0.0303991609	8.009570e−01	MIR570
ENSG00000207652	2.248700e+01	−0.308325710	0.0186217186	−0.2018570904	0.122274039	−0.328708971	0.0119286154	−0.1147584081	3.780134e−01	MIR621
ENSG00000207757	3.583009e+00	0.198561215	0.0268629469	0.1784366197	0.046059915	0.073772919	0.4076863119	0.0631971691	4.773276e−01	MIR93
ENSG00000207870	1.677196e+00	0.218348296	0.0059401570	0.1579886220	0.045679737	−0.035669939	0.6482608059	0.0754884176	3.362701e−01	MIR221
ENSG00000207975	1.137253e+00	0.124050671	0.0403194538	0.0618133801	0.305285210	0.007854032	0.8959728389	0.0355677528	5.543909e−01	MIR181B1
ENSG00000210082	1.156902e+05	−0.195907981	0.0394774988	0.0145605217	0.878990365	0.026939190	0.7781857217	−0.1180742995	2.199404e−01	MT−RNR2
ENSG00000210135	6.656200e+01	−0.165735416	0.1132739535	−0.1119550748	0.285685683	−0.106138562	0.3119601345	−0.3469964666	1.063212e−03	MT−TN
ENSG00000210140	3.690273e+01	−0.240295819	0.0668796825	−0.2135369535	0.102535832	−0.251463569	0.0545758632	−0.4387202509	7.669294e−04	MT−TC
ENSG00000210144	6.281807e+00	−0.162781513	0.2038853408	−0.1356533219	0.288318279	−0.094309407	0.4604114109	−0.2874356603	2.326947e−02	MT−TY
ENSG00000210196	8.931181e+02	−0.103713523	0.3818705911	−0.0132932072	0.910828356	0.053358620	0.6530330754	−0.2509817909	3.469767e−02	MT−TP
ENSG00000211445	7.699065e+02	−0.010856090	0.9322272015	0.0226188751	0.859174056	−0.099792545	0.4337859207	−0.4529107596	3.737359e−04	GPX3
ENSG00000211448	1.046093e+00	0.140225954	0.0113262916	0.0931504757	0.091839894	0.045917047	0.4044858907	0.0404605170	4.623047e−01	DIO2
ENSG00000211450	1.686367e+03	−0.090187985	0.0513803988	−0.0525467687	0.261247838	−0.164107070	0.0004637719	−0.0382857508	4.195804e−01	SELENOH
ENSG00000211455	3.529373e+03	0.133983131	0.0947560946	0.1923089561	0.017281647	0.109877469	0.1738466709	0.1030758396	2.062048e−01	STK38L
ENSG00000211456	2.233481e+03	0.045052444	0.4609702482	0.0821038656	0.183318390	0.210923332	0.0006263047	0.1076811344	8.454332e−02	SACM1L
ENSG00000211459	2.269157e+04	−0.238000330	0.0116537060	−0.0846794150	0.372008153	−0.074839485	0.4301243093	−0.1658193383	8.245752e−02	MT−RNR1
ENSG00000211575	4.952904e−01	0.017703394	0.7064579834	0.0096353556	0.837436000	−0.004637900	0.9212441071	0.1007836439	3.232254e−02	MIR760
ENSG00000211592	5.983605e+02	0.173683940	0.1189562649	0.0922509158	0.405984934	0.219171754	0.0483567923	0.3199295740	3.802602e−03	IGKC
ENSG00000211593	1.907417e+00	0.118408992	0.1639078720	0.1011213006	0.233247382	0.161843393	0.0566593021	0.1721267162	4.258246e−02	IGKJ5
ENSG00000211598	1.027211e+02	0.183229324	0.0472077119	−0.0136182066	0.882430633	0.179054924	0.0518767356	0.2150493948	1.917696e−02	IGKV4−1
ENSG00000211625	4.024625e+00	0.116531410	0.0838655638	−0.0051700513	0.938658713	0.023232784	0.7294350934	0.1700821669	1.147528e−02	IGKV3D−20
ENSG00000211638	8.454086e+00	0.133754020	0.0287970846	0.0288494726	0.636660494	0.044899721	0.4621720803	0.0990588177	1.044858e−01	IGLV8−61
ENSG00000211639	2.716231e+00	0.020001714	0.7563663013	0.0405261636	0.529329242	0.137528136	0.0329807087	0.1160307855	7.161018e−02	IGLV4−60
ENSG00000211648	3.405919e+01	0.025814758	0.6853536097	0.0504220566	0.428161995	0.036696587	0.5641388352	0.2082907371	1.047738e−03	IGLV1−47
ENSG00000211650	3.416051e+00	0.132132228	0.0454626694	0.0578058551	0.380297815	0.009351609	0.8869697824	0.0990675417	1.324268e−01	IGLV5−45
ENSG00000211651	3.306266e+01	0.002608205	0.9721451559	−0.0217945864	0.770062666	0.040359535	0.5883387806	0.2266597543	2.330974e−03	IGLV1−44
ENSG00000211653	7.168227e+01	−0.023140173	0.7585690954	−0.0062537095	0.933687947	0.042771666	0.5693069002	0.1825199441	1.496688e−02	IGLV1−40
ENSG00000211660	3.431700e+01	0.007284484	0.9319595391	−0.0716440587	0.399899371	0.009548271	0.9106840124	0.3131337837	2.288964e−04	IGLV2−23
ENSG00000211664	8.525687e+00	0.102230080	0.0335450773	0.0155560166	0.746124275	0.025307715	0.5983577917	0.0936629254	5.111547e−02	IGLV2−18
ENSG00000211666	1.313168e+02	0.226006095	0.0111068094	0.0405360954	0.647970409	0.074541210	0.4011279311	0.2985651920	7.461934e−04	IGLV2−14
ENSG00000211670	2.593491e+00	−0.017596793	0.7511297248	−0.0186067200	0.737097191	0.120031213	0.0305922869	0.0715109980	1.972504e−01	IGLV3−9
ENSG00000211673	3.276252e+00	0.076673907	0.2941846557	0.1095677788	0.133435166	0.051996128	0.4754604976	0.2216046002	2.424033e−03	IGLV3−1
ENSG00000211677	2.930726e+02	0.118775951	0.2482266890	0.0133454673	0.896461866	0.100963542	0.3248804398	0.3022530786	3.095494e−03	IGLC2
ENSG00000211679	1.485387e+02	0.216532981	0.0343303561	0.1273048152	0.212045004	0.152695288	0.1344238814	0.3750213978	2.248867e−04	IGLC3
ENSG00000211685	2.482727e+00	0.042118046	0.5046533797	−0.0188750859	0.764395476	0.168370743	0.0076858826	0.0562773933	3.715992e−01	IGLC7
ENSG00000211706	1.109031e+00	0.033989946	0.5744683947	0.0262691330	0.663869775	0.078333583	0.1952539179	0.1837063360	2.512297e−03	TRBV6−1
ENSG00000211710	6.385705e−01	0.028097357	0.5136161337	−0.0042015379	0.922058325	0.090704134	0.0350371947	0.0378268272	3.789703e−01	TRBV4−1
ENSG00000211714	1.889399e+01	−0.106380918	0.4148095385	0.0428563121	0.741712416	−0.295830472	0.0226221701	−0.0464420028	7.197357e−01	TRBV7−3
ENSG00000211793	6.398238e−01	0.001101066	0.9822235141	0.0293786822	0.552619457	0.140993868	0.0045098907	0.0305715227	5.361244e−01	TRAV9−2
ENSG00000211890	3.504896e+02	0.077447084	0.3709789478	0.0073342042	0.932331628	0.165607463	0.0552052487	0.2103399044	1.461148e−02	IGHA2
ENSG00000211895	1.390695e+03	0.138213110	0.1390354759	−0.0008112350	0.993054154	0.157533282	0.0909347477	0.3408931232	2.427702e−04	IGHA1
ENSG00000211896	5.791682e+02	0.237603993	0.0053960523	−0.0208283774	0.806888713	0.121602799	0.1535494195	0.1840000021	3.037026e−02	IGHG1
ENSG00000211897	7.791711e+01	0.276453200	0.0013710374	−0.0136305292	0.874288025	0.146535605	0.0890138310	0.2807958331	1.086332e−03	IGHG3
ENSG00000211898	2.529592e+02	0.156084306	0.1346295229	0.0639052969	0.538906401	0.007703120	0.9409534210	0.2256322033	2.943144e−02	IGHD
ENSG00000211899	2.387417e+03	0.136930122	0.2398075289	0.2066586845	0.074999479	0.163928289	0.1578525274	0.3123602021	6.863164e−03	IGHM
ENSG00000211934	8.120919e+00	0.037856775	0.6045987795	0.0057296518	0.937414349	0.029328186	0.6877020802	0.2546319655	4.848085e−04	IGHV1−2
ENSG00000211941	1.206690e+01	0.089357092	0.1953970226	0.1362815919	0.048032008	0.035603022	0.6052487741	0.1546960705	2.457242e−02	IGHV3−11
ENSG00000211945	3.292077e+01	0.053487824	0.4876477875	−0.0150407116	0.844966860	0.178740766	0.0201791654	0.1329086733	8.340715e−02	IGHV1−18
ENSG00000211946	3.820230e+00	0.134214234	0.0462309682	0.0641100704	0.339792991	0.061738526	0.3576498712	0.1360583602	4.275587e−02	IGHV3−20
ENSG00000211947	1.211157e+01	0.218145603	0.0191446601	0.0992485387	0.284711328	0.038704153	0.6762441430	0.3732446688	5.682737e−05	IGHV3−21
ENSG00000211951	2.557481e+00	0.041375828	0.4910225914	0.0363394893	0.544727321	0.046501804	0.4380561602	0.1787104807	2.944285e−03	IGHV2−26
ENSG00000211955	2.564665e+01	0.063814602	0.4220204848	0.1771728579	0.025573352	0.123032503	0.1209461748	0.1023483387	1.959817e−01	IGHV3−33
ENSG00000211956	2.823148e+01	0.115399424	0.1476274338	0.0356804148	0.653642614	0.155867569	0.0500355218	0.2824524172	3.749753e−04	IGHV4−34
ENSG00000211964	7.008534e+00	0.076289302	0.3281981161	0.0100571701	0.897175472	0.032839617	0.6729839718	0.2393201055	2.110440e−03	IGHV3−48
ENSG00000211966	5.493848e+01	0.116435009	0.1384932043	0.0316723157	0.686386258	0.178698576	0.0227422075	0.1477165617	5.913166e−02	IGHV5−51
ENSG00000211970	5.919514e+00	0.103599348	0.1317764458	0.0004558565	0.994696237	0.149251152	0.0297041874	0.0721899998	2.919160e−01	IGHV4−61
ENSG00000211973	1.864785e+00	0.132022695	0.0443222182	−0.0253586024	0.697485858	0.026672342	0.6827597441	−0.0010116286	9.876360e−01	IGHV1−69
ENSG00000211978	2.451574e+00	0.069141698	0.3652266380	0.1187795944	0.119684065	0.175053141	0.0218943140	0.1393985136	6.756794e−02	IGHV5−78
ENSG00000212232	1.213047e+01	−0.308018439	0.0155621287	−0.1267919303	0.318511382	−0.211658377	0.0954209192	−0.0729641610	5.643206e−01	SNORD17
ENSG00000212391	6.920391e−01	−0.055041778	0.3046216879	−0.1076702679	0.043844022	−0.107504927	0.0437330250	−0.0348303185	5.159873e−01	SNORA48
ENSG00000212443	1.720221e+01	−0.234663932	0.0446798711	−0.0279301973	0.810834024	−0.111627596	0.3382802802	−0.2043083290	7.809291e−02	SNORA53
ENSG00000212457	3.395255e+00	−0.194943551	0.0443084270	−0.0709782969	0.464790959	−0.093365884	0.3353063920	−0.1233189844	2.017827e−01	RNU6−644P
ENSG00000212664	5.377044e+02	−0.182958729	0.0108035631	−0.1045276519	0.148305747	−0.141293685	0.0509686449	−0.2275335290	1.881002e−03	AC064799.1
ENSG00000212719	5.752184e+01	−0.366341584	0.0053389864	−0.1505976148	0.250641990	−0.072491566	0.5802883111	−0.3255725549	1.259150e−02	C17orf51
ENSG00000212802	1.036678e+04	−0.163422819	0.0009855975	−0.1071786727	0.032560778	−0.113432863	0.0236988118	−0.1665969399	1.045588e−03	RPL15P3
ENSG00000212864	5.335522e+01	−0.329442308	0.0087231245	−0.2006618935	0.109446929	−0.253050967	0.0437066650	−0.2252951175	7.200607e−02	RNF208
ENSG00000213055	2.594020e+00	−0.045123150	0.6619024417	−0.1329309927	0.194110708	−0.302158154	0.0028613181	−0.2126558939	3.690494e−02	EEF1B2P7
ENSG00000213058	2.467402e+02	−0.121689381	0.1083711404	−0.1293093737	0.087443236	−0.018035260	0.8116007499	−0.1929517391	1.059413e−02	AL365357.1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000213066	4.657386e+02	1.291567e−01	1.957213e−01	0.122797055	0.2208203847	0.253312133	0.011506431	1.189436e−01	2.379839e−01	FGFR1OP
ENSG00000213070	2.672288e+00	−4.171797e−02	6.382387e−01	−0.160355551	0.0691291782	−0.096562834	0.274154294	−1.812623e−01	3.900217e−02	HMGB3P6
ENSG00000213077	1.535099e+01	2.941450e−01	1.234226e−02	0.286020820	0.0145782834	0.269925361	0.021086856	2.013701e−01	8.392651e−02	FAM106A
ENSG00000213080	2.703488e+02	−1.993238e−01	4.375157e−03	−0.062732361	0.3717744718	−0.120820050	0.086399144	−4.193408e−02	5.544544e−01	AL354714.2
ENSG00000213110	1.049363e+00	3.368403e−02	5.406808e−01	0.068894420	0.2109773929	0.122523454	0.026184613	6.033419e−02	2.729346e−01	AC019178.1
ENSG00000213131	1.996492e+01	8.120553e−05	9.995061e−01	0.259142386	0.0476452048	0.008941724	0.945466128	1.515520e−01	2.444309e−01	YWHAZP4
ENSG00000213174	4.300338e+00	8.008672e−02	4.823082e−01	0.119384338	0.2940539876	0.224057003	0.049405306	2.131792e−01	6.049258e−02	AC026316.1
ENSG00000213178	4.366352e+03	−2.092691e−01	5.081602e−05	−0.046733663	0.3703751007	−0.045658351	0.381563887	−1.937582e−01	2.488942e−04	AC074033.1
ENSG00000213190	3.512764e+02	1.408339e−01	8.772581e−02	0.127623012	0.1243829909	0.255602713	0.002059872	2.048118e−02	8.073178e−01	MLLT11
ENSG00000213203	2.572730e+02	−3.366098e−02	7.870730e−01	0.158432130	0.2031693984	0.097061283	0.435709972	3.535408e−01	4.476215e−03	GIMAP1
ENSG00000213225	3.699637e+01	2.252522e−01	8.155033e−02	0.194071748	0.1327897682	−0.010032769	0.938159679	3.129835e−01	1.505413e−02	NOC2LP1
ENSG00000213246	3.183075e+03	−1.104541e−01	2.362785e−02	−0.026488730	0.5912032569	−0.110267563	0.025484776	−1.692036e−01	7.200588e−04	SUPT4H1
ENSG00000213250	7.770162e+01	2.630199e−01	2.938100e−02	0.282505999	0.0193551313	0.260490779	0.031160997	3.833994e−01	1.488578e−03	RBMS2P1
ENSG00000213261	1.268501e+03	−2.208612e−01	1.969438e−03	−0.077753795	0.2796416116	−0.080408982	0.263676032	−2.928857e−01	5.712981e−05	EEF1B2P6
ENSG00000213291	9.708006e−01	−1.030716e−01	3.230123e−02	−0.063511472	0.1875670167	−0.042350224	0.379285329	−9.906309e−02	3.933765e−02	AC010099.1
ENSG00000213305	4.553180e+00	−3.025787e−01	9.383947e−03	0.050522097	0.6667864067	−0.101167819	0.385756634	−7.918043e−02	4.969102e−01	HNRNPCP6
ENSG00000213326	4.625184e+02	−1.738112e−01	1.881190e−02	−0.141546792	0.0576970638	−0.114966828	0.123253627	−2.399119e−01	1.468160e−03	RPS7P11
ENSG00000213371	3.476261e+02	−1.716246e−01	4.144272e−02	−0.109953928	0.1941888777	−0.132773342	0.117276427	−2.029021e−01	1.761230e−02	NAP1L1P3
ENSG00000213397	1.710047e+02	−7.975589e−02	3.931411e−01	−0.039953368	0.6702066197	−0.091610737	0.329693472	−2.815787e−01	3.017122e−03	HAUS7
ENSG00000213399	2.115500e+01	−2.727810e−01	3.230709e−02	−0.106036402	0.4030991689	−0.075451693	0.551947024	2.769731e−02	8.265908e−01	AC022210.1
ENSG00000213406	1.473881e+01	9.751853e−02	4.561136e−01	−0.003711601	0.9773381994	0.053210368	0.683787397	2.617607e−01	4.398531e−02	ANXA2P1
ENSG00000213420	3.552433e+01	2.674932e−01	4.023360e−02	0.084651612	0.5156729764	0.130489382	0.316323056	1.875734e−01	1.483607e−01	GPC2
ENSG00000213430	2.018002e+02	−1.462148e−02	8.621748e−01	0.185258257	0.0280468395	0.071158619	0.400573269	1.931667e−01	2.324086e−02	HSPD1P1
ENSG00000213432	8.039137e+00	−9.567035e−02	4.547818e−01	−0.269981805	0.0338449454	−0.035609427	0.780242394	−2.046326e−01	1.061080e−01	RPL17P34
ENSG00000213433	1.220796e+01	2.710563e−01	3.627704e−02	0.180791692	0.1606210807	0.290617183	0.024205886	3.206304e−01	1.252460e−02	AC091982.1
ENSG00000213442	2.897317e+04	−1.608267e−01	2.735128e−03	−0.118456875	0.0289926101	−0.121149127	0.025538492	−1.629915e−01	3.017962e−03	RPL18AP3
ENSG00000213453	1.854367e+02	−4.579703e−02	6.292287e−01	0.048135720	0.6131010063	−0.169366310	0.076511278	−2.746336e−01	4.367610e−03	FTH1P3
ENSG00000213463	5.774725e+02	1.008649e−01	8.513705e−02	0.067753672	0.2526183933	0.121245552	0.040570769	5.911875e−02	3.241663e−01	SYNJ2BP
ENSG00000213467	8.067891e+00	1.810357e−02	8.789911e−01	−0.020866186	0.8600842461	0.238181885	0.045043497	−4.161498e−03	9.718432e−01	HMGB1P37
ENSG00000213480	2.417975e+00	−1.495544e−01	7.490375e−02	−0.090934153	0.2791760795	−0.044619447	0.595508800	−1.802192e−01	3.085042e−02	AC093816.1
ENSG00000213512	1.563079e+01	4.940430e−02	6.380516e−01	0.066544631	0.5252302388	0.252482612	0.016055913	1.931910e−01	6.420477e−02	GBP7
ENSG00000213553	1.749518e+04	−1.706706e−01	1.881474e−03	−0.106417980	0.0551004094	−0.107466745	0.052755986	−1.578038e−01	4.983571e−03	RPLP0P6
ENSG00000213563	9.465870e+02	−1.008278e−01	2.466116e−01	−0.144872185	0.0981830629	−0.185267681	0.034514222	−8.736832e−02	3.223691e−01	C8orf82
ENSG00000213593	1.141301e+03	4.922207e−02	2.331157e−01	0.113443745	0.0065090456	0.111466981	0.007572366	1.245937e−01	3.194268e−03	TMX2
ENSG00000213598	1.111013e+03	−2.533859e−01	1.692192e−04	−0.160444340	0.0181773459	−0.148683803	0.028646396	−1.872673e−01	6.419483e−03	AL049873.1
ENSG00000213609	2.595730e+02	−2.313900e−01	5.549725e−03	−0.055174330	0.5097280768	−0.164312902	0.050274963	−1.950494e−01	2.128584e−02	RPL7AP50
ENSG00000213614	3.435069e+03	−1.832816e−01	5.768758e−04	−0.056429354	0.2940733976	−0.092070747	0.087028993	−2.010757e−01	2.255884e−04	HEXA
ENSG00000213619	1.841860e+03	−7.680457e−02	6.855159e−02	−0.002353184	0.9559678910	−0.104595643	0.014347355	−3.113485e−02	4.712500e−01	NDUFS3
ENSG00000213626	1.829720e+02	2.358608e−01	7.365840e−02	0.249507414	0.0576824277	0.318158312	0.015505082	2.348366e−01	7.289164e−02	LBH
ENSG00000213639	8.523574e+03	3.064541e−01	4.069431e−03	0.170989663	0.1101139523	0.110255881	0.302926598	1.825953e−01	8.925864e−02	PPP1CB
ENSG00000213654	9.739263e+03	−9.780942e−02	2.084925e−02	−0.040607273	0.3428688457	−0.093335721	0.029292129	−1.148522e−02	7.913620e−01	GPSM3
ENSG00000213676	6.056360e+03	−6.525791e−02	1.378613e−01	−0.023436949	0.5982093021	−0.114313977	0.010204562	−5.695664e−02	2.067029e−01	ATF6B
ENSG00000213741	2.005164e+04	−1.800206e−01	1.031908e−03	−0.043807274	0.4293213993	−0.018542550	0.737977005	−2.303639e−01	4.080778e−05	RPS29
ENSG00000213742	1.735164e+01	4.057341e−02	7.571208e−01	−0.056292698	0.6671864598	0.034627975	0.791322612	−3.297504e−01	1.159702e−02	ZNF337−AS1
ENSG00000213757	6.418272e+01	−2.307821e−01	2.685805e−02	−0.318750609	0.0024024094	−0.149787574	0.151895804	−7.556689e−02	4.694702e−01	AC020898.1
ENSG00000213791	1.937287e+00	−1.381179e−01	1.162275e−01	−0.184091940	0.0354335754	−0.133466598	0.127484545	−1.360687e−01	1.203043e−01	AC104212.1
ENSG00000213801	7.668529e+01	−1.241735e−01	2.291591e−01	−0.086270709	0.4044799519	−0.104702136	0.312462178	−2.216123e−01	3.384349e−02	ZNF321P
ENSG00000213816	9.014513e+00	−2.434661e−01	4.371591e−02	−0.151883432	0.2072821589	−0.071433391	0.553373493	−1.824842e−01	1.279396e−01	CNN2P4
ENSG00000213853	5.942017e+00	1.280291e−03	9.880953e−01	0.183968399	0.0321167540	0.003066411	0.971412338	1.364394e−02	8.731036e−01	EMP2
ENSG00000213857	9.122229e+00	−2.408465e−01	4.357467e−02	−0.196018039	0.0993740558	−0.016918438	0.887156753	−1.897932e−02	8.731115e−01	AL080243.1
ENSG00000213862	5.784862e+02	−2.243413e−01	1.393709e−02	−0.039655865	0.6653294374	−0.174059657	0.057898594	−1.810242e−01	5.005241e−02	AC044787.1
ENSG00000213864	4.740207e+01	−2.632332e−01	3.439246e−02	−0.267968132	0.0311762129	−0.103215977	0.405847115	−1.565751e−01	2.071378e−01	EEF1B2P2
ENSG00000213865	9.164796e+01	−2.181564e−01	4.295656e−02	0.099839848	0.3526363503	−0.009958531	0.926347475	4.614960e−02	6.687937e−01	C8orf44
ENSG00000213871	1.638278e+00	−1.354161e−01	4.777774e−02	−0.065402274	0.3399591850	−0.081438614	0.233828669	−1.401207e−01	3.983072e−02	TAF9BP1
ENSG00000213886	2.931762e+00	1.721014e−02	8.593476e−01	−0.008878471	0.9269773602	0.227173974	0.019917046	−1.394817e−01	1.455979e−01	UBD
ENSG00000213923	2.478109e+03	−7.197182e−02	2.630586e−01	−0.095246715	0.1423953358	−0.077290075	0.233945624	−1.341085e−01	4.118864e−02	CSNK1E
ENSG00000213928	6.269231e+02	2.496615e−01	2.265150e−02	0.181012702	0.0993389388	0.212541862	0.052979290	3.371261e−01	2.217111e−03	IRF9
ENSG00000213930	8.255274e+02	1.452982e−01	3.272422e−02	0.043810264	0.5237564662	0.078945619	0.250626696	−1.130439e−02	8.708934e−01	GALT
ENSG00000213949	3.760813e+01	−2.765104e−01	1.888776e−02	−0.180947859	0.1231782583	−0.167190895	0.154295570	−4.133454e−02	7.237293e−01	ITGA1
ENSG00000213965	1.052693e+03	−1.103873e−01	1.406854e−01	−0.022855806	0.7621657008	−0.066579612	0.378270711	−1.568960e−01	3.975710e−02	NUDT19
ENSG00000213977	2.599641e+02	−1.685435e−01	4.297106e−02	−0.210098167	0.0123358704	−0.091640196	0.274288056	−1.935349e−01	2.213168e−02	TAX1BP3
ENSG00000213979	8.496620e−01	1.006627e−01	1.260033e−01	0.062735570	0.3384661109	0.146670395	0.025643032	5.070273e−02	4.386519e−01	RPL7AP14
ENSG00000213994	2.004235e+00	4.795333e−02	5.305408e−01	0.158224108	0.0389694027	−0.006283584	0.934172908	1.376698e−01	7.161703e−02	AL157395.1
ENSG00000213995	1.038504e+03	3.448728e−02	5.235236e−01	−0.032231173	0.5555811061	−0.128187423	0.019338571	−7.921768e−02	1.530556e−01	NAXD
ENSG00000214021	1.707941e+03	2.125258e−01	2.507757e−03	0.136344000	0.0546884085	0.201140049	0.004585592	4.708001e−02	5.117450e−01	TTLL3
ENSG00000214022	7.533761e+03	−1.884825e−01	2.137431e−02	−0.208744045	0.0113977316	−0.082967865	0.314536849	−1.818575e−01	2.889135e−02	REPIN1
ENSG00000214045	3.695365e+00	−1.457168e−01	1.559025e−01	−0.190445509	0.0625008976	−0.153826611	0.132401752	−2.038143e−01	4.542495e−02	AC091807.1
ENSG00000214046	9.442529e+02	−9.086084e−02	9.935119e−02	−0.076231794	0.1712270655	0.019497042	0.726128155	−1.380351e−01	1.447709e−02	SMIM7
ENSG00000214063	1.132760e+03	9.820498e−02	3.055444e−01	0.192460153	0.0456928251	0.004285647	0.964531242	2.179066e−02	8.221791e−01	TSPAN4
ENSG00000214113	8.800211e+02	−1.368351e−01	3.700388e−02	−0.040643100	0.5388945004	−0.059072228	0.372117394	−1.265951e−01	5.870301e−02	LYRM4
ENSG00000214121	1.768717e+00	−1.838224e−01	3.355061e−02	−0.097416849	0.2610198233	−0.127505367	0.139819793	−3.446235e−02	6.914317e−01	PRDX1P1
ENSG00000214199	7.507000e+01	−2.156813e−01	6.584954e−02	−0.237047832	0.0434935831	−0.107318643	0.360091083	−1.490312e−01	2.043317e−01	EEF1A1P12
ENSG00000214212	3.436438e+03	−1.978865e−01	6.735272e−04	−0.107956996	0.0662122650	−0.171836550	0.003470175	−1.345755e−01	2.372898e−02	C19orf38
ENSG00000214253	1.708447e+03	−9.897358e−02	3.221321e−02	−0.074757375	0.1095326945	−0.099766427	0.032869698	−8.423461e−02	7.534436e−02	FIS1
ENSG00000214279	3.035006e+01	2.800232e−01	3.352115e−02	0.215863276	0.1001578950	0.302963114	0.021034964	4.331325e−01	9.239735e−04	SCART1
ENSG00000214293	6.644935e+01	−2.591550e−01	2.714869e−02	0.165337286	0.1564879702	−0.204579391	0.081464790	−1.554527e−01	1.851454e−01	APTR
ENSG00000214322	1.163529e+00	−1.336532e−01	5.941147e−02	−0.096433444	0.1735653764	−0.071925638	0.309727883	−1.575351e−01	2.594047e−02	CBX1P2
ENSG00000214389	6.061339e+03	−2.069504e−01	3.104695e−04	−0.056473709	0.3298215106	−0.089524105	0.122465500	−2.892194e−01	8.387526e−07	RPS3AP26
ENSG00000214391	3.538952e+02	−5.594803e−02	5.057041e−01	−0.068737706	0.4167862249	−0.085265605	0.314194096	−2.061507e−01	1.596553e−02	TUBAP2
ENSG00000214456	9.948762e+00	−4.866745e−02	6.355780e−01	0.205055157	0.0458090522	0.019602689	0.848136801	2.695059e−01	8.553366e−03	PLIN5
ENSG00000214460	1.312250e+01	−2.755853e−01	3.243612e−02	−0.142610346	0.2671836369	−0.166914749	0.193805123	−2.241936e−01	7.940620e−02	TPT1P6
ENSG00000214485	6.913440e+03	−2.009961e−01	9.960231e−04	−0.064266365	0.2972088246	−0.106502682	0.084117102	−1.510495e−01	1.549821e−02	RPL7P1
ENSG00000214530	1.851983e+02	−1.822674e−01	1.026441e−01	−0.046428227	0.6779889614	−0.119143778	0.287069331	−2.940120e−01	8.843986e−03	STARD10
ENSG00000214548	6.967328e+00	1.672153e−01	4.879937e−02	0.163562972	0.0534454465	0.196622092	0.020241169	1.934530e−01	2.203534e−02	MEG3
ENSG00000214558	6.077577e+01	−2.232981e−01	4.652075e−02	−0.161532846	0.1500944967	0.008620554	0.938589920	−1.015229e−01	3.661474e−01	AL365217.1
ENSG00000214593	8.677216e−01	−1.283492e−01	4.642477e−02	−0.050159283	0.4382176276	−0.062305956	0.334122488	−1.204095e−01	6.120593e−02	AL354710.1
ENSG00000214595	4.914266e+01	8.244484e−02	5.275731e−01	0.279560990	0.0316298625	0.405129247	0.001846298	8.352377e−02	5.187154e−01	EML6
ENSG00000214652	8.940882e+00	−9.182603e−02	3.320039e−01	−0.127968320	0.1752552073	−0.158733672	0.092407272	−2.958599e−01	1.618369e−03	ZNF727
ENSG00000214671	6.679060e−01	8.658478e−02	6.967948e−02	0.095688328	0.0450417782	0.039623471	0.404663761	1.017271e−03	9.829065e−01	AC096741.1
ENSG00000214700	5.982284e+00	−9.059435e−02	4.101530e−01	−0.165944792	0.1296194941	−0.118197278	0.280448866	−2.425428e−01	2.578783e−02	C12orf71
ENSG00000214753	1.964381e+03	−1.267320e−01	1.585621e−03	−0.041587411	0.3049876234	0.019944006	0.622632995	3.849434e−05	9.992523e−01	HNRNPUL2
ENSG00000214765	5.855088e+02	−2.097781e−02	7.716505e−01	−0.055148177	0.4496009140	−0.101489267	0.164596274	−1.536836e−01	3.726180e−02	SEPT7P2
ENSG00000214770	1.020507e+00	−7.762061e−02	2.628052e−01	−0.087860548	0.2039863677	−0.076629338	0.267134602	−1.429708e−01	3.805062e−02	AL161756.1
ENSG00000214784	5.138808e+02	−1.979298e−01	3.042119e−02	−0.055008103	0.5493515562	−0.133897669	0.145346685	−2.643147e−01	4.343049e−03	AC010468.1
ENSG00000214846	5.030160e+00	−2.410323e−01	1.870403e−02	−0.099427610	0.3323846786	−0.093752923	0.360313899	4.729158e−03	9.631968e−01	AC114744.1
ENSG00000214870	2.744162e+01	−9.023210e−02	4.937727e−01	−0.040264797	0.7593412817	−0.106931453	0.415878588	−2.696907e−01	3.934491e−02	AC004540.1
ENSG00000214872	5.071984e+01	2.109033e−01	1.080819e−01	0.118821816	0.3636253054	0.321379401	0.014022653	2.544308e−01	5.069052e−02	SMTNL1
ENSG00000214881	2.046243e+02	−1.510033e−01	4.171894e−02	−0.108332335	0.1468711573	−0.199138919	0.007955434	−1.917776e−01	1.118612e−02	TMEM14DP
ENSG00000214900	9.901678e+01	2.112158e−01	9.302834e−02	0.436230260	0.0005103818	0.161005598	0.200253890	1.131943e−01	3.673568e−01	LINC01588
ENSG00000214914	9.591375e+00	−1.477886e−01	2.620524e−01	−0.368472095	0.0049655195	−0.198207512	0.131033416	−2.068261e−01	1.136349e−01	RPL23AP3
ENSG00000214943	1.086806e+01	1.733792e−01	1.252454e−01	0.118023879	0.2944930281	0.137407246	0.222155957	2.924615e−01	9.268300e−03	GPR33
ENSG00000214944	1.053822e+00	−6.785583e−03	9.116483e−01	0.080332625	0.1900609755	0.050804157	0.405783727	1.663332e−01	6.877775e−03	ARHGEF28
ENSG00000214960	9.937474e+00	3.013391e−01	1.000344e−02	0.337702926	0.0037953029	0.217328415	0.061886192	2.360612e−01	4.165868e−02	ISPD
ENSG00000215009	1.092177e+00	2.700598e−02	6.385181e−01	0.055691088	0.3325490295	0.026931030	0.638478709	1.307716e−01	2.328185e−02	ACSM4
ENSG00000215014	5.963988e+01	3.052372e−01	2.030673e−02	0.170864827	0.1927657356	−0.232583838	0.076390805	−9.479204e−03	9.422043e−01	AL645728.1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
G00000215021	7.646447e+03	−0.121426822	2.616764e−03	−0.054983850	0.1778901661	−0.121785118	2.856773e−03	−0.1133192156	6.202793e−03	PHB2
G00000215022	1.206381e+02	0.270214902	3.033479e−02	0.175800754	0.1587298101	0.173120803	1.652516e−01	−0.0690896225	5.798373e−01	AL008729.1
G00000215030	1.123937e+04	−0.091641841	3.975962e−01	−0.124103015	0.2533599352	−0.060597586	5.770263e−01	−0.2864139405	8.625382e−03	AC073621.1
G00000215086	2.224983e+02	−0.069956226	4.186173e−01	−0.059426825	0.4945744446	−0.178489400	4.088250e−02	−0.0134918920	8.777135e−01	NPM1P24
G00000215105	4.595064e+02	−0.096912075	2.169310e−01	−0.084288125	0.2866682032	−0.059107431	4.550567e−01	−0.2109697808	8.307776e−03	TTC3P1
G00000215114	1.206359e+03	−0.103846676	1.284846e−01	−0.091128892	0.1861147612	−0.028295993	6.813558e−01	0.1557807018	2.511982e−02	UBXN2B
G00000215190	1.664090e+02	0.181219027	1.122992e−01	0.258078781	0.0239109581	0.401985485	4.306303e−04	0.1388392128	2.257080e−01	LINC00680
G00000215196	2.564911e+00	0.003595932	9.697230e−01	−0.060030481	0.5243484999	0.212011692	2.594865e−02	−0.0265681665	7.776124e−01	AC026790.1
G00000215237	1.170801e+00	0.026671462	6.529238e−01	0.133221485	0.0252152077	0.036495823	5.377343e−01	0.0695116168	2.406328e−01	AL592293.1
G00000215241	4.091675e+01	−0.283823072	3.075282e−02	−0.344471964	0.0085095333	−0.294515247	2.447840e−02	−0.2918117925	2.517225e−02	LINC02449
G00000215256	4.279454e+02	−0.244838223	2.614289e−03	−0.054637683	0.5038804535	0.019024569	8.158892e−01	−0.0024153914	9.766102e−01	DHRS4−AS1
G00000215271	1.408776e+02	0.127812557	2.152911e−01	0.321761766	0.0018109240	0.260156874	1.178536e−02	0.2001265896	5.431343e−02	HOMEZ
G00000215302	1.924952e+02	−0.050679287	6.506827e−01	−0.234073423	0.0371620969	−0.044405230	6.922476e−01	−0.0396610185	7.243479e−01	AC127502.1
G00000215414	4.305029e+02	0.049456331	4.692439e−01	0.225214744	0.0010431006	0.166427702	1.561159e−02	0.1869992269	7.132967e−03	PSMA6P1
G00000215417	4.022492e+01	0.471648223	2.875471e−04	0.430580052	0.0008904302	0.266272006	3.978345e−02	0.2992966795	2.025267e−02	MIR17HG
G00000215450	4.265561e+00	−0.328137835	4.995100e−03	−0.377384185	0.0011757460	−0.175454795	1.336056e−01	−0.2687262497	2.078141e−02	AL022342.1
G00000215475	2.208748e+00	−0.046629245	5.473774e−01	−0.114064153	0.1396861256	−0.118552997	1.242064e−01	−0.1644416938	3.243329e−02	SIAH3
G00000215477	1.122835e+00	0.108376757	4.905664e−02	0.038151638	0.4872330062	0.055751802	3.096531e−01	0.0415130194	4.489041e−01	RCN1P1
G00000215717	3.521582e+03	−0.090307486	1.017581e−01	−0.055627715	0.3184310708	−0.100744833	7.089250e−02	−0.1275288440	2.396931e−02	TMEM167B
G00000215769	6.094840e+02	0.247556651	1.131341e−03	0.128565707	0.0938799421	0.102831814	1.805844e−01	0.1798880755	2.022470e−02	ARHGAP27P1−BPTFP1−KPN
G00000215790	1.194355e+02	−0.311091313	7.265709e−03	−0.090384531	0.4350638371	−0.152189676	1.891723e−01	−0.1353198228	2.435244e−01	SLC35E2
G00000216020	2.054391e+00	0.053252881	5.134991e−01	0.160808319	0.0492117031	0.074415628	3.604184e−01	−0.0365730060	6.507653e−01	NA
G00000216181	2.754031e+00	0.187333591	3.808893e−02	0.135986741	0.1309596298	0.198208096	2.783298e−02	0.0160270825	8.574506e−01	NA
G00000216331	9.868712e−01	0.101702574	4.158454e−02	−0.010085130	0.8392682588	0.001276784	9.794953e−01	−0.0390392016	4.312464e−01	HIST1H1PS1
G00000216809	5.497168e+00	−0.222230678	3.482803e−02	−0.037636970	0.7213045110	−0.149023168	1.563759e−01	−0.0800434399	4.454458e−01	AL589993.1
G00000216866	2.333017e+03	−0.223977850	1.497135e−05	−0.073822957	0.1575736202	−0.148264489	4.570890e−03	−0.1889584831	3.605620e−04	RPS2P55
G00000216867	3.703688e+00	−0.306409752	5.989612e−03	−0.285614346	0.0102724286	−0.214795672	5.387682e−02	−0.2182835649	4.931055e−02	AC226101.1
G00000217026	1.277227e+01	−0.314352917	1.488553e−02	−0.225186114	0.0802261875	−0.193910681	1.319335e−01	−0.2450808620	5.569883e−02	RPL10P1
G00000217027	1.596006e+02	−0.223420875	4.780373e−02	−0.158035851	0.1621040580	−0.215832660	5.643200e−02	−0.1318469123	2.445700e−01	TPT1P4
G00000217060	1.889019e+01	−0.178430027	1.759464e−01	−0.255544926	0.0518314296	−0.404859832	2.059431e−03	−0.3178258094	1.514721e−02	AL135903.1
G00000217094	8.341234e+02	−0.156949499	2.489505e−02	−0.027624258	0.6951955225	−0.025863894	7.138428e−01	−0.0008150436	9.908693e−01	PPIAP31
G00000217128	9.090217e+02	0.174117279	2.163064e−02	0.063888665	0.4034938964	0.011735623	8.781260e−01	0.0067534219	9.303601e−01	FNIP1
G00000217624	4.244298e+02	0.205004666	1.594902e−02	0.147033043	0.0860827301	−0.006985327	9.351500e−01	0.0515488723	5.513147e−01	AL627402.1
G00000217644	3.078652e+00	−0.200224954	3.777855e−02	−0.106007253	0.2713870407	−0.110279130	2.517925e−01	−0.1926421000	4.480711e−02	AL355864.1
G00000217648	2.385007e+01	−0.014935590	9.097904e−01	0.271469787	0.0388101263	0.183912170	1.616536e−01	0.0337841373	7.963689e−01	AL136116.3
G00000217716	9.277480e+02	−0.115213868	2.886772e−01	0.055422398	0.6107004592	−0.011513460	9.157927e−01	−0.2679749059	1.422374e−02	RPS10P3
G00000217801	1.304739e+02	0.443848328	7.457504e−04	0.263715420	0.0445281182	0.062563820	6.336586e−01	0.1691946240	1.958295e−01	AL390719.1
G00000217805	3.381665e+00	−0.087030260	3.553355e−01	−0.103009871	0.2727088706	−0.221699359	1.766426e−02	−0.1541344962	9.899480e−02	AL590084.1
G00000217930	2.149828e+02	0.197946736	2.083001e−02	0.136842303	0.1129511978	0.196319451	2.290715e−02	0.1726040204	4.720402e−02	PAM16
G00000218052	2.873951e+00	0.090564136	3.076338e−01	0.105248329	0.2351117069	0.297654760	8.353392e−04	0.2038100213	2.149214e−02	ADAMTS7P4
G00000218073	1.721971e+00	0.130442064	6.654108e−02	0.024565048	0.7283530712	0.188307818	8.041304e−03	0.0830879662	2.402029e−01	AL021407.3
G00000218175	2.979709e+03	−0.197046162	6.547226e−03	−0.132929864	0.0688945988	−0.144873180	4.744865e−02	−0.0773921778	2.945025e−01	AC016739.1
G00000218227	2.702778e+03	−0.156305851	1.383652e−02	−0.075801204	0.2368921959	−0.149737605	1.952448e−02	−0.1071876209	9.836469e−02	AC136632.1
G00000218336	1.619431e+00	0.078792355	2.042645e−01	0.166924391	0.0072662740	0.079718258	1.981700e−01	0.0781855953	2.064760e−01	TENM3
G00000218416	4.730586e+00	−0.133275403	1.731929e−01	−0.179925966	0.0648745525	−0.087369036	3.706330e−01	−0.2199984393	2.347760e−02	PP14571
G00000218426	1.197279e+04	−0.149549532	6.277601e−02	−0.107782694	0.1831340382	−0.069209636	3.926778e−01	−0.2720106800	8.727810e−04	AL590867.2
G00000218510	3.215415e+02	−0.014385179	8.546621e−01	0.174183919	0.0271600830	0.373857899	1.979473e−06	0.1462188789	6.625652e−02	LINC00339
G00000218857	2.618126e+00	−0.108130494	2.624158e−01	−0.150378213	0.1175267201	−0.187819983	4.982747e−02	−0.0823288291	3.914226e−01	AL137222.1
G00000218976	3.798013e+00	0.186999054	5.032692e−02	0.217522700	0.0225503004	0.122234868	1.981973e−01	0.1498026329	1.145038e−01	AL138725.1
G00000219023	4.876145e+02	−0.179973027	2.948888e−02	−0.080973673	0.3303235264	−0.074261946	3.721485e−01	−0.1591240044	5.805690e−02	AL033519.2
G00000219201	2.704356e+02	0.024251614	8.185709e−01	0.021603350	0.8386318861	0.218239284	3.943433e−02	0.2671853104	1.199078e−02	AC138392.1
G00000219355	4.135174e+00	0.215615305	2.812619e−02	0.139970787	0.1524427997	0.094197853	3.344181e−01	0.0247274486	7.988414e−01	RPL31P52
G00000219507	4.963017e+03	−0.042292267	5.175978e−01	0.006414721	0.9225369367	−0.131255440	4.671043e−02	−0.2151004198	1.272597e−03	FTH1P8
G00000219665	3.104368e+02	−0.129914574	1.287383e−01	−0.195239013	0.0235498504	−0.166606336	5.336264e−02	−0.2074633383	1.691564e−02	AC008770.1
G00000219806	3.431305e+00	−0.097483625	2.898995e−01	−0.208709963	0.0226303731	−0.107484444	2.412973e−01	−0.0615195367	5.025852e−01	ATP5F1P6
G00000219928	1.845391e+02	−0.175763581	3.468163e−02	−0.123522572	0.1397285317	−0.087155745	2.974487e−01	−0.1278936580	1.298017e−01	AL161787.1
G00000219986	1.877815e+01	−0.290968007	2.722905e−02	−0.157761574	0.2297128703	−0.196532444	1.346323e−01	−0.1337720405	3.065407e−01	BTF3P7
G00000220205	3.401677e+03	−0.103525879	6.414788e−02	−0.091330792	0.1060280236	−0.149744348	8.076425e−03	−0.1558387339	6.475138e−03	VAMP2
G00000220378	1.385669e+01	0.093859507	4.069143e−01	0.127350312	0.2591468224	−0.243822083	3.002586e−02	−0.2595894304	2.028231e−02	KRT8P42
G00000220744	1.400888e+01	−0.159874212	2.253240e−01	−0.213763788	0.1038438022	−0.373006693	4.527004e−03	−0.2006006233	1.253697e−01	RPL5P18
G00000220785	1.087346e+01	0.108632221	3.435193e−01	0.080653961	0.4801999950	0.165937484	1.466099e−01	0.2271954537	4.615249e−02	MTMR9LP
G00000220793	7.356843e+00	−0.257664901	4.008875e−02	−0.211534500	0.0910639421	−0.158975491	2.042143e−01	−0.3146387766	1.137544e−02	AC087190.1
G00000220842	1.397936e+03	−0.219877222	2.046096e−03	−0.129203376	0.0722950381	−0.112490761	1.176842e−01	−0.2729021739	1.745728e−04	RPL21P16
G00000220875	3.330118e+00	0.033186438	7.397428e−01	−0.002319556	0.9813878533	0.126368938	2.052122e−01	0.1982375478	4.726229e−02	HIST1H3PS1
G00000221157	7.110894e−01	0.051723150	2.017190e−01	0.009574703	0.8128781418	0.079799551	4.871126e−02	0.0166562083	6.804390e−01	NA
G00000221241	1.746059e+00	−0.007452165	9.276863e−01	−0.145064268	0.0750898915	−0.191292764	1.843116e−02	−0.0823317586	3.120879e−01	SNORD88A
G00000221299	2.425907e+00	0.033048942	7.187014e−01	0.033750838	0.7125951958	0.322011405	5.037655e−04	−0.0051569649	9.548329e−01	NA
G00000221535	2.595856e+00	−0.102077883	3.326156e−01	−0.161756263	0.1229628432	−0.137117775	1.907253e−01	−0.2609913691	1.189798e−02	NA
G00000221716	1.848355e+00	0.050231589	4.445987e−01	−0.013976146	0.8310690401	0.025738423	6.944183e−01	0.1405203537	3.242850e−02	SNORA11
G00000221817	3.285402e+02	0.028975053	7.286631e−01	−0.007730605	0.9268133628	−0.013710488	8.706807e−01	−0.1961754175	2.118189e−02	PPP3CB−AS1
G00000221843	9.079255e+00	0.152555911	1.916267e−01	0.168019787	0.1489179011	0.032764633	7.777343e−01	0.2389479685	3.950754e−02	C2orf16
G00000221866	1.662380e+01	0.172331878	1.337249e−01	0.149711703	0.1911461125	0.368804975	1.302387e−03	0.1587191852	1.636817e−01	PLXNA4
G00000221869	1.896417e+04	−0.142874545	1.885709e−01	−0.162959256	0.1348138907	−0.232381002	3.297338e−02	−0.0350507107	7.485831e−01	CEBPD
G00000221914	1.074737e+03	0.185856282	3.236612e−02	0.112624824	0.1977183929	0.074894678	3.918384e−01	0.1037832840	2.391193e−01	PPP2R2A
G00000221926	9.993532e+01	−0.194123420	6.797240e−02	−0.244271860	0.0222046823	−0.325128657	2.393760e−03	−0.2762226574	1.000731e−02	TRIM16
G00000221930	2.937552e+02	−0.166165031	1.890216e−02	−0.152663178	0.0324703297	−0.066955208	3.476208e−01	−0.0322706175	6.533819e−01	FAM45BP
G00000221946	9.059281e+00	0.309159276	1.081430e−02	0.120745240	0.3167165826	0.229185993	5.765046e−02	0.1161928074	3.321774e−01	FXYD7
G00000221947	2.763815e+00	0.084392830	3.274291e−01	0.006914205	0.9357811144	0.178466473	3.836992e−02	−0.0004653680	9.956573e−01	XKR9
G00000221963	2.648241e+03	0.233681028	5.060706e−02	0.097537968	0.4148560098	0.198072171	9.775490e−02	0.3951254471	9.648837e−04	APOL6
G00000221968	2.101345e+02	0.220479122	5.868224e−02	0.327218689	0.0050587297	0.263131475	2.425477e−02	0.2140585184	6.716285e−02	FADS3
G00000221983	2.598111e+04	−0.217862226	1.194124e−04	−0.037880678	0.5078585270	−0.079219660	1.661314e−01	−0.2340166180	5.362574e−05	UBA52
G00000221995	1.704962e+02	0.134443681	2.424688e−01	0.179326990	0.1194357821	0.272890816	1.776595e−02	0.2622091756	2.300943e−02	TIAF1
G00000222009	2.431990e+02	0.408849182	1.168361e−03	0.157949223	0.2095700826	0.004924625	9.688056e−01	0.1021433084	4.166566e−01	BTBD19
G00000222020	1.069831e+01	−0.027700508	8.304921e−01	0.006781677	0.9580776803	−0.128022453	3.201895e−01	−0.3291112683	1.003770e−02	AC062017.1
G00000222043	4.761066e+01	0.183403202	1.121590e−01	−0.206650325	0.0761304526	−0.178079338	1.265164e−01	−0.2397164000	4.049188e−02	AC079305.1
G00000222047	3.625783e+01	0.449820595	6.462387e−04	0.405774342	0.0020213353	0.199312143	1.294238e−01	−0.0884681826	4.990906e−01	C10orf55
G00000222051	2.010545e+00	0.017889060	8.375976e−01	0.107067548	0.2211461810	0.258955772	3.240349e−03	0.1627770399	6.263499e−02	RNU6−1165P
G00000222112	2.779115e+00	−0.225229384	1.217117e−02	−0.087924149	0.3289485048	−0.227164107	1.112332e−02	−0.0069497469	9.385276e−01	RN7SKP16
G00000222179	1.024743e+01	0.059200428	6.259560e−01	0.181465407	0.1343335772	0.041826760	7.293405e−01	0.3132135219	9.546640e−03	RN7SKP26
G00000222365	6.922306e+00	0.112634298	3.090428e−01	0.241769082	0.0289628120	0.118316998	2.836650e−01	0.0937848581	3.929777e−01	SNORD12B
G00000222375	4.655704e+00	0.063674051	4.907682e−01	0.057688631	0.5313810423	0.211328805	2.218518e−02	0.0551929683	5.480724e−01	RN7SKP127
G00000222724	1.670383e+00	0.112765966	9.017188e−02	0.033300762	0.6153662657	0.141838706	3.274910e−02	0.0552596926	4.043353e−01	RNU2−63P
G00000223013	7.705355e−01	0.008876446	8.285541e−01	0.028820843	0.4820664538	0.104055804	1.122615e−02	0.0203641452	6.191046e−01	RNA5SP344
G00000223052	1.060309e+00	−0.166483979	9.243155e−03	−0.212279498	0.0008738731	−0.217016496	6.498676e−04	−0.2261069094	3.783908e−04	NA
G00000223177	1.583684e+01	−0.277073580	2.363066e−02	−0.139303780	0.2540449750	0.013702700	9.107612e−01	−0.0615821289	6.127203e−01	RNA5SP39
G00000223254	1.573710e+01	0.275761893	3.457942e−02	0.135208288	0.2979301838	0.051764809	6.900338e−01	0.1770151810	1.711453e−01	Y_RNA
G00000223274	3.533768e+01	−0.065105381	6.186894e−01	0.147418958	0.2582229857	−0.101277851	4.378138e−01	−0.3205397389	1.381766e−02	RNA5SP498
G00000223280	6.520368e−01	0.041629306	4.321583e−01	0.048076392	0.3640088129	0.080004340	1.307380e−01	0.1085733656	4.103440e−02	RNU6−57P
G00000223350	5.322651e+00	0.070218676	2.466869e−01	0.042347743	0.4841427388	0.119684125	4.807304e−02	0.1316044355	2.963031e−02	IGLV9−49
G00000223374	2.908801e+01	0.173176930	1.880147e−01	0.279718165	0.0329414277	0.190213180	1.470878e−01	0.0697783961	5.935473e−01	AC005104.1
G00000223467	5.284193e+00	−0.134147531	2.470973e−01	−0.288541970	0.0120158506	−0.181402616	1.150466e−01	−0.1177044439	3.067482e−01	CALM1P1
G00000223519	1.317724e+00	−0.109606158	2.817413e−02	−0.135085227	0.0067696170	−0.115002718	2.108348e−02	−0.1398719740	4.988264e−03	KIF28P
G00000223534	1.877292e+03	−0.001854583	9.887785e−01	0.108475080	0.4092482808	0.272671653	3.804845e−02	−0.1807019800	1.675535e−01	HLA−DQB1−AS1
G00000223547	4.162910e+02	−0.062258519	5.286527e−01	−0.179718406	0.0704444058	−0.251836175	1.130966e−02	−0.1011800247	3.109124e−01	ZNF844
G00000223551	7.903404e+02	−0.146484512	1.833508e−01	−0.092536189	0.4018083213	−0.040468404	7.138721e−01	−0.3323451425	2.696060e−03	TMSB4XP4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000223561	9.251602e−01	0.047684722	4.228071e−01	0.024463316	6.802086e−01	0.118587798	0.0463006952	0.1785729600	2.811516e−03	AC005165.1
ENSG00000223612	5.510359e+02	−0.034707079	6.687826e−01	−0.130709379	1.100548e−01	−0.104000749	0.2036370223	−0.1647722575	4.597224e−02	AC241585.1
ENSG00000223638	2.343695e+01	−0.017594157	7.587722e−01	0.156447578	6.285016e−03	0.005880527	0.9181660972	−0.0011962722	9.833037e−01	RFPL4A
ENSG00000223653	2.749464e+00	−0.007233141	9.369153e−01	−0.034534531	7.041670e−01	−0.015119187	0.8678716147	0.1810996621	4.819726e−02	AL078459.1
ENSG00000223692	1.296473e+01	−0.113595691	3.809573e−01	−0.300697291	1.967526e−02	−0.238354917	0.0645305837	−0.2381656606	6.373014e−02	DIP2A−IT1
ENSG00000223723	6.060896e+01	−0.044837425	7.002919e−01	0.076609632	5.103280e−01	0.054705000	0.6386674611	0.2728811952	1.882057e−02	BX842568.2
ENSG00000223745	6.121813e+02	0.127197029	2.511854e−01	0.126640596	2.544362e−01	0.261651457	0.0185161637	−0.1621224870	1.460458e−01	CCDC18−AS1
ENSG00000223768	5.489555e+01	0.087550848	4.839083e−01	0.257917733	3.877343e−02	0.042974541	0.7311992098	0.0864911115	4.884956e−01	LINC00205
ENSG00000223776	1.883862e+00	0.125962280	1.150070e−01	0.089323370	2.617374e−01	−0.009048211	0.9089395661	0.2252697982	4.864988e−03	LGALS8−AS1
ENSG00000223787	6.105589e−01	−0.074950737	1.307973e−01	−0.081343133	1.008179e−01	−0.109488569	0.0266890377	−0.0880835259	7.519338e−02	AL354890.1
ENSG00000223813	5.478254e−01	0.029640830	5.618996e−01	0.003439373	9.462893e−01	0.103677372	0.0429369184	0.0305946179	5.488968e−01	AC007255.1
ENSG00000223865	1.453372e+05	−0.140847659	9.667690e−02	−0.132135540	1.216596e−01	−0.116429111	0.1726123450	−0.3476646890	5.378978e−05	HLA−DPB1
ENSG00000223877	1.709282e+01	−0.281604016	2.502262e−02	0.029152700	8.145269e−01	0.004578195	0.9706683275	−0.1112130548	3.730430e−01	RPS8P10
ENSG00000223884	1.736763e+00	0.005199191	9.476992e−01	0.041575853	5.992574e−01	0.042252804	0.5926558356	0.1776703018	2.584581e−02	AC068481.1
ENSG00000223886	8.066404e+00	0.225378557	3.554441e−02	0.210557243	4.873593e−02	0.111538336	0.2953718901	0.1544677065	1.463749e−01	AC073073.1
ENSG00000223891	4.290793e+01	−0.257635818	3.769249e−02	0.046040057	7.089828e−01	0.058871106	0.6333171416	0.0369461766	7.645149e−01	OSER1−AS1
ENSG00000223929	1.546421e+00	0.045437618	4.994494e−01	0.082238429	2.215244e−01	0.056967025	0.3959592478	0.1772716905	8.567147e−03	MIR4432HG
ENSG00000223969	3.259409e+00	0.277450380	8.457026e−03	0.243488721	2.030131e−02	0.112143476	0.2819429642	0.0826943794	4.259210e−01	AC002456.1
ENSG00000224032	6.379051e+02	−0.101758160	1.025693e−01	−0.072530920	2.488561e−01	−0.211957272	0.0007842071	−0.1007295358	1.137107e−01	EPB41L4A−AS1
ENSG00000224040	4.396567e+01	−0.120010520	3.129247e−01	−0.140135069	2.392989e−01	0.033180471	0.7799503336	−0.2703158037	2.357392e−02	HMGN1P4
ENSG00000224041	2.034592e+00	0.041285685	4.763170e−01	0.010875717	8.509217e−01	0.056466486	0.3292318626	0.2232461424	1.207509e−04	IGKV3D−15
ENSG00000224067	7.127380e−01	−0.022800942	6.649029e−01	−0.037924804	4.703508e−01	−0.044995088	0.3906145086	0.1101870618	3.741465e−02	AL354877.1
ENSG00000224094	9.983934e+02	−0.157961826	3.029868e−02	−0.077294244	2.928467e−01	−0.070167553	0.3397442987	−0.0840830991	2.575576e−01	RPS24P8
ENSG00000224114	2.058390e+02	−0.302426643	1.478550e−02	−0.238909631	5.325471e−02	−0.072586713	0.5570707472	−0.4072275608	9.288839e−04	AL591846.1
ENSG00000224138	3.160885e+01	0.184686485	1.470871e−01	0.164896327	1.950591e−01	0.233754636	0.0661375632	0.3396689662	7.389992e−03	AC000123.1
ENSG00000224155	2.838536e+01	0.477491662	2.237896e−04	0.204556700	1.140520e−01	0.411671652	0.0014491923	0.2936008844	2.286726e−02	AC073136.2
ENSG00000224165	1.075656e+01	−0.070642691	5.823367e−01	−0.092301961	4.709629e−01	−0.190982910	0.1351859427	−0.3756710628	3.051256e−03	DNAJC27−AS1
ENSG00000224207	8.898852e+00	−0.002831304	9.808215e−01	−0.013201908	9.104285e−01	0.231420604	0.0493405523	0.0221853692	8.494318e−01	AC018797.1
ENSG00000224216	4.612433e+00	0.154586269	1.214335e−01	−0.015215484	8.779878e−01	0.215745334	0.0302983190	0.0824631228	4.048689e−01	AC234781.1
ENSG00000224220	1.570120e+00	0.006559874	9.328957e−01	0.069171266	3.752262e−01	0.108219296	0.1653472096	0.1667357512	3.306442e−02	AC104699.1
ENSG00000224259	4.627330e+00	0.215727394	1.201719e−02	0.033449421	6.954164e−01	−0.004088511	0.9617722942	0.0971016071	2.548042e−01	LINC01133
ENSG00000224281	2.402068e+02	−0.213948514	3.208785e−03	−0.179227370	1.430570e−02	−0.111825320	0.1260859981	−0.2522789208	6.533220e−04	SLC25A5−AS1
ENSG00000224323	9.911537e−01	−0.096284022	5.415660e−02	−0.117703768	1.843596e−02	−0.059301876	0.2353591167	−0.1372220243	5.922602e−03	DPRXP1
ENSG00000224324	1.035353e+00	−0.089781058	1.786907e−01	−0.211013241	1.449870e−03	−0.134102337	0.0434128789	−0.1530903806	2.110708e−02	THAP5P1
ENSG00000224373	4.019659e+01	0.110951552	1.923813e−01	0.108204245	2.026335e−01	0.057949046	0.4949312249	0.3175426884	1.789366e−04	IGHV4−59
ENSG00000224415	1.054532e+02	−0.144645032	1.399883e−01	−0.219763650	2.579380e−02	−0.236704330	0.0165145066	−0.0182178500	8.536776e−01	AC007683.1
ENSG00000224418	5.386610e+00	−0.223139427	4.786368e−02	−0.081073606	4.726058e−01	−0.350489942	0.0017423115	−0.1796384978	1.088039e−01	STK24−AS1
ENSG00000224464	1.419438e+00	−0.101259672	9.321632e−02	−0.153374762	1.079402e−02	−0.068958948	0.2524133778	−0.1032455671	8.627378e−02	PGAM1P6
ENSG00000224523	6.428486e−01	0.122667669	2.713958e−02	0.035275219	5.227995e−01	−0.006116200	0.9113505289	0.0187702854	7.333772e−01	AL445213.1
ENSG00000224543	2.266838e+01	0.430114463	7.418968e−04	0.342654607	7.189493e−03	0.212792843	0.0959250090	0.1268134882	3.207193e−01	SNRPGP15
ENSG00000224550	7.195940e+02	−0.255495533	6.841625e−06	−0.112035867	5.022993e−02	−0.120458179	0.0354589767	−0.1364786603	1.848243e−02	AC114491.1
ENSG00000224597	3.252450e+02	−0.256657549	2.904555e−03	−0.164928404	5.701713e−02	−0.042396227	0.6242795298	−0.3015718317	5.679778e−04	SVIL−AS1
ENSG00000224614	1.086586e+02	0.255886353	4.116671e−02	0.158475489	2.058674e−01	0.083732887	0.5041087759	0.1477039508	2.380623e−01	TNK2−AS1
ENSG00000224629	3.084668e+00	0.167882392	4.463738e−02	0.028231512	7.342340e−01	0.124645918	0.1345066445	0.0086506388	9.168228e−01	AC004975.1
ENSG00000224631	9.689710e+03	−0.190731316	6.140013e−04	−0.019631022	7.270869e−01	−0.020593226	0.7143007649	−0.2362265493	3.390434e−05	RPS27AP16
ENSG00000224687	5.251330e+00	0.235196910	2.575164e−02	0.109497132	2.962495e−01	0.056112218	0.5916153614	0.0601102837	5.645127e−01	RASAL2−AS1
ENSG00000224689	4.490879e+00	0.060746468	4.902878e−01	0.171559482	5.131166e−02	0.079737788	0.3637003478	0.1819370706	3.843554e−02	ZNF812P
ENSG00000224729	2.172170e+00	−0.231601325	8.398083e−03	−0.163090816	6.383755e−02	−0.170053105	0.0528366191	−0.3163412857	2.817171e−04	PCOLCE−AS1
ENSG00000224746	6.782188e+00	0.013127252	9.112982e−01	0.061297581	6.018619e−01	0.057176331	0.6261760240	0.2507444886	3.282538e−02	AC015987.1
ENSG00000224796	9.844889e+02	−0.147150065	2.586642e−01	−0.071565478	5.813755e−01	−0.103576215	0.4248653670	−0.4291316348	8.942898e−04	AL645931.1
ENSG00000224805	6.279613e−01	−0.053015835	6.809354e−02	−0.065096597	2.502523e−02	−0.067461964	0.0201181681	−0.0626248182	3.106563e−02	LINC00853
ENSG00000224834	8.289665e+00	−0.341315087	5.983495e−03	−0.040478397	7.450586e−01	−0.110899273	0.3721645518	−0.2289599638	6.335883e−02	BTF3P9
ENSG00000224861	3.273178e+03	−0.054487521	2.306213e−01	−0.099620847	3.025551e−02	−0.165468694	0.0003232897	−0.0550014858	2.380059e−01	YBX1P1
ENSG00000224870	3.467928e+02	0.090424176	3.243735e−01	0.050454107	5.847658e−01	0.048787123	0.5973992367	0.1863331213	4.473320e−02	AL391244.1
ENSG00000224891	1.192401e+01	0.104840079	4.182877e−01	0.087067507	4.999086e−01	0.003804465	0.9764547500	0.4130644801	1.332864e−03	AC007899.1
ENSG00000224897	3.650857e+00	0.019724259	8.477653e−01	0.045797678	6.556346e−01	0.240892337	0.0196062459	0.0430170664	6.732506e−01	POT1−AS1
ENSG00000224950	4.470397e+01	0.025222768	8.475329e−01	0.091925586	4.822953e−01	0.070833498	0.5882853363	0.3178339105	1.475760e−02	AL390066.1
ENSG00000224953	1.960046e+00	−0.099499799	1.442109e−01	−0.045034466	5.090058e−01	−0.065230293	0.3379633066	−0.1449661706	3.252611e−02	SRIP3
ENSG00000225043	9.247190e−01	−0.126898263	3.289647e−02	−0.171303006	3.887238e−03	−0.098700438	0.0967379725	−0.1701584986	4.061425e−03	RPL18AP2
ENSG00000225093	3.597069e+02	−0.203784193	1.779474e−02	−0.111153827	1.984512e−01	−0.210350771	0.0151362527	−0.0190768589	8.265748e−01	RPL3P7
ENSG00000225137	4.676344e+02	−0.029426820	6.968295e−01	0.114489988	1.316899e−01	0.075753220	0.3191106635	0.1613612430	3.540451e−02	DYNC1I2P1
ENSG00000225159	3.918987e+02	−0.142076776	1.945344e−02	−0.036553138	5.502765e−01	−0.005819491	0.9242554663	−0.0433378754	4.840293e−01	NPM1P39
ENSG00000225177	9.751643e+01	−0.061953030	5.792546e−01	0.072262971	5.179504e−01	−0.172419817	0.1244842776	−0.3550426751	1.639086e−03	AL590617.2
ENSG00000225190	2.343267e+03	0.144006380	1.340915e−02	0.007749761	8.952703e−01	−0.018478100	0.7537164434	0.1419963712	1.713123e−02	PLEKHM1
ENSG00000225200	1.372946e+03	−0.205052939	9.503072e−04	−0.082472445	1.876188e−01	−0.112429141	0.0726227671	−0.2456391868	1.072956e−04	AC246787.1
ENSG00000225264	1.652829e+01	0.033013553	8.022022e−01	−0.108610062	4.082232e−01	−0.203588957	0.1209667926	−0.2581767919	4.825346e−02	ZNRF2P2
ENSG00000225300	5.546496e−01	−0.090757619	4.213462e−02	−0.075967766	8.924213e−02	−0.047673484	0.2861518624	−0.0902677050	4.301289e−02	AL591623.1
ENSG00000225370	4.558784e+01	0.070627617	5.868826e−01	0.171440736	1.860980e−01	−0.050466251	0.6974564965	0.2906041822	2.456811e−02	AC243962.1
ENSG00000225405	4.106695e+00	−0.162497564	1.714086e−01	−0.249161703	3.460036e−02	−0.054318153	0.6469298412	−0.1586752463	1.786905e−01	RPS15AP17
ENSG00000225411	1.698463e+01	−0.182352967	1.352258e−01	−0.238552491	4.968006e−02	−0.154515272	0.2038053692	−0.2159043275	7.442214e−02	CR786580.1
ENSG00000225422	4.103774e+02	0.009202253	9.114821e−01	0.048241049	5.625118e−01	0.034788035	0.6764369423	0.1765508321	3.543023e−02	RBMS1P1
ENSG00000225450	1.145640e+01	0.273341409	3.206563e−02	−0.063875336	6.137460e−01	0.037781761	0.7654604149	0.0878099889	4.864464e−01	AL021707.1
ENSG00000225471	1.061350e+02	−0.304382363	4.618851e−03	−0.180766259	9.281786e−02	−0.030103825	0.7791342417	−0.0324187760	7.632663e−01	BX119917.1
ENSG00000225489	3.580629e+00	−0.082596718	3.101171e−01	−0.039889221	6.237325e−01	−0.137854434	0.0890028187	−0.1652114373	4.107936e−02	AL354707.1
ENSG00000225490	1.288301e+00	0.129997783	3.062612e−02	−0.028240825	6.362198e−01	0.027110548	0.6499736926	−0.0007517597	9.899679e−01	NA
ENSG00000225492	2.714714e+01	0.252087650	2.212583e−02	0.108343691	3.235519e−01	0.163807725	0.1355872718	0.3845379663	4.386382e−04	GBP1P1
ENSG00000225507	8.452822e+01	0.179702359	1.211652e−01	−0.017112988	8.831624e−01	0.130708521	0.2609392154	0.2557954177	2.767844e−02	AC069282.1
ENSG00000225535	4.266847e+00	0.029478443	7.481933e−01	0.033312797	7.162173e−01	0.050398306	0.5821415500	0.1973310525	3.133633e−02	LINC01393
ENSG00000225573	4.278030e+02	−0.225564721	7.515150e−03	−0.163891266	5.352821e−02	−0.185099011	0.0293391233	−0.1772106535	3.851137e−02	RPL35P5
ENSG00000225580	1.578764e+02	−0.108438619	2.089838e−01	−0.001680668	9.845123e−01	−0.033056610	0.7031633210	−0.2228488692	1.123047e−02	AL358942.1
ENSG00000225614	4.445501e+03	0.047043165	7.087295e−01	−0.109202496	3.854536e−01	−0.277456899	0.0274506320	−0.1893073754	1.320296e−01	ZNF469
ENSG00000225630	2.096005e+03	−0.300211238	1.428204e−02	−0.187343459	1.248387e−01	−0.156525439	0.1997350605	−0.0285975562	8.138957e−01	MTND2P28
ENSG00000225648	4.124001e+02	−0.043477175	5.579788e−01	−0.168377304	2.474799e−02	−0.096168433	0.1994355268	−0.2642976509	4.957173e−04	SBDSP1
ENSG00000225661	2.583715e+00	−0.200885192	8.719066e−03	−0.206218192	6.949643e−03	−0.158005737	0.0386734081	−0.1221536901	1.105768e−01	RPL14P5
ENSG00000225663	1.806741e+03	−0.054583649	3.496173e−01	−0.114584002	5.201651e−02	−0.133342525	0.0238189855	−0.1027039403	8.540305e−02	MCRIP1
ENSG00000225674	9.493715e+01	−0.008812766	9.332156e−01	0.050270589	6.331008e−01	0.214230684	0.0413707175	0.2854238197	6.764030e−03	IPO7P2
ENSG00000225684	1.460216e+00	0.055492274	3.399954e−01	0.062190303	2.846914e−01	0.114308922	0.0493319055	0.0856174503	1.403738e−01	FAM225B
ENSG00000225690	2.817833e+00	−0.164200920	6.147110e−02	−0.176890118	4.334755e−02	−0.264364601	0.0024235225	−0.1517917179	8.267248e−02	TREML5P
ENSG00000225697	8.411385e+02	0.144339613	2.833903e−02	0.133741999	4.417417e−02	0.095595619	0.1506936925	0.1201297830	7.389480e−02	SLC26A6
ENSG00000225769	1.313607e+00	−0.140656085	3.201762e−02	−0.089294656	1.739791e−01	−0.133741692	0.0410269345	−0.0719514551	2.727226e−01	CROCCP1
ENSG00000225783	6.270910e+01	−0.056475542	6.028041e−01	−0.232531447	3.152548e−02	0.080621245	0.4562035180	−0.1177774332	2.742168e−01	MIAT
ENSG00000225791	1.541934e+02	−0.244339579	1.384253e−02	−0.123946081	2.127994e−01	−0.040239975	0.6856214910	−0.0758432002	4.480308e−01	TRAM2−AS1
ENSG00000225794	9.256459e−01	−0.038491605	5.634513e−01	−0.069649208	2.941956e−01	−0.132977096	0.0439083926	−0.0625866096	3.461189e−01	AC073321.1
ENSG00000225886	2.277111e+01	0.074334919	4.948267e−01	0.036774143	7.347007e−01	−0.001460989	0.9892528916	0.3339613121	2.032415e−03	AL445490.1
ENSG00000225892	2.917612e+02	0.198688651	3.244769e−02	0.106458418	2.548448e−01	−0.075552509	0.4203185895	0.1386671022	1.407185e−01	NA
ENSG00000225912	4.507040e+02	−0.118151437	1.470968e−01	−0.082838146	3.128602e−01	−0.145684890	0.0762886278	−0.2152974439	9.390918e−03	AL121871.1
ENSG00000225931	1.216570e+01	0.282980655	2.520429e−02	0.143767120	2.529630e−01	0.096285384	0.4434622350	−0.0935489947	4.535603e−01	AL139246.2
ENSG00000225936	2.586452e+00	−0.311026899	4.851352e−06	−0.310951730	4.746024e−06	−0.258610718	0.0001422000	−0.2652945988	9.395192e−05	AL731557.1
ENSG00000225964	8.508628e+01	0.263566239	2.675542e−02	0.051792812	6.620811e−01	0.044086775	0.7098571026	0.1984714714	9.252515e−02	NRIR
ENSG00000225972	7.653515e+01	0.766628178	6.162548e−13	−0.040713428	7.005594e−01	0.020886995	0.8436131642	−0.0332777214	7.526430e−01	MTND1P23
ENSG00000225986	1.600148e+00	0.078622499	2.472358e−01	0.174430471	1.039399e−02	0.090634140	0.1811167010	0.0946708747	1.627903e−01	UBXN10−AS1
ENSG00000225992	1.547566e+00	0.149175835	8.135393e−02	0.079385056	3.499251e−01	0.137497751	0.1058410030	0.2186151856	1.075289e−02	TRGVA
ENSG00000226015	2.380842e+02	0.063284644	4.840662e−01	0.217145263	1.669052e−02	0.125556929	0.1672559013	0.1445257450	1.143775e−01	CCT8P1
ENSG00000226032	2.624987e+00	0.241124176	7.020314e−03	0.054717863	5.372190e−01	0.053533842	0.5454388943	0.2005959670	2.391323e−02	AL035530.1
ENSG00000226084	2.510765e+03	−0.180635186	2.114404e−04	−0.053983689	2.729596e−01	−0.115528264	0.0190742540	−0.1859571929	1.976740e−04	AC113935.1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000226102	6.670494e+00	0.050184037	0.6768416910	0.3410481437	4.726860e−03	−0.0304707356	0.799022760	0.087721120	4.628110e−01	SEPT7P3
ENSG00000226121	2.127754e+02	0.281375306	0.0114046319	0.1267174453	2.560424e−01	0.0336685816	0.763036502	0.068365833	5.415079e−01	AC009487.2
ENSG00000226124	1.811315e+02	−0.252325703	0.0352976842	−0.1379784922	2.496993e−01	−0.1711732933	0.153430070	−0.265427262	2.700666e−02	FTCDNL1
ENSG00000226128	6.162047e−01	0.120313967	0.0152914207	0.0494942775	3.166041e−01	0.0090063835	0.854832032	0.023052672	6.400501e−01	RPL26P9
ENSG00000226138	4.737629e+00	−0.214952512	0.0522438605	−0.3106523989	4.778263e−03	−0.3626627430	0.000955241	−0.186885351	8.937000e−02	AC004801.1
ENSG00000226155	5.308992e+00	0.132481279	0.2116377567	0.0403576816	7.019912e−01	0.2171953583	0.040160256	0.307487768	3.645577e−03	AC124944.1
ENSG00000226179	6.392635e+00	0.245635715	0.0362702373	0.1940871842	9.619415e−02	0.1657664473	0.154688797	0.418425617	3.415685e−04	LINC00685
ENSG00000226220	5.579415e+00	0.204163449	0.0486353559	−0.0370249759	7.184595e−01	0.0325201684	0.751672936	−0.006098810	9.525026e−01	CICP22
ENSG00000226221	5.796587e+03	−0.198113041	0.0007424155	−0.0915500564	1.226642e−01	−0.1071099870	0.070946578	−0.203155119	7.178085e−04	AC022431.1
ENSG00000226232	1.610598e+01	0.217556596	0.0886940308	0.2262870733	7.543016e−02	0.1840110026	0.147997616	0.330671331	9.124414e−03	NPIPB14P
ENSG00000226245	1.523936e+00	0.162592427	0.0222299395	0.0177664799	8.012684e−01	0.0377640953	0.592337106	0.036076817	6.092102e−01	ZNF32−AS1
ENSG00000226268	2.981669e+02	0.033015563	0.7301249546	0.0146134472	8.792835e−01	−0.1642827913	0.088480388	−0.267249582	5.916656e−03	AC135977.1
ENSG00000226287	1.792455e+02	−0.205370318	0.0382746158	−0.2089593176	3.582685e−02	−0.2384981590	0.016710494	−0.201375638	4.428967e−02	TMEM191A
ENSG00000226314	1.584060e+01	0.235794446	0.0524212879	0.1589948457	1.888680e−01	0.2043214053	0.091329921	0.264996416	2.796025e−02	ZNF192P1
ENSG00000226360	2.509696e+03	−0.171989450	0.0023426083	−0.0675242147	2.367469e−01	−0.0883442585	0.121765322	−0.181864702	1.661097e−03	AC096919.1
ENSG00000226380	7.523797e+01	0.161399748	0.2158613470	0.1004995628	4.399333e−01	−0.1752866745	0.178269769	−0.396803539	2.256549e−03	AC016831.1
ENSG00000226393	1.405530e+00	−0.051825271	0.4467853823	−0.1130329243	9.590590e−02	−0.1308751127	0.053309696	−0.148021626	2.868663e−02	IFNA20P
ENSG00000226400	6.794934e−01	0.002925202	0.9558833005	0.1126391613	3.399698e−02	0.0369660014	0.483996836	0.052697229	3.197212e−01	AC010385.1
ENSG00000226415	2.141139e+03	−0.090083789	0.0209969445	0.0320111418	4.167105e−01	−0.0242482144	0.539070937	0.027232090	4.957525e−01	TPI1P1
ENSG00000226423	1.421468e+00	0.222015657	0.0028958216	0.0323427229	6.612897e−01	0.0213844649	0.771504231	0.073154095	3.209538e−01	AC093642.1
ENSG00000226471	1.482719e+01	−0.212751187	0.1011617678	−0.2092250482	1.056927e−01	−0.0702807774	0.587077990	−0.253909889	4.843026e−02	Z93930.2
ENSG00000226478	1.162054e+02	−0.113860033	0.2167236758	−0.0852393133	3.573089e−01	−0.2043517570	0.028103432	−0.198701749	3.369926e−02	UPF3AP1
ENSG00000226525	9.249534e+02	−0.255272503	0.0001383229	−0.1560189735	2.084789e−02	−0.2150875710	0.001461730	−0.191717646	5.006503e−03	RPS7P10
ENSG00000226608	3.620876e+03	−0.163468779	0.0444819471	−0.0946456048	2.480402e−01	−0.1391773194	0.089433540	−0.068873526	4.047763e−01	FTLP3
ENSG00000226644	3.715209e+00	−0.100048882	0.2870739185	−0.0808754509	3.889817e−01	−0.1631536566	0.081176409	−0.203687736	2.869519e−02	AL121899.1
ENSG00000226647	1.276561e+01	−0.269920547	0.0351042229	−0.3565474884	5.175968e−03	−0.2007777604	0.115825596	−0.338960095	7.564848e−03	AL365356.1
ENSG00000226666	4.959007e+01	−0.095396757	0.4305755633	−0.0306147378	8.000696e−01	−0.1323526934	0.274673193	0.240374586	4.617222e−02	HSPA9P1
ENSG00000226752	5.640626e+02	0.156918253	0.2185764152	0.1475238106	2.468000e−01	0.2706116632	0.033621338	0.093883136	4.603809e−01	PSMD5−AS1
ENSG00000226763	2.901802e+01	−0.113867873	0.3548172008	−0.0742761090	5.457253e−01	−0.3003265337	0.015146650	−0.151549615	2.180293e−01	SRRM5
ENSG00000226777	6.892665e+01	0.214821756	0.0518228234	0.2132897114	5.270485e−02	0.1752614714	0.111345801	0.343001078	1.762033e−03	FAM30A
ENSG00000226822	1.513058e+01	0.187143821	0.1333437371	−0.2814279117	2.287566e−02	0.0382955743	0.757540038	0.295406510	1.689836e−02	AL390036.1
ENSG00000226862	1.291918e+00	0.148571852	0.0330793398	0.0329784137	6.337287e−01	0.1120939089	0.105980782	0.137780325	4.753240e−02	AC104463.2
ENSG00000226864	4.848893e+00	−0.016014840	0.8737878607	0.0526007480	6.016014e−01	−0.0700047508	0.485451883	−0.237399352	1.711859e−02	ATE1−AS1
ENSG00000226887	4.770007e−01	−0.084126927	0.0665457593	−0.0995126599	2.981827e−02	−0.0835087184	0.068239523	−0.091825719	4.478922e−02	ERVMER34−1
ENSG00000226948	1.908452e+02	−0.239306777	0.0624252892	−0.1049940722	4.119145e−01	0.0155781217	0.903107170	−0.285684228	2.485188e−02	RPS4XP2
ENSG00000226950	6.015481e+02	−0.197913688	0.0405595237	−0.1194990856	2.183933e−01	−0.2394751500	0.013719436	−0.336205714	5.842460e−04	DANCR
ENSG00000226957	9.812928e−01	0.145251054	0.0307827392	0.0319536606	6.320573e−01	0.0582922865	0.382016693	0.160291542	1.696889e−02	AL358075.1
ENSG00000226976	1.025711e+03	−0.065172523	0.1827705606	−0.0212055041	6.677500e−01	−0.1301941393	0.008611519	−0.008640429	8.630001e−01	COX6A1P2
ENSG00000226989	1.341932e+00	0.046696597	0.5187504759	0.0860024595	2.349737e−01	0.1668296424	0.021486549	0.025891347	7.193835e−01	AL049758.1
ENSG00000227008	3.295793e+03	−0.178928805	0.0096873743	−0.0526898925	4.500765e−01	−0.0738468537	0.289877421	−0.107159455	1.287286e−01	AL009174.1
ENSG00000227017	3.756291e+00	0.056092161	0.5696175346	0.0942684786	3.383777e−01	0.1558802056	0.113649764	0.223225163	2.354892e−02	AC007036.1
ENSG00000227018	3.154297e+00	0.203111502	0.0400448568	0.1252023331	2.036363e−01	0.0506822638	0.605334776	0.060592848	5.351726e−01	IL6STP1
ENSG00000227032	1.304700e+01	0.148944894	0.2308420222	0.0942537727	4.465042e−01	−0.0197706074	0.872913699	0.275813682	2.534992e−02	RPS2P36
ENSG00000227081	9.126771e+03	−0.152449581	0.0132986556	0.0002260211	9.970994e−01	−0.0009634419	0.987636916	−0.245241667	9.755027e−05	AC005912.1
ENSG00000227097	1.103972e+04	−0.186469749	0.0023014672	−0.1334070381	3.079821e−02	−0.1472778751	0.017122130	−0.250412973	6.200747e−05	RPS28P7
ENSG00000227110	4.165107e+00	−0.211942057	0.0270582482	−0.1132278479	2.374958e−01	−0.1032344384	0.281098511	−0.095857977	3.163710e−01	LMCD1−AS1
ENSG00000227135	2.427956e+00	−0.152606062	0.0468808683	−0.0584050742	4.474960e−01	−0.0713807550	0.352479882	−0.143001346	6.166859e−02	NA
ENSG00000227165	4.669309e+00	−0.312824868	0.0004360566	−0.3514832178	7.405959e−05	−0.2571587203	0.003780907	−0.343215054	1.038219e−04	WDR11−AS1
ENSG00000227170	1.381614e+00	−0.160939577	0.0199837417	−0.1122858357	1.048363e−01	−0.0580954118	0.401698009	−0.119840906	8.291318e−02	AF178030.1
ENSG00000227173	3.708244e+00	−0.187505991	0.0701713888	−0.2212480635	3.197688e−02	−0.1546665552	0.134167845	−0.094659987	3.589568e−01	MYL6P3
ENSG00000227197	3.322122e+00	−0.108593471	0.2897011600	−0.0531315653	6.043033e−01	0.0234353552	0.819434497	−0.205704849	4.274056e−02	AC009365.2
ENSG00000227199	6.122628e+01	−0.061221684	0.6230090360	−0.1593397871	2.008985e−01	−0.2548202331	0.041063424	−0.204439282	1.005785e−01	ST7−AS1
ENSG00000227232	1.108152e+02	0.097895477	0.4106783549	−0.1691097045	1.563314e−01	−0.2469403460	0.038656575	−0.127274134	2.865149e−01	WASH7P
ENSG00000227278	8.928216e−01	−0.043042874	0.5299301187	−0.1038587108	1.280102e−01	−0.1407437612	0.038191230	−0.103012570	1.299955e−01	AL603839.1
ENSG00000227311	1.244477e+00	0.079336880	0.3074769191	0.0588461522	4.481798e−01	0.0905831708	0.242796761	0.164284990	3.465721e−02	AL031985.2
ENSG00000227329	1.026161e+01	−0.168608148	0.1946629915	−0.2122730768	1.011631e−01	−0.2577185864	0.046370339	−0.159693444	2.154821e−01	AL139396.1
ENSG00000227337	3.456248e+00	−0.061617739	0.5599484635	−0.1256716526	2.317341e−01	−0.2337672242	0.025272664	−0.160566953	1.251724e−01	RPL23AP43
ENSG00000227339	5.536055e+00	0.134778999	0.2327248688	0.2944869784	9.131718e−03	−0.0652172932	0.559551108	0.248103803	2.731477e−02	THRAP3P1
ENSG00000227345	4.848598e+02	0.071684852	0.3601317909	0.0370706722	6.387381e−01	0.1304366300	0.098331187	0.160944300	4.320617e−02	PARG
ENSG00000227370	1.556888e+01	−0.012189909	0.9236181262	−0.2730100057	3.077325e−02	−0.0032191300	0.979721839	−0.148842432	2.370734e−01	AC254562.1
ENSG00000227372	7.816986e+02	−0.031138718	0.6462063585	−0.0620638202	3.648261e−01	−0.0732869943	0.284882214	−0.170661359	1.381385e−02	TP73−AS1
ENSG00000227382	1.053103e+00	−0.003977819	0.9550554402	0.0903939017	2.019598e−01	−0.0123594202	0.860333310	0.156648964	2.756502e−02	EIF4A2P2
ENSG00000227484	2.537158e+00	0.088163543	0.3512755370	0.0350680474	7.097906e−01	0.2522866382	0.007871688	0.088300480	3.473372e−01	CR559946.1
ENSG00000227492	1.059756e+01	0.199291401	0.1297634291	0.0823659806	5.295538e−01	−0.2838303823	0.029786940	0.177896259	1.728207e−01	AL138921.1
ENSG00000227495	2.515287e+01	−0.201541281	0.1259123799	−0.1959134173	1.356893e−01	−0.1530883663	0.243655963	−0.373999041	4.260769e−03	AC004771.1
ENSG00000227500	2.818471e+03	−0.054984181	0.3330031531	−0.0972018898	9.038843e−02	−0.1540469433	0.007313353	−0.163196059	4.996063e−03	SCAMP4
ENSG00000227525	1.680676e+01	−0.362976288	0.0056895563	−0.1820789722	1.638443e−01	−0.0975513413	0.455592933	−0.372885213	4.262310e−03	RPL7P6
ENSG00000227536	4.717918e+00	0.039301509	0.6985779749	0.0958789857	3.446980e−01	0.3024875146	0.002988473	−0.014071728	8.887341e−01	SOCS5P4
ENSG00000227560	7.523021e−01	−0.022667382	0.6230247281	−0.0005002458	9.913435e−01	−0.0163325245	0.722623098	0.107956218	1.972521e−02	RPS15AP30
ENSG00000227591	3.634722e+00	0.075818145	0.4221699893	0.0312261483	7.400980e−01	0.2060014269	0.029268051	0.060466428	5.194076e−01	AL031316.1
ENSG00000227603	2.046335e+01	0.154509273	0.2386320761	0.3339267338	1.063115e−02	0.1191804666	0.361499766	0.135401368	2.978177e−01	AL583839.1
ENSG00000227615	9.211882e+03	−0.217560169	0.0010207550	−0.0571376568	3.926110e−01	−0.0630961684	0.345171430	−0.113735500	9.248466e−02	AP001324.1
ENSG00000227671	1.675433e+03	0.142913176	0.0640521211	0.1267406203	1.032490e−01	0.1946216310	0.012342081	0.128429822	1.020236e−01	AL390728.4
ENSG00000227689	1.643597e+00	0.143469885	0.0410060655	0.0598830347	3.916204e−01	0.1174872725	0.093029559	0.058775883	3.996393e−01	SRP68P2
ENSG00000227741	4.685550e+01	0.269457224	0.0194244518	0.0047824154	9.671621e−01	0.1172346475	0.312035195	−0.122289443	2.947162e−01	AL121987.2
ENSG00000227799	3.714405e+01	−0.064523022	0.6210879705	0.3077284064	1.794840e−02	0.0805573829	0.536065647	0.457708574	4.109827e−04	AC012358.2
ENSG00000227855	4.982917e+01	−0.203231446	0.0912994174	−0.3872958330	1.337763e−03	−0.0527126894	0.660824599	−0.059759214	6.191385e−01	DPY19L2P3
ENSG00000227908	6.508209e+00	0.134012162	0.2160188669	0.0569487094	5.974618e−01	0.2408324322	0.025971942	0.122472904	2.544539e−01	FLJ31104
ENSG00000227939	7.338113e+02	−0.228393892	0.0007372255	−0.1709984285	1.219147e−02	−0.1644955234	0.015944664	−0.178337593	9.748811e−03	RPL3P2
ENSG00000227973	1.303152e+01	−0.014418185	0.9093954540	0.2618554313	3.860558e−02	0.0561317721	0.656741433	0.112246384	3.720186e−01	PIN4P1
ENSG00000227986	9.973834e+00	0.240729873	0.0316787498	0.0849128956	4.460784e−01	0.2344888498	0.035643776	0.148841159	1.801088e−01	TRIM60P18
ENSG00000227992	6.762662e+00	0.228477452	0.0659524927	0.2492256803	4.434168e−02	0.0095579018	0.938176129	0.094238089	4.426812e−01	AC108463.1
ENSG00000227999	1.744940e+00	0.024815757	0.7289225315	−0.0088080536	9.017948e−01	0.1960563696	0.006334193	0.044838508	5.304865e−01	MTND5P1
ENSG00000228013	5.790251e+00	0.071121235	0.5383197958	−0.1018133004	3.749708e−01	−0.1776675205	0.120483918	−0.275457623	1.536972e−02	AL162591.1
ENSG00000228022	8.067235e−01	0.027270259	0.6422334871	0.0280480663	6.325641e−01	0.1498739768	0.010968659	−0.014990562	7.975896e−01	HCG20
ENSG00000228030	9.231728e−01	0.114707399	0.0431156698	−0.0424283279	4.510237e−01	−0.0217807471	0.698575271	0.060218322	2.862967e−01	AC019084.1
ENSG00000228034	9.399083e+00	−0.110639141	0.3556295544	−0.1498749453	2.090880e−01	−0.1825878302	0.125529162	−0.241632928	4.145231e−02	HMGN2P21
ENSG00000228071	1.473219e+00	−0.015134897	0.8561616780	0.0873951265	2.974798e−01	0.0371679424	0.656023175	0.170412017	4.250830e−02	RPL7P47
ENSG00000228078	1.735766e+01	−0.257644578	0.0157507813	−0.1106464932	2.986951e−01	−0.1767650830	0.096581478	−0.006084996	9.542979e−01	HLA−U
ENSG00000228110	6.898086e+01	−0.206423243	0.0539994646	−0.0130874119	9.025926e−01	−0.0267209515	0.802951114	−0.211581432	4.964377e−02	ST13P19
ENSG00000228113	2.699940e+00	−0.113762810	0.1409804792	−0.0668726266	3.867415e−01	−0.1633604550	0.033813151	−0.186791587	1.503543e−02	AC003991.1
ENSG00000228118	9.219639e+00	−0.269198361	0.0364204990	−0.2783086790	2.999992e−02	0.0247655402	0.847387064	−0.026517278	8.358232e−01	MYL6P5
ENSG00000228126	1.086608e+00	0.165307300	0.0069660103	0.0111063879	8.550510e−01	0.0442347600	0.466754232	0.015051884	8.043367e−01	FALEC
ENSG00000228143	2.346967e+00	0.198540086	0.0241561413	0.0230331881	7.920105e−01	−0.0566866672	0.514268397	0.056989691	5.127939e−01	AL512649.1
ENSG00000228171	2.279211e+00	0.008028819	0.9151160045	0.1221296452	1.056446e−01	0.1865861240	0.013504446	0.118781164	1.148193e−01	AC121251.1
ENSG00000228205	6.724949e+02	−0.201198699	0.0119068754	−0.0199978500	8.037285e−01	−0.1115679533	0.166073741	−0.035067194	6.659544e−01	AC131235.1
ENSG00000228242	1.431868e+02	0.157790469	0.1149766330	0.1025454169	3.083635e−01	0.4129204687	0.000037617	0.290922756	3.912772e−03	AC093495.1
ENSG00000228251	3.394753e+00	−0.135060474	0.1732385869	−0.2220661456	2.432946e−02	−0.0223712411	0.821512913	−0.129150797	1.902921e−01	AC012442.1
ENSG00000228274	6.623659e+00	0.162248242	0.1455979418	0.1340613069	2.271955e−01	0.2866338610	0.009997159	0.200219913	7.067425e−02	AL021707.2
ENSG00000228278	3.345152e+01	0.096246203	0.4651846752	−0.0220296857	8.668594e−01	0.2776614874	0.034552078	0.157957197	2.274774e−01	ORM2
ENSG00000228285	2.192059e+02	−0.117440963	0.1467325173	−0.0270847893	7.390328e−01	−0.0492450879	0.545375362	0.174951848	3.216111e−02	LYPLA2P1
ENSG00000228300	1.211606e+03	−0.053473964	0.4492316735	−0.1790112139	1.209873e−02	−0.1789851531	0.012136485	−0.027749509	7.001021e−01	C19orf24
ENSG00000228315	5.644805e+01	0.217982577	0.0497753014	0.3897134663	4.437461e−04	0.2529606763	0.023217623	0.046099216	6.809506e−01	GUSBP11
ENSG00000228318	3.167315e+01	0.150012337	0.2453582450	−0.0142599695	9.116978e−01	−0.0316784123	0.805362554	0.357151419	5.303790e−03	AP001610.1
ENSG00000228327	2.042369e+01	0.059167387	0.6521608507	0.1002867104	4.432936e−01	−0.1242605415	0.341737711	−0.312949085	1.609222e−02	AL669831.1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000228328	4.047057e+01	0.0460914301	6.968378e−01	0.032590872	0.783027913	0.142148774	0.228901594	0.5032857857	1.824582e−05	AL158201.1
ENSG00000228348	2.259481e+01	−0.0850940490	5.074226e−01	−0.059412167	0.642822609	−0.335653556	0.009071947	−0.1064556003	4.053646e−01	EFCAB14P1
ENSG00000228352	4.123634e+00	0.2104975392	5.373825e−02	0.055086057	0.610892573	−0.002509704	0.981444742	0.2334615492	3.121556e−02	AL354989.1
ENSG00000228366	8.155340e+00	0.2840687223	1.162973e−02	−0.111272587	0.318028929	0.100688102	0.367760789	0.0752160661	4.993364e−01	AL592437.1
ENSG00000228427	1.380325e+02	0.1244817561	2.008136e−01	0.069436065	0.478046009	0.163498574	0.094435166	0.2382773986	1.520285e−02	AL590764.1
ENSG00000228446	3.246711e+00	−0.1846548674	4.661044e−02	0.077121585	0.409251184	−0.172500262	0.062495906	−0.1434708975	1.202208e−01	AC073052.1
ENSG00000228452	3.338863e+01	−0.1680842612	1.820601e−01	−0.364521190	0.003870219	−0.264729398	0.035770058	−0.1481440009	2.382251e−01	AC098484.1
ENSG00000228463	7.624716e+00	0.2568111354	6.515680e−03	−0.080725363	0.388825326	0.096476069	0.304071236	0.0833882403	3.733255e−01	AP006222.1
ENSG00000228474	2.703115e+03	−0.2007836710	4.403215e−05	−0.045671566	0.357479467	−0.052161552	0.293457076	−0.1911064073	1.474655e−04	OST4
ENSG00000228492	6.672169e+01	0.0947517967	4.675107e−01	0.274665829	0.034720673	0.252627113	0.052152729	0.1857995239	1.520525e−01	RAB11FIP1P1
ENSG00000228502	7.102458e+02	−0.1252279234	1.727321e−01	−0.184331198	0.046071568	−0.066337007	0.472654215	−0.0688354381	4.591584e−01	EEF1A1P11
ENSG00000228540	1.504442e+00	−0.0061082706	9.301718e−01	−0.036485870	0.599952144	−0.122047816	0.077866798	−0.1417267736	4.024419e−02	AC073326.1
ENSG00000228594	2.841818e+02	−0.0709679307	5.023557e−01	−0.216016166	0.042100485	−0.055520999	0.601065850	−0.0710172161	5.051890e−01	FNDC10
ENSG00000228624	7.287270e+01	−0.1025627390	3.405175e−01	−0.105274328	0.329649542	−0.093345932	0.387711317	−0.2389235587	2.777789e−02	HDAC2−AS2
ENSG00000228649	1.974636e+01	0.0709490728	5.748388e−01	0.222427710	0.077797129	−0.004271821	0.972930238	0.2763207810	2.775248e−02	SNHG26
ENSG00000228695	2.954416e+01	0.0047848321	9.464267e−01	0.109284767	0.124353038	0.017215982	0.808654918	0.2058386490	3.740086e−03	CES1P1
ENSG00000228794	6.158103e+02	0.3356518213	2.482069e−03	0.159216056	0.152387278	0.046788786	0.674181907	−0.2125301714	5.705426e−02	LINC01128
ENSG00000228838	1.499017e+00	0.1789277554	1.895870e−02	0.174757376	0.021650734	−0.042492152	0.571808070	−0.0056261597	9.404939e−01	AL355483.2
ENSG00000228878	5.427162e+01	−0.2780167087	2.268078e−02	−0.121468302	0.318451403	−0.206091769	0.091041555	−0.2456303596	4.394002e−02	SEPT7−AS1
ENSG00000228906	1.959781e+01	0.0435958211	7.403084e−01	0.293340711	0.025187567	0.113082003	0.388576342	−0.0485193191	7.105680e−01	AL353804.1
ENSG00000228925	1.183554e+01	0.2949961435	1.127211e−02	0.073877656	0.523125002	0.016873524	0.883907223	−0.0474199633	6.801000e−01	AC016722.2
ENSG00000228929	3.097310e+03	−0.1609053385	1.227380e−02	−0.071845934	0.267894818	−0.063484207	0.327643360	−0.1838711527	5.081095e−03	RPS13P2
ENSG00000228956	4.200523e+01	0.1159244729	3.784399e−01	0.126076895	0.336751273	0.262988890	0.045065589	0.1498077335	2.519755e−01	SATB1−AS1
ENSG00000228981	1.671516e+01	0.2769515922	2.614691e−02	0.058624659	0.635631940	0.083818830	0.498070408	0.0428144528	7.283888e−01	AC097658.1
ENSG00000228989	7.301311e+01	−0.2494070761	3.282171e−02	−0.207798274	0.075478225	−0.237203316	0.042660387	−0.2293020247	5.025031e−02	NA
ENSG00000229044	1.652543e+00	−0.1320350917	8.267602e−02	−0.214709267	0.004522557	−0.156627126	0.038508363	−0.0675863550	3.746025e−01	AL451070.1
ENSG00000229046	1.052776e+00	0.0098162708	8.652794e−01	−0.039446337	0.494055995	−0.012068400	0.834189789	0.1282003645	2.716844e−02	HMGN1P2
ENSG00000229097	5.900091e+02	0.0118212925	8.696529e−01	0.109155937	0.132553038	0.166827772	0.021485461	0.0588949984	4.220232e−01	CALM2P2
ENSG00000229117	2.249122e+03	−0.2046859352	2.171493e−04	−0.075569153	0.176260287	−0.080237967	0.151153386	−0.2441147713	1.640602e−05	RPL41
ENSG00000229119	2.091530e+03	−0.1664002069	1.829487e−02	−0.077134957	0.278060087	−0.113236244	0.111416570	−0.1267306741	7.792983e−02	AC026403.1
ENSG00000229124	3.070340e+02	0.1778801345	1.002895e−01	0.206256698	0.057372499	0.226419432	0.036977223	0.2461531613	2.381386e−02	VIM−AS1
ENSG00000229140	5.838818e+01	−0.3989336052	2.479746e−03	−0.194470270	0.138979397	−0.192053747	0.143959986	−0.2823837588	3.101815e−02	CCDC26
ENSG00000229142	4.218973e+00	0.0321367426	7.583992e−01	−0.077969742	0.453446016	−0.222584129	0.031372657	−0.1644917188	1.103236e−01	HCG4P8
ENSG00000229151	6.558145e−01	0.0336773217	4.726514e−01	0.033892220	0.469443376	0.036535330	0.434778848	0.1100607092	1.924128e−02	AC233976.1
ENSG00000229156	1.939218e+00	0.0077348788	9.140978e−01	0.168689801	0.019129959	0.069061368	0.335286620	0.0819073664	2.528516e−01	CR769776.2
ENSG00000229195	3.328821e+00	0.2331754776	3.165194e−02	0.212925005	0.048931320	0.032629002	0.760790610	0.1214856929	2.572344e−01	AC009495.1
ENSG00000229241	5.576982e+00	0.1263596506	2.584122e−01	0.025364094	0.819274492	0.263005954	0.018418282	0.1917351248	8.481320e−02	PNPT1P1
ENSG00000229256	4.520169e+00	−0.2477142232	2.520170e−02	−0.143415797	0.194905318	−0.227172217	0.039311300	−0.2732570455	1.285509e−02	ST13P13
ENSG00000229273	3.960678e+00	0.2415875023	3.031474e−02	0.075230981	0.497127133	0.004807231	0.965258211	−0.0184511733	8.661641e−01	BX664615.1
ENSG00000229314	2.310738e+00	−0.0330809339	6.492776e−01	0.157657273	0.030847203	−0.024486295	0.735777516	0.0708469871	3.299984e−01	ORM1
ENSG00000229325	5.643836e+01	0.1358333279	2.832590e−01	0.147066192	0.244894138	0.345906659	0.006176665	0.1737962890	1.685374e−01	ACAP2−IT1
ENSG00000229331	1.369973e+00	0.1765500413	2.028100e−02	0.074371975	0.324460636	0.108377494	0.150927514	0.1770874027	1.960655e−02	GK−IT1
ENSG00000229344	1.252288e+02	−0.3036352119	1.233790e−02	−0.094423791	0.435915510	0.085457357	0.480379910	−0.2441060343	4.426019e−02	MTCO2P12
ENSG00000229358	3.870079e+01	0.1244267765	3.379917e−01	0.260144119	0.044436318	0.032609781	0.800941504	0.1641193400	2.025182e−01	DPY19L1P1
ENSG00000229376	8.557039e−01	−0.0184416698	7.497922e−01	0.012072688	0.834774506	0.122841194	0.034424544	0.0162921240	7.780775e−01	CICP3
ENSG00000229391	8.412201e+03	−0.0861804936	4.085483e−01	−0.232486403	0.025328898	−0.202323239	0.051630477	−0.1562285336	1.313957e−01	HLA−DRB6
ENSG00000229399	4.411614e+00	−0.2680435105	1.285397e−02	−0.285744829	0.007762661	−0.255150747	0.017414365	−0.1374484335	2.008586e−01	AL592148.1
ENSG00000229424	6.850757e−01	−0.0963933662	4.116205e−02	−0.071767771	0.128754980	−0.052018930	0.270499608	−0.0503290536	2.865771e−01	AC007349.1
ENSG00000229447	2.270360e+01	−0.2636322965	4.516204e−02	−0.119108318	0.363931898	−0.046142009	0.725027330	−0.1229857393	3.467626e−01	AC114495.2
ENSG00000229474	2.156154e+02	0.2517075689	1.592131e−02	0.328139093	0.001721227	0.147000756	0.161106464	0.0048018600	9.637133e−01	PATL2
ENSG00000229484	2.452080e+01	−0.1211545167	3.576175e−01	−0.304297696	0.020392103	−0.109957489	0.402177699	0.0155162401	9.055193e−01	AC243836.1
ENSG00000229509	2.463048e+00	0.0225698649	7.796018e−01	−0.021989600	0.784586268	−0.167419472	0.036263767	−0.0427403241	5.936413e−01	AC244023.1
ENSG00000229512	3.636820e+00	−0.0059953139	9.511699e−01	−0.006393918	0.947836957	−0.227246363	0.019045588	−0.1017308444	2.940190e−01	AC068580.1
ENSG00000229585	1.878859e+00	−0.0009060255	9.894975e−01	−0.005182266	0.939909962	0.144298956	0.036447342	−0.0032763309	9.619121e−01	AC110792.1
ENSG00000229591	1.001669e+01	0.2221258205	5.569479e−02	0.257313207	0.026228791	0.182961119	0.113415494	0.1554715045	1.764517e−01	AC006017.1
ENSG00000229638	1.033746e+04	−0.1940849601	9.018688e−05	−0.080078409	0.109973002	−0.107456579	0.031994377	−0.2052954450	5.293988e−05	RPL4P4
ENSG00000229644	2.062909e+03	0.2414663828	4.389843e−02	0.170926935	0.154003833	−0.026995237	0.821887564	0.0230448929	8.477092e−01	NAMPTP1
ENSG00000229692	1.711753e+01	0.0287951824	8.256068e−01	0.244163142	0.061128830	0.347630139	0.007690369	0.2646139156	4.140805e−02	SOS1−IT1
ENSG00000229752	8.888054e−01	−0.0736263239	3.182253e−01	−0.152630386	0.037333931	−0.059645090	0.417700798	−0.0804971079	2.730963e−01	RPL7P10
ENSG00000229766	3.108103e+00	0.0684422397	5.363775e−01	0.238600445	0.031947027	0.058996107	0.592415204	0.0175228456	8.729162e−01	AL021396.1
ENSG00000229780	7.480182e+00	0.2730680151	2.620294e−02	0.265360557	0.030159046	0.293676267	0.016403320	0.1228641881	3.114017e−01	UBE2Q1−AS1
ENSG00000229781	1.845203e+01	0.2937419663	1.981532e−02	0.114252304	0.362514264	0.155449552	0.215379040	0.0868484905	4.864033e−01	AC013444.1
ENSG00000229785	1.619566e+01	0.0209894147	8.731882e−01	−0.272832563	0.037162105	−0.115171208	0.379246335	−0.2179459788	9.453184e−02	SLC25A38P1
ENSG00000229817	9.483302e−01	0.1423987979	1.952773e−02	−0.005643885	0.925662992	0.105990522	0.080815964	0.0771393305	2.034594e−01	AL133412.1
ENSG00000229848	7.708590e+00	−0.0466287018	7.075938e−01	−0.174859326	0.157168349	−0.254603874	0.038967064	−0.2820590750	2.152311e−02	AC139149.1
ENSG00000229853	1.969488e+01	−0.1241475012	3.243777e−01	−0.257776600	0.039779798	−0.031840005	0.799787724	−0.2357891868	5.883088e−02	AL034418.1
ENSG00000229862	2.265656e+00	−0.0188985666	8.329878e−01	0.197921321	0.028432412	0.133998014	0.136249444	0.0512958424	5.661066e−01	AL121972.2
ENSG00000229867	1.234370e+01	0.0047172188	9.712614e−01	−0.256615693	0.048742204	−0.012237159	0.925238686	0.0475909560	7.141143e−01	STEAP3−AS1
ENSG00000229891	7.240619e+01	−0.2189547197	9.474749e−02	−0.103708723	0.427467573	−0.168235255	0.198078968	−0.3187554208	1.443910e−02	LINC01315
ENSG00000229948	1.451858e+00	0.0702132882	3.006820e−01	0.053436012	0.430312908	0.144761014	0.032994546	0.0979626869	1.477316e−01	B3GALNT1P1
ENSG00000229951	3.940251e+01	−0.0383396170	7.697783e−01	−0.101088617	0.439227666	−0.192444669	0.141030061	−0.4183065671	1.337612e−03	FLJ31356
ENSG00000229994	4.282485e+02	−0.1893013047	4.982646e−02	−0.148249298	0.126278122	−0.147032782	0.129525249	−0.1222689068	2.100046e−01	RPL5P4
ENSG00000230076	7.945147e+01	−0.0294134060	8.039574e−01	−0.312013437	0.008191302	−0.242711724	0.039717121	−0.2299523536	5.026746e−02	RPL10P6
ENSG00000230079	3.288261e+00	0.1418739419	1.534653e−01	0.128484342	0.194742403	0.081882705	0.407143457	0.2253457809	2.289793e−02	STK24P1
ENSG00000230082	2.158238e+00	0.0039355346	9.615690e−01	−0.005011673	0.950954367	−0.159568139	0.048489766	−0.0581154096	4.741156e−01	PRRT3−AS1
ENSG00000230084	2.736487e+01	−0.1971593394	1.247212e−01	−0.175374601	0.171179216	−0.085447350	0.504712076	−0.4308694351	7.801490e−04	AC006059.1
ENSG00000230091	1.332726e+01	0.0146147590	9.008810e−01	0.239154558	0.041299875	−0.061838371	0.596440406	−0.0172437918	8.821661e−01	TMEM254−AS1
ENSG00000230097	4.428236e+00	0.0775041852	5.220325e−01	0.039255932	0.744710721	0.016406929	0.891522053	0.2650557681	2.803333e−02	ME2P1
ENSG00000230124	1.237644e+03	−0.1469597381	3.132002e−03	−0.076527172	0.127596599	−0.124269601	0.013489351	−0.0954106805	6.094814e−02	ACBD6
ENSG00000230149	1.082577e+02	0.1473446221	1.137068e−01	0.110746641	0.237278679	0.027137544	0.773007417	0.2051062592	2.943830e−02	AL021707.3
ENSG00000230175	9.322426e−01	0.1391022352	2.800608e−02	0.013781516	0.826451155	0.073644425	0.241863328	−0.0044801684	9.429999e−01	AL451074.4
ENSG00000230191	3.925240e+00	0.1493130102	1.151495e−01	0.107897515	0.253570537	0.001058309	0.991028287	0.2012709356	3.277503e−02	AC006970.1
ENSG00000230202	7.603346e+03	−0.1738533183	2.844544e−02	−0.102060091	0.201731717	−0.058584941	0.463668026	−0.1862792345	2.098143e−02	AL450405.1
ENSG00000230207	7.016199e+02	−0.2754298559	2.311164e−05	−0.146197246	0.025712137	−0.151296561	0.021067376	−0.1836315646	5.648614e−03	RPL4P5
ENSG00000230212	3.082511e+00	−0.2091012541	4.061969e−02	0.049314612	0.631869901	−0.110412259	0.279628239	−0.0177019519	8.626104e−01	AP000688.1
ENSG00000230216	4.642437e+00	0.1552695407	1.264772e−01	0.169372195	0.094603030	0.242336265	0.016864291	0.1538183351	1.276951e−01	HSPB1P2
ENSG00000230221	1.484943e+00	−0.1346723731	9.349975e−02	0.013875913	0.863617876	−0.157720920	0.048349270	−0.1515260785	5.803753e−02	AL157384.1
ENSG00000230224	6.511892e+01	−0.2713109579	2.678924e−02	−0.179118896	0.143324785	−0.066430159	0.586987038	0.0333071502	7.849910e−01	PHBP9
ENSG00000230280	1.049821e+01	−0.0436976385	7.209595e−01	0.261573766	0.032715737	0.226114810	0.064626598	0.2489891276	4.084586e−02	HNRNPA1P59
ENSG00000230291	7.867197e+01	−0.2291153706	4.117607e−02	−0.009555320	0.932014263	−0.093858912	0.403085727	−0.1285213271	2.532647e−01	AC078817.1
ENSG00000230312	1.395926e+00	−0.1430571198	5.119988e−02	−0.193360728	0.008076646	−0.130952537	0.073157482	−0.0333595131	6.505184e−01	AC234782.1
ENSG00000230319	4.149780e+00	0.2971971926	9.616858e−03	0.184552007	0.105561054	0.085849403	0.449397297	−0.0115967372	9.180022e−01	AL022476.1
ENSG00000230364	3.215295e+01	−0.2360425661	5.116049e−02	−0.206111096	0.088476478	−0.280654454	0.020710218	−0.2039779106	9.164920e−02	RPL4P3
ENSG00000230383	2.497003e+02	−0.2222764817	1.182795e−02	−0.199901215	0.024388698	−0.133573885	0.132386015	−0.3888379776	1.493116e−05	AC009245.1
ENSG00000230397	2.526648e+01	−0.0583015777	6.527925e−01	0.153845191	0.233168558	0.064241019	0.619025831	0.2706694967	3.547397e−02	SPTLC1P1
ENSG00000230424	1.171749e+01	−0.1217897159	3.474022e−01	−0.274763415	0.033103931	−0.258192243	0.045201236	−0.2309147931	7.209944e−02	AL035413.1
ENSG00000230438	6.543411e+01	0.2794599796	3.157210e−02	0.267819822	0.038639022	0.092554812	0.474661487	0.1954740901	1.293669e−01	SERPINB9P1
ENSG00000230491	3.203807e+00	−0.1819756473	4.833029e−02	−0.119091336	0.196141081	0.001884960	0.983719354	−0.0743969338	4.188813e−01	AC234781.4
ENSG00000230551	1.317347e+03	0.1476242027	4.679278e−02	0.112337673	0.133558264	0.058362071	0.435981201	−0.0350654282	6.432230e−01	AC021078.1
ENSG00000230584	4.856934e+00	0.1819553848	1.264111e−01	0.111940238	0.344109345	−0.006054307	0.958988073	0.2380117325	4.419798e−02	CCT5P2
ENSG00000230606	3.386917e+00	0.1343454973	1.249382e−01	−0.004769590	0.956302500	0.217722262	0.012822140	0.0702918564	4.189192e−01	AC092683.1
ENSG00000230621	8.981480e−01	−0.1503108786	1.190601e−02	−0.141389391	0.017991568	−0.126881858	0.033530210	−0.1665402825	5.190182e−03	AC068138.1
ENSG00000230626	1.529307e+02	−0.1489364350	1.399927e−01	0.037509797	0.710419647	−0.203152314	0.045333006	−0.0007410495	9.941819e−01	AC011005.1
ENSG00000230629	5.007857e+03	−0.1470666984	3.791132e−02	0.008412867	0.906268537	0.019489501	0.785035804	−0.2014657738	5.287671e−03	RPS23P8
ENSG00000230699	3.784275e+00	0.1539395710	4.738537e−02	0.085586747	0.268944381	0.067845352	0.380311931	0.0789048412	3.067414e−01	AL645608.3

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000230721	6.526480e+00	−0.335523072	7.583080e−03	−0.129775373	0.302101566	−0.160572087	0.2010173257	−0.290816858	1.974584e−02	AL049597.1
ENSG00000230732	2.309890e+01	−0.166564415	1.962578e−01	−0.128416633	0.317262897	−0.098383505	0.4435334706	−0.296769314	2.014916e−02	AC016949.1
ENSG00000230734	7.334008e+00	−0.285026264	1.821158e−02	−0.015365982	0.898889695	−0.036903545	0.7599712104	−0.130269678	2.782050e−01	RPL10P3
ENSG00000230778	1.772408e+00	0.134076388	8.552776e−02	0.045770841	0.555156620	0.160317709	0.0393796632	0.053018963	4.933950e−01	ANKRD63
ENSG00000230807	1.382312e+01	−0.302183806	1.782520e−02	−0.157527138	0.215718395	−0.217447329	0.0871640386	−0.011505383	9.277039e−01	AC099535.1
ENSG00000230844	1.067716e+02	0.258523671	4.211005e−02	0.217106303	0.087506955	−0.004838631	0.9696507338	0.046754211	7.126481e−01	ZNF674−AS1
ENSG00000230865	2.315511e+00	−0.203231912	1.611717e−02	−0.090848170	0.283388277	−0.101382760	0.2303712454	0.002946078	9.722637e−01	TSEN15P1
ENSG00000230869	1.646919e+01	0.053350309	6.842001e−01	0.045146391	0.729783641	0.361939259	0.0056696365	0.100011372	4.421828e−01	AGAP10P
ENSG00000230881	2.261492e+00	0.075954596	3.873744e−01	−0.084901044	0.329997163	−0.047185870	0.5882131909	−0.198998560	2.134196e−02	AL445933.2
ENSG00000230911	3.445903e+01	0.123765464	3.351897e−01	0.183853636	0.151388003	0.283288857	0.0269869199	0.103478930	4.188120e−01	AP000907.1
ENSG00000230912	2.990646e+00	0.085097250	3.282983e−01	0.031060214	0.720326663	0.123653745	0.1547556243	0.225414574	9.535476e−03	AL021707.4
ENSG00000230943	7.619071e−01	0.147859988	2.023001e−02	0.075559687	0.233167939	0.013815888	0.8262912190	−0.028014680	6.552207e−01	LINC02541
ENSG00000230953	1.000716e+01	0.135767017	2.480688e−01	0.041409975	0.723341819	0.383078421	0.0011103984	0.084487600	4.682105e−01	AC099677.1
ENSG00000230956	5.539099e+01	0.077541185	5.165818e−01	−0.031558375	0.792302402	−0.001273740	0.9915214841	0.282251416	1.803557e−02	AL024493.1
ENSG00000230979	1.080401e+02	−0.146216126	1.301338e−01	−0.030882167	0.749799007	−0.047354180	0.6253715487	−0.245609048	1.206299e−02	AC079250.1
ENSG00000231027	7.875636e+02	−0.103963335	4.291352e−01	−0.038727734	0.767734057	−0.166408010	0.2044346119	−0.348908548	7.588635e−03	NA
ENSG00000231035	4.741287e+00	0.226574920	2.881507e−02	0.260165207	0.011886312	0.136143980	0.1861555272	0.210349667	4.094973e−02	RPL7L1P9
ENSG00000231047	5.713073e−01	0.106034106	3.635886e−02	0.002493573	0.960524562	0.012006665	0.8114472877	0.043392509	3.892847e−01	GCNT1P3
ENSG00000231062	7.902615e−01	0.056008927	3.551816e−01	−0.024870313	0.679766891	0.131516853	0.0301550841	0.036229386	5.484890e−01	AC103563.2
ENSG00000231079	1.557243e+00	0.052307663	4.543305e−01	0.005833087	0.933281337	0.159405207	0.0227503173	0.053474209	4.431362e−01	AC105402.3
ENSG00000231113	3.890700e+02	0.056101691	5.119954e−01	−0.010718172	0.901068470	0.034384415	0.6900226255	−0.174191079	4.539708e−02	AL035587.1
ENSG00000231120	3.329390e+02	−0.257941587	2.032078e−03	−0.010844138	0.897126344	−0.056683895	0.4997060886	−0.088554993	2.954518e−01	BTF3P10
ENSG00000231128	5.849875e+00	0.289494355	8.467218e−03	0.119707002	0.273211206	0.236505725	0.0307000514	0.042455868	6.954159e−01	AL137856.1
ENSG00000231130	5.979393e−01	0.020047373	6.214955e−01	0.089588683	0.027691401	0.025481930	0.5297503001	0.020771114	6.086205e−01	HLA−T
ENSG00000231167	7.763440e+02	−0.123983753	2.717807e−02	−0.091402284	0.106728645	−0.120571453	0.0335935381	−0.079412798	1.663738e−01	YBX1P2
ENSG00000231205	3.997495e+01	−0.188257024	1.532284e−01	−0.110503551	0.400405103	−0.318938594	0.0152369573	−0.234299904	7.350315e−02	ZNF826P
ENSG00000231234	2.036891e+02	0.002879782	9.715312e−01	0.173559897	0.032053516	0.132656791	0.1020684890	0.090574121	2.678978e−01	SKP1P1
ENSG00000231305	1.975010e+01	−0.202203345	1.193707e−01	0.035574758	0.783552404	−0.295925244	0.0220471898	−0.170602378	1.852096e−01	AC112484.2
ENSG00000231369	3.655967e+01	−0.325932823	8.401616e−03	−0.165824741	0.178540180	−0.304683707	0.0137209772	−0.277173704	2.475166e−02	Z97353.1
ENSG00000231389	1.966172e+05	−0.208562614	3.046540e−02	−0.106487187	0.271611935	−0.166696028	0.0852612411	−0.358759877	2.324199e−04	HLA−DPA1
ENSG00000231412	4.640240e+00	0.053637424	4.076473e−01	0.002489365	0.969280164	0.107910258	0.0952972166	0.154258094	1.709935e−02	AC005392.2
ENSG00000231443	8.661383e+00	−0.127239182	3.160001e−01	−0.201456397	0.110603130	−0.302462759	0.0163443606	−0.053373598	6.717426e−01	AC124944.2
ENSG00000231445	1.036452e+00	0.044529216	4.341981e−01	0.030468100	0.592071499	0.025777518	0.6497278365	0.117889117	3.861218e−02	TIMM8AP1
ENSG00000231464	2.167750e+00	0.123153955	1.602278e−01	0.117717482	0.178280472	0.006358507	0.9416534877	0.172071726	4.923918e−02	AC024937.2
ENSG00000231475	6.989357e+00	0.143647305	7.190388e−02	−0.004907632	0.950794392	0.031872260	0.6885823731	0.164382760	3.867886e−02	IGHV4−31
ENSG00000231476	2.554317e+00	−0.075445763	2.473291e−01	−0.148899099	0.022030499	−0.117318816	0.0711539739	−0.089954563	1.666356e−01	AC074389.2
ENSG00000231500	4.267489e+04	−0.142104344	2.339921e−02	−0.009743766	0.877652254	−0.034074660	0.5903344460	−0.126174921	4.883278e−02	RPS18
ENSG00000231528	1.730240e+01	0.384697437	1.352263e−03	0.223485931	0.061419973	0.150729462	0.2066855217	0.176964678	1.363186e−01	FAM225A
ENSG00000231535	5.238207e+00	0.060872539	5.479083e−01	−0.253125370	0.009593713	−0.261192949	0.0073503884	0.431108331	3.082943e−05	LINC00278
ENSG00000231560	1.989999e+01	0.364149170	2.271856e−03	0.185026567	0.119063921	0.131202306	0.2686824405	0.409945904	5.322137e−04	CLEC12A−AS1
ENSG00000231613	1.013280e+01	0.045431531	6.622427e−01	0.051193227	0.621585787	0.206017169	0.0472930325	0.020345918	8.437959e−01	AC099568.1
ENSG00000231616	7.873918e+00	0.067842579	5.252813e−01	0.063765230	0.549209864	0.257158253	0.0159753036	0.072548449	4.939360e−01	AL354733.2
ENSG00000231663	3.445931e+01	−0.136486958	2.971327e−01	−0.142193134	0.276220762	−0.162066565	0.2146929068	−0.282845007	2.986623e−02	AL355472.1
ENSG00000231684	5.121965e+02	−0.068530235	3.045421e−01	−0.100191830	0.137196080	−0.144822947	0.0319665341	−0.130533675	5.557049e−02	EIF1P3
ENSG00000231700	1.413790e+01	−0.208162915	1.143912e−01	−0.112941260	0.390302468	−0.342626179	0.0091483229	0.035169180	7.882183e−01	AL356276.2
ENSG00000231739	9.051331e−01	0.106270794	4.973888e−02	0.028458601	0.597860878	0.005514760	0.9183785392	0.012606244	8.149938e−01	GAPDHP59
ENSG00000231752	1.454370e+02	−0.091737133	4.539528e−01	−0.204038194	0.095959116	−0.279572814	0.0226212493	−0.162602342	1.844773e−01	EMBP1
ENSG00000231767	3.170737e+03	−0.174453526	2.978081e−03	−0.046701436	0.430975817	−0.032128163	0.5880134328	−0.158147511	8.459280e−03	AL136454.1
ENSG00000231794	5.645804e+01	−0.105981401	4.196659e−01	−0.164235204	0.209920515	−0.088301946	0.5002208345	−0.281828691	3.089665e−02	AC009542.1
ENSG00000231841	2.058987e+02	0.001980779	9.812548e−01	0.177859733	0.035361137	0.047101843	0.5788937517	0.115692248	1.753009e−01	FAM192BP
ENSG00000231881	4.722543e+00	0.225789808	1.113965e−02	0.071458202	0.419270004	0.094529756	0.2851474259	0.029245263	7.401408e−01	AL109615.2
ENSG00000231887	1.011458e+01	−0.032226645	7.919019e−01	−0.237978375	0.049735570	−0.053394977	0.6604451771	−0.142628239	2.383623e−01	PRH1
ENSG00000231889	7.822882e+01	−0.098604962	3.643144e−01	−0.103138407	0.344365455	0.008552082	0.9374085531	−0.334203861	2.342368e−03	TRAF3IP2−AS1
ENSG00000231925	9.103904e+03	0.048694915	5.048583e−01	−0.051599680	0.483508505	0.027477070	0.7090567017	0.156455341	3.546740e−02	TAPBP
ENSG00000231940	2.688530e+01	−0.307617404	1.944346e−02	−0.085251830	0.515838778	−0.224637101	0.0869901327	−0.074748917	5.674239e−01	RPS7P3
ENSG00000231964	4.371184e+01	0.118923420	3.300388e−01	0.088753077	0.467197758	0.212460689	0.0813603401	0.422872106	5.089395e−04	AL731567.1
ENSG00000231991	1.041693e+04	−0.021622505	7.694638e−01	−0.035192681	0.636174109	−0.017619767	0.8127821682	0.156603067	3.716943e−02	ANXA2P2
ENSG00000232004	8.066689e+01	−0.153042158	1.814300e−01	0.001281892	0.991058456	−0.017657465	0.8774313017	0.229100682	4.507589e−02	CAP1P2
ENSG00000232082	1.150359e+00	0.019072225	7.738358e−01	0.078154407	0.239051475	−0.001237389	0.9850384581	0.159026680	1.725478e−02	RPS6KA2−IT1
ENSG00000232104	1.894919e+01	0.124194600	3.416448e−01	0.074466553	0.567131077	0.185920016	0.1531948090	0.293336574	2.362349e−02	RFX3−AS1
ENSG00000232112	1.426315e+03	−0.134567374	1.041056e−02	−0.029875760	0.573165789	−0.126425357	0.0173107782	−0.195315323	2.845063e−04	TMA7
ENSG00000232149	9.477294e+00	0.224620271	7.884545e−02	0.230879028	0.069934088	0.434695314	0.0006601977	0.127911405	3.119299e−01	FERP1
ENSG00000232150	2.721657e+02	−0.058769481	3.980816e−01	−0.072237527	0.303316549	−0.075997874	0.2795074088	−0.198966280	5.230330e−03	ST13P4
ENSG00000232166	5.165776e−01	−0.008271991	8.235184e−01	−0.013353881	0.718793389	0.074499345	0.0448336619	0.001188685	9.744113e−01	AL122008.2
ENSG00000232176	2.849502e+02	−0.211273151	1.044742e−02	−0.113762326	0.170137557	−0.148779765	0.0732194152	−0.085102503	3.088159e−01	AL161909.1
ENSG00000232186	2.102510e+01	0.251810476	5.310768e−02	0.322189818	0.013019891	0.198060463	0.1266002262	0.311857514	1.574776e−02	AL137013.1
ENSG00000232187	2.908938e+03	−0.016928817	8.111118e−01	−0.011392295	0.873324118	−0.071653608	0.3160937234	−0.148949015	3.922967e−02	FTH1P7
ENSG00000232202	1.259710e+01	0.407574771	1.379514e−03	−0.006029138	0.961946134	0.250477698	0.0479904982	0.127819426	3.102972e−01	AC098824.1
ENSG00000232267	4.630265e+00	0.019001021	8.589040e−01	0.278960912	0.009357077	0.056968076	0.5928732818	0.263387891	1.372805e−02	ACTR3P2
ENSG00000232300	6.473196e+00	−0.153812759	1.842252e−01	−0.126285645	0.274227536	−0.035985426	0.7556371647	−0.230997938	4.410649e−02	FAM215B
ENSG00000232334	1.026332e+00	0.046515610	4.404230e−01	−0.019943265	0.739855396	0.086671055	0.1502611771	0.167486425	5.618120e−03	AL683842.1
ENSG00000232346	1.464087e+03	−0.237259408	1.210259e−04	−0.124358548	0.045848789	−0.052968032	0.3949297283	−0.235438013	1.886535e−04	Z74021.1
ENSG00000232387	3.471640e+01	−0.108582790	3.920476e−01	0.022840347	0.856731765	0.431032446	0.0006218316	0.119916842	3.418448e−01	SKA2P1
ENSG00000232388	8.055416e+02	−0.228416046	5.947440e−05	−0.093776067	0.101943605	−0.111675235	0.0517006142	−0.187042512	1.296278e−03	SMIM26
ENSG00000232470	7.539705e+00	0.116108495	3.500029e−01	0.308192801	0.013117856	0.169319969	0.1716166439	0.082498289	5.025459e−01	AL136368.1
ENSG00000232472	5.341249e+03	−0.229253472	1.154171e−03	−0.097010415	0.172702381	−0.083805033	0.2388329173	−0.241471831	7.870316e−04	EEF1B2P3
ENSG00000232485	1.979872e+00	0.092911289	2.571933e−01	0.210965668	0.010401871	0.140851371	0.0857520096	0.081891381	3.150611e−01	AC098820.1
ENSG00000232487	1.449083e+00	0.165583027	1.581310e−02	0.074991017	0.272217396	0.048579216	0.4757377366	0.041102354	5.459479e−01	RASA3−IT1
ENSG00000232498	5.413300e−01	0.036524793	3.458431e−01	0.081453177	0.035812721	0.016031060	0.6787331073	0.005967326	8.773813e−01	AL136987.1
ENSG00000232559	3.718162e+02	0.036161819	6.656234e−01	−0.140890687	0.095123786	−0.191612378	0.0233939474	−0.228580485	7.377896e−03	NA
ENSG00000232573	1.720507e+04	−0.217633133	1.040191e−05	−0.114226599	0.022081423	−0.144419666	0.0038066835	−0.219302109	1.453425e−05	RPL3P4
ENSG00000232613	7.444296e+00	−0.232424819	4.754927e−02	−0.066096800	0.573155145	−0.129921048	0.2671616681	−0.231921179	4.622522e−02	AC007386.2
ENSG00000232623	1.068026e+00	0.044645793	4.242086e−01	0.038914606	0.485756898	0.156051549	0.0053126142	0.061778076	2.681061e−01	AP000266.1
ENSG00000232628	1.533776e+02	−0.365502742	5.545237e−03	−0.126948569	0.333930825	−0.404735992	0.0020678953	−0.381852123	3.532671e−03	AC092809.2
ENSG00000232634	1.241350e+00	0.091183630	2.122639e−02	−0.011572095	0.769332474	−0.011465786	0.7712254666	0.042661976	2.806689e−01	NEFLP1
ENSG00000232642	2.177556e+00	−0.059114634	5.027796e−01	−0.025749521	0.769992025	0.051857828	0.5566565829	0.219209639	1.373206e−02	AC008073.2
ENSG00000232653	5.484642e+02	−0.075293766	5.298273e−01	0.116030662	0.333094100	0.004976584	0.9668938702	−0.262393682	2.881135e−02	GOLGA8N
ENSG00000232677	2.114713e+02	−0.428525022	3.695287e−04	−0.217424324	0.070634079	−0.112713593	0.3485454864	−0.220775479	6.663298e−02	LINC00665
ENSG00000232682	5.419201e+00	−0.096071345	3.380659e−01	−0.029230036	0.770602201	−0.073299169	0.4638591664	−0.222135502	2.524903e−02	AL592430.1
ENSG00000232687	6.484334e−01	−0.037432651	4.876457e−01	−0.072841837	0.175327592	−0.107618976	0.0443517241	−0.047036317	3.828199e−01	RPL12P9
ENSG00000232713	1.155561e+02	−0.146994054	1.119320e−01	−0.217836469	0.019407092	−0.221132661	0.0178017919	−0.088118088	3.457289e−01	AC010733.1
ENSG00000232788	9.215334e+00	−0.161426222	1.816435e−01	0.253576705	0.036394943	−0.046814391	0.6978285340	−0.206026739	8.537812e−02	AC078883.3
ENSG00000232792	1.471405e+00	0.120545087	3.478939e−02	0.017157851	0.763010066	0.082868666	0.1455989121	0.061568676	2.791973e−01	FTH1P25
ENSG00000232803	4.303221e+00	0.144347304	8.102023e−02	0.212454515	0.010147454	0.056997571	0.4886728150	0.212944136	9.857880e−03	SLCO4A1−AS1
ENSG00000232807	2.452385e+01	0.277942315	3.357345e−02	0.247067868	0.057927769	0.447826084	0.0005918956	0.373191128	4.026872e−03	AL137186.2
ENSG00000232810	1.889585e+02	0.342466960	4.935236e−03	0.175756878	0.147521722	−0.003609027	0.9762699325	−0.107874093	3.716024e−01	TNF
ENSG00000232818	2.298802e+01	−0.299367779	2.237200e−02	−0.111019080	0.395612407	−0.271448631	0.0376718061	−0.209046581	1.079816e−01	RPS2P32
ENSG00000232828	9.422428e−01	0.061784769	3.120396e−01	0.048751548	0.423975601	0.041392677	0.4962179329	0.132922002	3.001506e−02	AC231533.1
ENSG00000232838	9.119992e+01	−0.228545261	3.932002e−02	−0.110774733	0.317994500	−0.037074546	0.7380756750	−0.110726967	3.195565e−01	PET117
ENSG00000232850	1.715010e+00	0.093858447	2.505433e−01	0.172481940	0.035075153	0.022973909	0.7769656080	0.185572777	2.311765e−02	PTGES2−AS1
ENSG00000232860	1.878161e+01	−0.008252461	9.500968e−01	0.240224329	0.067661733	0.361052172	0.0060236587	0.039045091	7.655277e−01	SMG7−AS1
ENSG00000232876	5.092144e−01	0.029031494	5.213057e−01	0.001028291	0.981861831	0.098544607	0.0297134861	0.022680754	6.157859e−01	AL353596.1
ENSG00000232883	5.657398e+00	−0.335107074	6.524750e−03	−0.222655643	0.070564928	−0.149144944	0.2262053781	−0.114656229	3.508006e−01	AL451081.2
ENSG00000232938	1.622812e+00	0.145834245	4.303239e−02	0.040706591	0.570065829	0.051805997	0.4692901141	0.056605527	4.292761e−01	RPL23AP87
ENSG00000232963	8.405786e−01	−0.084241411	1.258001e−01	−0.118460651	0.031014592	−0.096600330	0.0783653321	−0.124081184	2.361631e−02	HMGN2P20

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000232969	6.702215e−01	−0.006254005	9.047142e−01	0.1373148252	9.065796e−03	0.018342825	0.7252996707	0.009543515	8.548780e−01	AP001062.2
ENSG00000233006	1.437258e+01	−0.095406685	4.577070e−01	−0.2909908273	2.277479e−02	−0.258389130	0.0431566642	−0.183718511	1.488933e−01	MIR3936HG
ENSG00000233029	4.170492e+00	0.120243005	1.727571e−01	0.1923901708	2.912390e−02	0.155210328	0.0778648303	0.240015767	6.349546e−03	AC244453.2
ENSG00000233056	9.334401e+00	−0.313309338	6.203140e−03	−0.1233227263	2.810746e−01	−0.162291675	0.1555398270	−0.180476293	1.129715e−01	ERVH48−1
ENSG00000233058	2.833623e+01	0.281988094	2.267205e−02	−0.0182808716	8.832129e−01	−0.006593600	0.9577686117	0.029423242	8.126813e−01	LINC00884
ENSG00000233170	2.966628e+01	0.222697897	8.902278e−02	0.1108151295	3.965344e−01	0.007187237	0.9561739901	0.346172215	7.826370e−03	AC138356.2
ENSG00000233178	3.353903e+00	−0.098623414	2.852257e−01	−0.2172118955	1.788603e−02	−0.053476863	0.5614358159	−0.035078704	7.029304e−01	AL161457.2
ENSG00000233184	6.825198e+01	0.215272369	4.612559e−02	0.4261421556	7.496805e−05	0.332413608	0.0020793501	0.311662375	4.061533e−03	AC093157.1
ENSG00000233223	7.203493e+01	0.280300003	1.618835e−02	0.2312065669	4.765738e−02	0.046508548	0.6913282984	0.132151620	2.594669e−01	AC016876.1
ENSG00000233230	1.000397e+02	−0.078561763	4.101167e−01	−0.1327470026	1.665406e−01	−0.322879246	0.0008391789	−0.103682422	2.830652e−01	AC079807.2
ENSG00000233270	6.057322e+02	−0.249121087	4.848642e−05	−0.0718829192	2.440862e−01	−0.096465579	0.1184871246	−0.171206682	6.185056e−03	SNRPEP4
ENSG00000233276	1.587487e+04	−0.152212359	8.323500e−02	−0.0962553817	2.763811e−01	−0.276158362	0.0017920818	−0.179443162	4.407974e−02	GPX1
ENSG00000233287	2.225048e+01	−0.399752300	1.991926e−03	−0.2733081874	3.393953e−02	−0.200852942	0.1189639093	−0.232908062	6.989660e−02	AC009362.1
ENSG00000233293	6.844123e−01	−0.005356943	9.233522e−01	−0.0146717519	7.919469e−01	0.127356197	0.0228181538	0.036562734	5.116727e−01	AL133343.3
ENSG00000233306	1.895743e+00	0.095613378	2.241200e−01	0.0337144703	6.666958e−01	0.097616553	0.2128657712	0.235360127	2.826538e−03	TRGV2
ENSG00000233308	1.710150e+00	0.056615775	4.019579e−01	0.0577966333	3.917797e−01	0.161024036	0.0172712931	0.130039488	5.405053e−02	OSTN−AS1
ENSG00000233347	4.925339e+01	−0.301388555	1.385594e−02	−0.1314133830	2.820463e−01	−0.254912896	0.0373576145	−0.056191392	6.451273e−01	ERP29P1
ENSG00000233369	2.912690e+02	−0.152635059	1.141673e−01	−0.1586317117	1.023729e−01	−0.018913903	0.8454237386	−0.220336481	2.418414e−02	GTF2IP4
ENSG00000233426	2.861294e+03	−0.161555772	2.646809e−03	−0.1063078276	5.023973e−02	−0.112330111	0.0386154274	−0.114867263	3.676051e−02	EIF3FP3
ENSG00000233429	7.466264e+02	−0.046721020	6.066935e−01	−0.0650686934	4.759716e−01	−0.098476928	0.2808692963	−0.245218369	7.733986e−03	HOTAIRM1
ENSG00000233461	6.914229e+01	−0.288523883	2.097222e−02	0.0004498772	9.971193e−01	−0.080251853	0.5199245693	0.001164705	9.925374e−01	AL445524.1
ENSG00000233476	5.097420e+03	−0.154422376	2.304074e−02	−0.1292399957	5.941131e−02	−0.146145964	0.0330474178	−0.140434763	4.279011e−02	EEF1A1P6
ENSG00000233493	8.606448e+01	−0.116378754	2.904611e−01	−0.2221551235	4.459214e−02	−0.135319883	0.2207485985	−0.005360491	9.612973e−01	TMEM238
ENSG00000233517	6.742667e−01	−0.026807138	5.988671e−01	0.0106566703	8.346375e−01	0.128893561	0.0118914737	0.002469903	9.613323e−01	AC005162.2
ENSG00000233523	1.014661e+00	−0.118419069	4.608592e−02	−0.1646896856	5.355139e−03	−0.117728515	0.0465826676	−0.132553099	2.540429e−02	PHBP5
ENSG00000233554	1.229033e+01	−0.243294948	5.069831e−02	−0.1635709073	1.877608e−01	−0.108060666	0.3842719929	−0.278676143	2.391605e−02	B4GALT1−AS1
ENSG00000233559	7.382802e+00	0.345605485	3.065795e−03	0.1739619712	1.330851e−01	−0.013144218	0.9092112603	−0.033380106	7.717223e−01	LINC00513
ENSG00000233614	5.602617e+00	−0.191268814	3.938016e−02	−0.2165951014	1.926278e−02	−0.115419130	0.2128821393	−0.154237023	9.520041e−02	DDX11L10
ENSG00000233647	2.648763e+00	0.182359674	3.568238e−02	0.0120026592	8.891513e−01	0.107423193	0.2131371268	0.044750913	6.029620e−01	NENFP1
ENSG00000233690	2.612489e+00	0.046945843	5.719338e−01	0.0761322749	3.586987e−01	0.068045108	0.4112860549	0.183157021	2.750641e−02	EBAG9P1
ENSG00000233716	1.277882e+00	−0.135134372	3.823696e−02	−0.1138686725	8.064697e−02	−0.113460980	0.0812345692	−0.022523496	7.304474e−01	AC074367.1
ENSG00000233747	1.345311e+00	−0.016243807	8.499144e−01	0.1813344892	3.669347e−02	−0.056069368	0.5106204658	0.038209882	6.560328e−01	RPL36AP13
ENSG00000233762	3.488313e+03	−0.147009374	1.263069e−02	−0.0680714345	2.527682e−01	−0.104271080	0.0798920357	−0.123499855	4.044753e−02	AC007969.1
ENSG00000233785	1.484128e+00	0.087066581	2.347750e−01	0.2018630058	6.080756e−03	0.192379128	0.0087892534	0.101182403	1.660602e−01	AC131011.1
ENSG00000233786	5.304323e+00	0.300892943	8.514427e−03	0.1936881902	8.850110e−02	0.042239710	0.7088459205	0.137664711	2.228994e−01	CDC27P1
ENSG00000233825	1.953579e+01	−0.113940199	3.772993e−01	−0.1490022515	2.474961e−01	−0.241467206	0.0613417179	−0.284460524	2.718668e−02	AL391839.2
ENSG00000233834	7.016301e+00	−0.092487909	3.969017e−01	−0.2193567654	4.335866e−02	−0.404616260	0.0001811352	−0.346393730	1.319455e−03	AC005083.1
ENSG00000233859	7.146697e+01	0.045850178	6.725242e−01	−0.0796666246	4.653000e−01	−0.216283415	0.0484281799	−0.088809668	4.171445e−01	ADH5P4
ENSG00000233864	8.350044e+01	0.015819583	8.142900e−01	−0.1407276752	3.634182e−02	−0.140894622	0.0361114058	0.104459491	1.198212e−01	TTTY15
ENSG00000233893	6.631511e+00	−0.108937970	3.313549e−01	−0.1812533004	1.044194e−01	−0.149434796	0.1805838066	−0.281090670	1.125440e−02	EZR−AS1
ENSG00000233901	5.857415e+01	−0.179211290	1.588383e−01	−0.0105373402	9.338317e−01	−0.432190955	0.0006869853	−0.208970377	9.938845e−02	LINC01503
ENSG00000233913	5.500051e+03	−0.132337630	1.903492e−01	−0.2546304955	1.210796e−02	−0.243182406	0.0165684240	−0.249903211	1.430475e−02	RPL10P9
ENSG00000233954	1.196084e+03	−0.031652977	6.889955e−01	0.1668210407	3.614979e−02	0.059624431	0.4542596727	−0.007246778	9.282035e−01	UQCRHL
ENSG00000233975	8.716185e−01	0.059790511	2.511943e−01	0.1041217862	4.598903e−02	0.036473807	0.4827400748	−0.009740413	8.510303e−01	AL445490.2
ENSG00000234003	7.360312e−01	0.046248646	4.187866e−01	−0.0141912580	8.033138e−01	0.117382340	0.0403995151	−0.023296761	6.820688e−01	MTATP6P27
ENSG00000234009	2.447995e+03	−0.182983758	6.839765e−03	−0.0730398760	2.845127e−01	−0.095930328	0.1599311435	−0.133801327	5.255526e−02	RPL5P34
ENSG00000234062	4.463787e+01	0.142990492	2.678258e−01	0.0977499402	4.480565e−01	0.171937003	0.1819696096	0.255761562	4.649947e−02	AL390879.2
ENSG00000234129	1.109995e+01	−0.200070966	1.057574e−01	−0.2611912664	3.386782e−02	−0.153594601	0.2125850884	−0.132117066	2.818314e−01	AC073529.1
ENSG00000234141	5.667691e−01	0.049392055	3.154191e−01	0.1258408975	1.081645e−02	0.025486752	0.6033924033	0.031938670	5.153050e−01	AC006042.4
ENSG00000234145	4.055476e+02	−0.137861882	6.153084e−02	−0.1743599211	1.912531e−02	−0.177744088	0.0170049890	−0.186446332	1.311273e−02	NAP1L4P3
ENSG00000234171	6.767547e+01	−0.279091620	2.337168e−02	−0.3927098952	1.437983e−03	−0.172750569	0.1601952583	−0.177617299	1.483354e−01	RNASEH1−AS1
ENSG00000234177	6.102739e−01	−0.086403721	2.979899e−02	−0.0753430515	5.820440e−02	−0.089417932	0.0243302338	−0.099325513	1.237279e−02	LINC01114
ENSG00000234193	1.643386e+01	−0.191205014	1.310243e−01	−0.0044791492	9.717151e−01	−0.329406793	0.0089030866	−0.079119338	5.289080e−01	AC013476.1
ENSG00000234287	7.415139e+03	−0.156424588	9.648348e−03	−0.0376571265	5.372040e−01	−0.035677247	0.5588388387	−0.198463210	1.317080e−03	AC099560.2
ENSG00000234290	1.946346e+02	0.293123082	1.738958e−02	0.0080889949	9.477051e−01	0.037087285	0.7636370722	0.216803355	7.850082e−02	AC116366.1
ENSG00000234335	2.166586e+02	−0.252808094	1.156665e−02	−0.0694216620	4.885370e−01	−0.043179312	0.6666534367	−0.183598766	6.934236e−02	RPS4XP11
ENSG00000234362	4.058909e+00	−0.116821705	1.878989e−01	−0.0683414987	4.405933e−01	−0.193161973	0.0286461303	−0.121519319	1.686385e−01	LINC01914
ENSG00000234377	1.409186e+00	0.055518158	3.251185e−01	0.1259398833	2.577710e−02	0.019439681	0.7296810142	−0.008191620	8.841252e−01	RNF219−AS1
ENSG00000234389	1.941895e+01	0.098344142	3.915587e−01	0.1764988853	1.229786e−01	0.255079888	0.0258492755	0.228406636	4.509289e−02	AC007278.1
ENSG00000234420	5.400120e+02	0.228311083	4.406557e−03	0.1527939863	5.876166e−02	0.147468735	0.0682689466	0.105962678	1.942090e−01	ZNF37BP
ENSG00000234444	1.155139e+03	−0.058341562	5.060249e−01	−0.1441544447	1.026391e−01	−0.077104201	0.3826059244	−0.255464251	4.117657e−03	ZNF736
ENSG00000234518	6.708110e+02	0.047535543	4.448653e−01	0.0474933259	4.495241e−01	0.061891391	0.3246146195	0.176342263	5.443364e−03	PTGES3P1
ENSG00000234585	1.332300e+02	0.278937175	1.771690e−02	0.1853742561	1.156956e−01	0.099254370	0.4000852436	0.190977792	1.054351e−01	CCT6P3
ENSG00000234589	4.851681e+01	−0.272014595	2.736115e−02	−0.3133196121	1.106571e−02	−0.181779740	0.1400018293	−0.232546673	5.890738e−02	AC125807.1
ENSG00000234614	8.096382e−01	0.044544460	3.853302e−01	0.0153590047	7.643042e−01	0.163514439	0.0014835896	0.013151677	7.971396e−01	AL450992.2
ENSG00000234616	3.022485e+02	0.111388066	3.215366e−01	0.1343866711	2.326812e−01	0.254738319	0.0236261221	0.234506213	3.767696e−02	JRK
ENSG00000234636	9.271025e+01	−0.094862330	3.972865e−01	−0.1734175015	1.228754e−01	−0.320503858	0.0044707814	−0.166252599	1.403083e−01	MED14OS
ENSG00000234678	8.500180e+01	0.247239903	5.045935e−02	0.0257297439	8.387222e−01	0.256184255	0.0425158944	0.129644561	3.041915e−01	ELF3−AS1
ENSG00000234743	1.857159e+01	−0.073889604	5.713142e−01	−0.0743040562	5.682015e−01	0.166017307	0.2014174471	0.259722694	4.496857e−02	EIF5AP4
ENSG00000234745	1.011338e+05	−0.087653217	1.851615e−01	−0.0755663241	2.577210e−01	−0.164716345	0.0136248356	−0.065890676	3.291860e−01	HLA−B
ENSG00000234776	3.763173e+00	−0.210563151	4.463559e−02	−0.1229982473	2.407343e−01	−0.107713399	0.3038542785	−0.113362282	2.782828e−01	C11orf94
ENSG00000234785	1.655590e+01	−0.302430272	2.178736e−02	−0.2337897202	7.528909e−02	−0.122776997	0.3502217564	−0.033672409	7.969842e−01	EEF1GP5
ENSG00000234797	2.223523e+04	−0.181457738	2.363183e−03	−0.0371674246	5.374901e−01	−0.063458879	0.2924547694	−0.233196199	1.326486e−04	RPS3AP6
ENSG00000234814	4.466268e+01	0.206583523	1.115548e−01	0.2053643155	1.129771e−01	0.269568798	0.0374609474	0.139371213	2.809491e−01	SVILP1
ENSG00000234818	3.915280e+00	0.151646734	1.670356e−01	0.1321632359	2.270818e−01	0.238482810	0.0296589207	0.214421969	4.932514e−02	AC007314.1
ENSG00000234835	4.755699e−01	−0.077256378	4.479833e−02	−0.0515766436	1.802948e−01	−0.076834326	0.0457695244	−0.056710873	1.402534e−01	PHBP13
ENSG00000234851	6.248125e+03	−0.125726403	1.087140e−02	−0.0125972941	8.006683e−01	−0.017971082	0.7187470383	−0.145235784	4.089073e−03	RPL23AP42
ENSG00000234882	8.475583e+02	−0.230040886	4.330930e−04	−0.0436185814	5.075844e−01	−0.052644249	0.4241490050	−0.173632286	9.221906e−03	EIF3EP1
ENSG00000234912	1.347867e+02	−0.177349663	1.352815e−01	−0.1554099674	1.908851e−01	−0.301410089	0.0112976423	−0.184013522	1.218439e−01	SNHG20
ENSG00000234964	3.609181e+02	0.096449579	3.124846e−01	0.0929859756	3.326662e−01	−0.054743718	0.5691094473	0.231106533	1.661740e−02	FABP5P7
ENSG00000234975	3.336677e+03	−0.019931822	7.886183e−01	0.0133008190	8.591541e−01	−0.075711721	0.3125846122	−0.164538494	2.983345e−02	FTH1P2
ENSG00000234998	3.317238e+00	−0.051588704	5.844805e−01	−0.1894170493	4.337056e−02	−0.084384271	0.3691641991	−0.132270217	1.572215e−01	AC244453.3
ENSG00000235043	4.576994e+02	−0.078268890	2.670720e−01	−0.0593709679	4.038800e−01	−0.140494550	0.0487566063	−0.077076710	2.836074e−01	TECRP1
ENSG00000235081	2.268002e+01	0.251500026	4.643729e−02	0.2113554182	9.292319e−02	0.222347058	0.0770867741	0.188773936	1.314281e−01	AC245052.3
ENSG00000235106	1.481173e+02	−0.166846214	1.071738e−01	−0.2600679992	1.251672e−02	−0.181687617	0.0808642155	−0.029137109	7.797288e−01	LINC00094
ENSG00000235151	3.578815e+01	0.307688822	1.058859e−02	0.1704649168	1.550307e−01	0.088351623	0.4608891947	0.151822423	2.030818e−01	AC131097.4
ENSG00000235174	1.850832e+04	−0.171992312	4.388215e−03	−0.0070828165	9.075140e−01	−0.030250012	0.6197884359	−0.129165766	3.635076e−02	AC019205.3
ENSG00000235225	2.170334e+01	−0.316845706	1.604802e−02	−0.1208399018	3.568498e−01	−0.063597614	0.6277134354	−0.104088255	4.256737e−01	AC016712.1
ENSG00000235241	2.344549e+01	−0.076290424	5.576194e−01	−0.0919197782	4.782764e−01	−0.206143739	0.1115487509	−0.256165675	4.689885e−02	BX284668.4
ENSG00000235262	3.647975e+00	−0.072582190	4.718829e−01	0.1496820828	1.404579e−01	0.239650418	0.0184542185	−0.005851987	9.534914e−01	KDM5C−IT1
ENSG00000235280	8.606120e−01	0.044798249	4.211388e−01	0.0278999582	6.158078e−01	0.091265997	0.1010700296	0.120531909	3.073229e−02	MCF2L−AS1
ENSG00000235286	6.057487e+00	0.082005596	4.643042e−01	0.0043214592	9.690603e−01	0.221814632	0.0473960254	0.067316049	5.451102e−01	AP000925.1
ENSG00000235290	2.588054e+01	−0.138597974	1.581119e−01	−0.1419935743	1.470706e−01	−0.219656257	0.0248184693	−0.140732116	1.492486e−01	HLA−W
ENSG00000235297	2.832788e+03	−0.122744188	1.419732e−02	−0.0388894006	4.418911e−01	−0.115508037	0.0224788401	−0.123570496	1.596569e−02	AC008021.1
ENSG00000235381	2.632420e+01	0.023465392	8.584891e−01	0.0732110485	5.769256e−01	0.156913379	0.2317605490	0.269987575	3.885438e−02	AL596202.1
ENSG00000235423	4.257610e+01	−0.220395398	8.701630e−02	−0.1781155576	1.658085e−01	−0.263760416	0.0403185315	−0.329602506	1.022795e−02	AC068768.1
ENSG00000235426	2.440775e+00	−0.056801252	4.793765e−01	−0.0679723139	3.962981e−01	−0.168266288	0.0348977955	−0.094275026	2.380458e−01	AL133481.1
ENSG00000235449	2.583554e+01	−0.290261179	2.541337e−02	−0.0557094621	6.667073e−01	−0.179169180	0.1665871172	−0.125251625	3.318035e−01	AC098934.3
ENSG00000235513	2.973858e+01	0.243769881	6.223457e−02	0.2097624198	1.078460e−01	0.032820325	0.8015609211	0.269222014	3.840511e−02	AL035681.1
ENSG00000235552	1.324717e+04	−0.209040877	1.185176e−05	−0.1054657979	2.882094e−02	−0.154850387	0.0013319375	−0.259946677	1.073128e−07	AP005202.1
ENSG00000235554	3.064104e+02	0.221217925	1.153796e−02	0.1828172614	3.811688e−02	0.127710009	0.1479980264	0.095529025	2.831150e−01	AC005822.1
ENSG00000235560	1.362150e+01	0.081945336	5.204737e−01	0.0969401559	4.454189e−01	0.280150365	0.0276384168	0.144557719	2.531449e−01	AC002310.1
ENSG00000235586	4.203517e+00	0.087179024	4.007568e−01	0.2373437873	2.238062e−02	0.031516581	0.7600366271	0.009331121	9.276687e−01	AC011247.2
ENSG00000235609	1.140486e+02	−0.248350770	3.213935e−02	−0.0848993112	4.636351e−01	−0.154292046	0.1833741974	−0.039148071	7.358447e−01	AF127577.4
ENSG00000235636	3.654007e+02	−0.102289349	1.014964e−01	−0.0521395215	4.075838e−01	−0.128730474	0.0416581413	−0.038335626	5.471528e−01	NUS1P1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000235651	2.105731e+00	0.079310291	3.838744e−01	0.140936738	0.122662337	0.340401071	0.0002152271	0.150135716	0.0981559491	AC064850.1
ENSG00000235695	3.053280e+00	−0.213244627	2.567770e−02	−0.091114274	0.341185646	−0.206979187	0.0296688537	−0.086699627	0.3641669003	AC130472.1
ENSG00000235698	8.130550e+01	−0.156588881	1.383091e−01	0.010831164	0.918236211	0.075664775	0.4730250671	−0.209582053	0.0493036087	PA2G4P2
ENSG00000235700	1.315832e+01	0.200225010	6.948465e−02	0.280029985	0.010940474	0.227880263	0.0382089676	0.161888981	0.1389372164	CYCSP52
ENSG00000235703	7.209033e+01	0.244017621	4.983366e−02	0.288372492	0.020351712	0.257073634	0.0387405813	0.162759260	0.1905722369	LINC00894
ENSG00000235706	6.577701e+01	−0.222466543	4.774280e−02	−0.234815355	0.037202981	−0.138344233	0.2190468556	−0.209796668	0.0628047072	DICER1−AS1
ENSG00000235724	1.193522e+01	0.097322782	4.307620e−01	0.047990584	0.696382504	0.270029825	0.0284636699	0.236747554	0.0535820495	AC009299.3
ENSG00000235728	2.103743e+00	−0.169552300	3.184806e−02	−0.092067351	0.244693270	−0.132345717	0.0935180839	−0.121504731	0.1229958845	AC007349.3
ENSG00000235733	2.312266e+01	−0.127460711	3.336499e−01	−0.197659099	0.132512677	−0.074890795	0.5687380721	−0.268604179	0.0400863152	AL024509.3
ENSG00000235750	1.658524e+03	−0.002433521	9.761962e−01	0.039364112	0.631718494	0.099901469	0.2237889726	0.246139240	0.0029645422	KIAA0040
ENSG00000235768	3.560283e+01	−0.118583748	3.425380e−01	−0.329878783	0.008457842	−0.154921184	0.2153008229	−0.161172936	0.1963049223	BRD7P5
ENSG00000235776	2.412263e+02	−0.320802619	2.912298e−03	−0.204528632	0.058326724	−0.228801379	0.0342705007	−0.413475257	0.0001386576	AC000089.1
ENSG00000235781	1.008398e+00	−0.014070570	8.221436e−01	−0.015329580	0.806443078	0.214430041	0.0006861983	0.035388031	0.5717265249	AL662800.1
ENSG00000235806	7.124738e−01	−0.017361545	7.119165e−01	0.130946661	0.005607290	0.005831973	0.9011911881	−0.022913527	0.6254171932	AF241728.1
ENSG00000235823	3.716199e+01	0.025861310	8.434902e−01	0.012299262	0.924915834	−0.053151734	0.6837394712	−0.280600115	0.0306855033	OLMALINC
ENSG00000235879	9.366948e−01	0.047536466	4.142155e−01	0.150375156	0.010081703	0.048869581	0.4000952327	0.035449239	0.5415706934	FAR1P1
ENSG00000235912	1.716424e+02	−0.313581447	4.400631e−04	−0.204603754	0.022294612	−0.257615462	0.0040929963	−0.237452861	0.0085040477	AL031729.1
ENSG00000235927	1.873875e+00	−0.132953908	4.385826e−02	−0.084384561	0.201013905	−0.150717237	0.0219688933	−0.097417816	0.1390279135	NEXN−AS1
ENSG00000235954	2.111118e+02	−0.119101096	2.565188e−01	0.149395629	0.155103264	0.137028006	0.1924311367	−0.239620959	0.0236404513	TTC28−AS1
ENSG00000236058	3.198223e+02	−0.240055372	4.945851e−03	−0.107416944	0.210625819	−0.111016045	0.1960243314	−0.163685905	0.0587052607	RPL17P36
ENSG00000236066	2.285141e+00	−0.131329083	1.065951e−01	−0.099885399	0.219484083	−0.046209902	0.5701855796	−0.164569258	0.0420514971	NA
ENSG00000236073	5.190422e−01	−0.083139322	4.414006e−02	−0.077155233	0.061807884	−0.052948052	0.1998094084	−0.053649765	0.1936705946	AL627311.1
ENSG00000236202	8.111965e−01	0.028169381	5.891254e−01	0.060601935	0.245749708	0.111303773	0.0331020983	0.013872311	0.7897519293	GRM7−AS1
ENSG00000236255	3.093809e+01	−0.097587007	4.470894e−01	0.003191645	0.980107103	−0.166670404	0.1937685897	−0.341983795	0.0076400703	AC009404.1
ENSG00000236256	4.164486e+00	0.106872058	3.132853e−01	−0.126999231	0.226239929	0.231908672	0.0286833244	−0.022409847	0.8306227135	DIAPH2−AS1
ENSG00000236269	3.824181e+01	−0.040774413	7.525092e−01	−0.329492983	0.010825399	0.107567072	0.4042814524	−0.242765959	0.0596519777	ENO1−IT1
ENSG00000236278	2.182005e+01	0.106705264	3.900874e−01	0.247925445	0.045196410	0.099551059	0.4207287560	0.133352123	0.2787038660	PEBP1P3
ENSG00000236283	8.928240e−01	0.040477458	3.680427e−01	0.043864316	0.329034562	0.014312996	0.7496280514	0.104084026	0.0207534917	AC019197.1
ENSG00000236296	2.070963e+00	−0.207147791	6.255129e−03	−0.189376205	0.012355322	−0.230743460	0.0022354078	−0.221518600	0.0033347615	GUSBP5
ENSG00000236304	1.022561e+01	−0.122946295	2.184288e−01	−0.081875278	0.411433820	−0.108769333	0.2748287871	−0.195512583	0.0486743783	AP001189.1
ENSG00000236320	3.606622e+00	−0.218258653	2.033383e−03	−0.113302055	0.109448778	−0.158601706	0.0248323659	−0.146794865	0.0375783440	SLFN14
ENSG00000236325	3.366686e+00	−0.272562949	5.151828e−03	−0.137163091	0.160313143	−0.060754408	0.5345294820	0.008735619	0.9288192493	AC005300.1
ENSG00000236345	2.443960e+00	0.191263886	1.891815e−02	0.129767604	0.109654785	0.025641406	0.7507129403	0.206446430	0.0110542647	AL354719.2
ENSG00000236383	1.953015e+02	0.184901720	1.204337e−01	0.056377722	0.636321614	0.234606080	0.0489600715	0.166729717	0.1621283527	LINC00854
ENSG00000236439	2.826622e+03	−0.185990756	1.647034e−02	−0.056783801	0.467387132	−0.095684576	0.2208069748	−0.200950757	0.0108855170	AC099336.2
ENSG00000236440	1.397353e+00	−0.064933906	3.546345e−01	0.158607771	0.025015101	0.004676702	0.9468649485	0.094650287	0.1790094046	AC117947.1
ENSG00000236449	5.693129e+00	0.046223515	6.868498e−01	0.229054109	0.045986431	0.228154254	0.0466393313	0.004493025	0.9684644524	AC010894.3
ENSG00000236467	1.323205e+01	0.129647656	2.169658e−01	0.239556485	0.022262967	0.206472995	0.0486665280	0.167567411	0.1081917962	KCNMA1−AS1
ENSG00000236480	1.815928e+01	−0.047528771	7.184003e−01	−0.104350261	0.427210159	−0.312201304	0.0175465696	−0.022915157	0.8610396570	PKMP1
ENSG00000236512	2.870332e+00	−0.119275593	1.608121e−01	−0.137657769	0.104737050	−0.022170156	0.7943474666	−0.178864977	0.0342960834	AL390026.1
ENSG00000236525	7.565371e+00	0.015076458	8.871214e−01	0.115015728	0.278239471	0.226440979	0.0329944388	0.160037012	0.1301210048	AC007278.2
ENSG00000236539	1.138117e+00	0.012637244	8.389043e−01	−0.012234452	0.843596305	0.161603661	0.0095704096	0.084858722	0.1728044900	HNRNPA1P54
ENSG00000236552	3.372846e+04	−0.169887815	3.328286e−04	−0.084787630	0.076541311	−0.146896209	0.0021529498	−0.167583481	0.0005539598	RPL13AP5
ENSG00000236565	4.652918e+02	0.068119905	2.865597e−01	0.120346567	0.061646100	0.042495530	0.5104847893	0.161005038	0.0135093147	HNRNPA3P5
ENSG00000236570	2.356080e+01	0.169230787	1.971208e−01	0.257874489	0.048715266	0.219813701	0.0930441149	0.338539956	0.0093939107	RAD23BP1
ENSG00000236617	2.449359e+00	−0.093531414	3.110551e−01	−0.077385322	0.401629352	−0.116341819	0.2058697808	−0.199553156	0.0289455417	AC127070.2
ENSG00000236710	1.431204e+01	0.236906452	4.478817e−02	0.143109679	0.223244220	0.050285270	0.6682429170	0.232988301	0.0466265629	AC108448.2
ENSG00000236732	6.717662e+00	0.160082107	1.464586e−01	0.173766849	0.114069991	0.389969386	0.0004090259	−0.019159402	0.8603876339	AC094019.1
ENSG00000236735	1.165339e+01	−0.386339787	2.991312e−03	0.025140251	0.846845980	−0.111323314	0.3917758855	−0.002813429	0.9826674418	RPL31P63
ENSG00000236753	2.533901e+01	−0.260069290	4.829781e−02	0.054164779	0.679976526	−0.164089878	0.2112712424	−0.130850996	0.3168349731	MKLN1−AS
ENSG00000236756	1.015658e+00	0.108148909	7.148925e−02	0.156349774	0.009280919	0.072165769	0.2273175946	0.042562637	0.4756977924	DNAJC9−AS1
ENSG00000236762	2.130621e+01	−0.291705696	2.081113e−02	−0.258599918	0.040089595	−0.275039175	0.0291931437	−0.308937966	0.0141224972	RPL19P16
ENSG00000236772	8.701361e+00	0.465266077	7.981099e−05	0.228140720	0.051395474	0.311410131	0.0078772362	0.126085968	0.2782126260	AL034550.1
ENSG00000236778	5.352647e+01	−0.156114631	1.877845e−01	0.071039267	0.547666795	−0.173988056	0.1428071528	−0.284891921	0.0166395947	INTS6−AS1
ENSG00000236801	1.640826e+03	−0.196109524	6.730909e−04	−0.081435431	0.161806357	−0.147301178	0.0114638721	−0.228261545	0.0001094795	RPL24P8
ENSG00000236806	9.722030e−01	−0.004529452	9.419194e−01	0.125007139	0.045576519	0.116480548	0.0618599002	0.065421921	0.2932277254	AC242426.2
ENSG00000236809	9.226321e−01	0.123775230	3.871413e−02	0.035923639	0.546614035	0.099572133	0.0951222881	0.037820683	0.5249283420	SNX25P1
ENSG00000236811	5.341104e+00	0.059929166	5.341439e−01	0.141819913	0.140719721	0.193509286	0.0444827185	0.213801937	0.0262184882	GAPDHP2
ENSG00000236829	8.982454e+00	−0.156383669	2.084519e−01	−0.273043763	0.027153194	−0.104819457	0.3973597320	−0.244463172	0.0471139000	Z97634.1
ENSG00000236901	4.636871e+01	0.367101988	5.340982e−03	0.305331525	0.020080768	0.395354395	0.0026107664	0.326719968	0.0124920375	MIR600HG
ENSG00000236908	1.458604e+01	−0.025380804	8.174834e−01	−0.058288208	0.594946143	0.030885523	0.7782511929	−0.273131596	0.0120952323	AC005865.1
ENSG00000236991	3.575890e+01	0.229514405	3.381735e−02	−0.071773306	0.514981624	0.309509955	0.0043186809	−0.015687684	0.8864256320	EDRF1−AS1
ENSG00000236992	1.877875e+01	−0.011132212	9.326103e−01	0.111570039	0.395233031	0.235214712	0.0731249673	0.261360560	0.0455561380	RPL12P12
ENSG00000237065	1.643079e+01	0.156715644	2.141492e−01	0.140587017	0.263105209	0.265285599	0.0348357253	0.037130067	0.7663674448	NANOGP4
ENSG00000237264	2.031553e+03	−0.004625706	9.473363e−01	0.023867259	0.735469203	−0.103902727	0.1416223446	−0.194718468	0.0064407426	FTH1P11
ENSG00000237298	2.063633e+02	0.349250626	1.759060e−03	0.153729870	0.170052876	0.304579983	0.0065198483	−0.032879388	0.7701034858	TTN−AS1
ENSG00000237301	7.568803e−01	0.025626176	6.003180e−01	0.021397805	0.661391582	0.106332762	0.0298142433	0.084968437	0.0828674370	AL121992.1
ENSG00000237330	7.186041e−01	0.175656225	3.777090e−03	0.059479139	0.323139485	0.012835260	0.8302427768	0.022713847	0.7046133485	RNF223
ENSG00000237349	1.588324e+00	0.096491387	1.880065e−01	0.089753669	0.220249078	0.179201031	0.0145849068	0.010580106	0.8843379807	BX679664.2
ENSG00000237461	6.575638e+00	0.065201618	5.656570e−01	0.020195612	0.858256745	−0.145045648	0.1976354413	−0.258453954	0.0207601579	AL359710.1
ENSG00000237481	1.938187e+00	0.167947473	4.851258e−02	0.111696799	0.187214655	0.023126014	0.7835572564	0.104004991	0.2188397692	AL117350.1
ENSG00000237484	5.423827e+01	−0.025801333	8.426409e−01	0.278050773	0.031837646	0.061215986	0.6368369058	0.082053779	0.5258349396	LINC01684
ENSG00000237489	7.236933e+01	−0.142655384	1.828156e−01	−0.169395046	0.114989146	−0.243226646	0.0240404272	−0.264647618	0.0143845183	LINC00959
ENSG00000237548	4.277848e−01	−0.060020878	7.962913e−02	−0.064249796	0.060514136	−0.067699654	0.0479495875	−0.039582192	0.2473090367	TTLL11−IT1
ENSG00000237550	1.253294e+04	−0.302048721	3.246351e−03	−0.109895703	0.286093561	−0.034674550	0.7364339820	−0.278449112	0.0071546668	RPL9P9
ENSG00000237576	5.943513e+00	0.231331312	3.168020e−02	0.134882831	0.207682532	0.112182428	0.2939729502	0.312404891	0.0035411404	LINC01888
ENSG00000237633	8.078733e−01	0.019665513	7.047150e−01	0.119560500	0.021654803	0.015475294	0.7649240757	0.056978883	0.2724030735	AC104623.1
ENSG00000237649	1.045303e+02	0.478923467	2.643729e−04	0.312543029	0.017008901	0.366598462	0.0051212527	−0.048695635	0.7092163617	KIFC1
ENSG00000237669	5.083278e+01	−0.134122387	2.816967e−01	−0.321839255	0.009492225	−0.078614818	0.5265922962	−0.347053467	0.0049213589	AL671277.2
ENSG00000237686	5.440109e+00	0.155223264	1.475827e−01	0.227284071	0.033643547	0.095838192	0.3684287613	0.106439719	0.3169086149	AL109615.3
ENSG00000237701	6.684899e−01	−0.094123265	5.360336e−02	−0.050023570	0.305860215	−0.065025489	0.1821307007	−0.100547156	0.0388673927	ATP5JP1
ENSG00000237718	1.503946e+01	−0.090618087	4.835286e−01	−0.292537947	0.022993922	−0.103100333	0.4235390420	−0.001609302	0.9899930463	AC009095.1
ENSG00000237738	1.450222e+00	−0.090349311	2.591781e−01	−0.124345455	0.119436200	−0.105712860	0.1850808835	−0.202991086	0.0104115469	RNF216−IT1
ENSG00000237803	2.329555e+00	−0.119100098	1.000844e−01	−0.110076972	0.128084622	−0.167893580	0.0199431684	−0.094224573	0.1921532668	LINC00211
ENSG00000237821	1.511101e+02	−0.120911147	1.872177e−01	−0.070410646	0.444498257	−0.169106729	0.0672184911	−0.237804724	0.0106482878	AC083873.1
ENSG00000237854	1.376940e+02	−0.111223747	2.276300e−01	−0.185680235	0.045582534	−0.163772241	0.0779817007	−0.143397870	0.1248101191	LINC00674
ENSG00000237883	3.478642e+01	0.194456839	1.155403e−01	0.095117341	0.442199802	0.375412951	0.0023216808	0.115463891	0.3501900303	DGUOK−AS1
ENSG00000237917	4.756776e+00	−0.157052194	4.643239e−02	−0.108337592	0.169134307	−0.171107903	0.0296085882	−0.216141149	0.0058777390	PARP4P1
ENSG00000237927	1.077439e+00	0.044005055	4.613474e−01	0.026024047	0.662492189	0.138098873	0.0209297302	0.073084596	0.2209626533	AL078604.2
ENSG00000237938	9.189100e+01	0.223017996	5.451574e−02	0.243497469	0.035966432	0.140274109	0.2277443714	0.064598248	0.5795407518	AL450998.3
ENSG00000237940	4.508972e+01	0.455131265	2.891542e−04	0.135157770	0.279458271	0.146240626	0.2418682909	0.164987050	0.1846145205	LINC01238
ENSG00000237973	3.729260e+03	0.302015697	2.143245e−02	0.028695560	0.826551568	0.167034436	0.2021252650	−0.169607275	0.1937999754	MTCO1P12
ENSG00000237976	9.950072e+01	−0.244464062	1.319133e−02	0.020441968	0.835450235	−0.081553948	0.4090775513	−0.287149865	0.0039603526	AL391069.3
ENSG00000237991	1.366726e+02	−0.200644860	6.999815e−02	−0.107262001	0.333232604	−0.244378036	0.0278075162	0.026606429	0.8107034608	RPL35P1
ENSG00000238000	7.232345e+02	0.271849180	3.917180e−02	0.227244048	0.083699049	0.196985608	0.1337924435	0.126965342	0.3318653113	AC116347.1
ENSG00000238005	2.442284e+01	0.141985239	2.807647e−01	0.322212479	0.014065930	0.208293219	0.1123386919	0.091711647	0.4825773511	AL391832.2
ENSG00000238018	1.494721e+01	−0.141325887	2.836878e−01	0.015265485	0.907551382	0.305186290	0.0202530270	0.307531292	0.0188068801	AC093110.1
ENSG00000238072	1.376655e+02	−0.087431282	3.365331e−01	0.105363506	0.246868933	0.230559224	0.0110910642	0.160626478	0.0792054241	AC009244.1
ENSG00000238103	2.013362e+01	−0.213648836	1.051368e−01	−0.296876760	0.023915051	−0.288162771	0.0283653231	−0.071908637	0.5828156600	RPL9P7
ENSG00000238160	1.958380e+00	0.031700366	7.114480e−01	−0.014794814	0.862417075	0.172957783	0.0441765026	0.053246212	0.5328184963	AC116366.2
ENSG00000238184	2.188866e+01	0.084496647	5.216019e−01	−0.124433718	0.343620418	−0.057488519	0.6617342999	−0.286771448	0.0283682192	CD81−AS1
ENSG00000238193	9.285044e+00	−0.269694597	2.396679e−02	−0.175927144	0.139904149	−0.208807031	0.0794207300	−0.282981750	0.0169323461	AC112656.1
ENSG00000238201	9.423759e−01	−0.087849647	2.569357e−02	−0.090903864	0.020925662	−0.080528224	0.0406576397	−0.073278030	0.0626200195	AC114752.2
ENSG00000238247	6.525477e−01	−0.073395034	2.165089e−01	−0.121727654	0.039477741	−0.071747870	0.2251947687	−0.102213068	0.0844249934	AC006210.2
ENSG00000238251	6.964006e+01	−0.254568777	4.828385e−02	−0.147541693	0.250697755	−0.117064977	0.3620847655	−0.160665375	0.2087801906	AL133477.1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000238279	13.1859381	0.376644507	3.777224e−03	0.096702004	4.549635e−01	0.0154945482	9.046150e−01	−0.039309542	7.596247e−01	BX470102.1
ENSG00000238287	5.2855898	0.090658094	4.011623e−01	0.280218165	9.581186e−03	−0.0050059327	9.627936e−01	−0.043420688	6.843490e−01	AL603839.3
ENSG00000238364	3.7139117	0.238666773	2.001602e−02	−0.034307849	7.350029e−01	0.2060115315	4.352281e−02	0.105689851	2.978975e−01	RNU7−140P
ENSG00000238390	2.0782262	−0.068098084	3.861807e−01	0.042085399	5.930035e−01	0.0084424517	9.143781e−01	0.180124587	2.269223e−02	SNORA81
ENSG00000238423	1.9375795	−0.152533807	3.965108e−02	−0.072686276	3.277356e−01	−0.0574587696	4.387471e−01	−0.019779774	7.898274e−01	SNORD42B
ENSG00000238553	0.9509690	0.057101906	2.596070e−01	0.125919184	1.308005e−02	0.0081913935	8.710725e−01	0.015663770	7.564406e−01	NA
ENSG00000238711	1.5409715	0.033563228	6.434852e−01	0.250497989	6.101581e−04	0.0292720339	6.855370e−01	0.080864126	2.641739e−01	RNY4P25
ENSG00000238997	1.9703840	−0.254539386	9.508328e−03	−0.176188892	7.331886e−02	−0.0950972073	3.349029e−01	−0.205637496	3.572041e−02	NA
ENSG00000239043	1.4819154	−0.023151255	7.805001e−01	0.035607538	6.687142e−01	0.1803010307	3.124938e−02	0.041775822	6.150418e−01	SNORD127
ENSG00000239152	1.4731309	−0.011957256	8.832229e−01	0.176286099	3.170202e−02	0.0466618565	5.660502e−01	0.073015786	3.705152e−01	RNA5SP310
ENSG00000239207	1.4557404	0.063748038	3.260117e−01	0.010493469	8.710418e−01	0.0860501837	1.837240e−01	0.165864097	1.078229e−02	GAPDHP39
ENSG00000239215	1.1798551	−0.181456153	8.285636e−03	−0.176330667	1.026411e−02	−0.1117475681	1.042377e−01	−0.176040270	1.020881e−02	AC117503.1
ENSG00000239246	199.3357796	−0.111424977	2.277727e−01	0.010874648	9.066356e−01	0.0745002502	4.215004e−01	−0.225030168	1.633619e−02	AC008026.1
ENSG00000239254	1.8031733	−0.044577302	5.817072e−01	0.066335737	4.140306e−01	0.2705712328	9.426227e−04	0.102917095	2.048135e−01	AC009220.2
ENSG00000239264	209.2104037	0.086245118	4.268852e−01	−0.005148523	9.623097e−01	0.1851669852	8.881183e−02	0.219140285	4.462487e−02	TXNDC5
ENSG00000239272	6.3611861	0.027203957	7.947929e−01	−0.029510972	7.769489e−01	0.2262351781	3.058857e−02	0.182878506	7.921159e−02	RPL21P10
ENSG00000239282	50.8282393	−0.115843992	3.271351e−01	0.095781915	4.160645e−01	−0.0061320288	9.585817e−01	−0.288980452	1.508588e−02	CASTOR1
ENSG00000239305	717.3819372	0.116864336	5.538939e−02	0.057295244	3.528848e−01	0.1343302892	2.929856e−02	−0.189595976	2.485140e−03	RNF103
ENSG00000239306	1632.7123442	0.061604789	4.313781e−01	0.024737856	7.538860e−01	0.1000120279	2.049070e−01	0.224850558	4.738343e−03	RBM14
ENSG00000239344	32.7392157	−0.327451214	8.465188e−03	−0.374229158	2.631549e−03	−0.3445161560	5.631274e−03	−0.181702451	1.423410e−01	AC090686.1
ENSG00000239350	1.8108588	0.145246342	7.577509e−02	0.072023566	3.762340e−01	0.1938842608	1.763200e−02	0.007318508	9.279526e−01	AC105265.1
ENSG00000239373	0.6313797	−0.111809848	1.468775e−02	−0.118463744	9.684725e−03	−0.1005122169	2.803104e−02	−0.094258960	3.962278e−02	NA
ENSG00000239453	0.7199682	0.058421732	2.955526e−01	0.027133700	6.260939e−01	0.0195225804	7.252335e−01	0.128972179	2.129087e−02	SIDT1−AS1
ENSG00000239474	0.5058022	0.010570378	7.330293e−01	0.010549358	7.334998e−01	0.0006498446	9.832568e−01	0.061999964	4.541815e−02	KLHL41
ENSG00000239486	5.5508448	0.096708429	3.951446e−01	0.105971927	3.497473e−01	0.2868331727	1.167121e−02	0.212155625	6.093884e−02	AC091390.3
ENSG00000239556	19.0044854	−0.162015472	2.191745e−01	−0.060123966	6.473803e−01	−0.3719204733	4.651243e−03	−0.049175757	7.071757e−01	AC004951.2
ENSG00000239559	642.7396415	−0.260853405	5.534198e−03	−0.120599825	2.017664e−01	−0.1419611865	1.330530e−01	−0.391011215	4.020217e−05	AP003385.3
ENSG00000239569	109.6543535	0.006887286	9.532048e−01	−0.031174487	7.907732e−01	−0.1957939932	9.628614e−02	−0.289425073	1.416381e−02	KMT2E−AS1
ENSG00000239570	0.9881731	−0.096049718	1.637888e−01	−0.141861646	3.881530e−02	−0.0672709298	3.282249e−01	−0.043792658	5.261317e−01	SETP11
ENSG00000239665	270.1830454	0.082388099	3.168256e−01	0.058453190	4.808973e−01	0.2871823190	5.096826e−04	0.109728609	1.892270e−01	AL157392.3
ENSG00000239672	524.6558794	−0.174596702	2.163111e−02	−0.093942481	2.197181e−01	−0.1304163346	8.874216e−02	−0.138778694	7.276928e−02	NME1
ENSG00000239704	8.3454745	0.136014615	2.497402e−01	0.199273843	9.091491e−02	0.2648930708	2.468389e−02	0.087729035	4.537694e−01	CDRT4
ENSG00000239713	1200.1631968	0.064730097	3.789925e−01	0.074256039	3.167074e−01	0.1120105408	1.309670e−01	0.277115747	2.150118e−04	APOBEC3G
ENSG00000239789	191.8184273	−0.116694468	2.101269e−01	0.010205620	9.130460e−01	−0.0785454132	4.017596e−01	−0.231388981	1.424842e−02	MRPS17
ENSG00000239828	0.4972629	0.027605548	5.749651e−01	0.118864472	1.602529e−02	0.0459291810	3.501101e−01	0.069767892	1.559280e−01	AC063944.1
ENSG00000239855	14.1571648	0.098868030	6.949164e−02	0.018534088	7.333531e−01	0.0529492577	3.304261e−01	0.121306676	2.564347e−02	IGKV1−6
ENSG00000239884	17.3794556	0.372768279	3.117672e−03	0.104897572	4.028477e−01	0.1450050682	2.475203e−01	0.126144388	3.120260e−01	RN7SL608P
ENSG00000239951	153.3228138	0.035824490	7.158200e−01	−0.069287831	4.801076e−01	0.0589023293	5.483422e−01	0.204360294	3.665767e−02	IGKV3−20
ENSG00000239998	4085.0239124	−0.185898656	4.084038e−03	−0.006564114	9.199464e−01	−0.2199269997	7.655955e−04	0.057120425	3.872748e−01	LILRA2
ENSG00000240036	168.0049639	−0.185835975	4.701392e−02	−0.064314927	4.932367e−01	0.0239904990	7.980834e−01	−0.203198197	3.187044e−02	AC104563.1
ENSG00000240038	247.5615160	0.230407022	3.375604e−02	0.209647308	5.418962e−02	0.2199390913	4.344313e−02	0.080579646	4.609833e−01	AMY2B
ENSG00000240167	0.6367006	0.015548768	6.672144e−01	0.072559674	4.507825e−02	0.0013198703	9.708383e−01	0.017280887	6.324880e−01	RPS7P7
ENSG00000240211	10.0850757	0.277084237	2.419188e−02	0.317787548	9.536709e−03	0.2055094208	9.299748e−02	0.124987774	3.037950e−01	AC092849.1
ENSG00000240216	0.5796687	0.026287078	5.531999e−01	0.049579551	2.637521e−01	0.0906012700	4.116227e−02	0.019914827	6.528211e−01	CPHL1P
ENSG00000240219	112.1672637	0.334286480	6.429149e−03	0.324053743	8.254161e−03	0.2536461424	3.880654e−02	0.351990120	4.104339e−03	AL512306.2
ENSG00000240225	181.5557397	−0.219110374	3.707347e−02	0.115454562	2.717505e−01	−0.1763829477	9.433335e−02	−0.250338400	1.814016e−02	ZNF542P
ENSG00000240233	1.7493421	0.069910963	3.067917e−01	0.167896594	1.430967e−02	0.0505187303	4.588070e−01	0.084805661	2.139186e−01	RN7SL587P
ENSG00000240291	45.3224137	0.122469420	3.468943e−01	−0.168241815	1.958769e−01	0.2596548907	4.557490e−02	0.140113943	2.794934e−01	AL450384.2
ENSG00000240344	684.6343264	−0.297392305	2.120091e−03	−0.284371433	3.454459e−03	−0.1978297174	4.188425e−02	−0.031828927	7.446886e−01	PPIL3
ENSG00000240370	62.2655307	−0.103584876	3.312182e−01	−0.243815295	2.311194e−02	−0.1960641741	6.767392e−02	−0.149174408	1.653506e−01	RPL13P5
ENSG00000240371	178.6554944	−0.324533745	1.272395e−02	−0.098854102	4.463038e−01	0.0138826604	9.148280e−01	−0.314004198	1.506678e−02	RPS4XP13
ENSG00000240373	9.7944282	−0.047830632	7.126391e−01	−0.306203811	1.754055e−02	0.1581865173	2.221268e−01	0.120751227	3.492872e−01	SEC62−AS1
ENSG00000240376	1166.7302262	−0.186466177	2.356119e−02	−0.063831037	4.413284e−01	−0.1108178366	1.814866e−01	−0.186363144	2.592548e−02	AC010343.1
ENSG00000240382	17.7165375	0.053777993	4.316861e−01	0.113173680	9.757689e−02	0.1397323102	4.079683e−02	0.196095713	4.039237e−03	IGKV1−17
ENSG00000240401	86.5611952	−0.186204303	1.318418e−01	−0.233761846	5.850883e−02	−0.1021839647	4.079417e−01	−0.299497700	1.536665e−02	AC012358.3
ENSG00000240429	60.2494320	0.066515550	6.109166e−01	−0.240213071	6.569811e−02	−0.3258655243	1.256136e−02	0.017589576	8.924289e−01	LRRFIP1P1
ENSG00000240441	2.2722358	0.213464971	1.314026e−02	0.011938637	8.886750e−01	0.0126284143	8.821065e−01	0.001279277	9.879835e−01	AC007622.1
ENSG00000240498	1.0528465	0.046384563	4.256109e−01	0.139219328	1.711594e−02	0.0629432757	2.788513e−01	0.052125769	3.697057e−01	CDKN2B−AS1
ENSG00000240505	22.0733206	0.133594813	1.896202e−01	0.178906030	7.817902e−02	0.1955738933	5.414318e−02	0.210538471	3.752175e−02	TNFRSF13B
ENSG00000240509	1628.3070370	−0.256414200	5.170939e−05	−0.132534192	3.807260e−02	−0.0755381083	2.371020e−01	−0.253678045	8.834131e−05	RPL34P18
ENSG00000240522	25.2816670	−0.135560273	2.471262e−01	0.151121769	1.962180e−01	0.2341758901	4.525991e−02	−0.086490576	4.566546e−01	RPL7AP10
ENSG00000240589	1.7756429	0.175839070	7.137930e−03	0.086989667	1.817707e−01	0.0909131116	1.624011e−01	0.001637854	9.798366e−01	RN7SL258P
ENSG00000240671	2.1382939	0.106788783	1.321676e−01	0.039945502	5.722103e−01	0.2262970029	1.443264e−03	0.107979640	1.264521e−01	IGKV1−8
ENSG00000240729	12.2274998	0.331197491	6.499367e−03	0.063251297	6.008344e−01	0.2328597100	5.446427e−02	0.195456046	1.046403e−01	AC146507.2
ENSG00000240747	1.7872537	−0.130760011	4.791549e−02	−0.092733463	1.604792e−01	−0.1056031349	1.094187e−01	−0.155258100	1.851064e−02	KRBOX1
ENSG00000240791	2.8002942	0.094023515	2.795828e−01	0.070405360	4.164833e−01	0.1821960734	3.593241e−02	0.123879496	1.530405e−01	MTND4LP7
ENSG00000240857	304.7297487	−0.056344033	5.122938e−01	−0.009564429	9.119620e−01	0.1097759260	2.038806e−01	0.195798177	2.427805e−02	RDH14
ENSG00000240864	22.4835027	0.061806673	3.980064e−01	0.073999514	3.108040e−01	0.1253961553	8.590065e−02	0.254946393	4.707118e−04	IGKV1−16
ENSG00000240882	1.5273038	−0.102519347	1.321696e−01	−0.150175501	2.702441e−02	−0.1100163855	1.052708e−01	−0.122591480	7.067173e−02	AC063952.2
ENSG00000240891	75.5825238	−0.046465301	7.072336e−01	−0.229536850	6.386947e−02	0.0684232312	5.799096e−01	−0.268422416	3.014247e−02	PLCXD2
ENSG00000240914	37.6077813	−0.228760618	5.671676e−02	−0.257478042	3.220486e−02	−0.0329552756	7.830900e−01	−0.112768159	3.465271e−01	AL121612.1
ENSG00000241061	780.8991595	−0.178560703	2.198393e−02	−0.063882431	4.156381e−01	−0.1003864458	2.011218e−01	−0.061725805	4.359762e−01	RPL5P1
ENSG00000241081	1979.1024596	−0.227414276	7.529237e−04	−0.057295648	3.997924e−01	−0.0849751896	2.118989e−01	−0.188709102	6.133143e−03	AF111169.1
ENSG00000241095	27.7967660	0.242517803	6.570696e−02	0.197715761	1.322222e−01	0.2067482030	1.154375e−01	0.268112849	4.036879e−02	CYP51A1P1
ENSG00000241157	0.9427402	−0.137163221	2.364678e−02	−0.072715531	2.315630e−01	−0.0931164437	1.244341e−01	−0.041791191	4.914401e−01	AC104763.1
ENSG00000241163	725.4779065	−0.079932244	3.931651e−01	−0.011763184	9.005005e−01	−0.0269520589	7.745732e−01	−0.263428017	5.479313e−03	LINC00877
ENSG00000241244	2.5458543	0.052568315	3.502846e−01	0.078111012	1.650142e−01	0.1174720903	3.679381e−02	0.052778349	3.472995e−01	IGKV1D−16
ENSG00000241282	135.4066238	−0.220917573	2.964463e−02	−0.082202373	4.189944e−01	−0.1087071627	2.857516e−01	−0.132318288	1.960586e−01	RPL34P33
ENSG00000241293	6.5548648	0.045061898	6.432727e−01	0.081115477	4.036796e−01	0.3036540932	1.830662e−03	0.164639165	8.925980e−02	PPATP1
ENSG00000241294	16.6454810	0.087126585	2.240316e−01	0.023975071	7.374595e−01	0.2880959653	5.709186e−05	0.124361962	8.167434e−02	IGKV2−24
ENSG00000241351	96.4016180	0.070366679	4.853039e−01	0.109175400	2.775941e−01	0.1283668045	2.017331e−01	0.234373061	1.933605e−02	IGKV3−11
ENSG00000241360	195.0588828	−0.156605054	1.525272e−01	−0.213834332	5.155020e−02	−0.1440347053	1.896158e−01	−0.363901702	9.664736e−04	PDXP
ENSG00000241468	2040.8157471	−0.128068428	4.757073e−03	−0.027913979	5.424229e−01	−0.0552357521	2.284403e−01	−0.070855888	1.273975e−01	ATP5J2
ENSG00000241478	18.6841765	−0.012773817	9.183597e−01	−0.100096022	4.198501e−01	−0.1341331136	2.794324e−01	−0.273150431	2.673355e−02	HSPA8P9
ENSG00000241506	1270.5411546	0.067048837	2.039717e−01	0.106848025	4.502363e−02	−0.0152914878	7.747147e−01	0.097229976	7.191472e−02	PSMC1P1
ENSG00000241553	5816.2437082	−0.097249282	3.436856e−02	−0.019771093	6.704822e−01	−0.0587150664	2.065310e−01	0.045550554	3.334945e−01	ARPC4
ENSG00000241612	4.7064330	0.072513891	5.374397e−01	−0.041942516	7.195635e−01	−0.0205912705	8.600078e−01	−0.232426033	4.423424e−02	AC114728.1
ENSG00000241651	1.6307332	−0.135991177	1.163905e−01	−0.205710491	1.688314e−02	−0.0266482475	7.588033e−01	−0.017617304	8.391833e−01	AC099340.1
ENSG00000241735	0.7653072	0.002777810	9.656194e−01	0.052616961	4.155450e−01	0.1421802882	2.832881e−02	−0.028825374	6.531589e−01	FABP5P3
ENSG00000241741	1399.8270815	−0.256235205	1.502233e−05	−0.096082988	1.075502e−01	−0.1326111329	2.645326e−02	−0.188840226	1.795084e−03	RPL7AP30
ENSG00000241764	43.1202652	0.007198015	9.562452e−01	0.302355223	2.076452e−02	0.1027022468	4.324928e−01	0.285904974	2.828309e−02	AC002467.1
ENSG00000241837	2122.7202310	−0.111250468	1.134811e−02	0.032213933	4.677662e−01	−0.0740774933	9.558550e−02	−0.038566414	3.916600e−01	ATP5O
ENSG00000241859	15.2794554	0.024816109	8.331084e−01	−0.536303185	1.801319e−06	−0.5429878229	1.257690e−06	0.261753603	2.775496e−02	ANOS2P
ENSG00000241878	1851.9961063	0.065431488	3.034981e−01	0.129338039	4.385947e−02	0.0308932043	6.305223e−01	0.201665020	1.887922e−03	PISD
ENSG00000241886	14.6863005	0.132420316	2.898704e−01	0.262613367	3.533380e−02	0.2443785491	5.006512e−02	0.256537617	3.882956e−02	AC112496.1
ENSG00000241923	11.7133348	−0.391727025	2.877459e−03	−0.293423697	2.511347e−02	−0.2201735057	9.291288e−02	−0.097726438	4.542686e−01	RPL14P3
ENSG00000241932	2.8604176	−0.146854140	1.126834e−01	0.043427202	6.403403e−01	−0.2033915147	2.702878e−02	−0.123021732	1.822972e−01	AC092324.1
ENSG00000241939	1.9954543	0.125113084	1.104338e−01	0.001575059	9.838674e−01	0.1559953793	4.615950e−02	0.066382867	3.941107e−01	RN7SL517P
ENSG00000241978	105.8496727	0.048412505	6.928779e−01	−0.223833637	6.825400e−02	−0.0170104652	8.896772e−01	−0.282846907	2.127630e−02	AKAP2
ENSG00000241990	50.2933130	−0.225506870	5.720508e−02	−0.205924957	8.271614e−02	−0.1464113070	2.171513e−01	−0.285106076	1.640542e−02	PRR34−AS1
ENSG00000242028	218.2472354	0.102392444	2.360436e−01	0.178306452	4.014067e−02	0.0275611427	7.520196e−01	0.051966047	5.536223e−01	HYPK
ENSG00000242049	1.8737849	−0.235752522	8.306848e−03	−0.136449376	1.281232e−01	−0.1245923017	1.641454e−01	−0.289168345	1.098243e−03	DNAJB8−AS1
ENSG00000242071	8762.7046904	−0.179857453	5.686844e−05	−0.044458531	3.250158e−01	−0.1031099456	2.249287e−02	−0.185889047	4.974074e−05	RPL7AP6
ENSG00000242088	55.6593116	−0.156501928	2.157798e−01	−0.274411523	2.994736e−02	−0.2369207137	6.090607e−02	0.062506887	6.196984e−01	AC090602.1
ENSG00000242094	6.3203752	0.133760043	2.090083e−01	0.102850012	3.322791e−01	0.2131747388	4.478307e−02	0.011726936	9.114562e−01	FOXP1−IT1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000242114	4.534849e+01	−0.138287028	2.530051e−01	−0.3117634608	1.020938e−02	−0.130204451	0.282199455	−0.257159445	3.390250e−02	MTFP1
ENSG00000242175	7.794897e+00	0.107608430	3.545872e−01	0.0265042980	8.185846e−01	0.238477229	0.039682666	0.168383398	1.449373e−01	RN7SL127P
ENSG00000242220	6.908261e+00	0.223560103	7.151451e−02	0.0962958043	4.346028e−01	0.186347092	0.130941152	0.259789288	3.477227e−02	TCP10L
ENSG00000242265	6.861404e+00	0.054546979	5.288355e−01	0.0004702426	9.956554e−01	0.044807640	0.603887436	0.227251951	8.517493e−03	PEG10
ENSG00000242282	1.932303e+01	−0.217418469	9.721198e−02	−0.1189518590	3.626292e−01	−0.119298369	0.361160358	−0.274933979	3.444995e−02	AC108488.1
ENSG00000242294	2.570100e+02	0.229122638	3.791263e−02	0.1147801193	2.998525e−01	0.129569385	0.241936146	−0.029175557	7.930086e−01	STAG3L5P
ENSG00000242299	1.203049e+04	−0.137564379	4.353191e−02	−0.0195154681	7.765513e−01	−0.054639026	0.426859467	−0.143008461	3.970850e−02	AC073861.1
ENSG00000242338	4.240642e+01	−0.044140303	6.995539e−01	−0.1290105827	2.610892e−01	−0.149119102	0.194704215	−0.311731163	7.023975e−03	BMS1P4
ENSG00000242352	4.364609e+01	0.325226243	1.015999e−02	−0.0167887049	8.946391e−01	0.080772793	0.523782660	0.120868784	3.393085e−01	FAM91A3P
ENSG00000242411	6.676347e+00	−0.041069971	7.407423e−01	−0.2455367319	4.601106e−02	−0.056596430	0.646713983	0.034443653	7.799567e−01	AC011506.1
ENSG00000242445	9.132400e+01	−0.300472973	3.986209e−03	−0.3269234928	1.814084e−03	−0.320931352	0.002217581	−0.303460539	3.899418e−03	RPL7AP11
ENSG00000242477	1.254100e+02	−0.271014662	7.987604e−03	−0.0431974512	6.721386e−01	−0.070301586	0.491515297	−0.035966733	7.260120e−01	AC091429.1
ENSG00000242485	1.352876e+03	−0.104216976	4.005435e−02	0.0211746751	6.792905e−01	0.021666212	0.672445829	−0.002442317	9.624755e−01	MRPL20
ENSG00000242498	2.951150e+03	−0.295972762	1.355261e−02	−0.3456477091	3.956883e−03	−0.221772122	0.064471371	−0.271788152	2.355744e−02	ARPIN
ENSG00000242516	3.128256e+00	−0.133167406	1.124168e−01	−0.0592773905	4.798888e−01	−0.194929316	0.019567646	−0.142227265	8.848080e−02	LINC00960
ENSG00000242534	9.218913e−01	0.070198121	1.259908e−01	0.0172285335	7.067234e−01	0.101926836	0.026206818	0.043124905	3.462282e−01	IGKV2D−28
ENSG00000242550	1.691272e+00	0.036585060	4.707872e−01	0.0355287490	4.834138e−01	0.089077027	0.078983294	0.114432454	2.404953e−02	SERPINB10
ENSG00000242574	2.555882e+04	0.048322064	4.618740e−01	0.0653485304	3.242324e−01	0.044184202	0.505083283	−0.146480222	2.892797e−02	HLA−DMB
ENSG00000242612	2.864749e+02	0.205349610	4.463964e−02	0.0818554449	4.258524e−01	0.059298598	0.564229164	0.044883466	6.638862e−01	DECR2
ENSG00000242615	1.497270e+01	−0.187503601	1.549764e−01	−0.3522289898	7.349840e−03	−0.194331715	0.139237780	−0.167212380	2.013930e−01	AC022415.1
ENSG00000242628	6.716962e+00	0.132993538	2.620421e−01	0.0387842653	7.422776e−01	−0.015992712	0.891910853	0.233738098	4.724172e−02	AC009228.1
ENSG00000242660	3.917043e+00	−0.259941227	1.649251e−02	−0.0226126776	8.357869e−01	−0.052455724	0.629817029	0.048642164	6.547043e−01	AC015911.1
ENSG00000242692	6.168589e+01	−0.324480950	2.562165e−03	−0.4329736324	6.365112e−05	−0.334667613	0.001958202	−0.377543075	4.954726e−04	RPS27AP1
ENSG00000242756	4.874418e+01	0.288502635	1.265277e−02	0.1437058175	2.163090e−01	0.148158968	0.202772430	0.134877318	2.468978e−01	RHOT1P3
ENSG00000242802	2.547627e+03	0.171594745	4.454775e−03	0.0666333860	2.743758e−01	0.056001010	0.358412384	0.110702039	7.277097e−02	AP5Z1
ENSG00000242814	3.000182e+01	−0.284856449	2.693659e−02	−0.2596556134	4.328033e−02	−0.267457061	0.037454787	−0.026452052	8.362523e−01	AC113398.1
ENSG00000242876	1.003830e+00	−0.130366638	5.219553e−02	−0.1176814246	7.968449e−02	−0.077501859	0.248457467	−0.166535844	1.268955e−02	RN7SL812P
ENSG00000242887	4.879339e+00	0.121180422	1.605265e−01	0.1524574862	7.701090e−02	0.120821293	0.160545039	0.217688579	1.145076e−02	IGHJ3
ENSG00000242970	4.899231e+00	0.130510695	2.589974e−01	−0.0010945807	9.923938e−01	0.263201349	0.022771606	0.187984599	1.016401e−01	AC068522.1
ENSG00000243033	7.994274e−01	0.106502946	3.475389e−02	0.0410077382	4.146698e−01	−0.004681487	0.925550929	0.052509795	2.964459e−01	GAPDHP47
ENSG00000243101	1.387287e+00	−0.098125196	1.887538e−01	−0.2087697605	4.885496e−03	−0.078931555	0.289461855	−0.158303865	3.281620e−02	RPS3P7
ENSG00000243147	9.570778e+02	−0.147586329	3.215528e−02	−0.0400991831	5.635983e−01	−0.100891005	0.146604146	−0.075046792	2.851240e−01	MRPL33
ENSG00000243179	7.820055e−01	0.102634581	3.970459e−02	0.0287129072	5.637342e−01	0.024217772	0.625701469	0.090045682	7.056184e−02	AC110769.1
ENSG00000243199	4.198639e+03	−0.185927268	5.216591e−04	−0.1332358360	1.387197e−02	−0.150323727	0.005511823	−0.274857777	5.504992e−07	AC115223.1
ENSG00000243238	1.251872e+01	0.035287001	6.275728e−01	0.0481874960	5.070220e−01	0.183036626	0.011770583	0.089909070	2.148905e−01	IGKV2−30
ENSG00000243264	7.118570e+00	0.001634736	9.827446e−01	−0.0191130520	8.000069e−01	0.146196875	0.052951337	0.180949734	1.643940e−02	IGKV2D−29
ENSG00000243312	3.575119e+00	−0.282496673	1.169656e−02	−0.0215955364	8.482860e−01	−0.132806412	0.236733639	−0.188232020	9.184807e−02	AC093827.1
ENSG00000243313	6.591689e−01	0.017337197	6.883909e−01	0.0952923075	2.790433e−02	0.018591168	0.666676410	−0.004439365	9.180436e−01	RN7SL285P
ENSG00000243317	2.494503e+03	−0.143952921	3.214090e−02	−0.0679682252	3.160032e−01	−0.072621329	0.284095978	−0.093838661	1.709883e−01	C7orf73
ENSG00000243364	1.122022e+02	−0.319772838	8.789000e−04	−0.1653218774	8.536906e−02	−0.080292333	0.402826678	−0.079559192	4.100237e−01	EFNA4
ENSG00000243403	1.834724e+00	0.101302379	2.181785e−01	0.0843504537	3.045624e−01	0.195296092	0.017806779	−0.032687180	6.876267e−01	AC090543.2
ENSG00000243406	5.760613e+01	−0.143984439	2.259538e−01	−0.1863197015	1.176326e−01	−0.142093498	0.232693651	−0.276460175	2.050240e−02	MRPS31P5
ENSG00000243417	6.617764e+00	0.038876356	7.383057e−01	0.1659432008	1.533776e−01	0.042355759	0.714567371	0.236514751	4.136442e−02	AC023424.2
ENSG00000243422	1.172416e+00	0.033762188	5.940899e−01	−0.0364636662	5.628678e−01	0.039484365	0.531654983	0.139020849	2.875995e−02	RPL23AP49
ENSG00000243433	8.498042e+00	0.045465851	7.212065e−01	0.2536689212	4.635490e−02	0.053220661	0.674888174	0.308864902	1.483709e−02	AC010973.1
ENSG00000243466	9.677737e+01	0.121738283	1.356723e−01	0.1167896823	1.514849e−01	0.162198786	0.046374300	0.165710245	4.134293e−02	IGKV1−5
ENSG00000243468	1.123209e+00	−0.036838988	5.962055e−01	0.1760156125	1.222291e−02	−0.027645278	0.690151352	0.055411643	4.263422e−01	INGX
ENSG00000243517	6.367250e+01	−0.323626371	3.143393e−03	−0.2769921678	1.160322e−02	−0.235158853	0.032118098	−0.196619119	7.330727e−02	AC024940.2
ENSG00000243592	3.094051e+00	−0.063758919	4.972211e−01	0.0356919275	7.041550e−01	−0.190936162	0.040360163	−0.092193941	3.232791e−01	AC016638.1
ENSG00000243646	1.405311e+03	0.040457540	6.026923e−01	0.1634912918	3.676808e−02	0.034368413	0.660905654	0.162634282	3.963098e−02	IL10RB
ENSG00000243659	1.445783e+00	0.133040035	8.343081e−02	0.0346999692	6.494358e−01	0.215000984	0.005167779	0.083849218	2.724478e−01	FO393419.3
ENSG00000243678	2.253425e+03	−0.137187062	5.462238e−02	−0.1013893410	1.590188e−01	−0.149247860	0.038219459	−0.083708317	2.498869e−01	NME2
ENSG00000243680	4.033896e+02	−0.267484832	1.606280e−03	−0.1508280045	7.685953e−02	−0.072255878	0.396462875	−0.224080232	9.181999e−03	RPL37P23
ENSG00000243725	4.138318e+01	0.249415688	3.613860e−02	0.1470486107	2.179569e−01	0.149477305	0.210811889	0.120485642	3.135486e−01	TTC4
ENSG00000243753	4.860018e+02	−0.168424667	1.614758e−01	−0.1845970174	1.250512e−01	−0.191752701	0.111104543	−0.445222481	2.197124e−04	HLA−L
ENSG00000243759	1.904791e+02	−0.219382266	8.324620e−03	−0.0495287434	5.523969e−01	−0.135760193	0.104555602	−0.284890711	7.554630e−04	ST13P15
ENSG00000243802	3.754453e+01	−0.196376263	1.009195e−01	−0.3555482378	3.109528e−03	−0.057692239	0.629333819	−0.134969987	2.591632e−01	AC090589.1
ENSG00000243811	6.185033e+01	0.231904901	6.303214e−02	0.1422424916	2.541466e−01	0.267019174	0.032177757	0.250720699	4.423219e−02	APOBEC3D
ENSG00000243988	1.485496e+01	−0.271572653	3.941949e−02	−0.1234875214	3.475403e−01	−0.079677662	0.544442398	−0.178942558	1.716419e−01	AC012181.1
ENSG00000243989	5.097937e+01	−0.259218515	1.576200e−02	0.0361574003	7.344727e−01	−0.159152128	0.138763633	−0.233576817	3.030462e−02	ACY1
ENSG00000244005	3.260907e+02	0.026171451	7.352573e−01	0.1072615983	1.685995e−01	0.111375304	0.153145587	0.164676208	3.594000e−02	NFS1
ENSG00000244038	9.224648e+03	−0.116658816	7.541008e−03	−0.0595926361	1.771430e−01	−0.102587373	0.020193877	−0.029899891	5.042227e−01	DDOST
ENSG00000244052	5.449412e+00	−0.005547793	9.615528e−01	−0.2463978255	3.049075e−02	−0.038703188	0.735154886	−0.082403089	4.699419e−01	RPL5P24
ENSG00000244073	1.174504e+02	−0.197553711	5.679146e−02	−0.0692097292	5.044441e−01	−0.209479944	0.044051198	−0.074882075	4.734807e−01	RPS4XP6
ENSG00000244080	1.380529e+00	0.058244850	3.794276e−01	0.1682988346	1.137814e−02	0.035855646	0.587261771	0.046573860	4.805664e−01	RN7SL833P
ENSG00000244171	4.802506e+02	−0.113195851	1.563712e−01	−0.1051887725	1.909931e−01	−0.026683684	0.739985143	−0.166729231	4.021004e−02	PBX2P1
ENSG00000244184	1.441617e+00	0.097327361	1.295458e−01	0.0311164046	6.265757e−01	0.125842341	0.049552820	0.120892305	5.943163e−02	AC091153.3
ENSG00000244187	4.646715e+02	−0.076558565	2.417314e−01	−0.1089644920	9.880723e−02	−0.184982486	0.005192748	−0.106059825	1.125800e−01	TMEM141
ENSG00000244192	3.252894e+01	−0.266074416	2.322082e−02	−0.2641250669	2.424554e−02	−0.251894721	0.031794994	−0.015131360	8.968029e−01	AC113367.1
ENSG00000244229	4.154405e+00	−0.139207549	2.219417e−01	−0.2350233291	3.781562e−02	−0.020626687	0.856251066	−0.024303570	8.305945e−01	AC027575.1
ENSG00000244265	2.730519e+00	0.084326096	3.946910e−01	0.0144986643	8.831672e−01	0.229108486	0.021156336	0.095538881	3.314283e−01	SIAH2−AS1
ENSG00000244307	2.827460e+00	−0.203838233	1.395203e−02	−0.1426642426	8.532158e−02	−0.193888176	0.019034194	−0.154881348	6.104526e−02	RN7SL395P
ENSG00000244313	1.533119e+04	−0.158405487	4.815764e−03	−0.0933959747	9.993531e−02	−0.116239595	0.040616047	−0.174149377	2.453805e−03	AC024293.1
ENSG00000244381	5.303988e+00	0.011888973	9.115208e−01	−0.0947841586	3.729669e−01	−0.118763255	0.263527236	−0.260324024	1.365166e−02	AC007849.2
ENSG00000244398	1.391116e+04	−0.221896321	2.839731e−05	−0.0661235881	2.170390e−01	−0.085979347	0.108493363	−0.194412545	3.409346e−04	AC116533.1
ENSG00000244405	1.901549e+02	0.218170129	9.732210e−02	0.0797137573	5.435596e−01	0.402700657	0.002148006	0.299666180	2.192119e−02	ETV5
ENSG00000244437	4.341673e+01	0.038777962	6.747339e−01	0.1977176337	3.201811e−02	0.071049774	0.440811201	0.298852253	1.152032e−03	IGKV3−15
ENSG00000244480	5.184934e+01	−0.165444624	1.513536e−01	−0.1079487476	3.494130e−01	−0.050667020	0.660392538	−0.240972603	3.743429e−02	AC005154.3
ENSG00000244490	9.158423e+00	−0.343859269	4.784894e−03	−0.1242062596	3.084056e−01	−0.112715489	0.355103112	−0.260338228	3.145094e−02	RWDD4P1
ENSG00000244509	2.431729e+03	0.069767890	2.778758e−01	0.0495328180	4.453802e−01	0.011451715	0.860002963	0.245655579	1.813399e−04	APOBEC3C
ENSG00000244527	4.880360e+00	−0.219895032	7.653281e−02	0.0021651402	9.861250e−01	−0.321030256	0.009155521	−0.197342930	1.091970e−01	AC022795.1
ENSG00000244567	2.355472e+02	−0.133229218	1.505217e−01	−0.1935305688	3.802902e−02	−0.015535931	0.867457938	−0.172902165	6.545966e−02	NA
ENSG00000244575	1.853693e+01	0.060800734	3.709450e−01	0.1018358350	1.334754e−01	0.102155223	0.132212765	0.184754715	6.409912e−03	IGKV1−27
ENSG00000244586	3.453799e+00	−0.080642691	3.368847e−01	−0.0801805157	3.387775e−01	−0.175729133	0.035398404	−0.055170759	5.095114e−01	WNT5A−AS1
ENSG00000244620	1.574754e+00	0.055792248	4.287943e−01	0.1476325823	3.669261e−02	0.101952658	0.147752951	0.069699106	3.217704e−01	AC246787.2
ENSG00000244627	1.060619e+02	−0.040386475	6.884110e−01	−0.0225784408	8.233090e−01	0.084048721	0.405134323	−0.229723974	2.442466e−02	Z98749.2
ENSG00000244687	2.710455e+02	0.010375211	9.070863e−01	−0.0048586311	9.567070e−01	0.194526090	0.029353874	−0.004034938	9.642826e−01	UBE2V1
ENSG00000244712	1.614782e+00	0.146329066	4.549386e−02	0.0038253103	9.579781e−01	0.121656009	0.094860738	0.047620691	5.123657e−01	AC084754.1
ENSG00000244716	6.118124e+03	−0.181790153	8.698929e−04	−0.0745123329	1.767239e−01	−0.094830375	0.085613635	−0.166658249	2.861427e−03	BX679664.3
ENSG00000244723	1.733712e+01	0.134135694	3.083783e−01	0.2887304441	2.780484e−02	0.143662849	0.273942019	−0.058003978	6.576101e−01	ASLP1
ENSG00000244921	1.165626e+01	−0.297444032	1.495627e−02	−0.1192907512	3.282288e−01	−0.094833986	0.436927572	−0.082934636	4.951899e−01	MTCYBP18
ENSG00000244932	2.154531e+01	0.078735923	5.484893e−01	−0.0029010768	9.823237e−01	0.324094080	0.013188116	0.187006349	1.515022e−01	AL449212.1
ENSG00000244952	3.946276e+00	−0.148938975	1.058944e−01	−0.0969681429	2.917222e−01	−0.190939880	0.037196063	−0.058323799	5.256786e−01	AC123768.2
ENSG00000245149	5.947376e+01	0.030754623	7.983682e−01	0.2081554902	8.317631e−02	0.247462528	0.039426542	0.389358775	1.167978e−03	RNF139−AS1
ENSG00000245205	5.517786e+01	−0.264976003	2.816505e−02	−0.2571804112	3.313389e−02	−0.199271859	0.098697925	−0.114554853	3.419936e−01	EEF1A1P4
ENSG00000245571	5.554144e+01	0.006485624	9.553459e−01	0.1018004916	3.790785e−01	−0.038314580	0.741558077	0.330030718	4.268347e−03	AP001258.1
ENSG00000245648	5.314952e+00	0.086794434	3.038518e−01	0.0662093223	4.318071e−01	0.227769133	0.006953969	−0.004428340	9.578971e−01	AC022075.1
ENSG00000245667	3.485364e+00	0.081569373	3.362343e−01	0.0454866628	5.905667e−01	0.184914516	0.029136323	0.108919889	1.975443e−01	AC006064.1
ENSG00000245680	1.881168e+02	0.139989971	1.641921e−01	0.0612733539	5.447446e−01	0.192283314	0.057044682	0.238978174	1.851716e−02	ZNF585B
ENSG00000245864	2.255222e+00	−0.019134472	7.918042e−01	−0.0148173643	8.379120e−01	0.154890662	0.033136452	0.023864712	7.413165e−01	MEF2C−AS2
ENSG00000245869	4.423534e+00	0.028476952	7.375457e−01	0.1953404140	2.168863e−02	−0.002081442	0.980391464	0.077673809	3.589128e−01	AP004609.1
ENSG00000245910	2.093393e+03	−0.233908064	2.717527e−05	−0.0545338527	3.323547e−01	−0.078887791	0.161026056	−0.149561515	8.692475e−03	SNHG6
ENSG00000245970	1.901307e+03	−0.155201836	3.203226e−03	−0.0212739218	6.890230e−01	−0.052034273	0.327987601	−0.213689915	7.440784e−05	AP003352.1
ENSG00000246130	8.261869e+00	−0.233863375	5.280142e−02	−0.3029566936	1.167980e−02	−0.218736414	0.068893291	−0.120597956	3.150348e−01	AC107959.2
ENSG00000246174	4.223436e+00	0.121849743	2.023894e−01	0.0083854595	9.297233e−01	0.222173549	0.020006749	0.096714931	3.083989e−01	KCTD21−AS1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000246250	41.3051823	−0.005014768	0.969654419	0.062192326	0.636048931	0.325092861	0.013359962	0.113731652	3.849751e−01	AC087521.2
ENSG00000246422	4.1391891	0.091194712	0.369077359	0.055250330	0.585081521	0.222828663	0.028252557	0.193372101	5.581959e−02	AC008781.2
ENSG00000246430	55.8675968	0.055367199	0.671014625	0.113928801	0.380983587	0.168426291	0.195244732	0.277428703	3.233229e−02	LINC00968
ENSG00000246451	126.2380802	−0.003181556	0.977080134	0.054274490	0.624629344	0.275973956	0.012653628	0.144932252	1.922317e−01	AL049840.1
ENSG00000246705	683.4053841	−0.170690868	0.031382270	−0.123333825	0.122582462	−0.188352946	0.018484750	−0.120117529	1.362488e−01	H2AFJ
ENSG00000246851	46.8470082	−0.140546374	0.270105948	−0.215582278	0.090484752	−0.075215996	0.554461090	−0.266975549	3.577042e−02	AL157938.3
ENSG00000246889	19.3223182	0.316271894	0.016333664	0.044312004	0.735576137	0.247639992	0.059199016	0.191943981	1.418483e−01	AP000487.1
ENSG00000246922	176.8007829	0.330742876	0.001576829	0.141735398	0.178173553	0.279838787	0.007779139	0.469557512	8.320301e−06	UBAP1L
ENSG00000247095	3.2399306	−0.011060346	0.906196865	0.076977133	0.412523948	0.241219836	0.010535052	0.035326754	7.054945e−01	MIR210HG
ENSG00000247134	151.6605865	−0.247555988	0.023544056	−0.085953533	0.431935311	0.018300357	0.867023250	0.053187654	6.275837e−01	AC090204.1
ENSG00000247315	1677.6396565	−0.020766160	0.690229608	−0.063388397	0.228940213	−0.108279539	0.040055321	−0.093707317	7.929760e−02	ZCCHC3
ENSG00000247556	3225.0259463	−0.158937446	0.023553371	−0.059903010	0.397493151	0.047419129	0.502922364	−0.029741351	6.776126e−01	OIP5−AS1
ENSG00000247626	240.6031633	−0.272800003	0.009070906	−0.192287637	0.066710687	−0.035762517	0.732812702	−0.045138458	6.676885e−01	MARS2
ENSG00000247877	0.7807094	0.044770812	0.442861154	0.122917156	0.035752445	0.045416967	0.434994215	0.018892771	7.452937e−01	AC021086.1
ENSG00000247934	11.1718858	−0.082381483	0.515129657	−0.071488181	0.570950037	−0.126810478	0.314278360	−0.343657552	5.986809e−03	AC022364.1
ENSG00000247982	327.9002092	0.297355009	0.023457965	0.340963494	0.009123232	0.229390115	0.079389824	0.403911670	1.918925e−03	LINC00926
ENSG00000248008	24.6705830	−0.333403657	0.011356119	−0.275956953	0.035534514	−0.192925517	0.141674955	−0.134014802	3.053421e−01	NRAV
ENSG00000248019	394.6342470	0.075174388	0.353285557	0.154599042	0.057864302	0.225413616	0.005662481	0.066550685	4.187718e−01	FAM13A−AS1
ENSG00000248049	68.6197079	0.266793639	0.018454791	0.273343857	0.015979230	0.202119044	0.075420982	0.049484856	6.646353e−01	UBA6−AS1
ENSG00000248098	269.2153842	−0.143773369	0.039088084	−0.055755910	0.426470665	−0.156272770	0.026513162	−0.112724851	1.121538e−01	BCKDHA
ENSG00000248216	1.2960592	0.021591783	0.753173071	0.143792371	0.037022925	0.025972798	0.704411785	0.034470016	6.149487e−01	KCTD9P5
ENSG00000248275	236.5340061	−0.231737437	0.024102890	−0.002231873	0.982704668	−0.103709498	0.314432669	−0.270772756	8.975478e−03	TRIM52−AS1
ENSG00000248318	0.7465729	0.035522496	0.464678201	0.023319665	0.630945391	0.116743596	0.016400251	0.056509137	2.444728e−01	AC104958.1
ENSG00000248323	10.8594911	0.124337701	0.296498837	0.412296367	0.000538533	0.098736975	0.405079793	0.186803459	1.139546e−01	LUCAT1
ENSG00000248333	1310.2658952	0.194318457	0.001038112	0.079287842	0.185674972	0.082010775	0.171183801	0.112051745	6.453788e−02	CDK11B
ENSG00000248334	320.0775130	−0.097877690	0.444218122	−0.156156286	0.221579487	−0.109272811	0.392353451	−0.314170981	1.377828e−02	WHAMMP2
ENSG00000248485	12.1315674	−0.255816719	0.016406229	−0.103977005	0.328779878	−0.177624511	0.094856440	−0.224545669	3.393202e−02	PCP4L1
ENSG00000248508	52.5306495	0.028034938	0.826522379	0.306607270	0.016183564	0.146222944	0.252031075	0.046545653	7.150687e−01	SRP14−AS1
ENSG00000248641	112.8039996	−0.125984435	0.183740344	0.009207023	0.922717220	−0.196167628	0.040115921	−0.256402146	7.706269e−03	HMGA1P2
ENSG00000248643	82.4880091	0.222436129	0.043122223	0.082147302	0.457133892	0.017577118	0.873834973	−0.062694631	5.730581e−01	RBM14−RBM4
ENSG00000248719	2.1217140	0.127613861	0.140758772	0.132455088	0.125980993	0.233104022	0.007232824	0.007744421	9.279779e−01	AC021127.1
ENSG00000248751	4.4363372	−0.128871513	0.247791774	−0.282193294	0.010764153	−0.143155122	0.197181560	−0.240744827	2.904340e−02	AC004997.1
ENSG00000248773	4.8281173	0.089051347	0.357473540	0.122870932	0.203239616	0.095035014	0.324291541	0.192503501	4.595905e−02	AC108727.1
ENSG00000248785	4.2133861	−0.185868486	0.097962428	0.044207545	0.695170154	−0.329738446	0.003038366	−0.163909066	1.417819e−01	HIGD1AP14
ENSG00000248791	6.1514559	0.107989502	0.332773707	0.165464410	0.136614220	0.199257677	0.073012288	0.249896659	2.449777e−02	AC010627.1
ENSG00000248871	9.6325833	0.010891139	0.930319307	−0.095475291	0.440952556	−0.253287814	0.040297244	−0.034207055	7.816314e−01	TNFSF12−TNFSF13
ENSG00000248890	2.5246082	−0.038296710	0.635258135	−0.138915713	0.083841709	−0.180513962	0.024289012	−0.029369881	7.149453e−01	HHIP−AS1
ENSG00000248925	2.2722643	0.175204857	0.019839508	0.122942325	0.101076317	0.085647501	0.252231259	−0.006422025	9.313405e−01	AC021087.1
ENSG00000248988	11.7605625	0.221890929	0.061921402	0.200737189	0.090147950	0.271182413	0.022109698	0.156707447	1.831133e−01	AC093700.1
ENSG00000248993	2.3745634	0.045993647	0.609988513	0.096785740	0.282870267	0.220785172	0.014643222	0.231684253	1.042175e−02	AL645941.2
ENSG00000249068	4.1571781	−0.081259997	0.414981364	−0.145153883	0.143564968	−0.262939892	0.007771376	−0.147831357	1.350069e−01	AC008417.1
ENSG00000249096	5.1171074	0.007907761	0.935727162	0.055785499	0.568806044	0.180130433	0.066296334	0.197376245	4.375653e−02	LINC02362
ENSG00000249115	730.2380869	0.075881685	0.357411367	−0.079093507	0.341338421	−0.075215001	0.365663846	−0.197468526	1.865837e−02	HAUS5
ENSG00000249207	34.7693954	−0.126797719	0.336253242	−0.001503618	0.990873038	−0.156173134	0.234781724	−0.263637804	4.402569e−02	AC079921.1
ENSG00000249240	3.6750974	0.026422959	0.793056638	0.042201628	0.674682415	0.006720842	0.946571213	0.248148574	1.375825e−02	AC069368.1
ENSG00000249252	26.1128910	−0.057456642	0.662706802	−0.136361874	0.298933024	−0.338152246	0.009969181	−0.245523633	6.028583e−02	AC098829.1
ENSG00000249264	160.1544581	−0.281704630	0.006892453	−0.253711244	0.015284039	−0.189040236	0.070617195	−0.125565441	2.311488e−01	EEF1A1P9
ENSG00000249348	24.1742487	0.173112343	0.186278946	0.137291706	0.293507122	0.283594608	0.029925775	0.231911969	7.484617e−02	UGDH−AS1
ENSG00000249353	3131.9826824	−0.119738737	0.012212172	−0.050867479	0.292105648	−0.086473687	0.073456610	−0.043205905	3.774329e−01	NPM1P27
ENSG00000249379	12.0184023	0.158888106	0.178103133	0.215765027	0.066654632	0.236478173	0.044376791	0.363977725	1.913926e−03	AL033397.2
ENSG00000249412	7.1933558	−0.023136773	0.845374079	−0.037831575	0.748639896	0.176009043	0.137464782	0.243006440	4.006989e−02	AC010285.2
ENSG00000249437	990.7612054	0.043185640	0.724124208	0.039569858	0.746391541	0.074321147	0.543573406	0.266224243	2.955381e−02	NAIP
ENSG00000249485	380.4097798	0.164608720	0.020851021	0.047878617	0.506118332	0.057878535	0.421837304	0.198535719	6.231738e−03	RBBP4P1
ENSG00000249492	9.6460447	−0.092413767	0.469534962	0.271656905	0.033634338	0.142148751	0.265352385	0.043179948	7.337288e−01	AC114956.3
ENSG00000249494	0.8863574	0.031445807	0.552385068	0.046898373	0.375681501	0.071809231	0.174712814	0.105808291	4.576473e−02	AC008629.1
ENSG00000249631	0.7624588	−0.121751969	0.015805264	−0.140327811	0.005339912	−0.101658827	0.043571843	−0.121189983	1.618587e−02	AC005699.1
ENSG00000249661	221.5564785	−0.098146801	0.427233755	−0.222911069	0.071354976	−0.013700513	0.911711812	−0.267994864	3.013798e−02	TNRC18P1
ENSG00000249673	310.0817050	0.134554140	0.038703857	−0.030980121	0.638962834	−0.011352422	0.863596031	0.039767513	5.508099e−01	NOP14−AS1
ENSG00000249684	6.6248048	0.039875037	0.717841050	0.237978015	0.031103232	0.133293591	0.225940263	−0.105599747	3.336968e−01	AC106795.2
ENSG00000249709	24.2397815	−0.311108420	0.016794446	0.013264667	0.918399609	−0.155082371	0.231799044	−0.061983532	6.314478e−01	ZNF564
ENSG00000249717	3.7783715	−0.047769743	0.605191317	−0.022853137	0.804457924	0.021858489	0.812832654	−0.182291083	4.637462e−02	AC110760.2
ENSG00000249825	28.2974592	0.261107902	0.047418981	0.328887011	0.012245769	0.061366807	0.640086044	0.135569378	2.995283e−01	CTD−2201I18.1
ENSG00000249839	7.4105356	0.256741191	0.025183235	0.036297894	0.749784234	0.097883507	0.389979267	0.123636857	2.760691e−01	AC011330.1
ENSG00000249855	388.0588036	−0.181811358	0.048615760	−0.200697319	0.030444298	−0.168658801	0.068967209	−0.162854124	8.107922e−02	EEF1A1P19
ENSG00000249858	26.5290910	0.022660284	0.862135093	0.006526150	0.960028967	0.296389213	0.022624084	0.184578365	1.546401e−01	SNX5P1
ENSG00000249884	2.0088209	−0.137181201	0.132142403	−0.212928555	0.018593677	−0.206646965	0.022136146	−0.143371492	1.141908e−01	RNF103−CHMP3
ENSG00000249915	2838.6740489	−0.132818191	0.004544086	−0.013512206	0.775085279	−0.011390714	0.809714916	−0.056652895	2.373221e−01	PDCD6
ENSG00000249931	41.5689392	0.130941345	0.319025946	0.261134163	0.046184674	0.183185202	0.161875332	0.181939663	1.628741e−01	GOLGA8K
ENSG00000249936	2464.4597383	−0.197514984	0.016486629	−0.073702704	0.374190393	−0.064581009	0.436205413	−0.048522224	5.619361e−01	RAC1P2
ENSG00000250011	5.5991292	0.035138018	0.742417741	0.153453687	0.151239167	0.240490553	0.024652374	0.026218849	8.048261e−01	HMGB1P3
ENSG00000250030	10.4427519	0.030032367	0.819391514	−0.032500495	0.804381845	0.268300164	0.040523485	0.072247869	5.800833e−01	AC104806.1
ENSG00000250041	1.8337460	0.200911715	0.009855444	0.142687632	0.065829085	0.119730406	0.121732710	0.142425761	6.553822e−02	AC069360.1
ENSG00000250069	2.5811921	0.020142572	0.788064705	0.034732199	0.642771779	0.247437264	0.001004846	0.009540047	8.982336e−01	AC011379.1
ENSG00000250132	63.8833832	−0.049368026	0.670852177	0.048002792	0.679189976	0.248486993	0.031824083	−0.023549207	8.397855e−01	AC004803.1
ENSG00000250155	80.7284303	−0.338841640	0.008771342	−0.076663448	0.551871107	−0.144801853	0.261046551	−0.157458518	2.194477e−01	AC008957.1
ENSG00000250159	24.1050791	−0.214469268	0.101938641	−0.129787227	0.320863514	−0.408253375	0.001817806	−0.481286457	2.250289e−04	AC106791.1
ENSG00000250182	423.3987038	−0.180506323	0.027770502	−0.228159276	0.005781023	−0.179037508	0.030309661	−0.114395362	1.695656e−01	EEF1A1P13
ENSG00000250254	3.7329550	0.220392953	0.033534699	0.181905282	0.078158127	0.226828302	0.028086659	0.264052788	1.043605e−02	PTTG2
ENSG00000250295	2.5752958	0.166889101	0.043021529	0.018578858	0.820697604	0.069297085	0.398077351	0.058949210	4.711269e−01	RDH10−AS1
ENSG00000250317	378.1753781	−0.218163612	0.017090922	−0.016398864	0.858271387	−0.008358076	0.927502729	−0.087156698	3.462297e−01	SMIM20
ENSG00000250334	4.9884424	−0.183954710	0.007236538	−0.170442308	0.012727508	−0.216193135	0.001559605	−0.235626313	5.541336e−04	LINC00989
ENSG00000250404	18.1938436	0.280535655	0.031516803	0.198526465	0.126507864	0.173838238	0.180757601	0.115059514	3.733964e−01	NA
ENSG00000250412	1.8121707	−0.027943797	0.712963534	0.060885947	0.424140283	0.173026747	0.023515759	0.051200204	4.997523e−01	KLHL2P1
ENSG00000250479	596.0605424	−0.148440174	0.065310935	−0.195656563	0.015945673	−0.164711702	0.042479172	−0.316699335	1.124028e−04	CHCHD10
ENSG00000250492	33.4435486	−0.065886006	0.611916270	−0.302566081	0.019752363	−0.127265020	0.326444936	0.052875077	6.822629e−01	INTS6P1
ENSG00000250506	31.9252183	0.264090466	0.042546802	0.076161994	0.558198711	0.246556932	0.057844962	0.138045755	2.869985e−01	CDK3
ENSG00000250565	271.3436839	−0.197444699	0.037097175	−0.093043021	0.327749941	−0.161187011	0.090421362	−0.061024659	5.235980e−01	ATP6V1E2
ENSG00000250568	194.6537054	−0.124154666	0.133681276	−0.139655865	0.094359539	−0.173040478	0.038596601	−0.117562782	1.616073e−01	AC098591.2
ENSG00000250575	1.3072934	0.201521316	0.012912617	0.014689337	0.854442368	−0.041033044	0.606198306	0.016161148	8.395395e−01	AL732372.3
ENSG00000250588	34.6248094	0.179331490	0.172822571	−0.002324159	0.985853819	−0.324747861	0.013175312	−0.177907754	1.726514e−01	NA
ENSG00000250644	1.5873634	−0.011019460	0.894605413	−0.176015131	0.032225923	−0.035716191	0.665628958	−0.054394987	5.111555e−01	AC068580.4
ENSG00000250662	1.8110010	0.041711374	0.556755350	0.149834941	0.035202915	0.046415848	0.512107288	0.034857635	6.221525e−01	HNRNPKP5
ENSG00000250731	18.4601506	−0.271250272	0.038926639	−0.157652282	0.228653326	−0.156263235	0.232720788	−0.210951525	1.055810e−01	TPM3P6
ENSG00000250734	3.3009958	−0.086060054	0.434388989	−0.277247099	0.010903478	−0.113294168	0.300835668	0.077632935	4.801702e−01	AL391335.1
ENSG00000250762	0.5956994	0.092027158	0.047729482	0.048469609	0.295925858	0.077701301	0.093683896	0.020312164	6.607692e−01	Z99943.2
ENSG00000250764	12.2261552	0.370220514	0.003885047	0.223498929	0.079691973	0.186251879	0.143858633	0.226254803	7.471785e−02	AC025178.1
ENSG00000250771	24.0201680	−0.058140362	0.483261267	−0.182395560	0.027466665	−0.123604205	0.135165777	−0.070739936	3.914780e−01	AC106865.1
ENSG00000250802	14.2784710	−0.221103028	0.083883480	−0.136120456	0.285665895	−0.277153220	0.029437455	−0.126547664	3.188332e−01	ZBED3−AS1
ENSG00000250803	0.6974206	−0.072300417	0.135700436	−0.104134896	0.031386747	−0.048253369	0.318984761	−0.073624654	1.280292e−01	AC010255.3
ENSG00000250850	0.8059211	0.036894153	0.462059252	0.078076032	0.120038710	0.007251169	0.884701055	0.102547951	4.113610e−02	AL161781.2
ENSG00000250938	0.8012837	0.071600311	0.240216502	0.176471065	0.003965661	−0.024553110	0.684362154	0.071633063	2.393103e−01	AC108866.1
ENSG00000251000	5.6507357	0.127286986	0.267502817	0.119287314	0.297030335	0.242886413	0.034096165	0.168406070	1.395764e−01	AC008592.3
ENSG00000251022	1838.7829509	0.196689147	0.001926964	0.123575199	0.053713529	0.080605196	0.208498416	−0.035092702	5.885580e−01	THAP9−AS1
ENSG00000251095	6.1050964	−0.124657156	0.330620077	−0.263169468	0.038658559	−0.028227291	0.825201662	−0.057885693	6.491082e−01	AC097478.1
ENSG00000251102	31.7700538	0.192119108	0.130496422	0.254010118	0.045128334	0.171963886	0.175648780	0.388610454	2.120984e−03	CTBP2P4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000251118	1.1784818	0.045674396	0.431060342	0.007158034	0.901522505	0.171909502	0.0030934641	0.052411596	3.657460e−01	AC008549.3
ENSG00000251136	220.2516463	0.309712552	0.003048966	0.254441388	0.015314314	0.021488345	0.8381483326	0.033225573	7.532115e−01	AF117829.1
ENSG00000251141	1.1009238	−0.003717990	0.959892643	0.153120510	0.039966698	−0.052035770	0.4785405548	0.069048570	3.509850e−01	AC093297.2
ENSG00000251155	1.1700716	0.010628921	0.876551245	0.019883615	0.771135594	0.139238428	0.0424584950	0.083482271	2.230116e−01	SEPT14P4
ENSG00000251175	1.2940169	0.057421696	0.354602866	0.031863930	0.606887377	0.126449013	0.0415864283	0.094420880	1.274621e−01	AC008243.1
ENSG00000251192	58.0019552	0.194114659	0.106526355	0.300821220	0.012291213	0.192117231	0.1105694547	0.262823997	2.888894e−02	ZNF674
ENSG00000251194	64.8918024	0.480114379	0.000256164	0.118571235	0.364755794	0.070422388	0.5903365729	0.155899434	2.312965e−01	AL133330.1
ENSG00000251221	1.1196687	0.045278377	0.474340014	0.028483685	0.652228797	0.163979417	0.0097799759	−0.011685110	8.527294e−01	LINC01337
ENSG00000251323	15.4394377	0.208927180	0.108889788	0.297493285	0.022012750	0.047661776	0.7132033571	0.223446286	8.382734e−02	AP003086.1
ENSG00000251333	189.6873973	−0.228055348	0.008574807	−0.020425216	0.814115368	−0.054137994	0.5338591230	−0.089151505	3.094284e−01	RTN3P1
ENSG00000251364	62.5253453	0.263875154	0.045178592	0.202533428	0.122944627	0.145691037	0.2671431066	0.230713129	7.763470e−02	AC107884.1
ENSG00000251380	5.6095538	−0.063887990	0.613061446	−0.235573495	0.060091428	−0.039321577	0.7545824590	−0.272197777	2.899141e−02	DCANP1
ENSG00000251400	20.2995565	0.056585077	0.665652410	−0.068077165	0.601594756	−0.259604652	0.0462496858	−0.115426182	3.738764e−01	ALDH7A1P1
ENSG00000251493	2.1856077	0.197648873	0.012286661	0.105949698	0.177719432	0.124723509	0.1123346654	0.102085927	1.923377e−01	FOXD1
ENSG00000251513	4.2957539	0.073216331	0.380381663	0.094227333	0.258127453	0.079828196	0.3375256500	0.188124632	2.389678e−02	LIX1−AS1
ENSG00000251548	8.4773397	0.040574483	0.726874412	0.301101773	0.009636682	0.220590321	0.0574046355	0.359490960	1.910812e−03	AC106760.2
ENSG00000251555	2.1338202	0.154290289	0.040606264	0.061674332	0.410992555	0.056748500	0.4486954891	0.066243635	3.763133e−01	AC096711.2
ENSG00000251571	3.6249653	0.005366776	0.943559485	0.050513507	0.504972223	0.286607466	0.0001644321	0.033558682	6.569263e−01	DDX3P3
ENSG00000251615	31.5891258	0.119568836	0.361955360	0.111388976	0.394558277	0.368149716	0.0048620939	0.190472509	1.439900e−01	AC104825.2
ENSG00000251634	46.3908271	0.272797458	0.038500582	0.044798624	0.733122414	−0.016620358	0.8993289523	0.178815961	1.717343e−01	AC145138.1
ENSG00000251692	0.5350210	0.022401705	0.629273439	0.110115436	0.018054230	0.001948894	0.9664409241	0.029542927	5.240337e−01	PTX4
ENSG00000251821	0.8103989	−0.022237188	0.674165563	−0.115725853	0.027895391	−0.115089658	0.0284946928	−0.116192204	2.724372e−02	RNU6−583P
ENSG00000251870	1.5010523	0.156536291	0.048171305	0.189978488	0.016593012	0.052135889	0.5071032230	0.031532431	6.872370e−01	RNU2−69P
ENSG00000251991	7.0276024	0.215085458	0.082852424	0.178359463	0.148647420	0.251097901	0.0421519464	0.192856948	1.164706e−01	RNU7−49P
ENSG00000252019	0.5199437	−0.066272638	0.154559325	−0.095212542	0.040556946	−0.086940053	0.0612259333	−0.074358157	1.097797e−01	RNU6ATAC9P
ENSG00000252034	0.6424915	−0.094180765	0.041962286	−0.087802450	0.057941534	−0.011276735	0.8078895757	−0.075027406	1.050207e−01	RNY4P37
ENSG00000252061	79.9379217	−0.142588320	0.205860184	−0.075946361	0.500779289	−0.248006393	0.0284864000	−0.222285840	4.988887e−02	RNU6−415P
ENSG00000252174	0.6334695	0.020429625	0.697782501	−0.039280632	0.452980971	0.011723613	0.8228932253	0.115929957	2.839444e−02	RNU7−18P
ENSG00000252615	0.6623251	0.036212740	0.476917211	0.127013661	0.012969780	0.001489979	0.9765602499	0.015942046	7.535559e−01	Y_RNA
ENSG00000252684	0.9716134	−0.008060522	0.884570372	−0.021643831	0.696198924	0.048323629	0.3839330686	0.125232340	2.465672e−02	RNU6ATAC36P
ENSG00000252707	0.8184048	0.139493062	0.031774188	0.090174772	0.163348013	0.132188044	0.0410559253	−0.018202147	7.767006e−01	RNU11−2P
ENSG00000253187	3.5606773	−0.188830957	0.026635005	−0.191342289	0.024474002	−0.069807839	0.4127586662	−0.165086661	5.154044e−02	HOXA10−AS
ENSG00000253204	52.6627679	−0.241186884	0.049140586	0.011652797	0.924010424	−0.118438617	0.3333470818	−0.126545932	3.010812e−01	AC090281.1
ENSG00000253210	81.4547194	−0.056463977	0.644068296	−0.127234152	0.298072152	−0.058365211	0.6330388580	−0.240206074	4.970203e−02	AC040970.1
ENSG00000253293	73.6168604	−0.271166538	0.037443741	−0.287623291	0.026738235	−0.165291602	0.2030336929	−0.003132846	9.806660e−01	HOXA10
ENSG00000253326	5.4974001	0.001646761	0.987315396	0.038300781	0.710749978	−0.004724246	0.9634420485	0.240724005	2.004417e−02	AL606534.5
ENSG00000253327	7.0016537	−0.128178801	0.288762961	−0.115029827	0.339492031	−0.244171863	0.0418593620	−0.138276791	2.484346e−01	RAD21−AS1
ENSG00000253328	11.0681879	0.302551538	0.016897848	0.097834423	0.436759220	0.046562509	0.7109690834	0.114601138	3.605003e−01	SUMO2P19
ENSG00000253347	2.4865017	−0.035603042	0.685134960	0.026183138	0.765649141	0.153575505	0.0814356219	0.217080020	1.387384e−02	AC040934.1
ENSG00000253385	2.1462073	−0.098061581	0.199178333	−0.038989322	0.610038780	−0.041879747	0.5832886343	−0.163812663	3.088314e−02	AP003696.1
ENSG00000253392	7.0867703	0.029727818	0.813168651	−0.022768697	0.855489392	−0.245518032	0.0482825266	−0.148029622	2.341360e−01	AC119403.1
ENSG00000253476	6.6923118	0.226288559	0.059366543	0.242468324	0.042581589	0.131484480	0.2699299378	0.195907265	9.961286e−02	AC091185.1
ENSG00000253522	4.0565167	0.229748597	0.002368082	0.010616910	0.887722471	−0.014449551	0.8474426932	−0.081003184	2.792865e−01	MIR3142HG
ENSG00000253540	29.1995130	0.276157811	0.035261823	0.154016257	0.239320935	−0.084648628	0.5182115895	0.129549154	3.207913e−01	FAM86HP
ENSG00000253552	42.8276650	−0.039654186	0.752678261	−0.071667009	0.568823148	−0.022174699	0.8600444200	−0.299970590	1.717642e−02	HOXA−AS2
ENSG00000253559	6.0376651	0.257443410	0.024600686	0.082773425	0.466733838	−0.069750115	0.5377855815	−0.045648153	6.858335e−01	OSGEPL1−AS1
ENSG00000253570	306.9818367	−0.176275762	0.084200570	−0.116134806	0.256944552	−0.202448601	0.0483548874	−0.210950179	4.059849e−02	AC069120.2
ENSG00000253606	4.3196502	0.262428663	0.010623076	0.073089515	0.473325749	0.174842701	0.0868476779	0.213326693	3.619603e−02	AFG3L2P1
ENSG00000253649	12.8190517	0.105007589	0.409009333	0.191609243	0.130946777	0.380131498	0.0027688376	0.196937420	1.185434e−01	PRSS51
ENSG00000253669	24.0761653	0.358196751	0.006533673	0.063600375	0.627867120	0.015119603	0.9082444672	−0.108434545	4.063413e−01	AP003356.1
ENSG00000253683	652.4333132	−0.139432364	0.026431377	−0.034784202	0.582712402	−0.096604733	0.1277182637	−0.138486434	3.088020e−02	AC027309.2
ENSG00000253701	3.5285722	0.094908742	0.217217405	0.060586395	0.429611842	0.136969640	0.0743847466	0.229886556	2.778379e−03	NA
ENSG00000253716	79.5561544	−0.177626076	0.132494713	−0.266084645	0.024511229	−0.054044197	0.6471206991	−0.263760992	2.592165e−02	MINCR
ENSG00000253729	5444.6830319	0.085038148	0.186317499	0.066508800	0.305914235	0.079534979	0.2208425295	0.204899297	1.816404e−03	PRKDC
ENSG00000253736	2.3559968	0.166609555	0.048451460	0.118877589	0.157489899	0.075843223	0.3656557858	0.158843256	5.876820e−02	AC022217.3
ENSG00000253738	361.0241778	−0.098650719	0.170359525	0.107878747	0.135474754	−0.004998348	0.9450346598	−0.170966959	1.989074e−02	OTUD6B−AS1
ENSG00000253755	2.5548803	0.191686982	0.009897517	−0.024933394	0.735374425	0.120427726	0.1035906816	0.071871545	3.302659e−01	IGHGP
ENSG00000253797	299.7699680	0.090415348	0.262231338	0.018869116	0.816549047	0.039372038	0.6284736021	0.258920076	1.538609e−03	UTP14C
ENSG00000253816	26.9981302	−0.012512409	0.924129049	−0.013320758	0.919024309	−0.276249199	0.0351624828	−0.227003879	8.236099e−02	AC138866.1
ENSG00000253831	3.1259040	0.033440011	0.708113663	0.012520466	0.888285270	0.214746859	0.0165071483	−0.046436944	6.000760e−01	ETV3L
ENSG00000253915	3.4179143	0.113661830	0.315075759	0.313431112	0.005792818	0.048606993	0.6647592216	0.244060565	3.068756e−02	AC104371.1
ENSG00000253921	3.5894147	0.202604999	0.060162345	0.045089793	0.673152232	0.113477231	0.2889444791	0.214893092	4.462290e−02	AC091982.2
ENSG00000253954	1012.0780261	−0.116876319	0.034335442	−0.108219066	0.052427771	−0.102812376	0.0655196982	−0.109938545	5.175999e−02	HMGN1P38
ENSG00000253966	1.2366285	−0.044847286	0.495689331	−0.073262810	0.264786189	−0.131291178	0.0447613378	−0.117659984	7.215189e−02	AC008514.2
ENSG00000253967	2.5872150	−0.112270401	0.044089588	−0.061620710	0.268973199	−0.137260812	0.0136304905	−0.061017336	2.735058e−01	AC022730.4
ENSG00000253982	371.5209770	−0.140009254	0.083406995	−0.137038723	0.092596622	−0.258163085	0.0015759172	−0.224477590	6.373475e−03	AC100810.1
ENSG00000254060	1.7285536	0.019870735	0.815310623	0.113687284	0.182626327	0.068746193	0.4182761293	0.227879926	7.769512e−03	AC022778.1
ENSG00000254170	20.5384911	−0.301835711	0.018532293	−0.366039285	0.004279199	−0.111147192	0.3840959171	−0.105127184	4.088192e−01	AC008802.1
ENSG00000254246	1.7746872	0.071611134	0.264677748	0.143850169	0.025246687	0.039463505	0.5376334938	0.027057086	6.720783e−01	AC011377.1
ENSG00000254275	0.7587120	−0.002934171	0.945417945	−0.016111596	0.706738945	0.005418163	0.8992591322	0.111142667	9.687522e−03	LINC00824
ENSG00000254285	1.3897334	−0.099821031	0.166049455	−0.190125577	0.007894355	−0.218564964	0.0021835539	−0.188565765	8.547739e−03	KRT8P3
ENSG00000254387	7.7994398	0.146755480	0.252495026	0.123763263	0.332718124	0.353188460	0.0058475032	0.501053661	8.768709e−05	MYL12AP1
ENSG00000254395	2.4313249	0.065962015	0.291134271	−0.005082302	0.934996994	0.096584968	0.1216308527	0.166580237	7.658628e−03	IGHV4−55
ENSG00000254414	22.2721580	−0.341920248	0.009110880	−0.134792531	0.302159086	−0.210950564	0.1065588139	−0.297326805	2.250866e−02	NA
ENSG00000254453	0.7065329	−0.120375138	0.039906382	−0.103088013	0.078430632	−0.108608165	0.0630127979	−0.070583036	2.291549e−01	NAV2−AS2
ENSG00000254454	29.2287133	0.036445971	0.779630243	0.259447591	0.045722463	0.045256510	0.7272507345	−0.002284709	9.858869e−01	RCC2P6
ENSG00000254469	28.8137972	0.309867620	0.018113359	0.221466164	0.090522344	0.420606800	0.0012967096	0.350828234	7.116617e−03	AP002495.1
ENSG00000254470	1518.7383546	0.070905577	0.439740315	−0.020366638	0.825387073	−0.071154411	0.4409430851	0.218026046	1.897325e−02	AP5B1
ENSG00000254477	5.1790855	−0.236675089	0.034386396	−0.083196794	0.456985594	−0.264228761	0.0174511638	−0.138978263	2.125574e−01	AP000640.1
ENSG00000254481	18.0043137	−0.169849769	0.194576922	−0.181815036	0.163517509	−0.283407710	0.0297546284	−0.230852880	7.539196e−02	AP000911.2
ENSG00000254495	0.9071580	0.019871774	0.678461792	−0.009134817	0.848687457	0.148340784	0.0020249715	0.024743004	6.051662e−01	AP000487.2
ENSG00000254503	40.3465786	0.019970255	0.876308134	0.106129218	0.406992900	0.185441266	0.1472481387	0.276486257	3.031874e−02	AC010319.1
ENSG00000254505	275.5714780	−0.094635523	0.226690829	−0.116012370	0.141486612	−0.135686955	0.0859279183	−0.158346149	4.709827e−02	CHMP4A
ENSG00000254521	37.7640429	0.066426934	0.417893125	0.152846431	0.061859969	0.163277831	0.0460581605	0.089136341	2.748704e−01	SIGLEC12
ENSG00000254551	0.8566156	0.051260954	0.343679067	0.077149797	0.154497082	0.150547221	0.0055305277	0.020684290	7.013705e−01	AP000873.3
ENSG00000254614	35.5388421	−0.255377292	0.025882346	−0.226692831	0.047217898	−0.170522543	0.1355532195	−0.276357156	1.507771e−02	AP003068.2
ENSG00000254633	0.4459968	−0.039050476	0.386122685	−0.089545406	0.046709886	−0.066748219	0.1381898044	−0.053770482	2.320160e−01	AL512590.2
ENSG00000254634	33.4956442	0.232752158	0.077536243	0.161263559	0.219901940	0.290749400	0.0269748708	0.033154137	8.000965e−01	SMG1P6
ENSG00000254635	1128.1131988	−0.215923693	0.003281902	−0.014941366	0.839916021	−0.176891720	0.0169305027	−0.094963243	2.039308e−01	WAC−AS1
ENSG00000254639	2.9840637	−0.201639194	0.029386907	−0.100270109	0.279286316	−0.197075768	0.0326252266	−0.091399611	3.228617e−01	AC116021.1
ENSG00000254708	2.2504129	−0.151519739	0.066682283	−0.085134944	0.303502151	−0.202715910	0.0137229961	−0.151797880	6.483288e−02	AL139174.1
ENSG00000254709	41.7663536	0.070812027	0.449094498	−0.027967413	0.764315720	0.105025127	0.2603318438	0.261397870	4.974835e−03	IGLL5
ENSG00000254718	4.8106125	0.030434277	0.790751320	0.316821424	0.005955649	0.045289990	0.6915823543	0.132927679	2.444791e−01	AL157756.1
ENSG00000254772	447.4528076	−0.187592795	0.034089266	−0.106592301	0.231195290	−0.142365807	0.1100484010	−0.299353441	8.626375e−04	EEF1G
ENSG00000254788	16.8589051	0.036135411	0.784039723	−0.312181672	0.017554588	−0.220017229	0.0941934301	0.129541276	3.224444e−01	CKLF−CMTM1
ENSG00000254812	1.7878437	−0.217313907	0.005313258	−0.152249244	0.051058764	−0.228898221	0.0032008242	−0.143991082	6.471581e−02	AC067930.3
ENSG00000254815	56.7631011	0.344064589	0.004214276	0.040451987	0.737568092	−0.157151115	0.1945674619	0.036663109	7.616596e−01	AP006284.1
ENSG00000254826	1.1911217	0.108534965	0.112388138	0.162909505	0.017362352	0.098281673	0.1491869004	0.027202254	6.886396e−01	AP001922.3
ENSG00000254838	513.3583507	0.100005333	0.374996514	0.228148678	0.043319334	0.290803543	0.0100044770	0.220434235	5.154453e−02	GVINP1
ENSG00000254842	2.1935633	0.034615109	0.651264181	0.089544359	0.242539173	0.175317685	0.0223323785	0.072406261	3.430979e−01	LINC02551
ENSG00000254855	2.5211087	−0.003904777	0.965788893	0.003484623	0.969418853	0.231743517	0.0113773900	0.049575543	5.848566e−01	AP001107.8
ENSG00000254859	30.7152268	0.040421956	0.714453456	0.232305551	0.035035971	0.108380403	0.3250521502	0.046410911	6.720906e−01	AC067930.4
ENSG00000254910	26.5873838	0.105177588	0.418732553	0.302490728	0.019687578	0.083178048	0.5209385749	0.170894446	1.852508e−01	AC136475.2
ENSG00000254944	30.8947637	0.017267380	0.895750589	−0.284520680	0.030394241	0.004459655	0.9729246972	−0.065377762	6.174575e−01	ATP5F1P5
ENSG00000254974	2.1197627	−0.138317034	0.049056099	−0.041513731	0.555448180	−0.077538146	0.2697466490	−0.120947609	8.433547e−02	AP001372.4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000254986	1804.3466363	0.011257538	8.158405e−01	0.071901047	1.408816e−01	0.0466556351	0.3397054473	0.143168834	0.0037975401	DPP3
ENSG00000254999	6373.4850878	−0.142016491	2.248718e−03	−0.002430061	9.587512e−01	−0.0156024811	0.7398784139	−0.133906182	0.0049504921	BRK1
ENSG00000255004	1.6850331	−0.161960201	2.557265e−02	−0.151384567	3.679038e−02	0.0044780554	0.9509713423	−0.183402488	0.0111106337	AL133330.2
ENSG00000255031	446.1863866	0.201770425	5.013444e−02	0.144173025	1.633806e−01	0.1336828283	0.1963432731	0.305441603	0.0032699064	AP002807.1
ENSG00000255108	64.7425245	−0.040572519	7.077411e−01	−0.051453998	6.357478e−01	−0.2385968168	0.0290816502	−0.002912261	0.9786310380	AP006621.1
ENSG00000255112	6405.4199212	−0.058183029	5.292559e−01	−0.022485525	8.089518e−01	−0.1251703603	0.1783653337	−0.329772919	0.0004305065	CHMP1B
ENSG00000255163	228.8337856	−0.254204694	3.810249e−02	−0.087162817	4.768227e−01	0.0344370016	0.7786032255	−0.289580148	0.0181424974	HSPE1P18
ENSG00000255197	2807.3671897	−0.063208133	3.416474e−01	−0.080111218	2.324417e−01	−0.1130221113	0.0921426097	−0.135281310	0.0462161161	AC090559.1
ENSG00000255198	127.3461554	−0.012512578	9.154020e−01	−0.060533078	6.078127e−01	−0.0411877404	0.7269880221	−0.354583813	0.0027347948	SNHG9
ENSG00000255200	3.0538156	−0.230622642	2.271501e−03	−0.304878763	5.163203e−05	−0.2059967703	0.0063108730	−0.281092718	0.0001850902	PGAM1P8
ENSG00000255221	10.2826535	0.069048554	5.507285e−01	−0.018633183	8.715318e−01	0.1844158890	0.1103187136	0.295005155	0.0103707857	CARD17
ENSG00000255224	19.7080814	−0.113581264	3.852030e−01	0.020663943	8.741068e−01	−0.2772444052	0.0332565678	−0.096580329	0.4566133414	AC109322.1
ENSG00000255284	58.6264632	−0.214749002	7.512689e−02	−0.165935283	1.688185e−01	−0.3147928430	0.0092225902	−0.287025201	0.0175756512	AP006621.3
ENSG00000255302	5995.7580345	−0.139681630	1.681637e−03	−0.050932663	2.572443e−01	−0.0837454375	0.0625739085	−0.096660097	0.0339950640	EID1
ENSG00000255310	49.6494897	0.222974139	7.336784e−02	0.396430713	1.415408e−03	0.4106719113	0.0009489281	0.318436639	0.0103993497	AF131215.5
ENSG00000255354	20.2434555	0.212248180	3.739460e−02	0.205661640	4.306160e−02	0.1056983971	0.2980308680	0.224673672	0.0265856017	AC022239.2
ENSG00000255369	0.8318808	0.063030097	2.093580e−01	0.013391488	7.892379e−01	0.1433178822	0.0043614077	0.007137010	0.8865225835	AP000920.1
ENSG00000255434	0.7708149	0.003077820	9.550752e−01	0.133457011	1.516421e−02	−0.0047675583	0.9302739591	0.065578940	0.2305238628	AP001922.6
ENSG00000255443	61.1777857	0.439314434	7.947283e−04	0.122735270	3.467762e−01	0.0560197494	0.6675623139	0.045328737	0.7269792176	CD44−AS1
ENSG00000255449	9.9821393	0.244007564	6.192156e−02	0.095838124	4.615180e−01	0.2675487306	0.0400288851	0.118869639	0.3584684581	AP002812.5
ENSG00000255508	28.2078632	0.261634436	4.309586e−02	0.196630130	1.279383e−01	0.3898527175	0.0025085550	0.429211974	0.0008510574	AP002990.1
ENSG00000255517	78.3882486	0.023137220	8.416444e−01	−0.060790940	6.004763e−01	−0.0147697357	0.8987398612	−0.267937969	0.0216313774	AP002748.3
ENSG00000255518	3.8343164	0.092853208	2.546086e−01	0.152969258	6.032104e−02	0.0796679524	0.3267370323	0.189021082	0.0201401240	AC022239.3
ENSG00000255568	6.8427252	−0.130915002	2.345875e−01	−0.107627857	3.273606e−01	−0.1395279214	0.2035390745	−0.236195324	0.0303324936	BRWD1−AS2
ENSG00000255587	268.9054367	0.073825882	5.729139e−01	0.074427577	5.688507e−01	0.1108722486	0.3960324321	0.413368029	0.0015009482	RAB44
ENSG00000255627	0.8799876	−0.136208729	3.296841e−02	−0.062150706	3.323420e−01	−0.0840012076	0.1885890618	−0.120043232	0.0597522398	AC092862.1
ENSG00000255710	11.4208984	0.129970823	3.071227e−01	0.300484676	1.797720e−02	0.1753030439	0.1667224871	0.168271613	0.1824976679	AP003170.1
ENSG00000255769	28.8007974	−0.251172702	3.425326e−02	−0.225489472	5.653250e−02	−0.1246271344	0.2920614983	−0.161758073	0.1693408840	GOLGA2P10
ENSG00000255772	4.5130225	−0.215422785	1.915707e−02	−0.070217722	4.454498e−01	−0.0862411969	0.3480758298	−0.108595266	0.2365938939	LINC01479
ENSG00000255836	19.0025005	−0.297952268	2.268867e−02	−0.062468402	6.313082e−01	0.0795191338	0.5409434076	−0.158041302	0.2239463507	AC131206.1
ENSG00000255968	14.8051073	0.081586234	5.231538e−01	0.190339833	1.354074e−01	0.2500387269	0.0498656071	−0.003724973	0.9765146378	AC024145.1
ENSG00000256001	3.5827397	−0.121944161	3.976059e−02	−0.089554585	1.306759e−01	−0.1157261327	0.0506037923	−0.048847644	0.4096713392	AC079949.1
ENSG00000256060	119.2032533	−0.257435812	2.205490e−02	0.038401973	7.324313e−01	−0.2401468952	0.0331599298	−0.326773384	0.0038328404	AC003002.1
ENSG00000256073	86.4569643	−0.203292421	9.987263e−02	−0.178514162	1.482074e−01	−0.2801786419	0.0233892265	−0.149372018	0.2262220861	URB1−AS1
ENSG00000256091	3.8693176	0.149590192	1.106915e−01	0.077129578	4.090367e−01	0.1825044241	0.0511759146	0.183313109	0.0493821808	MTRF1LP1
ENSG00000256101	1.0737621	0.012229370	8.610123e−01	0.066232109	3.439408e−01	0.0646693987	0.3543281735	0.173787592	0.0134037803	AC092745.1
ENSG00000256103	1.4945171	−0.050055289	5.584414e−01	−0.082934002	3.303855e−01	−0.1717789699	0.0422065239	−0.137247137	0.1054917459	ATP5J2P5
ENSG00000256167	39.5762303	−0.213131659	8.464830e−02	−0.242405741	4.980014e−02	−0.3156901183	0.0107636723	−0.173768693	0.1592495775	ATF4P4
ENSG00000256176	3.6608561	−0.226739565	1.395426e−02	−0.302427756	9.837620e−04	−0.1139962311	0.2162785796	0.009277345	0.9200048461	AC024940.3
ENSG00000256185	2.2206546	−0.013923848	8.754467e−01	−0.113854310	1.968654e−01	−0.1973788273	0.0244667119	0.003462411	0.9688007380	AC055720.2
ENSG00000256238	112.0577116	−0.244974476	1.480285e−02	−0.272456040	7.033513e−03	−0.1026886092	0.3082149588	−0.157287194	0.1200371546	SUPT16HP1
ENSG00000256249	1.1374591	−0.069010289	2.898565e−01	−0.092675376	1.541443e−01	−0.0714931006	0.2712225642	−0.135727649	0.0364617771	AC026333.3
ENSG00000256269	731.6440461	−0.154716489	2.935477e−02	−0.055003895	4.421538e−01	−0.2019480111	0.0048693479	−0.066920282	0.3546671694	HMBS
ENSG00000256338	40.8611344	−0.055355719	6.581610e−01	0.028789931	8.176644e−01	0.1050524537	0.3999946146	−0.292758236	0.0194325276	RPL41P2
ENSG00000256347	1.7301742	0.145441846	3.856289e−02	0.100919580	1.501313e−01	0.0784940984	0.2619819220	−0.020568386	0.7677326225	OR8R1P
ENSG00000256385	1.5864803	−0.186960412	1.509861e−02	−0.072227110	3.495222e−01	−0.2002283356	0.0089575201	−0.205552983	0.0073217361	UBE2NP1
ENSG00000256393	47.0512443	−0.080129069	4.889480e−01	−0.034152610	7.681025e−01	−0.0573972594	0.6207319502	−0.279946401	0.0164012737	AC138123.1
ENSG00000256436	6.8980759	0.088867864	4.315802e−01	0.085791996	4.459741e−01	0.2402651078	0.0332165846	0.165989518	0.1394886792	TAS2R31
ENSG00000256448	27.1416475	0.315083810	1.681730e−02	0.258613341	4.907436e−02	0.1230610489	0.3491244726	0.156698981	0.2313443115	AP000763.3
ENSG00000256452	1.6572800	0.034140976	6.668767e−01	0.006761124	9.318696e−01	−0.0393379769	0.6174391029	0.201171664	0.0114980202	AP003170.3
ENSG00000256525	465.2839182	0.184088650	1.952585e−02	0.055323935	4.868755e−01	0.1582422438	0.0465505883	0.033711590	0.6747053771	POLG2
ENSG00000256552	4.1997529	0.088847729	3.189437e−01	0.022443452	8.005828e−01	0.2743352763	0.0021225467	0.131530845	0.1382544884	AC092745.2
ENSG00000256594	548.6682084	−0.024806896	7.522223e−01	0.055659143	4.817214e−01	−0.0004250549	0.9957177043	−0.159008605	0.0469820505	AC010186.2
ENSG00000256603	0.6172927	0.021294778	6.017443e−01	0.007222294	8.594100e−01	0.0853321539	0.0366152983	0.020602558	0.6132458292	AP003170.4
ENSG00000256612	31.0053871	−0.239320533	3.929530e−02	−0.178538411	1.229431e−01	−0.3009852311	0.0092551316	−0.307641115	0.0075406711	CYP2B7P
ENSG00000256618	3.5981835	0.048603997	6.323451e−01	0.084348323	4.062199e−01	0.2683978038	0.0085255690	0.034175593	0.7344942988	MTRNR2L1
ENSG00000256651	1.7471203	0.099964291	1.846185e−01	−0.050918504	4.958268e−01	−0.0224071067	0.7642928391	0.161422153	0.0320010211	AC006518.1
ENSG00000256660	231.9837223	0.430208889	1.083219e−03	0.246627704	6.029074e−02	0.2412050235	0.0661606038	0.451164249	0.0005624097	CLEC12B
ENSG00000256663	31.0396272	0.111344370	3.851188e−01	0.017748560	8.894309e−01	0.1270092331	0.3199436818	0.338050599	0.0078713020	AC112777.1
ENSG00000256742	8.8113676	−0.021333976	8.591185e−01	−0.114843185	3.370919e−01	−0.1183812640	0.3220745453	−0.303772302	0.0104146345	AC145422.1
ENSG00000256745	2363.4155365	−0.192984191	4.555496e−05	−0.015452228	7.463791e−01	−0.0666932533	0.1631089960	−0.131515534	0.0066751856	AP002784.2
ENSG00000256806	20.5946230	0.148843213	2.426856e−01	0.271226782	3.273807e−02	0.1198816467	0.3447106169	0.308718238	0.0145971178	C17orf100
ENSG00000257017	14.1298974	0.179857606	7.652345e−02	0.176424655	8.142563e−02	0.1808814647	0.0739334447	0.201846806	0.0454317036	HP
ENSG00000257038	0.8735949	−0.082255381	2.346979e−01	−0.051551720	4.572010e−01	−0.1002789905	0.1457412434	−0.167421683	0.0146385510	AP002761.3
ENSG00000257093	1116.5323704	0.097153700	2.233843e−01	0.158527508	4.859819e−02	0.2183388903	0.0065988334	−0.009992284	0.9020242688	KIAA1147
ENSG00000257122	223.1136830	0.270914905	1.070119e−02	0.236876744	2.611579e−02	0.0406423316	0.7032846281	0.157202248	0.1420613686	RRN3P3
ENSG00000257175	6.0979879	0.283939507	1.090625e−02	0.135747237	2.204140e−01	0.2426576128	0.0287338370	0.260913936	0.0183633696	CR383656.2
ENSG00000257218	475.4472564	0.067742728	3.613080e−01	0.142122077	5.718268e−02	0.0703793033	0.3471028474	0.177915962	0.0183913980	GATC
ENSG00000257243	0.9615105	0.203023309	9.171707e−04	0.016037578	7.914791e−01	−0.0054713890	0.9279094063	0.023764603	0.6949078082	AC020612.1
ENSG00000257270	65.4466239	−0.102103153	3.451209e−01	−0.163857110	1.316466e−01	0.0694902569	0.5204290080	−0.225757332	0.0385565676	AL928654.3
ENSG00000257275	7.0887571	0.188228760	2.055315e−02	0.053305837	5.103763e−01	−0.0058844628	0.9420035954	0.133365672	0.0991599740	AL139020.1
ENSG00000257307	9.9488614	0.236835073	6.608049e−02	0.124847913	3.302420e−01	0.2782206691	0.0302519417	0.407005870	0.0014697752	AL162311.2
ENSG00000257315	277.9174785	0.002988243	9.766864e−01	0.071133968	4.881761e−01	0.2378778058	0.0203098429	0.075955400	0.4612643806	ZBED6
ENSG00000257335	24.7282539	0.178830877	1.339316e−01	0.184290505	1.211685e−01	0.2753957616	0.0205903864	0.189193858	0.1097757840	MGAM
ENSG00000257507	0.5770754	0.086713299	4.020159e−02	−0.016475557	6.955276e−01	0.0011004590	0.9791351915	0.012029477	0.7750615042	LINC02373
ENSG00000257511	1020.0345115	−0.132099508	5.837412e−02	−0.136476132	5.262148e−02	−0.1127997527	0.1092492246	−0.214958059	0.0025378497	AC084824.1
ENSG00000257545	4.8891540	0.282648958	1.444350e−02	0.213415491	6.342987e−02	0.2396621167	0.0370493304	0.093935654	0.4097489741	AC079385.1
ENSG00000257579	1.5579737	0.206063451	2.049662e−02	0.087816142	3.195167e−01	0.0077548481	0.9294392456	0.069572852	0.4275986470	AC007540.1
ENSG00000257582	1.3043750	0.009644566	8.534223e−01	0.039715435	4.468071e−01	0.0724948983	0.1648676867	0.106133851	0.0422245244	LINC01475
ENSG00000257675	2.8992630	0.029332423	7.605918e−01	0.219411066	2.349949e−02	0.1045162871	0.2778601104	0.007259066	0.9393855626	BTBD10P1
ENSG00000257681	16.2680097	0.055775758	6.641188e−01	0.268484660	3.620278e−02	0.1549973391	0.2260876359	0.085342945	0.5027880837	AC025265.1
ENSG00000257704	249.0244660	0.205385853	4.731084e−02	−0.068755902	5.091944e−01	−0.0525674906	0.6138639702	0.047509436	0.6496043149	INAFM1
ENSG00000257718	6.8637730	−0.068800041	5.447088e−01	−0.253497717	2.452366e−02	−0.1949909137	0.0837976717	−0.067046535	0.5521062875	AC067735.1
ENSG00000257769	1.2306748	−0.030476294	7.086702e−01	−0.184033592	2.224587e−02	−0.1353230703	0.0929660784	−0.063137336	0.4370934927	AC026401.1
ENSG00000257773	87.3427661	−0.337677679	1.544053e−03	−0.021642231	8.385215e−01	0.0222703375	0.8338868126	−0.185395732	0.0830863126	AC011595.2
ENSG00000257790	176.2451973	0.025940367	7.843504e−01	−0.119937911	2.092176e−01	−0.1888172374	0.0485311920	0.059914887	0.5320068247	EIF4A1P4
ENSG00000257802	6.2910708	−0.096023612	3.840235e−01	−0.240910635	2.792721e−02	−0.1439728832	0.1895021129	−0.226268612	0.0382991551	AC089984.2
ENSG00000257818	0.8208717	0.111587321	4.563338e−02	−0.040840161	4.608353e−01	0.0694389104	0.2114388673	0.002262245	0.9674652482	C1GALT1P1
ENSG00000257941	22.3569475	−0.131319313	3.192495e−01	−0.209212357	1.114654e−01	0.0994973441	0.4490070288	−0.289489470	0.0270208749	AC011611.5
ENSG00000257950	42.9698390	0.133823880	2.781579e−01	0.265340872	3.121928e−02	0.0573566506	0.6426427036	0.220433746	0.0734631849	P2RX5−TAX1BP3
ENSG00000257957	1.6030683	−0.135602893	4.391268e−02	−0.057239576	3.957450e−01	−0.0489757399	0.4669619258	−0.085521050	0.2034794336	QRSL1P3
ENSG00000258048	1.0249236	0.149866640	2.934847e−02	0.084396451	2.177340e−01	0.1142385375	0.0950574279	0.077965207	0.2536276476	AC073569.2
ENSG00000258082	20.9252103	0.134822716	3.014215e−01	0.276663446	3.343015e−02	0.1432681271	0.2704038926	−0.127141362	0.3251275469	AL391832.3
ENSG00000258086	10.5445204	0.229872631	4.244937e−02	0.189796219	9.265002e−02	−0.0182097383	0.8714024260	0.048384825	0.6660647626	AC079313.1
ENSG00000258168	2.8417606	−0.216017100	4.495974e−03	−0.049485857	5.163596e−01	−0.1652905284	0.0295399745	−0.217997235	0.0039988747	AC025569.1
ENSG00000258256	3.1020493	−0.088040602	3.181328e−01	−0.140407156	1.101283e−01	−0.0711754808	0.4184378769	−0.179343714	0.0404095769	AC011773.3
ENSG00000258303	1.2869756	0.011240149	8.699923e−01	0.146946053	3.323675e−02	0.0027691833	0.9677260614	0.110200689	0.1091653862	AC012464.2
ENSG00000258365	26.0393033	0.352772124	6.353363e−03	−0.093898652	4.685355e−01	0.0216066289	0.8674427872	0.041112097	0.7500126691	AC073655.2
ENSG00000258384	16.8065610	0.142712742	2.769058e−01	0.099304467	4.482875e−01	0.1908849504	0.1448338937	0.301811315	0.0205959177	AC068831.3
ENSG00000258424	40.3372146	0.228267750	8.023639e−02	0.233311764	7.312309e−02	0.4314108237	0.0009139267	0.237662504	0.0671748348	AL512791.1
ENSG00000258429	82.6840208	−0.320996244	5.555756e−03	−0.229588270	4.734586e−02	−0.1808242398	0.1182473510	−0.159863677	0.1675661549	PDF
ENSG00000258439	4.3127446	0.039433497	6.925250e−01	0.150161346	1.319761e−01	0.2025024276	0.0422830252	−0.018877539	0.8488186947	AC007956.1
ENSG00000258441	421.6017206	0.116067609	3.070353e−01	0.063175673	5.790382e−01	0.1992407604	0.0800824289	0.251019627	0.0277446468	LINC00641
ENSG00000258449	42.3058077	0.171295909	1.427850e−01	0.280832484	1.612785e−02	0.3858570376	0.0009294952	0.106624056	0.3635681745	AC023510.1
ENSG00000258509	3.1041169	−0.173061217	8.501431e−02	−0.099831136	3.209923e−01	−0.1108560620	0.2695505844	−0.271869531	0.0062340530	AL049870.1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000258515	70.9049059	0.061642705	0.6222925122	−0.0126743139	9.193101e−01	0.290115119	2.017570e−02	−0.021148677	0.8656642625	AL355075.2
ENSG00000258555	1.7685058	−0.093363915	0.2692233418	−0.0006765554	9.936321e−01	−0.099717392	2.363324e−01	−0.190676769	0.0227112332	SPECC1L−ADORA2A
ENSG00000258559	26.0128620	0.052787881	0.6870228000	0.0535837171	6.817934e−01	0.091455291	4.840514e−01	0.330066105	0.0112272455	AC005519.2
ENSG00000258561	1.6447364	−0.054692226	0.4729235092	−0.1754968581	2.050034e−02	0.010387407	8.916066e−01	−0.144982895	0.0550521071	AL359232.1
ENSG00000258565	1.4895781	0.139502135	0.0324850574	0.0018978794	9.766626e−01	0.075029381	2.480577e−01	−0.053876253	0.4041815047	BLZF2P
ENSG00000258571	4.8465296	−0.099529730	0.3421411992	−0.1398651117	1.804098e−01	−0.116917679	2.626256e−01	−0.235102139	0.0233174937	PTTG4P
ENSG00000258634	84.0691753	0.087805430	0.4511021869	0.1061138025	3.631208e−01	0.371591078	1.404449e−03	0.117876847	0.3126678463	AL160006.1
ENSG00000258658	1.9789321	0.168875933	0.0828125231	0.0774043981	4.224940e−01	0.111277791	2.487158e−01	0.345374687	0.0004131433	AL139021.2
ENSG00000258674	14.7129174	0.432567293	0.0010052619	0.1507645472	2.496032e−01	0.256267288	5.040866e−02	0.279848389	0.0318950312	AC011448.1
ENSG00000258704	14.6496022	−0.145609207	0.2693495967	−0.1243376216	3.441009e−01	−0.263234049	4.519967e−02	−0.054675074	0.6761435009	SRP54−AS1
ENSG00000258727	356.5439999	0.112957493	0.1231042538	0.1452718033	4.905865e−02	0.145354362	4.911402e−02	0.026897629	0.7190681435	AL135999.1
ENSG00000258731	4.0820175	0.195101842	0.0477898654	0.1663212406	9.050935e−02	0.074077375	4.492435e−01	−0.053052863	0.5854606211	AL356020.1
ENSG00000258741	184.0188077	−0.071797696	0.3887513963	−0.0725935091	3.866519e−01	−0.178390524	3.412699e−02	−0.092067172	0.2768922512	AC091544.3
ENSG00000258811	2.4973866	−0.045425743	0.6272697279	0.0481413087	6.078158e−01	−0.197636753	3.299392e−02	−0.188977261	0.0407241244	AL583810.2
ENSG00000258843	1.1036833	0.023617720	0.7016932586	0.0769658683	2.128791e−01	0.125712609	4.196706e−02	−0.017437930	0.7762547271	AL133485.1
ENSG00000258867	11.7412723	0.357802965	0.0030300341	0.4133036089	5.934772e−04	0.121150825	3.120495e−01	0.272634099	0.0225391440	LINC01146
ENSG00000258890	1061.0602524	0.210034563	0.0001679960	0.1118964709	4.760251e−02	0.135529841	1.645248e−02	0.087466307	0.1262290664	CEP95
ENSG00000258929	51.2336400	0.330774798	0.0109029889	0.3093641611	1.703642e−02	0.173642463	1.808038e−01	0.188134132	0.1460722478	NA
ENSG00000258947	1.7043142	0.218190243	0.0031504883	0.0875403724	2.333407e−01	0.077003617	2.935163e−01	0.010391434	0.8868184577	TUBB3
ENSG00000259005	2.1567080	0.133638916	0.0474598621	0.1497067670	2.629383e−02	0.016906860	8.009969e−01	0.041908303	0.5319149468	AC005479.2
ENSG00000259032	505.2668214	−0.069387438	0.2859161585	0.0513116590	4.329413e−01	−0.163102761	1.316431e−02	0.001067836	0.9871538958	ENSAP2
ENSG00000259051	240.0234058	0.045255448	0.6231954225	0.1605601911	8.249470e−02	−0.025486010	7.835695e−01	0.188612357	0.0427553690	HNRNPUP1
ENSG00000259062	1.0544785	0.190005626	0.0079349211	−0.0528218305	4.539535e−01	−0.021938357	7.556701e−01	0.025709252	0.7157981645	ACTN1−AS1
ENSG00000259086	92.8814300	−0.353810119	0.0005550264	−0.0777530882	4.462434e−01	−0.230552659	2.459785e−02	−0.191861784	0.0623773777	AL136298.3
ENSG00000259088	10.4183565	−0.208395155	0.0802330362	−0.2770366558	1.945533e−02	−0.231983317	5.040418e−02	−0.080866187	0.4945337614	AL137779.2
ENSG00000259116	25.6369310	0.014544337	0.9110194758	−0.0130419468	9.200247e−01	0.293748655	2.345306e−02	0.158641893	0.2201665570	AL049869.3
ENSG00000259120	5.9854947	−0.029636826	0.7647545024	0.2034536760	4.035026e−02	0.027291996	7.824555e−01	−0.066386786	0.4995587093	SMIM6
ENSG00000259161	0.4716465	0.011904861	0.7620568461	−0.0099339816	8.003758e−01	0.098148646	1.256058e−02	0.006469320	0.8691230766	AL137779.3
ENSG00000259162	4.1466229	0.054093103	0.5479588828	0.2053806372	2.273179e−02	0.099569207	2.678600e−01	0.046283973	0.6051699957	AL355075.5
ENSG00000259216	6.0274235	−0.047013814	0.6773225812	−0.0943295928	4.017715e−01	0.276483114	1.472941e−02	0.008559569	0.9392164355	AC084757.1
ENSG00000259232	3.5429893	0.099480005	0.2682372408	0.0630941522	4.812130e−01	0.191755379	3.272707e−02	0.158068261	0.0774276137	AC105129.1
ENSG00000259250	24.1593038	0.067986017	0.6032250945	−0.1488079278	2.547675e−01	0.105709709	4.179441e−01	0.288741042	0.0262551547	AC018904.1
ENSG00000259308	6.6841208	−0.208865953	0.0818329833	−0.3024173455	1.124367e−02	−0.074991408	5.313897e−01	−0.017251455	0.8852800353	AC024270.1
ENSG00000259321	21.5034384	0.178078824	0.1766814141	0.1172229340	3.722582e−01	0.269870840	3.998106e−02	0.030831682	0.8136566684	AL136295.2
ENSG00000259330	610.8064380	−0.230559167	0.0091172961	−0.0629086606	4.790561e−01	−0.224203340	1.176435e−02	−0.293688508	0.0010585418	INAFM2
ENSG00000259354	7.4889271	0.302469954	0.0076293333	0.0438347539	6.967394e−01	−0.003677962	9.738693e−01	−0.040820096	0.7149714900	AC025580.2
ENSG00000259367	3.0996662	0.213873438	0.0305584055	0.2658199567	7.203789e−03	−0.011413615	9.070579e−01	0.006636661	0.9456701066	AC087286.2
ENSG00000259394	14.2343796	−0.263910701	0.0429399188	−0.1325886549	3.080415e−01	−0.210223054	1.057848e−01	−0.114606661	0.3758108418	AC079328.1
ENSG00000259407	32.4087445	0.279739559	0.0331550430	0.0759466365	5.615230e−01	0.041909343	7.486420e−01	0.215616920	0.0978730000	AC021739.2
ENSG00000259413	0.4675518	0.025851639	0.4516433439	0.0090466491	7.921395e−01	0.071891716	3.623631e−02	0.013207094	0.7002956096	AC011270.1
ENSG00000259417	4.0590360	0.141418695	0.1562595687	0.2688266956	7.105420e−03	0.044436902	6.539397e−01	0.037505380	0.7041764924	CTXND1
ENSG00000259419	13.8497130	0.054184526	0.6810950214	0.1569851510	2.323364e−01	−0.299272487	2.266337e−02	0.151818478	0.2460856375	HNRNPCP3
ENSG00000259425	0.5101146	0.089443596	0.0469431695	0.0089850605	8.413581e−01	−0.004620568	9.178895e−01	0.022481911	0.6164331234	AC011767.1
ENSG00000259453	3.7822135	−0.070994703	0.4781105097	0.0492686145	6.230439e−01	−0.130895474	1.886127e−01	−0.238225867	0.0159897746	AC087286.4
ENSG00000259479	15.6066442	0.179789126	0.1604759059	0.2833228412	2.648412e−02	0.061830837	6.274911e−01	0.068678826	0.5883997617	SORD2P
ENSG00000259493	2.6763618	−0.233870299	0.0174449484	−0.1092509577	2.679437e−01	−0.215151916	2.811979e−02	−0.089275089	0.3647351522	AC023968.2
ENSG00000259494	119.4542294	0.053980662	0.5780789624	0.1087623611	2.643433e−01	0.240426976	1.339617e−02	0.266030114	0.0063938988	MRPL46
ENSG00000259516	24.3505726	−0.064489285	0.6168715538	0.3358932711	8.722040e−03	−0.040189850	7.548373e−01	0.263014436	0.0397934237	ANP32AP1
ENSG00000259520	2.7726476	−0.167612554	0.0440827077	−0.0575132829	4.900310e−01	−0.253472271	2.174532e−03	−0.063929283	0.4424525575	AC051619.5
ENSG00000259529	130.4375481	0.220690463	0.0728081030	0.1329466947	2.798981e−01	0.159984997	1.935234e−01	0.251359873	0.0409503544	AL136295.5
ENSG00000259536	18.8360591	−0.081098513	0.5257233142	−0.0023246195	9.854499e−01	0.012183652	9.238856e−01	−0.298079166	0.0196081517	AC091045.1
ENSG00000259540	2.7283764	0.218328284	0.0113056400	0.1012198890	2.372131e−01	0.140645865	1.005131e−01	0.070300591	0.4106193615	AC027020.1
ENSG00000259544	15.5285398	0.272591048	0.0344055758	0.2633381132	4.077741e−02	0.253704303	4.892330e−02	0.177594203	0.1669198976	AC021739.4
ENSG00000259548	0.5639646	0.009209229	0.7963121059	0.0004404111	9.901501e−01	0.014436638	6.855983e−01	0.093980792	0.0085543104	AC021483.1
ENSG00000259589	1.4650370	0.232477238	0.0061451985	−0.0269953338	7.464038e−01	0.173282932	3.981444e−02	0.059457525	0.4765493288	AC073167.1
ENSG00000259595	7.9559529	−0.061956526	0.6205405543	0.0404819418	7.458792e−01	0.087080640	4.857822e−01	0.290898466	0.0197582947	AC025043.1
ENSG00000259628	5.0571734	0.124922059	0.2226335460	0.2296750659	2.490767e−02	0.144701353	1.564378e−01	0.054608871	0.5908248729	AC007000.3
ENSG00000259637	0.6736860	−0.025953107	0.5637615445	−0.0921766466	3.977472e−02	−0.064462497	1.502834e−01	−0.086719636	0.0529552284	DNM1P38
ENSG00000259641	1.7112308	−0.016724991	0.8044751408	0.1363626261	4.438773e−02	0.059645120	3.774001e−01	0.061126181	0.3654308227	PCAT29
ENSG00000259659	9.2216969	0.271853593	0.0264617463	0.2550633451	3.649600e−02	0.103147455	3.962843e−01	0.077864314	0.5203024039	AC009996.1
ENSG00000259670	1.2952401	0.152890522	0.0419336911	−0.0018296930	9.803823e−01	0.085247280	2.531696e−01	0.063499619	0.3946692781	AC012379.1
ENSG00000259677	3.0611514	−0.289258038	0.0008403345	−0.1391699589	1.089727e−01	−0.176255238	4.188832e−02	−0.278597025	0.0012456311	AC027176.2
ENSG00000259706	59.2841561	−0.352423908	0.0040314521	−0.0784788922	5.204821e−01	−0.087543825	4.737269e−01	−0.072722615	0.5514816809	HSP90B2P
ENSG00000259746	27.2197856	−0.008556861	0.9467760444	0.3077323866	1.579831e−02	0.120658794	3.452640e−01	−0.012047796	0.9248533094	HSPE1P3
ENSG00000259762	1.8994535	0.221680193	0.0099804373	0.1662423532	5.220345e−02	0.009571655	9.101503e−01	0.131394309	0.1235396700	AC021739.5
ENSG00000259820	51.3104574	0.518627290	0.0000274024	0.2688273582	2.899152e−02	0.081046398	5.100541e−01	0.092503230	0.4499777071	AC083843.2
ENSG00000259863	0.9527737	0.052483944	0.4067828674	0.0616807175	3.294711e−01	0.060474276	3.379627e−01	0.211448261	0.0008898002	SH3RF3−AS1
ENSG00000259868	1.8476640	0.094036283	0.1888443316	0.1998968094	5.312822e−03	0.082263124	2.487722e−01	0.161590072	0.0238471036	AL163952.1
ENSG00000259877	22.3426447	0.031266410	0.8120822906	0.0564882042	6.666848e−01	0.094583856	4.708081e−01	0.350786874	0.0072260020	AC009113.1
ENSG00000259884	60.2104330	0.232638532	0.0773542591	0.2837076239	3.069079e−02	0.221818728	9.107938e−02	0.136195447	0.2974169045	AC025259.3
ENSG00000259891	36.2029874	0.299840470	0.0216156585	0.1271559181	3.292349e−01	0.036709858	7.783133e−01	−0.004204294	0.9742004407	AC107375.1
ENSG00000259899	7.3321165	−0.164122096	0.1423991503	−0.2744498075	1.367123e−02	−0.021047317	8.506238e−01	−0.201103377	0.0698850389	AC010333.2
ENSG00000259943	67.6843679	0.048857518	0.6556217184	0.2303516354	3.522600e−02	0.085715337	4.353589e−01	0.248092718	0.0236627350	AL050341.2
ENSG00000259954	1.7224588	0.182260988	0.0199982606	0.0380858735	6.240139e−01	0.089769058	2.482107e−01	0.077654791	0.3179189587	IL21R−AS1
ENSG00000259956	3342.8281233	−0.035043871	0.4844575391	−0.1315065816	9.490512e−03	−0.148647162	3.379841e−03	−0.062881720	0.2208259002	RBM15B
ENSG00000259959	37.5512181	0.044294707	0.7368206707	0.0964814046	4.628134e−01	0.217696941	9.756399e−02	0.269226658	0.0396969923	AC107068.1
ENSG00000259972	134.2840279	0.095385326	0.3491316024	0.1357505259	1.842496e−01	0.225800378	2.706954e−02	0.153908438	0.1338665375	AC009120.2
ENSG00000259994	33.5946425	0.070685398	0.5809086911	0.0405890212	7.509830e−01	0.377199542	3.097665e−03	0.276789359	0.0297637076	AL353796.1
ENSG00000260000	12.2272164	0.134703418	0.2823712559	0.1795170858	1.507101e−01	0.332964730	7.762584e−03	−0.028888802	0.8157153843	AL133338.1
ENSG00000260101	75.8573421	0.203056688	0.1091487687	0.1788315485	1.578383e−01	0.052342807	6.795907e−01	0.258113918	0.0411872317	AC008074.3
ENSG00000260114	48.0445891	0.057634102	0.6488141030	0.1496257006	2.360836e−01	0.251372111	4.641951e−02	−0.062226614	0.6225670935	AC120114.2
ENSG00000260177	0.6299619	−0.013554363	0.7878292736	0.1102292545	2.954593e−02	0.001329150	9.789097e−01	0.036453048	0.4697306254	AC126696.1
ENSG00000260190	4.5564529	0.320142360	0.0017560694	0.1055231808	2.987052e−01	0.176530909	8.238188e−02	0.043277469	0.6677617680	AL807752.5
ENSG00000260196	23.2956932	0.359275186	0.0052431016	0.1292946735	3.127619e−01	−0.020999001	8.696433e−01	−0.047606375	0.7084721149	AC124798.1
ENSG00000260197	10.0710850	0.110715568	0.3350671839	−0.4361971628	6.357659e−05	−0.443813288	4.491627e−05	0.281911783	0.0152418815	AC010889.1
ENSG00000260219	50.6636439	−0.306567859	0.0123853736	−0.2407769251	4.934666e−02	−0.067989898	5.781887e−01	−0.232784072	0.0570689095	AC106782.2
ENSG00000260228	17.7010235	0.078420963	0.5477968137	0.3086466586	1.774618e−02	0.198976868	1.261555e−01	−0.001776045	0.9890411782	AC009119.1
ENSG00000260253	0.6517789	0.108858104	0.0369944311	0.0422069710	4.167879e−01	0.043351801	4.033187e−01	0.032973206	0.5253664661	AC084262.1
ENSG00000260257	67.5994552	0.263111069	0.0431214789	0.1616973004	2.130623e−01	0.117496541	3.656809e−01	0.236330354	0.0679670646	AL035071.1
ENSG00000260271	0.3758162	−0.050397727	0.1489286425	−0.0676491306	5.260807e−02	−0.071242286	4.124418e−02	−0.067778357	0.0520458060	AL132996.1
ENSG00000260293	4.8126243	0.328622437	0.0016053555	0.2382427451	2.149687e−02	0.178622543	8.394346e−02	0.109838544	0.2856295446	AC106820.4
ENSG00000260296	14.5534324	0.131728428	0.2870856520	0.1057687803	3.906562e−01	0.318748891	9.805106e−03	0.262219528	0.0328028006	AC095057.3
ENSG00000260306	9.2248119	0.168283772	0.1391391246	0.1833818036	1.057926e−01	0.142463990	2.083595e−01	0.270937379	0.0165818592	AC092375.2
ENSG00000260360	17.0950807	0.214992941	0.0999380485	0.2026450399	1.196375e−01	0.294602937	2.369975e−02	0.279450783	0.0311167113	AL353708.1
ENSG00000260368	5.2551214	0.214678756	0.0283734832	0.1269071053	1.930649e−01	0.094489903	3.317530e−01	−0.029970341	0.7569189344	AC027373.1
ENSG00000260382	3.2566801	0.114730523	0.1926415797	0.2348384906	7.677793e−03	0.057444432	5.116166e−01	0.146322145	0.0956628026	AC087481.1
ENSG00000260388	7.4024623	0.307924505	0.0116847120	0.0642175622	5.955452e−01	0.189563635	1.177941e−01	0.254877707	0.0352064731	LINC00562
ENSG00000260404	520.5882542	0.205975574	0.0170699641	0.0593030976	4.955950e−01	0.109627953	2.077321e−01	0.086457406	0.3243383643	AC110079.1
ENSG00000260420	35.7576191	0.039150120	0.7654822298	−0.0774750085	5.534608e−01	−0.075640072	5.628652e−01	−0.293151782	0.0242562328	LINC02182
ENSG00000260488	0.7090906	0.001928292	0.9672530886	0.1159625507	1.394721e−02	−0.004310288	9.267331e−01	0.018289224	0.6967607497	AC007216.1
ENSG00000260517	145.5333643	0.265952099	0.0304984217	0.0915424030	4.567349e−01	0.037533556	7.603519e−01	−0.181358785	0.1406886676	AC009093.2
ENSG00000260521	120.1068129	−0.146248980	0.1412227604	−0.0798229379	4.232169e−01	−0.270873945	6.864889e−03	−0.094291089	0.3471337197	NA
ENSG00000260563	172.5888501	0.071512022	0.4823110640	0.0607674078	5.520770e−01	−0.281502904	6.152595e−03	−0.034901187	0.7344035380	AC132872.1
ENSG00000260583	1.7072601	0.118532454	0.0813811066	0.1618746947	1.736380e−02	0.039432635	5.601229e−01	0.066408475	0.3264733354	AP000223.1
ENSG00000260608	3.1742930	−0.143857835	0.1213661518	−0.1671844766	7.095595e−02	−0.181911792	4.902674e−02	−0.141581021	0.1254189857	AC024270.4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000260617	1.316867e+01	−0.182268699	1.653443e−01	−0.3198204770	0.014723055	−0.187900259	0.1516537206	−0.125065918	3.380566e−01	AC138028.5
ENSG00000260672	1.318148e+00	−0.021220357	7.320499e−01	−0.0587409771	0.342155799	0.171503727	0.0058877223	0.030195043	6.259109e−01	AC100827.4
ENSG00000260704	1.977563e+00	0.249581648	1.648491e−03	0.0816957560	0.299465875	0.071322405	0.3640784379	−0.037278101	6.327977e−01	LINC00543
ENSG00000260708	3.405733e+02	−0.105909685	4.112691e−01	−0.0993433680	0.440087880	−0.399267159	0.0019220264	−0.484497096	1.618550e−04	AL118516.1
ENSG00000260719	3.227486e+01	0.104731247	4.260072e−01	−0.1117773864	0.394448632	0.321834028	0.0141336649	0.088010420	5.008448e−01	AC009133.3
ENSG00000260744	1.620758e+00	0.288758625	2.461814e−04	0.0960437474	0.218152259	0.130880213	0.0932533989	0.045147602	5.602728e−01	AC007494.2
ENSG00000260765	1.424699e+00	−0.032251887	6.324040e−01	0.1626356390	0.016570498	0.015582648	0.8170699582	0.135414679	4.549815e−02	CES1P2
ENSG00000260777	1.016157e+00	−0.091212209	1.016628e−01	−0.1101810837	0.047622288	−0.115266532	0.0379154127	−0.033379237	5.494970e−01	AC061975.1
ENSG00000260790	2.308310e+00	0.157160807	3.949207e−02	0.0682419255	0.369316947	0.092461496	0.2236183980	0.161976819	3.313990e−02	AC092338.2
ENSG00000260822	3.432622e+02	0.022774278	8.446402e−01	0.1608575156	0.166762732	0.147335326	0.2054314822	0.257092656	2.729012e−02	AC004656.1
ENSG00000260844	1.624761e+00	−0.167116497	1.149625e−02	−0.1168073981	0.077610130	−0.189079670	0.0041372889	−0.182712706	5.551296e−03	AC055876.4
ENSG00000260896	1.795814e+00	0.067918067	2.985084e−01	0.0365868506	0.574615835	0.130319598	0.0459338380	0.059952014	3.574573e−01	LINC02170
ENSG00000260912	6.812177e+00	−0.125493846	2.445596e−01	−0.2571062727	0.016412908	−0.073971731	0.4912307179	−0.196726898	6.601807e−02	AL158206.1
ENSG00000260916	2.148326e+02	0.114037947	2.109770e−01	0.0890184011	0.331788190	0.151898297	0.0975718164	0.212853605	2.098818e−02	CCPG1
ENSG00000260917	1.294025e+02	0.219290313	2.632832e−02	0.3005458131	0.002407912	0.196717349	0.0476557175	0.190354112	5.639670e−02	AL158212.3
ENSG00000260920	3.188897e+01	0.080604900	5.374010e−01	0.2665100512	0.040788631	0.267572319	0.0400284275	0.137076259	2.915108e−01	AL031985.3
ENSG00000260924	5.354196e+00	−0.147847967	1.615448e−01	−0.0448444504	0.670840775	−0.284631790	0.0065965218	−0.082114865	4.346710e−01	LINC01311
ENSG00000260929	3.572183e+01	−0.109220525	3.980696e−01	0.1018382990	0.429115498	0.281848905	0.0284870115	−0.015385197	9.047906e−01	NA
ENSG00000260943	2.286019e+00	0.019206572	7.735020e−01	0.1062208403	0.111692388	0.007599419	0.9090866205	0.148168839	2.649199e−02	LINC02555
ENSG00000260947	1.463153e+01	0.064225258	5.537104e−01	−0.0111046538	0.918115369	−0.177096668	0.1004247146	−0.279574514	9.199817e−03	AL356489.2
ENSG00000260948	4.598766e+01	0.125612276	3.407497e−01	0.1026803000	0.434684448	0.366268273	0.0053232889	−0.027264951	8.350359e−01	AL390195.2
ENSG00000260997	5.269202e+02	0.063206074	5.375416e−01	−0.0418686403	0.684360219	0.160758126	0.1182774429	0.233266784	2.399326e−02	AC004847.1
ENSG00000261000	1.061270e+00	0.128830328	2.963546e−02	−0.0350544384	0.551083452	0.047881364	0.4163389183	0.016817418	7.749858e−01	AC244034.2
ENSG00000261026	1.189313e+02	−0.009849372	9.177241e−01	−0.0592463009	0.533260241	−0.230690113	0.0152476990	−0.192210957	4.252981e−02	AC105046.1
ENSG00000261033	5.261407e−01	−0.050966043	7.375520e−02	−0.0564841450	0.047502488	−0.050498469	0.0763213919	−0.054021945	5.791575e−02	AC005730.2
ENSG00000261056	1.415056e+00	0.155293889	3.428839e−02	0.0678466208	0.352364978	−0.007994130	0.9122704260	−0.009507131	8.958443e−01	AC079416.1
ENSG00000261061	1.612865e+01	0.323058224	1.241496e−02	0.1205019627	0.348658706	0.140508918	0.2744173207	0.040892841	7.490937e−01	AC092718.4
ENSG00000261064	8.751954e+01	−0.100131128	3.627164e−01	0.0118437014	0.914324765	−0.064991107	0.5557641166	−0.293295682	8.223107e−03	LINC02256
ENSG00000261069	1.743967e+00	−0.105190398	2.058085e−01	−0.0045272022	0.956725440	−0.179165691	0.0300383148	−0.179399939	2.958735e−02	AC124312.3
ENSG00000261114	2.148332e+02	0.077516274	4.671186e−01	0.0046533485	0.965314657	0.009603698	0.9285104287	−0.266304178	1.339725e−02	AC012181.2
ENSG00000261123	5.239517e+00	0.272361071	1.150924e−02	0.0598566167	0.575692231	0.198078100	0.0646742060	0.029543815	7.810812e−01	AC009065.5
ENSG00000261131	6.170944e+01	−0.012645840	9.168806e−01	−0.0317789375	0.793252459	−0.005999648	0.9605427236	−0.274161102	2.410464e−02	AC012186.2
ENSG00000261135	1.202644e+00	0.142848634	2.557548e−02	0.0038578277	0.951615536	0.053547127	0.3998704519	−0.041717684	5.099094e−01	AL137802.2
ENSG00000261136	1.512479e+00	−0.051065525	4.694763e−01	−0.1435561010	0.040973021	−0.035438435	0.6148859912	−0.135178958	5.399624e−02	AC023908.3
ENSG00000261159	6.905409e+00	0.082815870	4.866605e−01	−0.0461565874	0.696492029	0.270311046	0.0231373228	0.093242827	4.296351e−01	AC112484.4
ENSG00000261168	1.203686e+00	0.021522631	7.335342e−01	0.0957344877	0.130808212	0.141061674	0.0260305377	0.014664625	8.160798e−01	AL592424.1
ENSG00000261221	1.534455e+03	−0.020668910	7.878958e−01	−0.1732056064	0.025395387	−0.095949177	0.2155309149	−0.066706232	3.936775e−01	ZNF865
ENSG00000261222	1.234200e+03	0.001338283	9.914314e−01	−0.1521241846	0.221964408	−0.259920262	0.0369229464	−0.333360022	7.408213e−03	AC064805.1
ENSG00000261253	5.550249e+00	−0.207389632	2.351382e−02	−0.1998999455	0.028681758	−0.198803072	0.0294510434	−0.259607626	4.329017e−03	AC137932.2
ENSG00000261270	2.491868e+02	0.056719593	5.334890e−01	0.0357227705	0.696716209	−0.026633453	0.7717042785	−0.215021912	2.029760e−02	AC012181.3
ENSG00000261324	4.446095e+01	0.240166659	6.800942e−02	0.2913757001	0.026393765	0.130829344	0.3189184037	0.292965247	2.506166e−02	AC010168.2
ENSG00000261351	1.535743e+02	0.031358314	8.035536e−01	0.0125282741	0.920770603	0.098163881	0.4357204450	0.265325217	3.483060e−02	AC116913.1
ENSG00000261369	8.261172e−01	0.020085368	6.494853e−01	0.0006894471	0.987539986	0.097121799	0.0280751742	0.035676894	4.192560e−01	AC007533.1
ENSG00000261371	9.083277e+03	−0.113783137	7.248390e−02	−0.0661876980	0.300721652	−0.136516287	0.0328248850	−0.025930878	6.886091e−01	PECAM1
ENSG00000261396	3.874352e+00	0.316380045	6.545932e−04	0.0157421807	0.863991376	0.162463592	0.0779735520	0.071340575	4.366844e−01	AC027682.5
ENSG00000261408	7.469579e+01	0.301651315	1.047304e−02	0.2041696527	0.083842381	0.355771184	0.0025545787	0.139030504	2.401357e−01	TEN1−CDK3
ENSG00000261424	8.000196e+01	−0.200772810	6.233811e−02	−0.2568490193	0.017587797	−0.180150555	0.0955784938	−0.111611828	3.022206e−01	ATP5F1P7
ENSG00000261433	1.756722e+00	0.151840818	2.933166e−02	0.0897312817	0.196148103	0.140229193	0.0434588308	0.033205817	6.314908e−01	AC002347.1
ENSG00000261448	7.465631e+00	0.045510124	7.125364e−01	0.2145853586	0.082031659	0.245489352	0.0466167928	0.027767860	8.206315e−01	AC109446.3
ENSG00000261460	3.396822e+02	−0.144092451	4.566485e−02	−0.0466397169	0.520338350	−0.051319961	0.4798137657	−0.131366190	7.365600e−02	AC009690.2
ENSG00000261487	1.593350e+01	0.118258162	3.640954e−01	0.2123672223	0.102066274	−0.006887259	0.9576476102	0.271104442	3.604837e−02	AC135048.1
ENSG00000261490	1.874076e+02	0.184925935	1.143964e−01	−0.0434804583	0.711239326	0.226471284	0.0535107353	0.252378031	3.154147e−02	AC005674.2
ENSG00000261519	1.028843e+01	−0.161940454	2.183591e−01	−0.1350942507	0.302644503	−0.191181856	0.1444121761	−0.269806649	3.862022e−02	AC010542.4
ENSG00000261526	2.909416e+02	−0.185939683	9.984456e−02	−0.2401173763	0.033966271	−0.329595672	0.0036280146	−0.284612441	1.219234e−02	AC012615.1
ENSG00000261533	1.070863e+01	−0.042821835	7.286182e−01	−0.0836662769	0.495828898	−0.242756471	0.0475095891	−0.121760307	3.193797e−01	NA
ENSG00000261534	1.322851e+02	−0.109409629	3.169808e−01	−0.0777207786	0.478125855	−0.244731908	0.0258979094	−0.289918334	8.539817e−03	AL596244.1
ENSG00000261557	1.009506e+02	−0.252139792	3.940515e−02	−0.2744909340	0.024948115	−0.147158249	0.2290501708	−0.205507327	9.298458e−02	AC092725.2
ENSG00000261560	1.432389e+01	0.285371012	2.939926e−02	0.1316593487	0.312768313	0.351796146	0.0070444414	0.099236810	4.446499e−01	AC007216.3
ENSG00000261606	2.551676e+00	0.117360444	1.655048e−01	0.1431536483	0.090227811	0.087994469	0.2961066321	0.204694479	1.545393e−02	AC091230.1
ENSG00000261659	6.317196e+00	0.221426565	6.044683e−02	0.1461037534	0.212958097	0.385941646	0.0010556079	0.214114962	6.709950e−02	Z92544.2
ENSG00000261723	1.405509e+00	−0.063716749	4.079313e−01	−0.1387532325	0.070078694	−0.204524741	0.0072576483	−0.221822543	3.563106e−03	AC008870.4
ENSG00000261795	1.084614e+01	−0.054204619	3.930328e−01	0.0166956462	0.792319333	−0.049173545	0.4378073965	0.176224539	5.409479e−03	AC093627.7
ENSG00000261879	1.515188e+02	0.132079274	2.152959e−01	0.2366691562	0.026642263	0.168665606	0.1146221057	0.026799617	8.031824e−01	AC087500.1
ENSG00000261924	3.241191e+00	0.045642605	5.569333e−01	−0.0323239689	0.676200367	0.161885345	0.0371471994	0.061920672	4.241329e−01	AC127496.1
ENSG00000262049	2.174246e+02	−0.079661583	3.631198e−01	−0.2163550220	0.014396488	−0.257050998	0.0037007102	−0.198304571	2.590611e−02	AC139530.1
ENSG00000262050	2.030869e+00	0.020236319	8.095804e−01	0.0344173477	0.681466094	0.113543041	0.1764410106	0.179718782	3.281002e−02	AC005696.1
ENSG00000262074	1.590205e+01	0.035006311	7.508993e−01	−0.0238236284	0.828346437	−0.048908426	0.6560530612	−0.239388163	2.831403e−02	SNORD3B−2
ENSG00000262147	6.114612e+00	0.053430277	6.097591e−01	−0.1028545292	0.322885975	0.036597986	0.7255742569	−0.209083499	4.316142e−02	AC124283.2
ENSG00000262222	6.497942e+02	0.258624875	1.261002e−02	0.1138432049	0.274187891	0.094232334	0.3655070520	0.132946925	2.036898e−01	AC133065.2
ENSG00000262223	1.034812e+01	−0.156270511	2.094271e−01	−0.1632720393	0.188164667	−0.008589025	0.9448907021	−0.247927220	4.428327e−02	AC110285.1
ENSG00000262228	8.340662e+00	0.275118436	1.639015e−02	0.0528429091	0.642522271	0.109865542	0.3346628028	0.226830873	4.582953e−02	AC087392.3
ENSG00000262319	5.717777e+00	0.144089770	1.609376e−01	−0.0077778485	0.939306292	0.232137542	0.0236518834	0.050614896	6.193589e−01	AC007952.6
ENSG00000262402	1.240701e+00	0.031951946	6.373700e−01	0.0786209167	0.246709432	0.176340638	0.0095626345	0.039567935	5.583611e−01	AC090617.3
ENSG00000262583	8.670958e−01	0.017282004	7.242076e−01	0.1232454323	0.012140961	0.048448223	0.3222789219	0.001360069	9.777995e−01	AC009163.5
ENSG00000262619	1.853168e+00	−0.115289511	7.565533e−02	−0.1110462211	0.086820252	−0.170902847	0.0082157444	−0.061923088	3.393425e−01	LINC00621
ENSG00000262700	2.002998e+00	0.070352101	3.589356e−01	−0.0352679560	0.644059306	0.183071094	0.0171823978	0.077304561	3.112528e−01	AC133552.3
ENSG00000262810	2.059415e+00	0.196840024	1.490269e−02	0.1008762429	0.209390894	0.100945362	0.2083672637	0.139015781	8.376237e−02	AC090617.5
ENSG00000262879	1.738792e+02	0.012367151	9.230795e−01	−0.2682828571	0.036034438	−0.153760677	0.2294541839	−0.139611533	2.742392e−01	AC068152.1
ENSG00000262902	7.224081e+01	0.555659964	1.833746e−06	−0.1175916721	0.309905351	0.042653635	0.7127387811	−0.094935432	4.106384e−01	MTCO1P40
ENSG00000262903	1.612519e+01	0.262937092	4.333518e−02	−0.0870462358	0.501054844	0.147517938	0.2547967386	0.095396501	4.593215e−01	AC027796.4
ENSG00000262943	4.732191e+00	0.128431598	2.065466e−01	0.2430269470	0.016844748	0.151041642	0.1361499197	0.033212685	7.417124e−01	ALOX12P2
ENSG00000262952	6.133394e−01	0.031636105	5.217789e−01	0.0542256356	0.272295096	−0.020143423	0.6817813443	0.098869277	4.585493e−02	AC139099.3
ENSG00000263065	3.149001e+00	0.150491905	1.209287e−01	0.1322209753	0.171186822	0.239914169	0.0132530708	0.166557590	8.475405e−02	AF001548.1
ENSG00000263069	1.319275e+02	0.257597879	4.174834e−02	0.0826256854	0.513489033	0.142674033	0.2591680202	0.291443252	2.095622e−02	AC124319.2
ENSG00000263266	1.076032e+04	−0.171197745	3.543611e−04	−0.0970016018	0.045305118	−0.161572875	0.0008572052	−0.209235285	2.051719e−05	RPS7P1
ENSG00000263335	8.121935e+01	−0.125974453	3.207602e−01	−0.3177211485	0.012270039	0.087971162	0.4872185240	0.226296947	7.327801e−02	AF001548.2
ENSG00000263345	8.755150e+01	0.294981556	9.311911e−03	0.2200066068	0.053218162	0.223959731	0.0492006896	0.145634132	2.019376e−01	AC006435.2
ENSG00000263413	2.759382e+00	0.107295931	1.842600e−01	0.1980514732	0.014330914	0.061144441	0.4473117891	0.099440907	2.164488e−01	MIR4538
ENSG00000263422	9.467310e+00	−0.176668996	1.727438e−01	−0.0860534603	0.505501645	−0.136055381	0.2919664692	−0.262979626	4.047320e−02	NA
ENSG00000263465	2.590854e+03	−0.119042955	3.916455e−02	−0.1103511920	0.058413533	−0.090706834	0.1198279629	−0.151084782	1.050507e−02	SRSF8
ENSG00000263528	2.738469e+02	0.051179869	6.978846e−01	0.1287526102	0.327318548	0.045287633	0.7304411718	0.304625989	1.999104e−02	IKBKE
ENSG00000263535	7.455923e+00	0.008909604	9.322429e−01	0.1404590139	0.179840285	0.070865861	0.4978004718	0.212238150	4.208527e−02	AC134669.1
ENSG00000263724	1.862551e+01	0.096948602	4.318653e−01	0.2702983171	0.028020892	0.188760941	0.1246359269	0.090992973	4.568018e−01	DLGAP1−AS3
ENSG00000263781	4.941945e+00	−0.285562540	1.441305e−02	0.0031433909	0.978621296	−0.234639676	0.0437245643	−0.080532643	4.895508e−01	AC024619.4
ENSG00000263884	5.575748e+00	−0.004184562	9.724722e−01	−0.2311534018	0.054480805	−0.302449634	0.0116066923	−0.280650761	1.871365e−02	AP000845.1
ENSG00000263916	4.934333e+00	0.090792613	3.917340e−01	0.2552373120	0.016175050	0.230650063	0.0294930954	0.208055326	4.883679e−02	AC100778.2
ENSG00000263982	1.683817e+01	−0.068071656	5.996420e−01	−0.4004061892	0.001893420	−0.065710410	0.6109383577	−0.191866351	1.353792e−01	AC009716.1
ENSG00000264057	5.323295e+00	0.016330178	8.758251e−01	0.0674995493	0.517693698	0.240618919	0.0215110413	0.130830550	2.087014e−01	AC103810.1
ENSG00000264091	9.050630e−01	0.003091129	9.569812e−01	0.1288060689	0.025242867	0.010249575	0.8576383479	0.130506185	2.342205e−02	NA
ENSG00000264188	1.735785e+00	0.186715471	2.073034e−02	−0.0766987848	0.335103969	0.010739704	0.8928834985	0.041569059	6.032109e−01	AC106037.1
ENSG00000264204	2.443178e+01	0.149474964	1.096650e−01	0.2010195120	0.031043641	−0.050200468	0.5897192263	0.046118816	6.194998e−01	AGAP7P
ENSG00000264219	6.367233e+00	0.144626484	2.390094e−01	0.1381222890	0.258913348	0.189358572	0.1217840850	0.305333098	1.246191e−02	NA
ENSG00000264229	1.219462e+01	0.026052985	8.231284e−01	0.0247593447	0.831217602	−0.041560290	0.7201865663	−0.265809259	2.101732e−02	RNU4ATAC
ENSG00000264242	3.478112e+01	0.117276831	3.737952e−01	0.0750521127	0.568055190	0.087901188	0.5037118517	0.311444812	1.737070e−02	AC011840.4
ENSG00000264290	5.145036e+01	0.001821143	9.882767e−01	−0.0536569000	0.665219818	−0.065615681	0.5969055063	−0.269378426	2.997455e−02	AC104564.4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000264343	6.485442e+01	−0.2431079695	0.059668705	−0.0884906088	0.491952013	−0.021500290	0.867380718	−0.2901315138	2.406348e−02	NOTCH2NL
ENSG00000264350	1.502397e+02	0.1039417010	0.306066181	0.2138779454	0.035720928	0.221976506	0.029365876	0.0907358137	3.758266e−01	AC090897.1
ENSG00000264357	1.239475e+01	0.1410080733	0.281725772	−0.0875280233	0.501787681	0.077098941	0.554417007	−0.2638146022	4.173629e−02	MIR4648
ENSG00000264399	1.150573e+00	−0.1399336621	0.038460594	−0.1853717258	0.005965475	−0.181175656	0.007099808	−0.2467737475	2.319214e−04	MIR4736
ENSG00000264493	7.238915e+00	−0.0706680608	0.558944297	−0.2864414441	0.016859926	0.174006397	0.150112421	−0.1587554795	1.849297e−01	MIR4298
ENSG00000264496	1.769141e+00	0.1800498303	0.019033423	0.0633018474	0.406595393	0.088362289	0.246400107	0.1116772618	1.434406e−01	NA
ENSG00000264575	6.507884e+01	0.2576794989	0.027641935	0.0561552149	0.632659633	0.044489368	0.705146419	−0.1044281355	3.759227e−01	LINC00526
ENSG00000264577	2.110801e+02	−0.1558446889	0.121206688	−0.2049651736	0.042506327	−0.199819436	0.048068130	−0.2639674477	9.413139e−03	AC010761.1
ENSG00000264678	7.170977e−01	−0.0608252913	0.253960658	−0.0737678852	0.166116244	−0.083177472	0.117543199	−0.1041398538	4.988911e−02	MIR3140
ENSG00000264743	2.120299e+01	0.0861392823	0.504555396	0.0615979790	0.631837975	0.260158520	0.043179404	0.1073603439	4.016175e−01	DPRXP4
ENSG00000264829	1.483636e+00	−0.1629741982	0.039600268	0.0496548823	0.534593708	−0.044401023	0.576067278	−0.0246974969	7.560649e−01	AC087749.2
ENSG00000264862	1.438157e+00	0.0797443713	0.241994346	0.1719710355	0.011875784	0.128337972	0.059609342	0.0407031880	5.483761e−01	RN7SL45P
ENSG00000264918	1.134962e+02	−0.1343302164	0.254171000	−0.1979100620	0.093366077	−0.311121262	0.008438170	−0.0759074691	5.201721e−01	NA
ENSG00000264924	6.414210e+00	0.1111800974	0.289149252	0.1422952471	0.173777687	0.076511076	0.463619247	0.2087349627	4.552357e−02	AC090772.1
ENSG00000265055	6.379240e−01	0.0361787223	0.348360509	0.0089662148	0.815948404	0.009050740	0.814025550	0.0858613828	2.622547e−02	AC145343.1
ENSG00000265100	5.970684e+01	0.0763001152	0.560923961	0.0452257067	0.729687441	−0.038491112	0.768736827	−0.3302658667	1.140440e−02	AC005332.1
ENSG00000265142	4.305889e+00	0.0748250107	0.443003240	−0.0229733053	0.812807867	0.035283169	0.716227335	0.2109779711	3.012500e−02	MIR133A1HG
ENSG00000265190	7.255710e+00	0.1513124741	0.107399340	0.2599329057	0.005636667	0.137830827	0.141192316	0.3025404402	1.234440e−03	ANXA8
ENSG00000265261	2.724299e+00	0.0486892338	0.593662473	−0.0714206024	0.431050287	−0.192445675	0.032797752	−0.1989948177	2.693526e−02	AC027575.3
ENSG00000265298	7.186825e+02	0.1793062067	0.016854382	0.0768906952	0.309826503	0.127201809	0.092902622	0.0989114531	1.958018e−01	AC132812.1
ENSG00000265354	9.165275e+02	0.1405058518	0.048813433	0.1754081803	0.014709354	0.072907526	0.311212733	0.0748657560	3.033891e−01	TIMM23
ENSG00000265527	1.889492e+00	0.0408712027	0.493304334	0.1068109312	0.073530835	0.041819907	0.482427208	0.1334364240	2.532709e−02	MIR5690
ENSG00000265531	1.483750e+01	0.0871102924	0.417014223	0.2131240318	0.046702306	0.175846606	0.100553580	0.1920899843	7.158655e−02	FCGR1CP
ENSG00000265658	1.587587e+01	−0.1419227827	0.251772262	0.0252148195	0.838332682	−0.254779976	0.038671963	−0.0023134354	9.849825e−01	MIR3690
ENSG00000265681	1.090163e+03	−0.0786490679	0.166852391	−0.1013836625	0.077877958	−0.021287070	0.711083384	−0.1443413764	1.321199e−02	RPL17
ENSG00000265802	7.022209e+00	−0.0629141962	0.594983557	−0.1163976505	0.323132398	0.063634751	0.590141836	−0.2791429318	1.688212e−02	RN7SL49P
ENSG00000265808	9.886816e+02	0.1136972388	0.071541206	0.0927351756	0.145520812	0.171819525	0.006974984	0.1991438120	1.983565e−03	SEC22B
ENSG00000265891	1.614397e+00	0.0074235263	0.925326938	0.0675692117	0.394637879	0.189981032	0.017124330	0.0653517531	4.083978e−01	NA
ENSG00000265939	1.865316e+00	−0.2353967531	0.004147586	−0.1720990286	0.036357003	−0.156922866	0.056080975	−0.1749046779	3.291364e−02	AC091147.1
ENSG00000266028	4.704065e+03	0.0958460091	0.179327062	0.0949267272	0.187324102	0.061216841	0.395216927	0.1750067299	1.614656e−02	SRGAP2
ENSG00000266074	1.306215e+03	−0.0569475152	0.525138233	−0.0910820769	0.312444748	−0.196538130	0.029361618	−0.0176657756	8.457993e−01	BAHCC1
ENSG00000266083	6.968411e−01	0.1207237274	0.041308107	−0.0165439390	0.777797392	0.041442279	0.480159245	0.0675350507	2.512593e−01	NA
ENSG00000266094	1.487479e+04	0.0227925150	0.718285631	−0.0055663389	0.930465272	−0.097129610	0.127889192	−0.2579872865	6.435155e−05	RASSF5
ENSG00000266208	1.183147e+02	−0.2285854894	0.038698915	−0.1754875514	0.113104452	−0.194058929	0.079998823	−0.1612493629	1.465027e−01	AC080112.2
ENSG00000266232	2.567417e+00	−0.1073104487	0.229170110	−0.1147557961	0.197218643	−0.180186392	0.042058822	−0.0916301849	3.027010e−01	MIR3178
ENSG00000266288	5.140436e+00	−0.0614226589	0.584698196	0.2677052315	0.017695886	−0.043655520	0.696121870	0.0691777150	5.371907e−01	AP005671.1
ENSG00000266297	1.117074e+00	0.0274229893	0.679804790	0.1106783384	0.096768699	0.150044391	0.024359905	0.0826017638	2.139238e−01	MIR744
ENSG00000266338	1.963066e+02	0.0316599656	0.767998539	0.0824843130	0.443477616	0.255815357	0.017333916	−0.0858126961	4.274816e−01	NBPF15
ENSG00000266401	6.702714e−01	−0.0794643887	0.013008927	−0.0764205349	0.016912576	−0.071198716	0.025953780	−0.0614113478	5.488331e−02	AP002478.1
ENSG00000266445	1.468198e+00	0.0069045331	0.923701128	0.0983832964	0.173333307	0.025530963	0.722508624	0.1564401691	3.065312e−02	AC124287.1
ENSG00000266501	2.981657e+01	−0.1002535126	0.435410362	−0.1495318219	0.244052268	−0.267082806	0.037745282	−0.4042915190	1.639492e−03	AC025198.1
ENSG00000266522	7.933493e−01	−0.1608056624	0.003644969	−0.1677900150	0.002384714	−0.111656357	0.043412713	−0.1323715094	1.672714e−02	AP005242.2
ENSG00000266598	6.402217e+00	−0.1117684695	0.299423368	−0.2388312251	0.025674841	−0.239489010	0.025142352	−0.2778472461	9.180502e−03	AC037487.2
ENSG00000266644	4.993639e+00	0.0597699784	0.504143638	−0.1088465905	0.221198731	−0.120843855	0.173955380	−0.1823429214	3.966720e−02	AC103810.5
ENSG00000266648	1.083722e+01	−0.2981625702	0.022436024	−0.1682729038	0.196591261	−0.242721369	0.062259111	−0.0611235518	6.376689e−01	SETP3
ENSG00000266654	1.242255e+00	0.0267678162	0.670231942	−0.0464756921	0.457934586	−0.124467736	0.045796904	−0.0630554046	3.131054e−01	AC129510.2
ENSG00000266780	1.323958e+01	0.0833091560	0.523941548	0.0009517592	0.994181532	−0.257523764	0.049055142	−0.0764100603	5.572613e−01	MIR4444−2
ENSG00000266897	8.099610e+00	0.0276664434	0.818315112	−0.1407974495	0.239186656	0.087063284	0.468334208	0.2531406610	3.470653e−02	AC005546.1
ENSG00000266901	1.460342e+00	0.1367214625	0.019651787	0.0389354820	0.504829542	0.050829659	0.383559711	0.0285410860	6.244978e−01	AC068473.2
ENSG00000266920	1.797166e+01	−0.0989738713	0.443427849	−0.2790665420	0.029872192	0.071893302	0.576620248	0.0584954451	6.480949e−01	ACTBP9
ENSG00000266921	1.875458e+00	0.0103609656	0.901303776	−0.1470916811	0.075527297	−0.216003791	0.008707445	−0.0832733991	3.152629e−01	AC006213.1
ENSG00000266970	2.193927e+00	0.1687289302	0.035358898	0.1181006569	0.139480923	0.114920313	0.149836282	0.0054640407	9.451214e−01	AC061992.1
ENSG00000266990	8.995663e−01	−0.0626260569	0.304257845	−0.1252029246	0.039186737	−0.093523539	0.123308102	−0.0859493711	1.572519e−01	AC004528.1
ENSG00000266992	1.417928e+00	0.0952456228	0.202097589	0.1513330185	0.042629054	0.084822783	0.253326829	0.1387007622	6.341352e−02	DHX40P1
ENSG00000267044	7.180272e−01	0.0275048120	0.621986448	0.1180156006	0.035234507	0.020080242	0.718157445	0.0280963011	6.137116e−01	AC005757.1
ENSG00000267048	5.000656e+01	0.2161431438	0.042175454	0.1359570884	0.203939989	−0.059014657	0.584650618	−0.0213263459	8.435248e−01	AC092143.4
ENSG00000267065	8.165395e−01	0.1551438232	0.006095951	−0.0359230466	0.521421853	−0.027582579	0.621968339	0.0096821125	8.628786e−01	LINC02080
ENSG00000267077	6.532691e+00	−0.2586830907	0.020736018	−0.1301737336	0.244229445	−0.199688280	0.073378937	−0.3367246328	2.384619e−03	AC020663.2
ENSG00000267091	9.639591e−01	−0.1057431904	0.110404139	−0.0462065464	0.486726878	−0.057982930	0.381427378	−0.1326423650	4.423806e−02	CTBP2P7
ENSG00000267096	4.663013e+01	0.3253782261	0.010302954	0.2446763923	0.053692166	0.224131888	0.077329592	0.2164012799	8.729834e−02	AC008735.1
ENSG00000267100	3.397796e+02	−0.0324046026	0.737865993	−0.1281699659	0.188044176	−0.241580390	0.013224037	−0.0924076232	3.454697e−01	ILF3−AS1
ENSG00000267102	6.156803e+01	0.0602469178	0.627177861	0.1584619404	0.200766887	0.271321766	0.028374752	0.3134269670	1.125952e−02	AC060766.1
ENSG00000267114	3.405941e+00	−0.1042079548	0.276128434	−0.1237072143	0.194872624	−0.155063578	0.103405584	−0.2595875254	6.089885e−03	AC011481.1
ENSG00000267122	1.991958e+01	0.2959442251	0.024096987	−0.0115426234	0.929814138	−0.019051128	0.884438757	0.0141660530	9.136267e−01	AC004490.1
ENSG00000267147	8.072514e−01	0.0117245580	0.794798232	0.0452928305	0.315392981	0.108660919	0.016093131	0.0158230516	7.252840e−01	LINC01842
ENSG00000267199	3.239413e+00	0.0393551221	0.650178889	0.1734654525	0.045928047	0.111297062	0.199028074	0.1304749798	1.319575e−01	AP001029.2
ENSG00000267239	1.187916e+00	0.1119905581	0.037493252	0.0794477524	0.139381333	0.088757281	0.098369179	0.0251432054	6.389151e−01	AP001198.1
ENSG00000267244	3.808933e+02	0.2144820820	0.007139725	0.1230088558	0.126183687	0.017314596	0.829936347	−0.0468830093	5.645701e−01	AC012615.6
ENSG00000267255	8.302414e+00	−0.0349204534	0.768789866	−0.1876901843	0.111910351	−0.021630516	0.854959796	−0.2821442481	1.615342e−02	AC011498.3
ENSG00000267260	1.065596e+00	−0.0914912929	0.165890418	−0.1303561114	0.047533693	−0.058441045	0.375166477	0.0458479387	4.897543e−01	AC020928.1
ENSG00000267263	1.027500e+01	0.0818655548	0.525922471	−0.1030903109	0.421529099	−0.004603721	0.971386528	−0.3895774388	2.210038e−03	AC111170.2
ENSG00000267264	4.557714e+00	−0.0136486072	0.897609345	0.1334771710	0.208585346	0.142948909	0.177707712	0.2269908953	3.241347e−02	AC006504.3
ENSG00000267274	1.696132e+01	0.1715263916	0.193105332	0.0893528790	0.496297830	0.271971724	0.038416928	0.0812280031	5.345572e−01	AC008770.4
ENSG00000267291	1.425807e+01	−0.0571569874	0.658973365	−0.0055654192	0.965620063	−0.273216202	0.035177569	−0.0496653143	7.001096e−01	AC008649.1
ENSG00000267317	7.771790e+01	−0.2459798421	0.015565020	−0.1673993357	0.100262930	−0.091270783	0.369633865	−0.1613295624	1.147204e−01	AC027307.2
ENSG00000267322	3.794991e+00	0.0906753476	0.393586532	−0.0136624366	0.897095504	0.241903225	0.023008183	0.0544868154	6.050741e−01	SNHG22
ENSG00000267345	4.675843e−01	0.0151623391	0.678941055	0.0788261729	0.031472587	−0.003137856	0.931683678	0.0007991744	9.825727e−01	AC010632.1
ENSG00000267412	1.527319e+00	−0.0648602290	0.401505740	−0.1568736804	0.041161224	−0.118416637	0.123219687	−0.1337654457	8.169072e−02	AC092068.2
ENSG00000267421	2.101125e+00	−0.1001045086	0.229164150	−0.1629314669	0.049160349	−0.106844767	0.197350111	−0.1113531739	1.794070e−01	AC005498.2
ENSG00000267426	2.140235e+00	0.0435825041	0.634882813	−0.0759507711	0.404587602	−0.186802575	0.038942335	−0.0394467359	6.643896e−01	AC087289.3
ENSG00000267453	4.624387e−01	0.0805366466	0.044971697	−0.0040237389	0.920105598	−0.003095915	0.938486229	0.0061848844	8.774373e−01	LINC01835
ENSG00000267475	5.758467e+01	0.1094983569	0.351460346	0.2456651921	0.036389940	−0.048898203	0.678790474	−0.0270685943	8.185927e−01	AC008736.1
ENSG00000267500	1.101749e+00	−0.0354876788	0.592555679	−0.1321924892	0.044980353	−0.129249720	0.049558489	−0.1225367886	6.287396e−02	ZNF887P
ENSG00000267501	1.313324e+01	0.3353085685	0.001717198	0.2588129200	0.015103929	0.103992596	0.327931784	0.1065347244	3.147358e−01	AC104365.2
ENSG00000267508	2.002122e+01	−0.0692263238	0.594923809	0.0578391109	0.656019366	0.284733854	0.028453794	0.0654718979	6.122590e−01	ZNF285
ENSG00000267529	5.713045e+00	0.1523645171	0.182255344	−0.0339733491	0.764411310	−0.133633477	0.236790491	−0.2370485603	3.471595e−02	AP005131.4
ENSG00000267547	1.420624e+01	0.1911016525	0.142507352	0.0120802033	0.925778562	0.235924273	0.069222633	0.4243791013	1.039051e−03	AC060766.4
ENSG00000267550	5.479392e−01	0.0097338506	0.840830035	0.0100441794	0.835896199	0.101108488	0.037500440	−0.0230815006	6.329604e−01	AC022517.1
ENSG00000267560	3.267731e+01	0.1988386896	0.131330801	0.0596205774	0.650055397	0.355518030	0.006808757	0.1989295892	1.285834e−01	AC027514.2
ENSG00000267575	3.198429e+01	−0.1218061111	0.348243582	0.0112337343	0.930862427	0.305296574	0.018172405	0.3391681832	8.485004e−03	AC006504.5
ENSG00000267583	6.169615e−01	0.0414928631	0.294002282	0.0159239842	0.686581059	0.020280833	0.607007943	0.0924173368	1.965751e−02	AC007998.3
ENSG00000267595	2.704004e+00	0.1908329023	0.022495630	0.1254919610	0.131971685	0.180799954	0.030068550	0.1203501764	1.473555e−01	AC060780.3
ENSG00000267648	1.283693e+01	0.2859943109	0.020516338	0.0405574552	0.740841910	0.188559024	0.124607361	0.2380383088	5.166490e−02	AC060766.5
ENSG00000267670	6.102013e+00	−0.0279236955	0.768395004	0.0938866071	0.321999188	0.052812226	0.576898629	0.3117637099	1.011983e−03	AC022098.2
ENSG00000267680	3.494366e+02	0.1398158397	0.039946466	0.1849939390	0.006986692	0.176678000	0.010080646	0.0829936853	2.327226e−01	ZNF224
ENSG00000267681	6.303435e+00	0.0299411360	0.808853861	−0.2585270148	0.034943904	−0.076094622	0.536152822	−0.1128898535	3.558958e−01	AC135721.2
ENSG00000267682	6.730031e+00	−0.0084024149	0.941763734	−0.1206366520	0.291092631	0.278714562	0.015504680	0.0514661354	6.525616e−01	AC016590.2
ENSG00000267698	6.065027e+00	−0.0247160706	0.837104674	0.2721955318	0.023932319	0.015524207	0.896822918	−0.0249903619	8.340633e−01	AC002116.2
ENSG00000267731	3.029827e+00	0.0009383918	0.992197049	−0.0271594886	0.776223011	0.223703472	0.020158810	−0.0017519294	9.853607e−01	AC005332.5
ENSG00000267736	4.058189e+00	0.1083424156	0.254659627	0.1891055166	0.046689070	0.174379680	0.066236628	0.1628090182	8.560833e−02	HMGB2P1
ENSG00000267745	4.424705e+01	0.2520124496	0.047580810	0.0382787329	0.763675368	0.312362462	0.013949879	0.4301204973	6.856487e−04	AC060766.7
ENSG00000267750	2.719354e+00	0.2013951617	0.014846690	0.0536738179	0.513697547	0.158999453	0.053512718	0.0137897498	8.661240e−01	RUNDC3A−AS1
ENSG00000267757	1.432753e+00	−0.0558562598	0.465100015	0.0605531429	0.431130124	0.156004575	0.043112372	−0.0702613612	3.553727e−01	EML2−AS1
ENSG00000267765	6.572181e−01	−0.0604693368	0.247538349	−0.1197742637	0.021504790	−0.088988163	0.087480385	−0.0716269673	1.700400e−01	AC100793.3
ENSG00000267795	8.255820e+00	−0.0395546083	0.734933843	−0.1372010229	0.237672903	−0.309791078	0.007432690	−0.2809720340	1.494672e−02	SMIM22

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000267834	5.8486664	0.1543547417	0.155579188	0.2817921646	0.0095161546	0.055060820	0.6102733569	0.091446439	0.3959035538	AL592211.1
ENSG00000267895	6.5414274	0.1911130093	0.084734294	0.0888230413	0.4207729177	0.282254233	0.0107628879	0.056030366	0.6093650811	AC063977.1
ENSG00000267896	76.1000300	0.2728457769	0.010341010	−0.0334685901	0.7556665975	0.265299411	0.0130404926	0.063600706	0.5548538713	NA
ENSG00000267980	89.8618755	0.3280368057	0.002453799	0.0341172555	0.7545412069	−0.047170344	0.6662848195	0.010968839	0.9203313419	AC007292.1
ENSG00000268006	281.1035226	0.2178325035	0.014203587	0.1223427354	0.1717830065	0.169643876	0.0580874726	0.089587666	0.3206556404	PTOV1−AS1
ENSG00000268030	93.9776115	0.0803173265	0.413128291	0.0161640503	0.8700010996	0.043745118	0.6579414543	−0.198636339	0.0469302471	AC005253.1
ENSG00000268056	11.5580268	−0.2664096911	0.041822864	−0.1327985486	0.3083505889	−0.288965017	0.0269624942	−0.111197263	0.3923269548	AC020913.1
ENSG00000268154	1.7382409	0.1718471847	0.009660127	0.0690167144	0.2964762020	0.078839806	0.2325789152	0.068253834	0.3013013360	Metazoa_SRP
ENSG00000268199	3.8866493	0.1907744222	0.093068739	0.2806514717	0.0134824786	0.094299560	0.4026207724	0.210309721	0.0621650032	AC010335.1
ENSG00000268204	28.9906389	0.2930552731	0.020397915	0.2982823754	0.0181753873	0.031595348	0.8033051041	0.212149717	0.0927019278	AC008763.1
ENSG00000268205	311.8751683	0.1399923437	0.220342870	0.2125438390	0.0631909336	0.135023509	0.2381334084	0.379201582	0.0009328858	AC005261.2
ENSG00000268218	216.9538335	0.3065742483	0.002344409	0.0179036778	0.8600054171	0.194001968	0.0555930105	0.256714368	0.0116629767	AC137932.3
ENSG00000268222	14.9399051	−0.2468342488	0.060568951	−0.3104970164	0.0179459863	−0.174722784	0.1827672205	−0.244482239	0.0613067121	EEF1A1P7
ENSG00000268279	25.7798718	0.2919835756	0.025353962	0.0349502224	0.7880332919	0.206207155	0.1128377012	0.123841331	0.3386778172	AC090004.1
ENSG00000268288	0.5539986	−0.0806132898	0.093106473	−0.0633719131	0.1872775548	−0.019120565	0.6908797180	−0.103454249	0.0307914908	AL589765.5
ENSG00000268355	198.8070547	−0.0478107891	0.698487536	0.1527617620	0.2153807514	−0.093042445	0.4508788473	−0.291313165	0.0183098063	AC243960.3
ENSG00000268362	39.5560911	0.2173045943	0.098233159	0.2382582056	0.0688637156	0.317687773	0.0152792137	0.293890912	0.0242190790	AC092279.1
ENSG00000268366	12.1549096	0.2788447681	0.029816673	0.1294820798	0.3108188780	0.208740303	0.1024137359	0.002302707	0.9855154304	AC010271.1
ENSG00000268471	21.6267586	0.2616481791	0.047200480	−0.0084084640	0.9490004754	0.108677290	0.4084011961	−0.037913162	0.7721511991	LINC02486
ENSG00000268509	1.6555440	−0.0007416589	0.992865241	−0.0123957278	0.8808957855	−0.161811145	0.0482885182	−0.063070911	0.4438616003	AC026202.3
ENSG00000268555	1.8714049	−0.2313886898	0.001083195	−0.2282659651	0.0012535051	−0.098602443	0.1647132055	−0.210867625	0.0028239644	AC123912.4
ENSG00000268592	6.5298108	0.0586036937	0.601782327	−0.0928409706	0.4052297031	0.087279102	0.4354058658	0.227307432	0.0420778886	RAET1E−AS1
ENSG00000268628	4.6296020	−0.1998542236	0.034176753	−0.0628737549	0.5054843620	−0.087938375	0.3509653174	−0.129323372	0.1689613534	AL121761.2
ENSG00000268635	4.1678147	0.0671106955	0.560376269	0.2985452636	0.0100034461	0.066276129	0.5639956360	0.100350013	0.3800452066	AP003680.1
ENSG00000268658	1.9339683	0.0377194006	0.570396162	0.1484397452	0.0258410675	0.070851255	0.2858801186	0.068031793	0.3050481614	LINC00664
ENSG00000268678	6.6640354	0.0679703042	0.519371967	0.0275624449	0.7929696239	0.234767926	0.0258615814	0.056585672	0.5892988019	AC005261.3
ENSG00000268686	2.2838082	−0.0766160059	0.355586149	−0.2081003173	0.0115346617	0.022522863	0.7860369072	−0.115134816	0.1626657296	AC010643.1
ENSG00000268743	5.4721883	−0.0450391504	0.710200221	−0.0781902901	0.5168816367	−0.108081759	0.3693989481	−0.236735793	0.0478317085	AC008737.1
ENSG00000268785	4.7572513	−0.2673585322	0.029756157	−0.1000577893	0.4169154824	−0.141745600	0.2489973945	−0.100270654	0.4135084717	RPL7P50
ENSG00000268790	0.5631815	−0.1180826663	0.024232492	−0.0910484928	0.0825571399	−0.089771434	0.0865116545	−0.084626577	0.1069072483	AC008764.4
ENSG00000268804	8.7897826	0.1618761649	0.150454081	0.3157768976	0.0049919709	0.118874757	0.2887949720	0.119868545	0.2828390652	LINC02132
ENSG00000268836	14.3090671	0.0474411019	0.715293130	0.0708326885	0.5847157775	0.274737942	0.0342126821	−0.123329959	0.3383068328	Z69706.1
ENSG00000268858	100.2445479	0.1577524366	0.129564367	0.3102645790	0.0028628555	0.184408651	0.0773187130	0.129227584	0.2187239895	AL118506.1
ENSG00000268996	188.4999883	−0.2101723948	0.036781065	−0.0896512384	0.3744205764	−0.131530586	0.1930111321	−0.244475496	0.0161366471	MAN1B1−AS1
ENSG00000269038	5.0294299	−0.2485633403	0.024380683	0.0886034663	0.4252314923	−0.235372914	0.0324408576	−0.199965444	0.0684405150	AP001462.1
ENSG00000269069	26.7553220	0.2441685847	0.063068072	0.1859539587	0.1559066790	0.264375168	0.0436277750	0.281025957	0.0313609359	AC007842.1
ENSG00000269131	504.5153679	0.1649699070	0.017496554	0.0903113957	0.1979884158	0.238826308	0.0006480799	0.106799787	0.1317329724	NA
ENSG00000269153	52.8719589	−0.2843735540	0.014758087	−0.0993635932	0.3929080861	−0.304415776	0.0092065710	−0.221813013	0.0574923052	LYPLA2P2
ENSG00000269227	19.2568105	0.0846774814	0.476788482	0.1222890485	0.3027143010	0.324136059	0.0063598653	0.056925976	0.6294071479	NA
ENSG00000269242	959.4703144	−0.1097187804	0.160701477	0.0445048769	0.5719885762	0.059118625	0.4529090344	−0.209834066	0.0084060883	AC010422.3
ENSG00000269293	175.9177626	−0.2306942411	0.008145053	−0.2156615044	0.0139598849	−0.198177077	0.0239631119	−0.300536887	0.0006900589	ZSCAN16−AS1
ENSG00000269313	43.9129604	0.1239898556	0.333700261	0.2993231426	0.0192669889	0.192039325	0.1336239688	0.170335224	0.1825908217	MAGIX
ENSG00000269385	1.3485705	−0.0353871065	0.579487503	0.0290760456	0.6490865234	0.137901029	0.0313785775	0.135579145	0.0347259274	AC020895.1
ENSG00000269404	766.8365863	0.2759044603	0.025992451	0.2470486801	0.0461299359	0.197935935	0.1101190420	−0.125162962	0.3122827888	SPIB
ENSG00000269463	1.6872186	0.1424648552	0.063671674	0.1452042218	0.0584008676	0.069071195	0.3655693424	0.150488081	0.0493288594	AP001160.4
ENSG00000269480	28.1296742	0.0270775558	0.826562397	−0.2793413140	0.0245575146	−0.094848028	0.4438378503	−0.040952342	0.7406189128	AC020913.2
ENSG00000269481	14.5766358	0.3170917371	0.015700305	0.2169691693	0.0969743132	0.110796497	0.3963533791	0.341762033	0.0086791287	AC010319.4
ENSG00000269524	3.6960925	0.1562576381	0.087839319	0.0532986867	0.5586610533	0.183976679	0.0440326614	0.025313033	0.7801016223	AC245052.7
ENSG00000269533	3.5284723	0.0169759291	0.857998492	−0.0090964642	0.9234088738	−0.115890021	0.2185871196	−0.228098850	0.0148095953	AC003002.4
ENSG00000269556	302.3850109	−0.1676080304	0.034832725	−0.1514182953	0.0585296291	−0.124021005	0.1213708555	−0.181997148	0.0241895535	TMEM185A
ENSG00000269640	513.0605104	0.0434645646	0.659776091	0.0220201870	0.8242932860	−0.100420177	0.3117262036	0.220555738	0.0269354386	NA
ENSG00000269737	71.5412068	−0.0101642751	0.935741215	0.0004579144	0.9970910508	0.276155915	0.0279654451	0.051362716	0.6811137363	AL691432.1
ENSG00000269888	585.1024899	−0.1139420778	0.106917484	−0.0351462262	0.6216891495	−0.037331672	0.6003953234	−0.234398425	0.0011626067	AC112491.1
ENSG00000269894	2.4206902	0.2102002233	0.002298118	0.1301267313	0.0583806813	0.120821510	0.0784797572	0.006298376	0.9265930790	AC018809.1
ENSG00000269907	5.6311910	−0.1969880256	0.043967733	−0.1163822623	0.2335102989	−0.118772611	0.2236441360	0.008961984	0.9268567465	AL158827.2
ENSG00000269910	29.3116887	0.1359786436	0.292493111	0.2877418255	0.0254477095	0.270943364	0.0354619238	0.219121993	0.0883058622	AL049840.2
ENSG00000269948	35.2901471	0.3413168877	0.008892632	−0.0398610782	0.7598146918	0.123157306	0.3446087425	−0.049818611	0.7015499652	NA
ENSG00000269952	14.7007940	0.1734792147	0.124739171	0.2208746222	0.0499159058	0.123849352	0.2709773480	0.114931579	0.3051253940	AL117336.2
ENSG00000269982	60.5630635	0.0896721066	0.433619902	−0.0694341045	0.5462643150	−0.115430139	0.3166636530	−0.258178576	0.0255982936	AC018809.2
ENSG00000270039	10.3718552	0.0370446453	0.741455344	0.1150976255	0.3041164106	0.232108384	0.0384294758	0.193270585	0.0835136853	AC025165.5
ENSG00000270062	100.5393524	0.0509301842	0.615670541	−0.2156707982	0.0353158904	−0.173809588	0.0898292437	−0.198920666	0.0534139157	AL606834.3
ENSG00000270069	20.3887196	0.3236126660	0.009082029	0.4097494355	0.0009227913	0.204795287	0.0972024317	0.169681065	0.1670225380	MIR222HG
ENSG00000270074	0.4378748	−0.0642448468	0.063740068	−0.0727928616	0.0356007826	−0.046799974	0.1766733321	−0.064410440	0.0628364514	AC087203.3
ENSG00000270084	11.6965189	−0.2561263490	0.041825196	−0.1259166934	0.3159714485	−0.107248151	0.3929347977	−0.077381750	0.5360239467	GAS5−AS1
ENSG00000270115	21.0032042	−0.2293240445	0.074972227	−0.0716986333	0.5763393607	−0.395376964	0.0021655973	−0.051740724	0.6858989450	AL513327.3
ENSG00000270130	2.0507866	0.0466445826	0.546849383	0.1064312728	0.1692903494	0.044005119	0.5683889247	0.186990326	0.0158936836	AC068790.7
ENSG00000270157	57.5340286	0.1502451339	0.225713996	0.1681212958	0.1750833333	0.289373045	0.0194971004	−0.119213266	0.3370196185	AC004918.3
ENSG00000270170	863.3094971	−0.1668527194	0.026121673	−0.2337800483	0.0020057607	−0.220807746	0.0035311227	−0.139592630	0.0675346328	NCBP2−AS2
ENSG00000270189	69.6040621	0.1175621655	0.309943406	0.2745224222	0.0177023513	0.171995564	0.1381758344	0.051212127	0.6593289325	NA
ENSG00000270223	14.6296996	0.2235529455	0.083621280	0.2732774062	0.0339643218	0.061304583	0.6336653546	0.159444618	0.2128449415	NA
ENSG00000270236	2.5587114	0.0224225360	0.787801413	0.0887693715	0.2867993380	0.206589515	0.0134145978	0.100174455	0.2283451574	AL162730.1
ENSG00000270246	0.7436261	0.0002729806	0.994995422	0.0650999453	0.1354006703	0.099754045	0.0221189635	0.018801400	0.6655654246	NA
ENSG00000270265	3.1606341	−0.1648158379	0.088637770	−0.3597419584	0.0001768514	−0.222629185	0.0207601765	−0.262969418	0.0060941654	AC104819.3
ENSG00000270300	41.8909014	0.0373402685	0.776940146	−0.2064177151	0.1160585051	−0.109623103	0.4039610853	−0.286140561	0.0286829107	PHACTR2P1
ENSG00000270379	1.3750626	0.0435520960	0.408160561	0.0315143205	0.5491442155	0.110437259	0.0359765532	0.006829351	0.8965141666	HEATR9
ENSG00000270419	42.2736101	0.0870214318	0.494986665	0.0307417556	0.8093005529	0.016205436	0.8988139106	−0.254056803	0.0463158492	CAHM
ENSG00000270441	42.9345739	−0.2460299420	0.048541861	−0.2101246675	0.0918022671	−0.159596224	0.2002902500	−0.160984494	0.1954134184	AC135506.1
ENSG00000270510	5.5400789	0.0640627049	0.558229649	0.0230497910	0.8325161194	0.229591725	0.0358964424	0.065842977	0.5443064700	AP000811.1
ENSG00000270562	5.7238425	0.2621433076	0.008403608	0.1468483492	0.1377375668	−0.003417262	0.9723352253	0.065562028	0.5057089400	AC097634.1
ENSG00000270574	19.0995483	0.0872471000	0.503524813	0.3101904043	0.0171131154	0.223239338	0.0860075394	0.174400919	0.1776836972	AC010680.2
ENSG00000270589	27.9303790	0.1331373709	0.310384594	0.2003706771	0.1257805098	0.378882059	0.0037746937	0.179734373	0.1682314398	AL158163.1
ENSG00000270605	46.0627066	0.1346700833	0.305243598	0.2752717575	0.0355760096	0.193750717	0.1391488606	0.170713858	0.1910088286	AL353622.1
ENSG00000270629	1550.6383162	−0.0443062974	0.526368620	−0.0306329582	0.6640970696	−0.118475211	0.0932773946	−0.240350597	0.0007618696	NBPF14
ENSG00000270641	11.9501562	0.0796894290	0.518985897	0.2528369829	0.0406828709	0.130779192	0.2888978836	−0.125755280	0.3026670297	TSIX
ENSG00000270647	5328.0743069	−0.0903412182	0.029876157	−0.0036011540	0.9317707662	−0.004544601	0.9139776379	−0.094117304	0.0274559198	TAF15
ENSG00000270681	171.7004238	−0.0608441373	0.572746259	−0.2682323356	0.0133598084	−0.143806738	0.1842988061	−0.070362903	0.5170982785	AC095055.1
ENSG00000270704	3.0659961	−0.1948933416	0.028046588	−0.1553963584	0.0796079285	−0.062881401	0.4788379250	−0.196717586	0.0258926900	AC124312.4
ENSG00000270761	4.1270760	0.1945587639	0.040375754	0.0506019013	0.5917296001	0.092888241	0.3248934547	0.127468509	0.1759452120	AL355353.1
ENSG00000270799	2.0163426	−0.1728155914	0.028550749	−0.1205390002	0.1267947170	0.040698996	0.6078499389	−0.220054923	0.0050646914	AC013467.2
ENSG00000270800	0.7725356	0.0228889741	0.714092778	−0.0260746690	0.6744562038	0.046004886	0.4596204495	0.168333598	0.0076366722	RPS10−NUDT3
ENSG00000270804	41.7605494	−0.0043333488	0.972273465	−0.0898458546	0.4714589737	−0.096970096	0.4373249542	0.251466796	0.0427610365	AC010326.4
ENSG00000270858	0.6956743	0.0088294693	0.871167298	0.0248765141	0.6478118627	0.010213576	0.8507987464	0.131842844	0.0159592302	VDAC1P5
ENSG00000270871	57.9755419	−0.0165037819	0.885649451	0.0289647143	0.8007790804	0.261870570	0.0219876522	0.153632464	0.1808089969	AC015849.3
ENSG00000270885	0.7059115	0.0624605669	0.266399537	0.0788705488	0.1605685887	0.020045176	0.7198963150	0.114157173	0.0424941632	RASL10B
ENSG00000270911	35.2146200	0.0228538662	0.855479351	0.0245528866	0.8442884872	0.111953282	0.3705744970	0.331565824	0.0077555770	AC114878.2
ENSG00000270945	1.9747715	0.0307176226	0.719441153	−0.1179508662	0.1645043886	−0.172980783	0.0406061152	−0.111890455	0.1857052011	HSPE1P7
ENSG00000270964	7.6865741	−0.1157856903	0.327053558	−0.0215306814	0.8551418413	0.232863049	0.0492100079	0.004188905	0.9715555905	AC016355.1
ENSG00000270987	146.1683589	−0.0166875771	0.853010173	−0.1194086921	0.1885641171	−0.187517182	0.0395194093	−0.216140530	0.0185060760	AL133338.2
ENSG00000271065	0.6293370	0.0394232300	0.478478658	0.1339417490	0.0166202958	−0.025540907	0.6439038121	0.019610805	0.7235574083	AC107031.1
ENSG00000271254	341.2046279	−0.1255100531	0.325210231	−0.1597374938	0.2099607283	−0.079910558	0.5305336849	−0.270020826	0.0337865551	AC240274.1
ENSG00000271265	0.4320981	0.0060006810	0.870429038	0.0107473757	0.7700845077	0.016298032	0.6576145507	0.072499241	0.0485449013	AL355297.3
ENSG00000271324	1.6701665	0.0622607381	0.393962238	0.2305067198	0.0016962395	0.036239441	0.6184716945	−0.008778435	0.9036987096	AC112220.3
ENSG00000271380	17.3849184	−0.3584239741	0.006417461	−0.0889944893	0.4974654786	−0.126640414	0.3341945064	−0.048703800	0.7092215143	AL451085.2
ENSG00000271383	1470.1493823	0.1010382356	0.382895108	0.1428054327	0.2181224187	0.279615789	0.0158851875	0.036175246	0.7555060798	NBPF19
ENSG00000271426	10.3838186	0.2598417011	0.030019673	0.1471816400	0.2165820065	0.039039633	0.7425570080	0.215722074	0.0691388910	AL109983.1

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
NSG00000271428	6.6701331	−0.227335443	4.241009e−02	−0.0976614530	0.3829524918	−0.035892822	0.748587630	−0.064335894	0.5643151498	AL031281.1
NSG00000271430	205.3933366	−0.067870671	5.083390e−01	0.0130385186	0.8992409159	0.257188153	0.012300089	0.169729492	0.0999769823	NA
NSG00000271503	248.2162284	−0.344771363	8.793209e−03	−0.4031375462	0.0021118558	−0.276868810	0.034758264	−0.359111321	0.0059568830	CCL5
NSG00000271581	19.6933044	0.098761022	4.538724e−01	0.3064071613	0.0197460813	0.053490020	0.684050381	0.113679068	0.3851921568	AL671883.3
NSG00000271601	1060.9171348	−0.135344729	4.843882e−02	−0.0312257953	0.6515071166	0.034980193	0.612791098	0.153187818	0.0281486773	LIX1L
NSG00000271605	953.5789466	−0.179252254	2.259679e−02	0.0171261950	0.8285840868	−0.143478572	0.070046713	−0.079996958	0.3169129473	MILR1
NSG00000271614	1286.1373504	−0.001511925	9.901753e−01	−0.0191843243	0.8758277905	−0.315688630	0.010143506	−0.360608696	0.0033145245	ATP2B1−AS1
NSG00000271615	0.6910756	−0.111013869	3.560818e−02	−0.0588091871	0.2668434485	−0.109788289	0.037313279	−0.117730294	0.0254914780	ACTG1P22
NSG00000271654	0.9876933	0.102723958	9.664856e−02	0.0088018231	0.8860973322	0.046732376	0.446900548	0.132642499	0.0319750372	AC025062.2
NSG00000271737	8.0242341	−0.157049844	1.808239e−01	−0.0909370490	0.4375844408	−0.378844629	0.001136747	−0.124280107	0.2857958656	AC008608.2
NSG00000271788	2.2795760	−0.091966258	3.188109e−01	−0.0677621472	0.4620095904	−0.065014233	0.479609341	0.188308750	0.0427377620	AC008875.1
NSG00000271797	39.9624581	0.224914842	6.260754e−02	0.1311352072	0.2786639294	0.320461734	0.007928614	0.204001560	0.0916682778	AC008494.3
NSG00000271840	6.8932625	0.154104215	1.604642e−01	0.2339265318	0.0328218102	0.050584330	0.642998697	0.052746004	0.6277338016	AL031281.2
NSG00000271862	17.2509330	0.287765060	2.177935e−02	0.1298742096	0.2981735205	0.169502352	0.174527583	0.177114950	0.1538852686	AC104118.1
NSG00000271941	21.7460888	0.167852578	1.995567e−01	0.2616074338	0.0449432187	0.013359368	0.918580629	0.027987631	0.8297998873	AC104184.1
NSG00000271964	17.5950374	−0.321636556	9.404168e−03	−0.4332712653	0.0004398677	−0.223196095	0.070606315	−0.302139315	0.0138911135	AC090948.1
NSG00000272009	22.6721089	0.273796103	3.530113e−02	0.0813338149	0.5299465251	−0.071846241	0.578671612	−0.032766838	0.7992090813	AL121944.1
NSG00000272030	12.7823911	0.165201139	1.995566e−01	0.1345342697	0.2940892076	0.257953862	0.044405797	−0.080506305	0.5274325731	AL162258.2
NSG00000272037	26.7030241	0.303302986	2.126047e−02	0.2985551014	0.0229851670	0.198780688	0.130166801	0.149347095	0.2537671966	AP002907.1
NSG00000272040	17.7422540	0.092822027	4.812163e−01	−0.0006477097	0.9960651257	0.163688039	0.212739491	0.307638082	0.0187051404	AC010245.2
NSG00000272047	342.1047196	−0.106386187	1.475039e−01	0.1191657366	0.1061004708	0.173889614	0.018333069	−0.071905732	0.3357678762	GTF2H5
NSG00000272049	1.0117476	−0.113959279	2.844407e−02	−0.0981549167	0.0591461670	−0.037358525	0.472923474	−0.125108954	0.0159285407	AC091965.4
NSG00000272053	45.9965416	−0.339112784	7.922604e−03	0.0182520611	0.8858640167	−0.054695678	0.667363432	−0.002129744	0.9866170192	AL160400.1
NSG00000272076	1.5871813	0.104195723	2.070033e−01	0.0441997704	0.5901991026	0.182337227	0.027110961	0.172725785	0.0365786835	AC090186.1
NSG00000272084	21.6536543	0.018068632	8.877158e−01	0.1669944785	0.1904069741	0.255974555	0.044572610	0.222259955	0.0802467847	AL137127.1
NSG00000272106	263.2293963	−0.086531000	3.057014e−01	−0.1204421650	0.1572374212	−0.109443868	0.198941653	−0.293439735	0.0006503062	AL691432.2
NSG00000272145	36.7916344	0.292159947	2.271387e−02	0.2266838866	0.0768263896	0.008280628	0.948573975	−0.000330030	0.9979440657	NFYC−AS1
NSG00000272148	3.0836000	0.254565041	4.437614e−03	0.1031492401	0.2458794735	0.082579369	0.351969765	0.011916517	0.8926805447	AC013403.2
NSG00000272221	49.0496756	−0.330716663	5.680388e−03	−0.0852561994	0.4746068469	−0.013562342	0.909451522	−0.066407742	0.5757726682	AL645933.2
NSG00000272263	1.5382358	0.052489667	4.989315e−01	0.0943956838	0.2238627598	0.152249374	0.049996996	0.206922997	0.0079748000	AC034198.2
NSG00000272277	76.0474471	0.037639232	7.466351e−01	0.0168934756	0.8848920145	−0.257089485	0.028296850	−0.156714400	0.1808044227	AL031963.3
NSG00000272279	2.9186428	−0.200041112	1.473772e−02	−0.1299404067	0.1133675795	−0.132723909	0.105429492	−0.213458307	0.0089152506	AL512329.2
NSG00000272335	8.7567339	0.121730883	3.019083e−01	0.2856658444	0.0153039567	0.158568959	0.177099161	0.186178212	0.1117833874	AC093297.3
NSG00000272341	8.1547270	0.153204676	1.977644e−01	0.3005137437	0.0114737429	0.272250501	0.021863433	−0.046504657	0.6921796262	AL137003.2
NSG00000272359	2.5240795	0.057075504	5.308931e−01	−0.0472772875	0.6014463218	0.053410055	0.556146821	0.260189118	0.0043639826	RNU4−89P
NSG00000272360	5.4685479	−0.074454752	4.817042e−01	−0.1642611066	0.1186450116	−0.210729344	0.044826668	0.011275529	0.9147443541	AC116036.2
NSG00000272366	1.5158757	−0.010727481	8.817513e−01	0.0460619286	0.5235085570	0.162744665	0.024664808	0.087460183	0.2257323763	AL158211.3
NSG00000272367	56.5729182	0.227487339	6.351514e−02	0.2855451245	0.0197231966	−0.007484480	0.951450978	−0.145586759	0.2371089570	AC018754.1
NSG00000272370	2.6299944	0.221547063	1.760770e−02	0.1138231384	0.2199176406	0.140258683	0.130423272	0.177946413	0.0546195750	AC092354.2
NSG00000272398	29.6736050	0.194106711	5.491122e−02	0.2416436618	0.0165640316	0.221965541	0.027691698	0.188551291	0.0605292663	CD24
NSG00000272430	14.1857559	−0.280434513	3.018330e−02	−0.1221429239	0.3441444237	−0.106884464	0.407683082	−0.236815299	0.0649268306	AL356056.3
NSG00000272447	113.4722845	−0.085570904	5.092579e−01	−0.2202847231	0.0887474086	−0.246116981	0.057250850	−0.330055264	0.0106036223	AL135925.1
NSG00000272468	1.8033380	−0.140544343	4.391233e−02	−0.1514711383	0.0296746191	−0.121582537	0.080825537	−0.135329309	0.0516172968	AL021807.1
NSG00000272483	8.3787144	0.330136944	7.470610e−03	0.1990932653	0.1044511561	−0.095828598	0.431600612	0.212926138	0.0813509562	AC022001.3
NSG00000272491	8.2740815	0.156163250	1.506301e−01	0.0620428198	0.5661499022	0.100923803	0.350672189	0.213262377	0.0481922501	AL109659.2
NSG00000272509	12.2753948	−0.263772599	2.519421e−02	−0.1590192511	0.1762010129	−0.096543122	0.411687319	−0.161288579	0.1681853856	AC087752.4
NSG00000272512	20.6481568	0.300288867	1.238359e−02	0.2181337229	0.0681897940	0.164523335	0.168694629	0.048734749	0.6816276618	AL645608.8
NSG00000272518	52.0139923	−0.050965108	6.746983e−01	−0.0764945196	0.5289135744	−0.143508097	0.238192131	−0.275922754	0.0235199281	AC036214.2
NSG00000272523	34.3573395	0.016764610	8.979344e−01	0.0211551100	0.8711148752	−0.336586408	0.009964113	0.030994036	0.8115366402	LINC01023
NSG00000272529	7.5139239	0.213124441	3.592175e−02	0.1438594455	0.1549694383	0.157770430	0.118673372	0.048292063	0.6315804275	AC090948.3
NSG00000272562	2.3333306	−0.064159105	4.641699e−01	−0.0147927270	0.8659134610	−0.197815850	0.022681880	−0.005689974	0.9481391167	AL512343.2
NSG00000272573	3.8673191	0.079152996	4.400601e−01	−0.0330691255	0.7455965173	0.216989517	0.034420396	−0.058398544	0.5644553452	MUSTN1
NSG00000272574	8.6432886	0.130296684	2.539784e−01	0.2605003183	0.0222977643	0.219495405	0.053848741	0.160692395	0.1566655498	AL596325.2
NSG00000272578	102.0577435	0.237970802	2.381226e−02	0.1490057015	0.1590465973	0.218649538	0.038668617	0.006524193	0.9511952440	AP000347.1
NSG00000272595	0.5618744	0.033402978	3.107233e−01	0.0000000000	1.0000000000	0.075084732	0.022735069	0.007462039	0.8206514571	AC092028.1
NSG00000272599	12.7902630	0.287445914	2.604433e−02	0.0850773064	0.5075991467	0.182537268	0.155364853	0.127056225	0.3205295246	AC016394.1
NSG00000272602	173.9938625	−0.048720295	7.056998e−01	0.0087614451	0.9457549615	−0.161256819	0.210614145	−0.310594562	0.0156986585	ZNF595
NSG00000272632	2.6335762	−0.085859723	3.046199e−01	−0.1724796153	0.0382636974	−0.134678012	0.105664839	−0.093440984	0.2617577470	AC097504.2
NSG00000272654	34.9467679	0.071040639	5.882962e−01	0.1819002775	0.1645121726	0.375065802	0.004137476	0.029304129	0.8222945190	AL358472.2
NSG00000272663	3.1597255	−0.191554216	2.899586e−02	−0.1375661244	0.1165805402	−0.060292358	0.492074214	−0.152069794	0.0820616053	AC093635.1
NSG00000272669	50.6375782	0.528412680	2.202508e−05	0.4772300151	0.0001263849	0.227138232	0.068925948	0.379252490	0.0023445703	AL021707.6
NSG00000272699	2.4048640	−0.078133065	3.070385e−01	−0.1466977407	0.0542832446	−0.157010362	0.039111685	−0.111918012	0.1415395118	AC007620.3
NSG00000272711	30.1292688	0.243405817	6.460120e−02	0.3995114745	0.0023443343	0.377475540	0.004039352	0.252219461	0.0536609974	AC019069.1
NSG00000272720	17.4816246	0.087420968	4.546580e−01	0.0792695038	0.4963172506	0.135682401	0.244315423	0.350837304	0.0025310147	AL022322.1
NSG00000272721	0.9577507	0.014784237	7.678084e−01	0.1074741932	0.0322502926	−0.007607713	0.878912004	0.044880908	0.3699597555	AC131235.3
NSG00000272735	2.2424741	0.151006499	2.487934e−02	0.0674965615	0.3143842978	0.050967766	0.446795467	−0.002456892	0.9706944097	AC007881.3
NSG00000272745	1.4778971	0.141060322	3.930929e−02	0.0133953106	0.8438934319	0.005598671	0.934283261	0.034695904	0.6097909852	AC004948.1
NSG00000272752	119.1437001	0.191947609	5.303696e−02	0.1765571688	0.0762817844	0.228007092	0.022030922	0.027079120	0.7879647915	STAG3L5P−PVRIG2P−PILR
NSG00000272798	1.3880617	0.051389269	4.667411e−01	0.0169592219	0.8096538094	0.182851132	0.009808915	0.090707407	0.1983872423	AL008721.1
NSG00000272812	12.4144746	0.175797584	1.710980e−01	0.1896358024	0.1384689964	0.286355053	0.025353321	0.113221353	0.3735624682	AC004908.2
NSG00000272821	573.8224440	0.104846885	4.001647e−01	0.0697677096	0.5753876007	−0.043155598	0.729023072	0.317746511	0.0106769794	U62317.3
NSG00000272829	9.0289243	0.055749192	6.520483e−01	0.2865406491	0.0204094132	−0.014960148	0.903127406	0.180734191	0.1411802749	AC002470.1
NSG00000272834	15.6001415	−0.013780249	9.148910e−01	−0.0811827167	0.5272176504	0.416448671	0.001224901	0.028463721	0.8238604738	AL022238.3
NSG00000272836	104.4216716	−0.069189078	5.698663e−01	−0.0821065038	0.5001561079	−0.026662474	0.826672710	−0.320774042	0.0085543295	AL022328.1
NSG00000272843	4.9531258	−0.233046688	2.159813e−02	−0.1686531976	0.0960814626	−0.088111578	0.385094786	−0.102564585	0.3104450925	AC211476.2
NSG00000272866	0.7756643	−0.092879136	4.402048e−02	−0.0783966648	0.0891005633	−0.072642187	0.114749144	−0.063735549	0.1670476216	AL135786.2
NSG00000272870	23.1534967	−0.021433054	8.657305e−01	0.1724838501	0.1723674094	0.004868573	0.969236787	0.255360974	0.0424877556	AC097534.2
NSG00000272888	4783.0163404	−0.026005180	6.785585e−01	−0.0935156543	0.1400015455	−0.139286919	0.027974339	−0.246795290	0.0001192845	LINC01578
NSG00000272892	1.3310993	0.098897405	4.454551e−02	0.0439911558	0.3706338242	0.005099656	0.917190383	0.020723467	0.6728117958	AL133551.1
NSG00000272895	1.1751501	0.040827430	4.681903e−01	0.1016381766	0.0714194950	0.154946745	0.006012725	0.011716841	0.8345186277	AC009303.3
NSG00000272899	33.9567897	0.487362986	2.184822e−04	0.2298039763	0.0803176977	0.124406352	0.343726973	0.128750088	0.3251561348	AC025594.2
NSG00000272910	3.1756669	−0.168781821	1.021137e−01	−0.1548036708	0.1327900055	−0.282129290	0.005809855	−0.053966870	0.6006261090	AC090425.2
NSG00000272953	3.5851316	−0.085635144	3.768770e−01	−0.0982909407	0.3093456138	−0.075445460	0.434974170	−0.230590743	0.0161414062	AC092171.4
NSG00000273000	21.4437382	0.334170500	9.441733e−03	0.3780937053	0.0032425050	0.076952251	0.550820342	0.168146546	0.1908809195	AP000347.2
NSG00000273002	5.4568567	−0.264159454	1.674883e−02	−0.1312711075	0.2347397027	−0.253868675	0.021020783	−0.099547508	0.3658033254	AL355388.2
NSG00000273015	653.5431598	−0.175211929	2.532718e−02	−0.0207392097	0.7925019091	−0.106713005	0.176384513	−0.154793436	0.0520535575	AC008124.1
NSG00000273017	8.0223229	0.060158403	5.996620e−01	0.2498774534	0.0292566495	0.159317582	0.163626278	0.071345042	0.5303611582	AP000240.1
NSG00000273026	4.6320405	0.043361062	6.624175e−01	0.1574708234	0.1129271310	0.210315217	0.034308852	0.212138432	0.0323540190	AL358472.3
NSG00000273027	1.0022470	−0.063518377	2.718180e−01	−0.0884415216	0.1252896559	−0.118668682	0.039127938	−0.107149118	0.0628506482	AL844908.2
NSG00000273073	2.4743211	0.056880442	4.960486e−01	0.2571449632	0.0021973692	0.137091650	0.100721294	0.112822291	0.1759167684	AC073869.3
NSG00000273096	13.6752184	0.181738626	1.594122e−01	0.2609382133	0.0426692511	0.129203301	0.314895652	0.088949422	0.4870188631	AL021707.8
NSG00000273108	15.7346340	0.124552913	3.048451e−01	0.0294348563	0.8075239808	0.242728438	0.044873610	−0.003239381	0.9785029198	AL121929.2
NSG00000273117	176.6618079	0.378092143	1.493970e−03	0.1267003230	0.2881990494	−0.097086581	0.416409782	0.077482509	0.5163790116	AC144652.1
NSG00000273136	787.4901605	−0.023359049	8.506583e−01	−0.0158575568	0.8982539086	0.023570287	0.849262931	−0.248407907	0.0451065373	NBPF26
NSG00000273137	175.0249653	0.239435445	1.966697e−02	0.0013895896	0.9892760917	0.111966409	0.278356481	−0.049459219	0.6340133479	AL022328.2
NSG00000273142	224.2476008	0.274121024	1.190109e−02	−0.2347245018	0.0323857808	0.002316810	0.983123499	0.107901060	0.3257580069	AC073335.2
NSG00000273143	0.7616071	0.034719423	5.264610e−01	−0.0269903977	0.6212214990	0.108857980	0.047314310	0.010141940	0.8527534165	AL355512.1
NSG00000273145	26.2944254	−0.290065798	2.638105e−02	−0.1292168950	0.3209846529	−0.081857262	0.529529227	−0.271241888	0.0367673108	BX537318.1
NSG00000273173	13.3816824	−0.249207267	5.772140e−02	−0.1451238421	0.2676334204	−0.136646201	0.296520946	−0.400684547	0.0020795498	SNURF
NSG00000273179	3.4263967	0.066435242	4.309654e−01	0.0110567021	0.8953782397	0.233295674	0.005748803	0.141105592	0.0934541538	AC092535.4
NSG00000273199	6.0033689	0.001576374	9.895983e−01	−0.0990861273	0.4095697027	−0.276828865	0.020507006	−0.142502820	0.2332745703	AP000692.2
NSG00000273213	2.0159590	−0.112340496	1.389919e−01	−0.1600287991	0.0345720629	−0.062964356	0.406649678	−0.132641679	0.0791919473	AC239798.4
NSG00000273243	11.3773480	0.040036800	7.301241e−01	−0.2733932794	0.0176035306	−0.057028713	0.621313745	−0.135563788	0.2380769995	Z82243.1
NSG00000273245	9.4115172	−0.101924263	3.815671e−01	−0.2502510426	0.0305937481	−0.050702713	0.662146454	−0.037095976	0.7485370288	AC092653.1
NSG00000273253	168.6048211	−0.002206412	9.857523e−01	−0.0624091659	0.6134034301	−0.193610312	0.117260476	−0.351746651	0.0044431063	AL022328.4

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000273257	1.7368801	−0.0302658806	6.936210e−01	−0.157079643	0.0393985228	−0.102386018	1.796508e−01	0.003621983	9.623438e−01	AC069200.1
ENSG00000273261	18.9940131	0.1054522073	4.235477e−01	0.347362838	0.0081814549	0.196185571	1.352051e−01	0.209781923	1.087456e−01	AC092953.2
ENSG00000273287	1.4008990	0.1139622500	4.776275e−02	0.077512163	0.1772666694	0.059022694	3.034098e−01	0.057800708	3.137676e−01	AL008718.2
ENSG00000273306	30.5453808	0.2049083288	1.093253e−01	0.262689293	0.0396792769	0.227418168	7.516623e−02	0.153258177	2.298327e−01	AC018690.1
ENSG00000273311	70.4304726	−0.1515161061	2.424281e−01	−0.190912955	0.1400524409	−0.284960193	2.769895e−02	−0.046655588	7.176178e−01	DGCR11
ENSG00000273314	85.6818706	0.1351110060	2.887663e−01	0.153259668	0.2281939819	0.020714880	8.707156e−01	0.327977468	9.766461e−03	AC005229.4
ENSG00000273320	14.3609479	−0.0818173347	5.347704e−01	−0.123657046	0.3464659287	−0.314337260	1.663718e−02	−0.473557575	2.895440e−04	AC007032.1
ENSG00000273338	56.2018606	−0.0990351554	4.514434e−01	0.001268870	0.9922800157	−0.035408275	7.871763e−01	−0.299756351	2.184861e−02	AC103591.3
ENSG00000273340	5.6052099	0.2048105429	3.395693e−02	0.106667484	0.2674106153	−0.097760357	3.069886e−01	0.045672465	6.331456e−01	MICE
ENSG00000273343	5.8928685	0.0747032004	5.111642e−01	−0.111299617	0.3237884881	0.274691779	1.572618e−02	−0.110837786	3.236584e−01	AC007663.4
ENSG00000273344	154.9895103	−0.2271335527	3.546384e−02	−0.195976432	0.0702713629	−0.284322172	8.736417e−03	−0.234713061	3.086329e−02	PAXIP1−AS1
ENSG00000273402	3.8017087	0.0006574456	9.939795e−01	0.174011560	0.0462172004	0.032155278	7.114197e−01	0.024203800	7.802979e−01	AC004908.3
ENSG00000273403	3.2373444	0.1965898096	4.255233e−02	−0.094863497	0.3214937539	0.122631261	2.029170e−01	0.161528229	9.331583e−02	AC107294.3
ENSG00000273419	5.5981869	−0.0658042386	5.892492e−01	0.057256051	0.6386749315	0.294065474	1.637797e−02	−0.109471010	3.641721e−01	AC004877.1
ENSG00000273428	1.5936726	0.0054179691	9.445202e−01	0.031477829	0.6860588211	0.196737375	1.201454e−02	0.059818495	4.415078e−01	AC004832.6
ENSG00000273443	24.8392450	0.3159613127	1.032222e−02	−0.022591422	0.8536649187	−0.096567715	4.301159e−01	0.107650690	3.775691e−01	AL645608.9
ENSG00000273445	2.6758136	0.0482348189	5.206495e−01	0.024845423	0.7401969242	0.174600134	2.014461e−02	−0.018140080	8.081162e−01	AC133644.2
ENSG00000273449	49.7399045	−0.0096410249	9.417113e−01	0.040374042	0.7587167384	0.213999644	1.035071e−01	0.310924755	1.754528e−02	AC093788.1
ENSG00000273461	6.6856129	−0.0273907354	8.149647e−01	0.147960224	0.2064431705	0.257229985	2.828354e−02	0.010392121	9.287274e−01	AC105265.3
ENSG00000273472	289.0175480	−0.1321688161	2.332147e−01	−0.176792421	0.1117150423	−0.221554154	4.633335e−02	−0.463321233	3.337962e−05	AC096733.2
ENSG00000273478	169.3284401	0.1400720618	1.882403e−01	0.086036756	0.4208532248	0.378117749	3.890523e−04	0.110595150	3.024053e−01	AC099676.1
ENSG00000273523	3.9815680	0.2735128440	4.492263e−03	0.134970333	0.1582102932	0.215966214	2.411475e−02	0.198745772	3.742638e−02	AL139082.1
ENSG00000273559	1517.9848012	0.1861667037	1.100570e−02	0.046018329	0.5333500641	−0.062158722	4.004933e−01	−0.054399998	4.664418e−01	CWC25
ENSG00000273565	12.2778441	−0.0537921291	6.624873e−01	−0.081622379	0.5061111670	−0.153256683	2.112724e−01	−0.296258642	1.502399e−02	AL691403.2
ENSG00000273604	50.1823972	0.2915348931	2.363222e−02	0.053221336	0.6781979961	0.104057220	4.172350e−01	0.051914349	6.842382e−01	EPOP
ENSG00000273611	676.6875368	−0.1697291038	2.962086e−03	−0.082041153	0.1541864622	−0.134646397	1.960433e−02	−0.105338548	7.103473e−02	ZNHIT3
ENSG00000273654	300.7730180	−0.1563873604	3.845156e−02	−0.018095785	0.8116143156	−0.157386514	3.899331e−02	−0.065148102	3.958774e−01	AC020904.2
ENSG00000273723	6.2603461	0.1260482675	2.358367e−01	0.266779458	0.0121139365	0.208955429	4.897439e−02	0.109617121	2.988429e−01	AL139089.1
ENSG00000273727	0.7111081	0.1447823549	1.415719e−02	0.002527988	0.9655054723	0.022827586	6.958257e−01	−0.042830217	4.624487e−01	U1
ENSG00000273802	6.0119917	0.0134948300	8.936084e−01	−0.014540038	0.8850460790	−0.115194527	2.507091e−01	−0.256169277	1.020303e−02	HIST1H2BG
ENSG00000273812	2.6750208	0.1590875317	8.913879e−02	0.266717048	0.0044103565	0.020559644	8.243401e−01	0.111293517	2.312843e−01	BX640514.2
ENSG00000273855	163.9149515	0.2085101992	7.137286e−02	0.361030405	0.0018047826	0.339560502	3.347945e−03	0.244962348	3.469518e−02	AC020658.5
ENSG00000273972	19.6352250	−0.1115092822	3.512449e−01	−0.113185404	0.3422310102	−0.233386189	4.989618e−02	−0.111335584	3.480152e−01	AC068722.2
ENSG00000274012	100.5890989	0.1092639075	2.017083e−01	0.059705793	0.4844526944	0.382030842	7.731633e−06	0.102938541	2.267623e−01	RN7SL2
ENSG00000274020	57.1005231	0.2301815311	5.313350e−02	0.391871557	0.0009767351	0.357471992	2.662052e−03	0.280657860	1.844973e−02	LINC01138
ENSG00000274092	6.4857058	0.0316649858	7.781773e−01	0.003390206	0.9758588180	−0.222473374	4.576980e−02	−0.120768775	2.771971e−01	AC106739.1
ENSG00000274104	58.3675549	−0.0785726590	4.970555e−01	0.003288071	0.9773195151	−0.400536606	5.977813e−04	−0.171762999	1.395660e−01	AC020910.4
ENSG00000274191	2.2725932	0.0366960808	6.534800e−01	0.109798902	0.1795544248	0.205065101	1.236016e−02	0.020711029	7.990614e−01	AC026333.4
ENSG00000274213	29.6523958	−0.0447594309	7.318385e−01	−0.062849313	0.6291391389	−0.327283659	1.182210e−02	−0.014872770	9.086010e−01	AC015912.3
ENSG00000274220	1.3353934	0.1620323497	2.933264e−02	0.013991158	0.8494130131	0.055201379	4.538347e−01	0.036913384	6.164344e−01	AC009163.7
ENSG00000274270	11.7209697	0.0586246517	6.069132e−01	−0.042973325	0.7048813854	−0.092405400	4.149126e−01	−0.252925886	2.467483e−02	AL137060.1
ENSG00000274286	19.1979930	0.2630697660	1.425871e−02	0.029130762	0.7851369426	−0.026537042	8.037268e−01	−0.060963993	5.664221e−01	ADRA2B
ENSG00000274292	73.3888291	0.0892134679	4.835834e−01	0.135938747	0.2851374578	0.086971271	4.942815e−01	0.261929018	3.894921e−02	AC084018.2
ENSG00000274315	2.6154311	0.0966577435	2.733688e−01	0.120539980	0.1713002022	0.182443831	3.855267e−02	0.138709261	1.148533e−01	AC009318.3
ENSG00000274403	4.9307780	−0.0028935963	9.773863e−01	0.171477083	0.0936344730	0.207577900	4.239244e−02	0.046520263	6.467429e−01	AC090510.2
ENSG00000274425	113.9408918	−0.1194221062	2.525913e−01	0.211631949	0.0420047802	0.045931227	6.601726e−01	0.152878394	1.442217e−01	AC114271.1
ENSG00000274466	6.5409872	−0.1887635583	1.105990e−01	−0.268666690	0.0223473102	0.195540972	9.959092e−02	−0.107902694	3.590020e−01	MIR1273H
ENSG00000274508	2.5382851	0.2395440450	9.634934e−05	−0.009689720	0.8739695681	0.113769062	6.298733e−02	0.027905171	6.474190e−01	AC007336.2
ENSG00000274554	2.5719630	−0.1342619566	1.473174e−01	−0.202302242	0.0280151730	−0.030478871	7.420036e−01	−0.016402702	8.595805e−01	AC083806.2
ENSG00000274576	1.5219039	0.0224845963	6.527231e−01	0.109271831	0.0289486322	−0.013164331	7.917671e−01	0.029814963	5.500967e−01	IGHV2−70
ENSG00000274602	498.0845077	−0.1236457604	2.948658e−01	0.062608282	0.5944990636	−0.238303992	4.272520e−02	−0.150923012	1.973048e−01	PI4KAP1
ENSG00000274653	5.2535422	−0.1235459418	3.016385e−01	−0.292081866	0.0138702142	−0.144797717	2.239604e−01	−0.213948171	7.048543e−02	AC106782.6
ENSG00000274698	1.1748358	0.0238089721	6.784070e−01	0.115920202	0.0440364669	0.098644664	8.597926e−02	0.055767289	3.310022e−01	AC099521.2
ENSG00000274705	0.9354433	0.1281192998	2.384908e−02	0.033939566	0.5475863040	0.005869690	9.169232e−01	−0.023181473	6.801985e−01	MIR486−1
ENSG00000274750	2.8398174	−0.1387823871	1.223429e−01	−0.143238978	0.1099803053	−0.086178138	3.365482e−01	−0.224201452	1.188597e−02	HIST1H3E
ENSG00000274767	10.5230685	0.0005937082	9.949340e−01	−0.215334727	0.0207038982	−0.086887231	3.510453e−01	−0.215706793	2.005966e−02	AC243829.1
ENSG00000274791	6.0907255	0.0031328102	9.803475e−01	0.040074546	0.7519444688	0.104819489	4.086498e−01	0.314738124	1.310575e−02	F8A2
ENSG00000274849	1.4376090	0.0248636316	7.292617e−01	0.156168474	0.0304925150	−0.011227685	8.752703e−01	0.024737893	7.296422e−01	AC023043.4
ENSG00000274963	11.1039205	0.0999650062	3.786271e−01	0.233113388	0.0397310612	0.070447282	5.332737e−01	−0.051815691	6.448481e−01	RN7SL600P
ENSG00000275052	2945.0040664	0.0968060394	6.173957e−02	0.058752613	0.2620756257	0.118261149	2.396373e−02	0.181880434	6.059017e−04	PPP4R3B
ENSG00000275063	8.7518877	0.0381468397	5.094864e−01	0.028660449	0.6197998973	0.067889377	2.399071e−01	0.123990609	3.171397e−02	AC233755.1
ENSG00000275070	18.1211560	0.2669663104	4.253977e−02	0.228421013	0.0815593726	0.393233398	2.721004e−03	0.074868575	5.662998e−01	Metazoa_SRP
ENSG00000275111	38.2497993	0.2351700930	6.041514e−02	0.027091916	0.8291401001	0.540443470	1.472831e−05	0.447348390	3.347621e−04	ZNF2
ENSG00000275120	10.7979431	−0.2132076980	9.345315e−02	−0.162793230	0.1990441407	−0.092975036	4.634244e−01	−0.305507874	1.518863e−02	AC048382.5
ENSG00000275180	11.0412913	0.0924904149	4.544949e−01	0.126606124	0.3044441014	0.200587097	1.038800e−01	0.252571601	3.972733e−02	AC048341.3
ENSG00000275197	3.4581448	−0.1924865465	5.264228e−02	−0.192779159	0.0516477709	−0.230384574	1.971032e−02	−0.236383685	1.653347e−02	AC092794.2
ENSG00000275238	0.7165496	−0.0208945696	7.114375e−01	−0.039460573	0.4838028282	−0.027866334	6.204191e−01	0.119099742	3.620969e−02	MIR4734
ENSG00000275302	112.0168412	−0.0295901305	7.948040e−01	−0.089038582	0.4322410693	−0.264745914	1.949911e−02	−0.295364527	8.853759e−03	CCL4
ENSG00000275367	21.5415827	−0.0812314350	4.641920e−01	−0.226310738	0.0405486966	−0.129540237	2.412439e−01	−0.041231770	7.082175e−01	AC092111.1
ENSG00000275383	2.0848132	−0.0920001479	2.726445e−01	−0.271361582	0.0010933640	−0.245583811	3.107708e−03	−0.131629781	1.143684e−01	AC126773.4
ENSG00000275400	424.6551893	−0.0538111276	4.418141e−01	0.011136178	0.8744546443	0.008671440	9.021629e−01	−0.141983404	4.697808e−02	AC006001.4
ENSG00000275426	2.6306863	0.0125509693	8.761432e−01	0.226757971	0.0050581989	0.021200682	7.917602e−01	0.071993540	3.702955e−01	AC253576.2
ENSG00000275437	24.1277328	0.2774308210	3.439023e−02	0.115976689	0.3745904535	0.060216236	6.446933e−01	0.033135278	7.988028e−01	AL121832.3
ENSG00000275441	33.6959673	0.1367023616	2.821400e−01	−0.091257426	0.4732782837	−0.225095572	7.746457e−02	−0.337131182	8.095447e−03	AC020765.2
ENSG00000275538	13.0404057	0.1680692771	5.595201e−02	0.182946714	0.0370588702	0.062060340	4.788596e−01	−0.047535896	5.862972e−01	RNVU1−19
ENSG00000275542	0.9479650	0.1027407769	1.255978e−01	0.141252067	0.0354981073	0.127202319	5.751146e−02	0.069343619	2.988376e−01	AC027601.3
ENSG00000275560	137.9935161	−0.1792919592	1.315389e−01	−0.108282872	0.3625563461	−0.163902281	1.684148e−01	−0.299551420	1.194796e−02	AC008115.3
ENSG00000275672	0.6348160	0.0905443993	4.679647e−02	0.029060895	0.5222961216	−0.009768073	8.291849e−01	0.001202676	9.788284e−01	AC025580.3
ENSG00000275720	1.7629916	−0.0185393859	8.064302e−01	0.036168742	0.6330384966	0.155152052	4.117958e−02	0.014884345	8.436286e−01	AC243830.2
ENSG00000275734	1.1254696	−0.0876269909	1.119347e−01	−0.094450399	0.0862643269	−0.111681293	4.211955e−02	−0.113977664	3.824431e−02	AC010538.1
ENSG00000275765	38.0281617	0.0194342158	8.802195e−01	−0.017185288	0.8938176920	−0.069922915	5.873067e−01	−0.343726839	7.599451e−03	AC091982.4
ENSG00000275778	0.9997028	−0.0405905253	5.284389e−01	−0.125520321	0.0499383729	−0.108891299	8.861154e−02	−0.080065303	2.120017e−01	AC018630.6
ENSG00000275835	515.0478099	0.1367717957	6.565409e−02	0.024948520	0.7395649537	0.160157039	3.260858e−02	−0.100367807	1.861034e−01	TUBGCP5
ENSG00000275940	1.9967845	0.1071036520	1.906890e−01	0.132900540	0.1041525248	−0.022411950	7.823178e−01	0.161612355	4.788613e−02	MRPL57P3
ENSG00000275964	142.0024889	−0.2049410490	5.403564e−02	−0.039888152	0.7079870595	−0.209878712	4.940362e−02	−0.104854639	3.269922e−01	AL355001.2
ENSG00000276043	121.8405783	0.2730356076	2.083869e−02	0.136893199	0.2474517730	0.229568077	5.233613e−02	0.344297425	3.631815e−03	UHRF1
ENSG00000276054	0.6064759	0.0133157342	7.765008e−01	0.097383203	0.0385441600	−0.017307756	7.112135e−01	−0.011774028	8.013309e−01	AC243654.3
ENSG00000276070	156.1604840	−0.0531173281	6.227356e−01	−0.077318382	0.4724841924	−0.232239573	3.090137e−02	−0.331364603	1.984382e−03	CCL4L2
ENSG00000276075	4.4632492	0.2321028116	1.614314e−02	0.246544254	0.0104453530	0.157266143	1.012958e−01	0.110682882	2.469902e−01	AC027682.6
ENSG00000276085	526.6947999	−0.0431328384	7.091584e−01	−0.042329539	0.7133598951	−0.179259490	1.197703e−01	−0.338505607	3.164621e−03	CCL3L3
ENSG00000276097	2.6034268	−0.1301713516	1.524165e−01	−0.238467149	0.0083175309	−0.065384470	4.716580e−01	−0.112337328	2.149458e−01	AC006538.3
ENSG00000276116	2.9409937	0.1397717802	1.270513e−01	0.139861404	0.1261701363	0.202694862	2.678016e−02	0.109267251	2.296399e−01	FUT8−AS1
ENSG00000276188	5.9054085	−0.0242699846	8.227007e−01	−0.076024128	0.4806470550	−0.031672853	7.689197e−01	0.219145472	4.270651e−02	AC069234.4
ENSG00000276250	11.2043349	−0.3089932660	1.907489e−02	−0.354295500	0.0069946812	−0.151918952	2.476414e−01	−0.226292103	8.373872e−02	AC127024.6
ENSG00000276255	2.5800445	0.0710274427	3.837873e−01	0.077483348	0.3416264995	0.179213370	2.814207e−02	−0.020600203	7.990028e−01	AL136379.1
ENSG00000276325	3.1558391	−0.2011914268	4.837513e−02	0.036849951	0.7195650846	0.001066716	9.916840e−01	−0.018030838	8.596988e−01	NA
ENSG00000276330	0.6464606	0.0139535992	7.696766e−01	0.103908939	0.0297869225	0.008170519	8.635454e−01	0.000744804	9.875085e−01	NA
ENSG00000276380	2.1831850	0.0863766881	3.297286e−01	0.015813160	0.8574950692	0.112453615	2.027878e−01	0.192078669	3.032452e−02	UBE2NL
ENSG00000276529	26.3483555	0.1885150790	1.282005e−01	0.249702814	0.0434278696	−0.006812033	9.563489e−01	0.242635963	4.994605e−02	AP001505.2
ENSG00000276550	736.5122967	0.4365081107	3.635247e−04	0.233832452	0.0561933425	0.287269978	1.897884e−02	0.108814552	3.742651e−01	HERC2P2
ENSG00000276575	0.8626020	0.1671435300	1.599580e−02	0.095756489	0.1655412107	−0.035517045	6.027734e−01	−0.037678093	5.803073e−01	MIR6895
ENSG00000276600	24.6525690	0.2939663629	5.763015e−03	0.180776091	0.0883585533	−0.001664471	9.874661e−01	0.061692120	5.590210e−01	RAB7B
ENSG00000276641	2.5300677	0.1067899434	2.899044e−01	0.219794408	0.0298082582	0.182593279	7.009155e−02	0.177633098	7.746772e−02	MIR6769A
ENSG00000276678	5.9172246	−0.1731825223	1.080034e−01	−0.041448507	0.7005410567	0.216153680	4.592866e−02	0.035068570	7.443162e−01	GHRLOS
ENSG00000276712	7.1566299	−0.2937114226	1.817524e−02	−0.103630462	0.4048212047	−0.151047234	2.238979e−01	−0.230103726	6.234006e−02	MIR7111

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000276718	29.0553693	0.317767566	1.396805e−02	0.288265564	0.0255461833	0.440576889	0.0006349316	0.3180227679	1.349422e−02	AC005840.5
ENSG00000276724	9.3131498	−0.048075528	6.251401e−01	0.215524094	0.0286135422	0.086850192	0.3768323945	−0.0967891823	3.218882e−01	AC123768.4
ENSG00000276758	17.1156759	−0.043976883	7.137394e−01	−0.015523930	0.8966348624	0.238345641	0.0464825787	0.2536665196	3.327104e−02	AC245884.12
ENSG00000276842	144.9772879	−0.020215718	8.591450e−01	0.048475297	0.6708106043	0.347125351	0.0022862838	0.0547568771	6.318649e−01	AC023510.2
ENSG00000276926	1.3029082	0.157925548	3.474836e−02	0.012339296	0.8677645935	0.110309171	0.1378619561	0.0451381830	5.426656e−01	MIR6797
ENSG00000277048	451.8812819	−0.002320564	9.851278e−01	−0.058351229	0.6379743913	0.245047499	0.0481713645	0.1413791560	2.519907e−01	NA
ENSG00000277144	5.2567110	−0.247172528	1.488997e−02	−0.133946704	0.1869988392	−0.205412603	0.0424911889	−0.3269760667	1.161186e−03	AC092757.3
ENSG00000277170	1.8867794	0.062020252	4.932647e−01	0.021643879	0.8101489428	−0.045014289	0.6152756696	0.2351819511	9.670541e−03	AC012676.3
ENSG00000277182	1.0136198	0.032796440	5.927999e−01	0.067913068	0.2686041172	0.053309476	0.3839788036	0.1400178879	2.274544e−02	AC006449.5
ENSG00000277203	479.6504055	−0.286159841	2.441802e−02	−0.001990361	0.9874934472	−0.109354768	0.3891651899	−0.0073721134	9.536310e−01	F8A1
ENSG00000277310	0.8970245	0.019595534	7.109825e−01	0.098891197	0.0622185455	0.111145074	0.0359063388	0.0319243998	5.454498e−01	AC090246.1
ENSG00000277368	2.8931052	−0.248752919	9.908139e−03	−0.314855681	0.0010266430	−0.326373489	0.0006490340	−0.2481671364	9.745169e−03	AL138966.2
ENSG00000277411	2.5197327	−0.099956240	2.626785e−01	0.177745464	0.0483806821	−0.084878723	0.3403028243	0.0321673045	7.184457e−01	5S_rRNA
ENSG00000277443	3531.8921007	−0.001596618	9.889365e−01	−0.262013958	0.0230986721	0.012920236	0.9107960638	−0.0534980214	6.433836e−01	MARCKS
ENSG00000277450	0.7034268	0.048544677	3.583248e−01	0.106809073	0.0437657058	0.016943584	0.7475364985	0.0370884534	4.818600e−01	AC002094.4
ENSG00000277476	186.8756994	0.165659838	1.066439e−01	−0.038030513	0.7129038129	0.286426584	0.0054188801	0.1010274774	3.296569e−01	AC005332.8
ENSG00000277593	1.6759462	0.190930226	3.360078e−02	0.163689845	0.0674179334	0.082578966	0.3528148105	0.1464345999	1.007208e−01	NA
ENSG00000277597	0.7131684	−0.005867389	9.150904e−01	0.109293900	0.0483193126	0.035891308	0.5142154650	0.0028748669	9.582719e−01	AC130343.2
ENSG00000277632	613.8471879	−0.129832595	3.110276e−01	−0.051242859	0.6881538130	−0.328998865	0.0099643862	−0.4310858722	6.909219e−04	CCL3
ENSG00000277687	180.1985612	−0.020699092	8.493811e−01	−0.131854818	0.2281798594	−0.083598769	0.4448098090	−0.3163210417	4.013925e−03	AL139407.1
ENSG00000277758	18.2697982	0.293403296	2.014235e−02	−0.026991025	0.8296329721	−0.070110599	0.5759524396	−0.0498869830	6.896143e−01	FO681492.1
ENSG00000277856	3.5805107	0.065050229	2.935430e−01	0.084830428	0.1703326377	0.007366230	0.9050659072	0.2333021397	1.648409e−04	AC233755.2
ENSG00000277948	6.5197257	−0.026784486	8.175881e−01	−0.052244434	0.6514375120	−0.253821009	0.0273042031	−0.0918164842	4.249134e−01	uc_338
ENSG00000277971	4.3831739	0.291733243	1.479923e−02	0.223409849	0.0601379586	0.206996049	0.0810007871	0.1470880329	2.136423e−01	AC007731.5
ENSG00000277998	1137.7914070	−0.228260712	1.338001e−04	−0.033978403	0.5725972598	−0.077912597	0.1961677342	−0.0838559231	1.691719e−01	AC107075.1
ENSG00000278022	4.1233837	−0.102122116	2.770460e−01	−0.150230835	0.1083829905	−0.153011354	0.1016222650	−0.2011496637	3.099603e−02	AC118658.2
ENSG00000278034	2.6892888	−0.024554707	8.101425e−01	−0.053502659	0.5998300182	−0.097952345	0.3349981897	−0.2091343255	3.750804e−02	MIR6731
ENSG00000278053	944.9532706	0.182927509	2.074260e−03	0.069510630	0.2473420636	0.085604674	0.1543891226	0.1147748008	5.902851e−02	DDX52
ENSG00000278107	10.0214207	−0.180184196	1.619374e−01	−0.188918524	0.1409017266	−0.344524102	0.0070987653	−0.1158658920	3.648322e−01	AC027575.4
ENSG00000278129	351.2387153	−0.028747079	7.335770e−01	−0.187572697	0.0278374754	0.118650750	0.1625034214	−0.0626697849	4.648866e−01	ZNF8
ENSG00000278219	4.9112153	−0.305063484	1.339478e−02	−0.224471720	0.0684429981	−0.139234531	0.2590679354	0.0593914377	6.309849e−01	NA
ENSG00000278224	19.0190371	−0.113769229	3.830544e−01	−0.271449156	0.0365485635	−0.058539622	0.6523794618	0.1113876870	3.896638e−01	PRICKLE4
ENSG00000278231	68.5065622	−0.043998886	6.875010e−01	−0.009244589	0.9327824809	−0.193939367	0.0784140044	−0.2553225341	2.087503e−02	AL133342.1
ENSG00000278259	786.9132380	0.090351205	1.511076e−01	−0.002056154	0.9742158048	0.132009050	0.0377137802	0.0939472781	1.439646e−01	MYO19
ENSG00000278266	4.3111054	−0.228767859	4.043846e−03	−0.180975649	0.0227276871	−0.222366715	0.0050537852	−0.0604413971	4.476009e−01	AC079949.2
ENSG00000278276	8.1422999	−0.265910516	3.083483e−02	−0.250555254	0.0409997013	−0.121141582	0.3239775398	0.0108076878	9.298725e−01	AL110115.2
ENSG00000278383	1.8286313	−0.173215766	2.181801e−02	−0.112622120	0.1364473994	−0.045858455	0.5446951993	−0.0671365666	3.741208e−01	AL031673.1
ENSG00000278389	0.9164428	−0.094985236	1.693821e−01	−0.170531064	0.0129727247	−0.158452293	0.0207453511	−0.1350115846	4.999499e−02	AC099518.6
ENSG00000278399	0.8179936	0.047424447	3.722601e−01	0.151406744	0.0045472295	0.028621412	0.5890726752	0.0605887810	2.538134e−01	AC026120.1
ENSG00000278434	5.1032174	0.198230286	3.907275e−02	0.106494407	0.2657232475	0.136745108	0.1528906830	0.0589179100	5.358559e−01	AC023830.3
ENSG00000278520	3.4446435	−0.140503448	1.704425e−01	−0.218499118	0.0316545688	−0.052627494	0.6065105759	−0.0924811728	3.658490e−01	MIR7851
ENSG00000278535	70.1434497	−0.039390301	7.106101e−01	−0.240869776	0.0244339373	−0.122287721	0.2522077343	−0.0817127800	4.454363e−01	DHRS11
ENSG00000278558	26.8792983	−0.274458322	1.669812e−02	0.011733795	0.9183436575	−0.362933294	0.0014810599	−0.1295787865	2.551215e−01	TMEM191B
ENSG00000278590	5.1060913	0.203624684	5.164641e−02	0.224699884	0.0312727645	0.198684960	0.0564815236	0.1295236095	2.119610e−01	RN7SL113P
ENSG00000278599	4.0727817	0.198757939	9.792775e−03	−0.012460471	0.8705958886	−0.033074562	0.6650847516	−0.0606810523	4.267531e−01	TBC1D3E
ENSG00000278600	186.4809847	0.133816555	1.780628e−01	0.366928048	0.0002258254	0.164658666	0.0989965987	0.0333839490	7.397992e−01	AC015871.3
ENSG00000278610	0.5320877	0.118870812	2.025773e−02	0.028772547	0.5727388290	0.065686538	0.1979668392	0.0280606244	5.813534e−01	AC093152.1
ENSG00000278619	58.0182168	0.052343445	6.765811e−01	0.057393356	0.6470872463	0.019331464	0.8775320985	0.3260503034	9.113658e−03	MRM1
ENSG00000278709	1.3835794	0.370554545	3.526796e−06	0.081568399	0.2987812584	0.008002274	0.9182611950	0.0225637686	7.726695e−01	NKILA
ENSG00000278727	17.6393631	0.076440929	5.520424e−01	0.178352845	0.1640917535	0.044443481	0.7284901503	0.2545788811	4.594951e−02	AC000403.1
ENSG00000278740	1.2444629	−0.099248889	1.201203e−01	−0.113057652	0.0762642229	−0.110412951	0.0829329559	−0.1493875240	1.874456e−02	AC005332.10
ENSG00000278771	2.0874301	0.070969158	2.669327e−01	0.022630932	0.7228138093	0.139744259	0.0288084474	0.0888911988	1.632668e−01	RN7SL3
ENSG00000278828	21.9468652	−0.377820219	8.642677e−04	−0.318590698	0.0048432085	−0.308280932	0.0063980009	−0.3598722596	1.385418e−03	HIST1H3H
ENSG00000278832	4.2334724	0.001196241	9.905432e−01	0.242449966	0.0167751520	−0.063791640	0.5251400958	0.1211348065	2.284157e−01	NA
ENSG00000278834	39.3318683	−0.170311382	1.666425e−01	−0.290087755	0.0187091996	0.064721604	0.5980378193	−0.3564650349	3.852976e−03	AC073508.3
ENSG00000278845	1093.2960621	−0.123424743	4.898712e−02	−0.042260662	0.5039822481	−0.006227120	0.9215660879	−0.0849751246	1.844220e−01	MRPL45
ENSG00000278918	365.6518844	0.269635173	6.863200e−03	0.203616186	0.0422072070	0.153786566	0.1251883770	0.0613436504	5.431000e−01	AC080112.4
ENSG00000278939	0.9078125	0.109289710	3.758510e−02	0.092573942	0.0777073052	0.041595834	0.4263733341	0.0119917102	8.186850e−01	NA
ENSG00000278943	1.5211459	0.064681538	4.423417e−01	−0.050503004	0.5443401954	0.066098789	0.4296657839	0.2307053653	6.507186e−03	AC079228.1
ENSG00000278985	37.3909493	0.255523167	5.184605e−02	0.015416013	0.9064112883	0.318947680	0.0149443198	−0.1064755167	4.152596e−01	AC092718.7
ENSG00000278991	63.8237975	−0.252485590	4.352999e−02	−0.240187298	0.0546431939	−0.055224927	0.6582198048	−0.1283610348	3.034640e−01	AC090181.3
ENSG00000279069	10.9272757	0.063705663	6.224376e−01	0.261177218	0.0432212385	0.235376036	0.0683186134	0.1073727760	4.026669e−01	AC015813.5
ENSG00000279092	5.2616389	−0.255891816	4.388115e−03	−0.321038986	0.0003331177	−0.298213081	0.0008557679	−0.3087389461	5.474886e−04	AC025678.3
ENSG00000279095	79.2642459	−0.090016688	4.516685e−01	−0.319236868	0.0077905956	−0.136193249	0.2555110844	−0.3137408332	8.947146e−03	AC243964.3
ENSG00000279103	2.9518546	0.090148794	3.479053e−01	0.065408552	0.4940631675	0.257285819	0.0074764740	0.1100089870	2.500098e−01	AC138470.1
ENSG00000279121	5.9687295	0.187472030	9.968639e−02	0.044437755	0.6946204009	0.044689218	0.6927140355	−0.2414695740	3.070705e−02	AC073592.5
ENSG00000279140	4.7378205	0.226060626	3.400513e−02	0.143125845	0.1771855838	0.209823888	0.0480543155	0.0078730963	9.403814e−01	AL590326.2
ENSG00000279159	399.4023606	0.194007832	2.909916e−02	0.038321921	0.6688992563	0.103902546	0.2461177485	0.0455421597	6.138668e−01	AC003681.1
ENSG00000279166	29.5690107	0.157423104	2.276062e−01	0.129276733	0.3199966461	0.184343889	0.1561899456	0.3169630279	1.434219e−02	AC009951.1
ENSG00000279204	1.5221861	0.045966304	4.451766e−01	0.049052199	0.4146420329	0.054338562	0.3656735073	0.1282723040	3.324491e−02	AC134043.2
ENSG00000279207	49.4271439	0.398167157	1.472093e−03	0.113279202	0.3666223366	0.254302991	0.0424785414	0.0115932787	9.263598e−01	AC015813.6
ENSG00000279265	20.7390480	0.243107542	6.477047e−02	0.241431065	0.0657264984	0.269707491	0.0397955266	0.5259696429	5.707123e−05	AC000123.2
ENSG00000279274	1.7769562	−0.199273051	2.746617e−02	−0.155230271	0.0863348763	−0.094457774	0.2972403771	−0.1225612960	1.744563e−01	AC012005.1
ENSG00000279275	5.7396526	−0.036557587	6.778294e−01	−0.111680133	0.2027961930	−0.178946581	0.0408990359	0.0024421528	9.777668e−01	AP002505.2
ENSG00000279283	12.5416561	−0.055907601	6.581437e−01	−0.225903516	0.0722293325	−0.002840826	0.9820001289	−0.2665080438	3.294232e−02	AC131009.4
ENSG00000279296	16.8567317	0.289612357	1.928270e−02	0.089348812	0.4679820873	0.004526052	0.9706397758	0.2631070445	3.194300e−02	PRAL
ENSG00000279329	18.4124265	−0.223889550	8.950101e−02	−0.387325076	0.0032002571	−0.382926285	0.0035626073	−0.1498332276	2.523108e−01	AC020910.5
ENSG00000279344	19.4343090	0.208242911	1.031568e−01	0.010496734	0.9346774690	0.316611617	0.0130123785	−0.0081481116	9.491361e−01	AC007342.6
ENSG00000279345	17.3741567	0.286917515	2.648252e−02	0.041018523	0.7497641526	0.293335550	0.0227403488	0.1163556227	3.635554e−01	Z98885.3
ENSG00000279347	1.8257638	0.034989234	6.164649e−01	0.012089163	0.8623923279	0.145406349	0.0376756983	−0.0070455124	9.192601e−01	AC021945.1
ENSG00000279349	0.6475193	−0.011075329	8.352293e−01	−0.005538474	0.9171941282	0.116089271	0.0300441613	−0.0127294761	8.106037e−01	AC092692.1
ENSG00000279390	6.4717818	0.079641742	4.393246e−01	−0.029647326	0.7723586863	0.232796349	0.0237055350	0.1183651802	2.475099e−01	AF127577.6
ENSG00000279400	4.1805458	0.021502125	8.206740e−01	0.042404966	0.6543930559	0.201997769	0.0335016356	0.0944688665	3.171999e−01	AC008957.3
ENSG00000279406	119.3294814	0.069174954	5.211088e−01	−0.011629385	0.9144227500	0.289303631	0.0072823446	0.1591949283	1.420594e−01	AL359183.1
ENSG00000279407	21.9519478	−0.280059813	2.950015e−02	0.094002384	0.4642428249	−0.038976128	0.7613345764	0.0250360718	8.446802e−01	AC007191.1
ENSG00000279412	27.7203349	−0.132615669	3.100692e−01	−0.096536867	0.4583909160	0.032176302	0.8048464550	−0.2546099763	4.931597e−02	AC020763.3
ENSG00000279424	1.7543694	−0.095521563	1.216371e−01	−0.136486084	0.0266510583	−0.033881461	0.5828023565	−0.0413842442	5.020972e−01	NA
ENSG00000279434	29.1703477	0.181438039	1.679947e−01	−0.009395732	0.9429457728	0.273765476	0.0369509643	−0.0083860829	9.488821e−01	AL049776.1
ENSG00000279448	1.1594662	0.159195193	1.081791e−02	0.053319232	0.3910072465	−0.010372895	0.8668892374	0.0220222805	7.222027e−01	NA
ENSG00000279453	75.7230799	0.113576450	3.651757e−01	0.160751773	0.1994679532	0.109099503	0.3841544165	0.4020001858	1.301464e−03	Z99129.4
ENSG00000279463	5.0994716	−0.177814333	6.168534e−02	−0.052249616	0.5831439524	−0.132959583	0.1614935915	−0.2277322649	1.595149e−02	AL159972.1
ENSG00000279469	2.3858297	−0.038182593	6.380097e−01	−0.158210082	0.0497954706	−0.140207882	0.0818940417	−0.0847232273	2.940971e−01	AC109454.4
ENSG00000279483	175.0466074	−0.247717638	6.236899e−03	−0.056599484	0.5327294976	−0.087453650	0.3358185259	−0.2889218516	1.652774e−03	AC090498.1
ENSG00000279491	178.9227077	0.041520010	7.323751e−01	−0.068745698	0.5714446095	−0.296777195	0.0146741588	−0.2997351332	1.374674e−02	AP003733.4
ENSG00000279495	61.5552168	0.044347075	7.180555e−01	−0.241750113	0.0496723498	−0.105382140	0.3917285645	−0.2889769161	1.896474e−02	AL928654.5
ENSG00000279496	720.3001943	−0.118507430	2.280863e−01	−0.072055737	0.4656316246	−0.194047097	0.0495848372	0.1144752248	2.488552e−01	NA
ENSG00000279499	1.8770747	0.129354763	7.570626e−02	0.089631714	0.2164269863	0.084539580	0.2428891622	0.1974463442	6.749579e−03	AL157770.1
ENSG00000279508	1.5660715	0.041479011	4.258462e−01	0.021756706	0.6758586712	0.103447705	0.0470035314	−0.0008401555	9.870958e−01	NA
ENSG00000279530	72.3220896	0.053104030	6.709119e−01	0.119871367	0.3370334182	0.262466248	0.0354170836	−0.1482398283	2.354168e−01	AC092881.1
ENSG00000279570	10.2412915	0.182777076	1.338526e−01	0.117756717	0.3320060638	0.301595822	0.0131577498	0.3693140640	2.301321e−03	AC099804.1
ENSG00000279584	2.8687111	0.047209600	6.034853e−01	−0.121157200	0.1794563776	−0.199977476	0.0260698645	−0.2395130714	7.421969e−03	AC005593.1
ENSG00000279608	17.3074833	0.279465457	3.191938e−02	0.129895249	0.3165012717	0.224446968	0.0835789257	−0.1153253798	3.708554e−01	AL353795.3
ENSG00000279637	2.8942841	−0.003454354	9.694849e−01	0.183387073	0.0432394464	0.070142086	0.4371148100	0.0201917607	8.222069e−01	AC018445.3
ENSG00000279660	19.2702228	−0.277667257	3.416266e−02	−0.225766568	0.0839830790	−0.355985206	0.0063969582	−0.2222156302	8.754436e−02	AC005703.6
ENSG00000279662	11.4034457	0.168975413	1.694729e−01	−0.053784996	0.6597015089	0.287418200	0.0190837597	0.1587009424	1.930673e−01	AC131649.2

ENSEMBL	baseMean	eaSSc_log2FoldChange	eaSSc_pvalue	ncSSc_log2FoldChange	ncSSc_pvalue	lcSSc_log2FoldChange	lcSSc_pvalue	dcSSc_log2FoldChange	dcSSc_pvalue	GeneSymbol
ENSG00000279673	0.6171219	−0.116631220	0.0298861040	−0.0580576460	0.281183146	−0.071895418	0.180684859	−0.06390101	0.2348034979	AC092919.2
ENSG00000279689	189.7453402	0.174222892	0.0419392659	0.1634370304	0.058343110	0.165825092	0.054983310	0.14560522	0.0938123257	AC022400.8
ENSG00000279692	83.6045047	−0.175741868	0.1252187717	−0.2732599542	0.017432610	−0.320090387	0.005416320	−0.09843834	0.3917434619	AC110285.7
ENSG00000279693	27.4959266	−0.136939257	0.2960781581	0.0336194196	0.796964655	0.262755563	0.044442564	−0.05144223	0.6923828283	AC099521.3
ENSG00000279700	69.0123156	−0.052011794	0.6901038892	−0.0988630337	0.447562302	−0.036880417	0.776918094	−0.26041456	0.0448852304	AC131212.2
ENSG00000279707	2.0745561	−0.153512956	0.0534333839	−0.1498725381	0.059016806	0.054301438	0.496573330	−0.20726352	0.0087023804	AC120349.3
ENSG00000279722	8.2876547	0.200447883	0.0702133296	0.0552891137	0.615584094	0.273899262	0.013130451	0.08318292	0.4480290143	AC007342.7
ENSG00000279744	29.1175720	0.071878969	0.5852608058	−0.1157205847	0.377968575	0.274050229	0.036882562	−0.05800648	0.6571507335	AC132938.6
ENSG00000279748	14.2312571	0.297272577	0.0205382833	0.3805978961	0.002928515	0.237743484	0.062699809	0.44348853	0.0004981183	AC008764.9
ENSG00000279758	1.4665460	−0.114032234	0.1579924684	−0.1752460212	0.029153275	−0.103499789	0.198431180	−0.06285244	0.4362081234	AC105339.4
ENSG00000279765	37.0954831	−0.034283104	0.7809070520	−0.0563334803	0.647692682	−0.110415478	0.371160646	−0.25948035	0.0357493705	AC013394.1
ENSG00000279789	56.1843107	0.418028129	0.0004544161	0.2544231852	0.033374229	0.326080048	0.006369059	0.37513051	0.0016999051	AC120114.4
ENSG00000279799	47.5386080	−0.129792777	0.3125748575	−0.2723796370	0.033948655	−0.134370858	0.295180556	−0.21188285	0.0980999069	AC006077.2
ENSG00000279805	15.1814331	−0.283622643	0.0239954307	−0.2068046607	0.098848085	−0.016463143	0.895609563	−0.03606312	0.7726940734	Z95114.3
ENSG00000279811	20.2283001	0.028260942	0.8291431297	−0.0854450593	0.512342419	0.283136768	0.030132882	0.15751907	0.2255079084	AC093330.2
ENSG00000279816	1.4581037	−0.113436352	0.1495781984	−0.0612314463	0.437705392	−0.056990464	0.469303952	−0.16498449	0.0346866569	NA
ENSG00000279821	2.5572351	0.116929888	0.1591764447	0.1661011587	0.045583951	0.079974488	0.333799331	0.04569474	0.5793577950	AC145098.2
ENSG00000279833	62.4332766	0.104424157	0.3811451401	−0.0638256659	0.593564050	0.313879828	0.008368975	−0.08323581	0.4869051402	AL031846.2
ENSG00000279838	171.6528865	−0.026572945	0.8200866458	−0.0570416833	0.625868830	−0.034195465	0.770097357	−0.28073545	0.0167263041	AL356273.3
ENSG00000279841	9.2046712	−0.137740068	0.1705816956	−0.0702534139	0.483869040	−0.115782215	0.248065398	−0.21521254	0.0309619563	AC092135.3
ENSG00000279853	3.2374706	−0.186797293	0.0504048179	−0.2270052394	0.016924242	−0.172934002	0.068984514	−0.12423089	0.1920180269	AC004453.2
ENSG00000279861	319.8325648	0.181786689	0.0826156619	−0.0073091253	0.944607491	−0.040454741	0.700704953	0.21732294	0.0395633664	AC073548.1
ENSG00000279865	13.9262125	0.049546132	0.7037541486	0.0740467069	0.568646351	0.121572479	0.349339691	0.29471708	0.0227388549	AC006511.3
ENSG00000279880	31.0488518	−0.258801503	0.0309757171	−0.2830184325	0.018461018	−0.100299677	0.401825751	−0.08434538	0.4801270832	AC134407.3
ENSG00000279928	2.3792467	−0.039784668	0.5797825406	−0.1403212859	0.049997769	−0.125722690	0.078871301	−0.12822192	0.0725582306	FO538757.2
ENSG00000279943	3.4119499	0.188333839	0.0294068792	0.1072852887	0.212992687	0.068510194	0.425496213	−0.02738086	0.7488655774	FLJ38576
ENSG00000279980	0.8272561	0.170011778	0.0196698188	0.0531885892	0.461275149	0.066457745	0.356309647	0.08880768	0.2184173549	GABARAPL3
ENSG00000280007	43.7134976	0.118802064	0.3414938745	−0.3639631932	0.003723974	−0.140011200	0.263440988	−0.28103623	0.0248361280	AC008079.2
ENSG00000280015	0.4952732	−0.066104576	0.0916391724	−0.0611521742	0.118593039	−0.071246061	0.068742140	−0.08258849	0.0347671135	AC024023.1
ENSG00000280022	3.7119598	0.088676472	0.2063517696	0.1130871145	0.106730542	0.156632891	0.025479567	0.13042321	0.0624031900	AC126544.2
ENSG00000280063	132.5108545	0.064539775	0.5544969980	−0.0395866606	0.718092290	0.231174120	0.034491579	0.04065875	0.7113514879	AC012676.5
ENSG00000280088	262.0075291	0.057483079	0.4984368533	0.0550756654	0.519579914	0.071483494	0.403446124	0.19113954	0.0261955695	AC126474.2
ENSG00000280107	2.5935634	0.068330837	0.3674996104	0.1104758538	0.144947598	0.164018125	0.030524713	0.16595330	0.0284625214	AL022393.1
ENSG00000280138	195.7600992	0.368596697	0.0050940618	0.3518762156	0.007331295	0.050977174	0.697705152	0.22472516	0.0857143664	AC027290.2
ENSG00000280162	3.2930175	−0.083156860	0.3812135369	−0.1117990239	0.237561109	−0.213746483	0.023269385	−0.04252598	0.6528842732	AL136531.3
ENSG00000280202	148.5912782	0.108683518	0.3334315283	0.1291023946	0.251455502	0.235777655	0.036105947	0.26236760	0.0199715476	AC005831.1
ENSG00000280213	117.5219267	0.002832307	0.9808409355	−0.2330781710	0.048800440	−0.009448510	0.936237019	−0.07715139	0.5141523009	UCKL1−AS1
ENSG00000280228	3.0437897	0.202993899	0.0316972356	0.1941293729	0.039357634	0.114629253	0.221841683	0.02282218	0.8069671584	AC079753.1
ENSG00000280233	4.8749158	−0.209316149	0.0546364346	−0.2165202462	0.046130361	−0.096576712	0.374811917	−0.16369346	0.1306203724	AC015813.7
ENSG00000280248	14.2505911	−0.027428893	0.8351924964	−0.1284258731	0.328530375	0.073553554	0.575819900	0.27598972	0.0350056088	AC124319.4
ENSG00000280254	223.2397381	0.026361572	0.8257483069	0.0823753006	0.491657434	−0.207635341	0.083423538	−0.30199388	0.0118760074	AC233723.2
ENSG00000280279	2.9504205	−0.093703507	0.1637525696	−0.1119145718	0.095699591	−0.171398578	0.010568966	−0.07821990	0.2438908831	AC240565.2
ENSG00000280295	4.6262660	−0.234443037	0.0183179861	−0.2326946230	0.018834030	−0.085653521	0.388594430	−0.16216432	0.1014934878	AC099811.6
ENSG00000280327	9.1023199	−0.363895426	0.0032658791	−0.1975190519	0.109998509	−0.323782799	0.008608793	−0.01292455	0.9165587664	Z97633.1
ENSG00000280332	33.8885812	0.041021935	0.7515265828	0.1857853170	0.150410435	0.305989159	0.017795853	0.16856297	0.1908563678	AC020917.4
ENSG00000280333	2.2378553	0.105078886	0.1565788349	0.0307535505	0.677301172	0.150303495	0.042461996	0.05091801	0.4901684549	AC090617.10
ENSG00000280347	146.6703780	0.160263338	0.1637782720	0.1976799716	0.086329093	0.262477249	0.022743231	0.02603943	0.8217736753	AC000123.3
ENSG00000280355	46.4700526	−0.158616235	0.2021256486	0.2275426061	0.065841593	0.310932782	0.011905093	0.02337953	0.8502909685	AL132656.4
ENSG00000280379	3.6150580	0.097104048	0.3326770709	−0.0250641851	0.801459852	0.204904347	0.041031765	−0.10198510	0.3021119028	AP003072.5
ENSG00000280384	1.8206393	−0.115328784	0.1457901829	−0.1160636139	0.142747247	−0.026711127	0.736421914	−0.17273998	0.0282899597	FP325332.1
ENSG00000280411	6.4147754	0.112231917	0.0884531813	0.0439655255	0.503638962	−0.016798973	0.798127726	0.14798742	0.0243472004	AC245369.3
ENSG00000280433	121.4108748	−0.021158364	0.8497546394	0.2505998768	0.024725571	0.022506700	0.840662601	0.15059898	0.1787901588	FP565260.7
ENSG00000280483	4.2656792	0.216416699	0.0432161187	−0.0153808747	0.884632479	−0.011511652	0.913423515	0.08938131	0.3986312692	NA
ENSG00000280486	17.3746331	−0.260547321	0.0471094313	−0.2072890396	0.112996560	−0.147038786	0.260963489	−0.17032678	0.1909502470	AC005329.3
ENSG00000280502	2.0517796	−0.189063822	0.0322990519	−0.0314467454	0.723431626	−0.009971134	0.910586940	−0.01532360	0.8626465032	Metazoa_SRP
ENSG00000280605	2.8427422	−0.043398360	0.6867644979	0.0169792218	0.874852687	0.048152866	0.655006600	−0.28677203	0.0065209226	NA
ENSG00000280670	71.8728973	0.281362927	0.0058308269	0.0269448651	0.791072344	−0.019321940	0.849308819	0.06947108	0.4929652304	CCDC163
ENSG00000280710	3.4224108	−0.203319615	0.0366969130	−0.2205248238	0.023073256	−0.043405230	0.656175910	−0.11505558	0.2356885509	AL139035.1
ENSG00000280721	8.9870089	0.215465257	0.0438836477	0.1979865824	0.063188535	0.214149041	0.044409941	0.17595064	0.0972034963	LINC01943
ENSG00000280804	6.3264886	−0.266424035	0.0220318838	−0.2064967802	0.075401457	−0.210621408	0.069466893	−0.13600684	0.2401019137	NA
ENSG00000280953	0.8008446	−0.008492992	0.8896239483	0.0002895445	0.996226056	0.076933860	0.209900616	0.26927582	0.0000142904	LINC01163
ENSG00000280992	2.9794678	−0.014624898	0.8794392221	−0.2111981645	0.027057755	0.008932887	0.926008510	−0.06607894	0.4895539745	NA
ENSG00000281026	199.7651253	0.033541891	0.7916723435	0.0654012016	0.606124678	0.155496540	0.220184271	0.31854998	0.0118520864	N4BP2L2−IT2
ENSG00000281079	2.3051236	0.107771309	0.1923099208	0.0966848082	0.241179596	0.175794713	0.033335441	0.09813846	0.2328403687	NA
ENSG00000281087	16.5393472	−0.291374342	0.0200633779	0.0147787987	0.905031749	0.010500265	0.932541069	−0.14516286	0.2438426323	AC135068.6
ENSG00000281100	10.6813490	0.089202013	0.4381645444	0.1772133294	0.122685750	0.242325768	0.034853571	0.20830763	0.0683953355	AC105749.1
ENSG00000281267	3.3109277	−0.214914521	0.0352102916	−0.0646296650	0.527761064	−0.031605786	0.757430605	−0.12137054	0.2331470909	NA
ENSG00000281325	2.1608374	−0.117696499	0.1586990474	−0.0264654186	0.751846460	−0.090508790	0.277610610	−0.17016502	0.0401588450	NA
ENSG00000281344	9.4494598	0.106528128	0.3568788717	0.1918145899	0.096385969	0.135444201	0.239699929	0.29315021	0.0108037625	HELLPAR
ENSG00000281358	103.1642927	0.014231315	0.8811981356	−0.1463891480	0.127866209	−0.163294653	0.089989575	−0.30511818	0.0017024655	RASSF1−AS1
ENSG00000281420	2.2905383	0.109047322	0.1767872926	0.0637818970	0.427696776	0.159262589	0.048091066	0.12375903	0.1241847992	AP001052.1
ENSG00000281450	7.8187630	0.151179961	0.2266997280	0.1543044702	0.215924889	0.189051374	0.129466488	0.33643778	0.0067838182	PANDAR
ENSG00000281555	2.2876456	0.197175591	0.0306174687	0.2240608546	0.013934882	0.225503562	0.013184054	−0.03503683	0.6962924778	NA
ENSG00000281649	1736.2191382	0.124406403	0.0496264641	0.1178828016	0.065428518	0.163714929	0.010506371	0.09937801	0.1247523810	EBLN3P
ENSG00000281669	1.3847298	0.019981291	0.7955690995	0.1770508917	0.022701148	0.013084215	0.864864219	0.07734823	0.3151479347	NA
ENSG00000281849	4.3905465	−0.042145912	0.6727163575	−0.2025033144	0.040882573	−0.119852106	0.226775004	−0.07217068	0.4665658606	AL732314.6