

	<b>p_val</b>	<b>avg_logFC</b>	<b>pct.1</b>	<b>pct.2</b>	<b>p_val_adj</b>	<b>cluster</b>	<b>gene</b>
FGFBP2	2.32E-172	1.986181806	0.793	0.108	5.42E-168	Peripheral	FGFBP2
CX3CR1	2.67E-131	2.150392121	0.645	0.087	6.24E-127	Peripheral	CX3CR1
SPON2	1.41E-118	1.753704942	0.745	0.188	3.28E-114	Peripheral	SPON2
PRSS23	5.72E-99	1.456965657	0.54	0.075	1.33E-94	Peripheral	PRSS23
MTSS1	4.33E-97	1.188049981	0.605	0.114	1.01E-92	Peripheral	MTSS1
ITGB2	2.92E-92	1.322130784	0.93	0.536	6.81E-88	Peripheral	ITGB2
FCRL6	2.08E-84	1.412651599	0.626	0.146	4.85E-80	Peripheral	FCRL6
PTGDS	5.65E-84	1.110962135	0.325	0.014	1.32E-79	Peripheral	PTGDS
SYNE1	1.84E-75	1.315386756	0.901	0.517	4.30E-71	Peripheral	SYNE1
FCGR3A	4.38E-69	1.02890509	0.914	0.52	1.02E-64	Peripheral	FCGR3A
TGFBR3	1.75E-64	0.901754042	0.608	0.183	4.08E-60	Peripheral	TGFBR3
CST7	1.80E-64	0.865345756	0.933	0.731	4.19E-60	Peripheral	CST7
EFHD2	3.33E-62	1.019432531	0.796	0.491	7.76E-58	Peripheral	EFHD2
RASSF4	9.44E-62	1.149489532	0.328	0.037	2.20E-57	Peripheral	RASSF4
S100B	2.75E-61	1.863830561	0.325	0.039	6.41E-57	Peripheral	S100B
S1PR5	1.49E-60	0.894839171	0.519	0.126	3.48E-56	Peripheral	S1PR5
CYBA	1.98E-60	0.705846767	0.949	0.855	4.63E-56	Peripheral	CYBA
GPR56	1.22E-59	1.055392724	0.669	0.265	2.86E-55	Peripheral	GPR56
ZEB2	4.67E-56	1.093585451	0.691	0.288	1.09E-51	Peripheral	ZEB2
PPP2R5C	1.41E-54	0.914456347	0.895	0.652	3.28E-50	Peripheral	PPP2R5C
PXN	7.15E-54	0.694994166	0.669	0.272	1.67E-49	Peripheral	PXN
CEP78	2.04E-53	1.125718405	0.559	0.186	4.75E-49	Peripheral	CEP78
SYNE2	1.13E-52	0.95020905	0.876	0.585	2.65E-48	Peripheral	SYNE2
S100A4	5.67E-49	0.756584824	0.804	0.49	1.32E-44	Peripheral	S100A4
GPR141	1.26E-48	0.391044435	0.282	0.037	2.95E-44	Peripheral	GPR141
NMUR1	3.23E-48	0.72288728	0.358	0.071	7.54E-44	Peripheral	NMUR1
NKG7	5.05E-47	0.55177218	0.997	0.887	1.18E-42	Peripheral	NKG7
GSAP	7.11E-46	0.933789199	0.559	0.201	1.66E-41	Peripheral	GSAP
PLAC8	1.05E-45	0.687205105	0.879	0.514	2.45E-41	Peripheral	PLAC8
CALM1	1.45E-45	0.585683787	0.984	0.928	3.39E-41	Peripheral	CALM1

GZMH	8.03E-43	0.779276123	0.855	0.596	1.87E-38	Peripheral	GZMH
ANKRD20A11P	6.76E-42	0.957747609	0.301	0.059	1.58E-37	Peripheral	ANKRD20A11P
AES	1.37E-41	0.445444506	0.742	0.445	3.20E-37	Peripheral	AES
FLNA	3.64E-41	0.722215422	0.737	0.414	8.50E-37	Peripheral	FLNA
PYHIN1	4.69E-41	0.821922123	0.812	0.504	1.10E-36	Peripheral	PYHIN1
RAP1GAP2	5.02E-41	0.658988952	0.266	0.041	1.17E-36	Peripheral	RAP1GAP2
TTC38	6.25E-40	1.06238684	0.551	0.241	1.46E-35	Peripheral	TTC38
CLIC3	3.20E-39	0.765155358	0.648	0.342	7.47E-35	Peripheral	CLIC3
ITGAL	7.07E-39	0.977659064	0.737	0.443	1.65E-34	Peripheral	ITGAL
FCRL3	1.26E-37	0.9045319	0.403	0.12	2.94E-33	Peripheral	FCRL3
PLEK	3.75E-36	1.091355789	0.68	0.382	8.74E-32	Peripheral	PLEK
KLF2	5.54E-33	0.347609142	0.39	0.123	1.29E-28	Peripheral	KLF2
AHNAK	1.56E-32	0.838257591	0.766	0.472	3.64E-28	Peripheral	AHNAK
RAP1B	5.36E-31	0.727312835	0.898	0.796	1.25E-26	Peripheral	RAP1B
TXNIP	1.56E-30	0.511193893	0.97	0.824	3.65E-26	Peripheral	TXNIP
TMSB10	3.27E-30	0.382732917	0.997	0.983	7.63E-26	Peripheral	TMSB10
GZMM	3.38E-30	0.689486742	0.481	0.216	7.90E-26	Peripheral	GZMM
PARP15	9.00E-30	0.77304528	0.64	0.352	2.10E-25	Peripheral	PARP15
SH3BP5	2.27E-29	0.375490359	0.306	0.088	5.29E-25	Peripheral	SH3BP5
BIN2	5.69E-29	0.721582264	0.828	0.69	1.33E-24	Peripheral	BIN2
FTL	1.05E-28	0.399132471	0.976	0.951	2.45E-24	Peripheral	FTL
KLRF1	5.11E-28	0.607302647	0.728	0.45	1.19E-23	Peripheral	KLRF1
PRDM1	4.98E-27	0.703451062	0.718	0.497	1.16E-22	Peripheral	PRDM1
KIR3DL1	1.80E-26	0.725066144	0.347	0.124	4.21E-22	Peripheral	KIR3DL1
LINC00861	1.98E-26	0.630748075	0.559	0.286	4.63E-22	Peripheral	LINC00861
TFDP2	3.15E-26	0.785208035	0.449	0.207	7.35E-22	Peripheral	TFDP2
MYBL1	3.83E-26	0.474966545	0.371	0.137	8.93E-22	Peripheral	MYBL1
KLF3	5.66E-26	0.689098898	0.336	0.114	1.32E-21	Peripheral	KLF3
ARPC2	6.69E-26	0.436456655	0.97	0.924	1.56E-21	Peripheral	ARPC2
MYL12A	1.29E-25	0.40562635	0.978	0.944	3.01E-21	Peripheral	MYL12A
MYO1F	3.39E-25	0.725601324	0.72	0.509	7.91E-21	Peripheral	MYO1F

HIPK2	1.18E-24	0.706527244	0.427	0.182	2.76E-20	Peripheral	HIPK2
PFN1	3.06E-24	0.326438473	0.992	0.984	7.15E-20	Peripheral	PFN1
ITGAM	4.65E-24	0.703052925	0.382	0.149	1.08E-19	Peripheral	ITGAM
PRKCB	6.49E-24	0.602027936	0.505	0.246	1.51E-19	Peripheral	PRKCB
S100A6	8.09E-24	0.498582423	0.766	0.557	1.89E-19	Peripheral	S100A6
VCL	8.33E-24	0.598365821	0.304	0.098	1.94E-19	Peripheral	VCL
UCP2	8.78E-23	0.615631593	0.812	0.639	2.05E-18	Peripheral	UCP2
TBX21	8.96E-23	0.64654748	0.567	0.328	2.09E-18	Peripheral	TBX21
PLEKHA1	9.47E-22	0.70013146	0.36	0.147	2.21E-17	Peripheral	PLEKHA1
NPC1	1.01E-21	0.652502554	0.417	0.196	2.36E-17	Peripheral	NPC1
SORL1	1.16E-21	0.582017012	0.651	0.399	2.72E-17	Peripheral	SORL1
CYTH1	1.21E-21	0.748442098	0.624	0.405	2.81E-17	Peripheral	CYTH1
RP11-81H14.2	1.34E-21	0.541143609	0.269	0.087	3.13E-17	Peripheral	RP11-81H14.2
APMAP	1.53E-21	0.740300476	0.707	0.542	3.57E-17	Peripheral	APMAP
MT-ND5	9.50E-21	0.307310321	1	0.99	2.22E-16	Peripheral	MT-ND5
AGTPBP1	1.98E-20	0.61845495	0.328	0.133	4.61E-16	Peripheral	AGTPBP1
PTGDR	2.05E-20	0.699979739	0.519	0.288	4.77E-16	Peripheral	PTGDR
C12orf75	3.09E-20	0.703168887	0.524	0.302	7.22E-16	Peripheral	C12orf75
ARL4C	3.20E-20	0.592160461	0.737	0.535	7.47E-16	Peripheral	ARL4C
OSBPL5	3.51E-20	0.430605146	0.255	0.082	8.18E-16	Peripheral	OSBPL5
C1orf21	7.94E-20	0.535601463	0.457	0.237	1.85E-15	Peripheral	C1orf21
UTRN	8.34E-20	0.646419051	0.806	0.707	1.95E-15	Peripheral	UTRN
CYFIP2	1.41E-19	0.763649203	0.72	0.534	3.29E-15	Peripheral	CYFIP2
PPM1L	1.43E-19	0.503870307	0.255	0.084	3.33E-15	Peripheral	PPM1L
CFL1	2.66E-19	0.271276312	1	0.985	6.22E-15	Peripheral	CFL1
IGFBP7	4.65E-19	0.554936901	0.32	0.13	1.08E-14	Peripheral	IGFBP7
HLA-E	6.03E-19	0.289854524	0.995	0.987	1.41E-14	Peripheral	HLA-E
LITAF	6.33E-19	0.43147816	0.855	0.699	1.48E-14	Peripheral	LITAF
ITGAX	1.39E-18	0.256276878	0.565	0.3	3.23E-14	Peripheral	ITGAX
ABHD17A	2.18E-18	0.400485901	0.438	0.256	5.09E-14	Peripheral	ABHD17A
RAP2B	2.73E-18	0.64896542	0.57	0.365	6.38E-14	Peripheral	RAP2B

MT-ND6	8.85E-18	0.382859787	0.973	0.932	2.07E-13	Peripheral	MT-ND6
PRMT2	1.42E-17	0.607530633	0.702	0.517	3.32E-13	Peripheral	PRMT2
CD47	1.50E-17	0.667143814	0.788	0.683	3.50E-13	Peripheral	CD47
PTGER2	2.91E-17	0.721907047	0.382	0.188	6.79E-13	Peripheral	PTGER2
FUT11	3.45E-17	0.639647149	0.333	0.15	8.05E-13	Peripheral	FUT11
PTPN12	3.61E-17	0.81667437	0.425	0.227	8.42E-13	Peripheral	PTPN12
ADD3	4.98E-17	0.787352724	0.559	0.37	1.16E-12	Peripheral	ADD3
PTP4A2	1.93E-16	0.659871877	0.742	0.603	4.50E-12	Peripheral	PTP4A2
RASGRP2	2.41E-16	0.287027183	0.301	0.129	5.63E-12	Peripheral	RASGRP2
PIP4K2A	5.44E-16	0.443653335	0.941	0.908	1.27E-11	Peripheral	PIP4K2A
DIP2A	5.64E-16	0.6449665	0.581	0.391	1.32E-11	Peripheral	DIP2A
CTBP2	8.24E-16	0.504512412	0.347	0.166	1.92E-11	Peripheral	CTBP2
PAFAH2	1.01E-14	0.538235119	0.277	0.117	2.37E-10	Peripheral	PAFAH2
STK10	1.43E-14	0.6944617	0.567	0.407	3.33E-10	Peripheral	STK10
F2R	1.43E-14	0.468268865	0.374	0.187	3.33E-10	Peripheral	F2R
LPCAT1	3.54E-14	0.536920676	0.331	0.164	8.26E-10	Peripheral	LPCAT1
ARHGDI3	4.68E-14	0.271914475	0.973	0.967	1.09E-09	Peripheral	ARHGDI3
PIK3R5	5.89E-14	0.590983048	0.363	0.193	1.38E-09	Peripheral	PIK3R5
S1PR1	6.04E-14	0.330151353	0.449	0.245	1.41E-09	Peripheral	S1PR1
ATM	7.13E-14	0.489065605	0.694	0.531	1.66E-09	Peripheral	ATM
GNPTAB	8.43E-14	0.668106773	0.651	0.512	1.97E-09	Peripheral	GNPTAB
RASA3	8.53E-14	0.550348398	0.358	0.186	1.99E-09	Peripheral	RASA3
AOAH	2.16E-13	0.571809743	0.702	0.589	5.05E-09	Peripheral	AOAH
ADRB2	2.35E-13	0.524669793	0.296	0.137	5.47E-09	Peripheral	ADRB2
PCED1B-AS1	5.08E-13	0.470266976	0.675	0.519	1.19E-08	Peripheral	PCED1B-AS1
NDUFB2	5.96E-13	0.299639383	0.685	0.532	1.39E-08	Peripheral	NDUFB2
RPL7	1.13E-12	0.292730984	0.938	0.934	2.63E-08	Peripheral	RPL7
USP24	3.10E-12	0.707884985	0.427	0.266	7.23E-08	Peripheral	USP24
PSAP	3.49E-12	0.649264674	0.669	0.56	8.15E-08	Peripheral	PSAP
NCR3	3.60E-12	0.483365131	0.29	0.146	8.41E-08	Peripheral	NCR3
CAST	6.59E-12	0.489716133	0.653	0.512	1.54E-07	Peripheral	CAST

SLC44A2	9.94E-12	0.681949547	0.476	0.323	2.32E-07	Peripheral	SLC44A2
HNRNPH1	1.23E-11	0.286051792	0.978	0.992	2.87E-07	Peripheral	HNRNPH1
LLGL2	1.69E-11	0.590542469	0.339	0.191	3.95E-07	Peripheral	LLGL2
KLF12	1.88E-11	0.623478949	0.441	0.279	4.39E-07	Peripheral	KLF12
ARHGAP26	3.46E-11	0.376159441	0.392	0.232	8.06E-07	Peripheral	ARHGAP26
ARPC4	5.15E-11	0.333218246	0.804	0.723	1.20E-06	Peripheral	ARPC4
PRR5L	6.48E-11	0.410629835	0.266	0.13	1.51E-06	Peripheral	PRR5L
MYO1G	7.13E-11	0.681826177	0.417	0.271	1.66E-06	Peripheral	MYO1G
SYTL1	7.29E-11	0.517864482	0.363	0.214	1.70E-06	Peripheral	SYTL1
FGR	1.17E-10	0.528130235	0.573	0.428	2.72E-06	Peripheral	FGR
CAP1	1.26E-10	0.342931652	0.874	0.799	2.94E-06	Peripheral	CAP1
RP11-485G4.2	1.27E-10	0.493930977	0.253	0.124	2.96E-06	Peripheral	RP11-485G4.2
NDUFB7	1.40E-10	0.304228863	0.554	0.426	3.27E-06	Peripheral	NDUFB7
EMP3	1.82E-10	0.300254475	0.702	0.613	4.24E-06	Peripheral	EMP3
ZNF600	1.83E-10	0.403074707	0.401	0.239	4.27E-06	Peripheral	ZNF600
ZBTB44	1.96E-10	0.518578545	0.258	0.127	4.57E-06	Peripheral	ZBTB44
AXIN1	2.05E-10	0.433960755	0.255	0.133	4.78E-06	Peripheral	AXIN1
TSPAN32	2.31E-10	0.382177244	0.368	0.217	5.40E-06	Peripheral	TSPAN32
TMEM181	3.36E-10	0.348611491	0.277	0.143	7.85E-06	Peripheral	TMEM181
ICAM2	4.93E-10	0.314423472	0.288	0.154	1.15E-05	Peripheral	ICAM2
IGF2R	5.02E-10	0.652855036	0.376	0.238	1.17E-05	Peripheral	IGF2R
ZAP70	5.04E-10	0.434613648	0.715	0.603	1.18E-05	Peripheral	ZAP70
YWHAZ	7.33E-10	0.286593733	0.978	0.95	1.71E-05	Peripheral	YWHAZ
GNG2	7.68E-10	0.341550754	0.672	0.5	1.79E-05	Peripheral	GNG2
PTPRC	8.26E-10	0.252010784	0.992	0.982	1.93E-05	Peripheral	PTPRC
HDDC2	1.71E-09	0.6680508	0.306	0.188	3.98E-05	Peripheral	HDDC2
VAV3	1.83E-09	0.435699126	0.417	0.265	4.26E-05	Peripheral	VAV3
SRPK2	1.84E-09	0.451012237	0.446	0.303	4.29E-05	Peripheral	SRPK2
CCND3	1.84E-09	0.472310386	0.707	0.642	4.30E-05	Peripheral	CCND3
FAM65B	2.58E-09	0.368928619	0.664	0.511	6.01E-05	Peripheral	FAM65B
PCSK7	2.87E-09	0.626836221	0.591	0.472	6.69E-05	Peripheral	PCSK7

H3F3A	3.28E-09	0.299322775	0.815	0.811	7.66E-05	Peripheral	H3F3A
APLP2	4.10E-09	0.494875302	0.371	0.237	9.58E-05	Peripheral	APLP2
SH3KBP1	4.49E-09	0.508278062	0.543	0.415	0.000104702	Peripheral	SH3KBP1
TRAPPC10	5.21E-09	0.398020181	0.497	0.36	0.000121518	Peripheral	TRAPPC10
KLRB1	5.78E-09	0.455588942	0.54	0.397	0.000134767	Peripheral	KLRB1
MLLT6	5.95E-09	0.458418273	0.441	0.311	0.000138745	Peripheral	MLLT6
NFATC2	6.90E-09	0.395218745	0.371	0.229	0.000160928	Peripheral	NFATC2
PTPN4	7.31E-09	0.484277325	0.597	0.458	0.000170463	Peripheral	PTPN4
TPM3	9.04E-09	0.318377024	0.925	0.866	0.000210901	Peripheral	TPM3
PATL2	1.08E-08	0.58312325	0.266	0.146	0.000251301	Peripheral	PATL2
PTPRE	1.42E-08	0.446778879	0.454	0.315	0.000332401	Peripheral	PTPRE
MAST3	1.58E-08	0.503152478	0.325	0.2	0.000369075	Peripheral	MAST3
LAPTM5	1.76E-08	0.346022765	0.831	0.77	0.000411479	Peripheral	LAPTM5
C1orf174	1.96E-08	0.355181051	0.395	0.258	0.000457769	Peripheral	C1orf174
BTN3A1	2.49E-08	0.442358245	0.54	0.416	0.000580461	Peripheral	BTN3A1
DOK2	2.64E-08	0.540873162	0.497	0.402	0.000616665	Peripheral	DOK2
RP11-252A24.7	2.64E-08	0.462278832	0.331	0.204	0.000616782	Peripheral	RP11-252A24.7
AGTRAP	3.04E-08	0.634291027	0.288	0.18	0.00070987	Peripheral	AGTRAP
RUNX3	3.43E-08	0.382524355	0.747	0.728	0.000801449	Peripheral	RUNX3
LCP1	3.71E-08	0.284978828	0.97	0.941	0.000864917	Peripheral	LCP1
SAMHD1	4.01E-08	0.520568802	0.516	0.382	0.000935212	Peripheral	SAMHD1
IQGAP2	4.21E-08	0.38363687	0.645	0.539	0.00098204	Peripheral	IQGAP2
DBI	5.75E-08	0.340504354	0.634	0.548	0.001342736	Peripheral	DBI
MAPK1	7.51E-08	0.51344506	0.559	0.464	0.001753265	Peripheral	MAPK1
DAZAP2	1.19E-07	0.376881716	0.866	0.834	0.002781632	Peripheral	DAZAP2
RBL2	1.45E-07	0.386322288	0.543	0.403	0.003384399	Peripheral	RBL2
GK5	1.94E-07	0.524805476	0.261	0.153	0.004521324	Peripheral	GK5
TNIK	2.02E-07	0.360622709	0.29	0.174	0.004719522	Peripheral	TNIK
RNF166	2.98E-07	0.554596388	0.403	0.309	0.006964345	Peripheral	RNF166
STK38	3.10E-07	0.439919155	0.427	0.3	0.007241911	Peripheral	STK38
CASP8	3.83E-07	0.509628115	0.591	0.519	0.008936254	Peripheral	CASP8

GIMAP7	4.43E-07	0.297814673	0.712	0.6	0.010338311	Peripheral	GIMAP7
SLC9A3R1	4.78E-07	0.42218903	0.667	0.573	0.011162267	Peripheral	SLC9A3R1
EIF4G3	5.85E-07	0.520735133	0.358	0.249	0.0136481	Peripheral	EIF4G3
TMEM2	6.02E-07	0.473634226	0.468	0.352	0.014054929	Peripheral	TMEM2
SH3BP2	6.71E-07	0.280930918	0.323	0.205	0.015653499	Peripheral	SH3BP2
RBM39	6.92E-07	0.334131808	0.919	0.939	0.016143092	Peripheral	RBM39
FAM49B	1.02E-06	0.421076832	0.688	0.639	0.023721572	Peripheral	FAM49B
ERBB2IP	1.04E-06	0.417835371	0.476	0.364	0.024348394	Peripheral	ERBB2IP
HERC1	1.09E-06	0.479948322	0.487	0.378	0.025440222	Peripheral	HERC1
EPB41	1.57E-06	0.341373196	0.457	0.343	0.036706699	Peripheral	EPB41
THEMIS2	1.63E-06	0.361632723	0.358	0.242	0.037998138	Peripheral	THEMIS2
SCP2	1.94E-06	0.532730192	0.489	0.419	0.045164089	Peripheral	SCP2
CAPN2	2.80E-06	0.507112014	0.54	0.453	0.065222362	Peripheral	CAPN2
PLCB2	3.10E-06	0.319234944	0.288	0.182	0.072415513	Peripheral	PLCB2
GPR114	3.20E-06	0.497785686	0.301	0.201	0.07466707	Peripheral	GPR114
ABI3	3.83E-06	0.377257059	0.478	0.387	0.089446016	Peripheral	ABI3
GPATCH8	6.62E-06	0.300254438	0.554	0.439	0.154389977	Peripheral	GPATCH8
GLRX	6.98E-06	0.478225878	0.363	0.28	0.162870132	Peripheral	GLRX
DGKD	6.99E-06	0.413459867	0.266	0.173	0.163169409	Peripheral	DGKD
RORA	9.70E-06	0.375709852	0.465	0.362	0.226380414	Peripheral	RORA
CIRBP	1.07E-05	0.368893648	0.621	0.616	0.249696056	Peripheral	CIRBP
LCK	1.08E-05	0.286261912	0.704	0.618	0.252343919	Peripheral	LCK
RASSF1	1.40E-05	0.435688455	0.422	0.347	0.327239056	Peripheral	RASSF1
RALGAPB	1.44E-05	0.338686929	0.263	0.171	0.336334486	Peripheral	RALGAPB
LYAR	1.49E-05	0.267146625	0.328	0.231	0.347643387	Peripheral	LYAR
ZCCHC17	1.84E-05	0.325399121	0.306	0.214	0.430356246	Peripheral	ZCCHC17
SH2D1B	1.98E-05	0.286508634	0.763	0.686	0.461184654	Peripheral	SH2D1B
SRSF9	2.01E-05	0.367464087	0.632	0.616	0.469695268	Peripheral	SRSF9
ATP2B4	2.33E-05	0.443409904	0.473	0.392	0.543080739	Peripheral	ATP2B4
USP28	2.39E-05	0.446845685	0.312	0.217	0.556693196	Peripheral	USP28
RP11-349A22.5	2.45E-05	0.314289577	0.712	0.635	0.572481635	Peripheral	RP11-349A22.5

GNAI2	2.66E-05	0.412516397	0.594	0.587	0.621240167	Peripheral	GNAI2
DIAPH1	2.71E-05	0.520154672	0.505	0.437	0.633344646	Peripheral	DIAPH1
ZNF91	2.89E-05	0.548431872	0.312	0.22	0.674229901	Peripheral	ZNF91
DOCK11	3.52E-05	0.487482293	0.398	0.314	0.821103042	Peripheral	DOCK11
TGFBR1	3.86E-05	0.517880438	0.304	0.218	0.900003442	Peripheral	TGFBR1
MVD	4.20E-05	0.314917936	0.253	0.169	0.980697555	Peripheral	MVD
ITCH	4.24E-05	0.325052719	0.417	0.332	0.989607488	Peripheral	ITCH
SIGIRR	4.39E-05	0.412775384	0.325	0.24	1	Peripheral	SIGIRR
RPS6KA1	4.44E-05	0.586890562	0.331	0.256	1	Peripheral	RPS6KA1
ABI1	4.51E-05	0.407085917	0.503	0.406	1	Peripheral	ABI1
JAK1	4.82E-05	0.344301679	0.839	0.828	1	Peripheral	JAK1
CDC42SE2	5.21E-05	0.344036917	0.753	0.769	1	Peripheral	CDC42SE2
DSTN	5.25E-05	0.455179313	0.392	0.297	1	Peripheral	DSTN
GTF3C1	5.64E-05	0.472454464	0.293	0.214	1	Peripheral	GTF3C1
GALC	5.81E-05	0.374891298	0.269	0.182	1	Peripheral	GALC
RNF213	7.91E-05	0.362176142	0.868	0.829	1	Peripheral	RNF213
MYH9	7.92E-05	0.353198421	0.648	0.629	1	Peripheral	MYH9
CAPZB	8.92E-05	0.352162671	0.715	0.664	1	Peripheral	CAPZB
YPEL3	0.00013348	0.346415245	0.419	0.339	1	Peripheral	YPEL3
VCPIP1	0.000133577	0.426348492	0.253	0.169	1	Peripheral	VCPIP1
ARPC5L	0.000140078	0.355979819	0.567	0.491	1	Peripheral	ARPC5L
EIF4B	0.00016274	0.357867295	0.575	0.496	1	Peripheral	EIF4B
PNISR	0.00018455	0.316404519	0.675	0.661	1	Peripheral	PNISR
PPP2R2B	0.000205727	0.293915353	0.263	0.183	1	Peripheral	PPP2R2B
NCOA1	0.00024235	0.382825924	0.323	0.238	1	Peripheral	NCOA1
PRKCH	0.000250778	0.298394396	0.723	0.679	1	Peripheral	PRKCH
ZNF276	0.000283824	0.322002753	0.266	0.19	1	Peripheral	ZNF276
XBP1	0.000300855	0.290607415	0.616	0.579	1	Peripheral	XBP1
ANKRD44	0.000301492	0.369663388	0.661	0.593	1	Peripheral	ANKRD44
WASF2	0.000344469	0.368703772	0.495	0.435	1	Peripheral	WASF2
ARHGAP25	0.000422497	0.330336691	0.417	0.335	1	Peripheral	ARHGAP25



NFATC3	0.000506033	0.480529555	0.387	0.325	1	Peripheral	NFATC3
PTPN18	0.000526258	0.43525927	0.347	0.276	1	Peripheral	PTPN18
MBP	0.000529579	0.353377453	0.64	0.61	1	Peripheral	MBP
CELF2	0.000593646	0.315426374	0.796	0.779	1	Peripheral	CELF2
ARNTL	0.000624869	0.503990866	0.317	0.252	1	Peripheral	ARNTL
IKZF1	0.000744678	0.253588399	0.667	0.625	1	Peripheral	IKZF1
PITPNC1	0.000825156	0.411911244	0.392	0.332	1	Peripheral	PITPNC1
SRRM2	0.000844053	0.376526363	0.688	0.703	1	Peripheral	SRRM2
TES	0.000846312	0.386358456	0.567	0.5	1	Peripheral	TES
CHD3	0.000921526	0.304234413	0.263	0.19	1	Peripheral	CHD3
DHRS3	0.001162854	0.269277548	0.392	0.322	1	Peripheral	DHRS3
ZBTB38	0.001165159	0.408123676	0.355	0.289	1	Peripheral	ZBTB38
CCDC88C	0.001212169	0.270351295	0.497	0.432	1	Peripheral	CCDC88C
MDM4	0.00122224	0.257008676	0.704	0.684	1	Peripheral	MDM4
KIAA1109	0.001246702	0.411041732	0.406	0.342	1	Peripheral	KIAA1109
HSP90B1	0.001305948	0.292039594	0.691	0.682	1	Peripheral	HSP90B1
MACF1	0.001456758	0.321078719	0.766	0.763	1	Peripheral	MACF1
KIF13B	0.001475981	0.340470604	0.274	0.205	1	Peripheral	KIF13B
ARL5A	0.001496265	0.456465055	0.36	0.307	1	Peripheral	ARL5A
CBX6	0.001602728	0.253408975	0.395	0.348	1	Peripheral	CBX6
PRPF8	0.001633242	0.434838018	0.368	0.301	1	Peripheral	PRPF8
UCHL5	0.00165868	0.412863814	0.344	0.277	1	Peripheral	UCHL5
MRPL10	0.001746001	0.401145682	0.293	0.23	1	Peripheral	MRPL10
ELMO1	0.001909257	0.432410986	0.317	0.254	1	Peripheral	ELMO1
GTF3A	0.002040063	0.360989499	0.548	0.532	1	Peripheral	GTF3A
ARHGAP1	0.002689207	0.340995671	0.401	0.35	1	Peripheral	ARHGAP1
NLRP1	0.003210337	0.465338911	0.374	0.327	1	Peripheral	NLRP1
TGFBR2	0.00344695	0.320555453	0.304	0.243	1	Peripheral	TGFBR2
PCNT	0.003678346	0.338270774	0.277	0.214	1	Peripheral	PCNT
MGEA5	0.00442343	0.308785981	0.591	0.574	1	Peripheral	MGEA5
ARHGEF3	0.004688455	0.438516421	0.503	0.482	1	Peripheral	ARHGEF3

KCNAB2	0.005022839	0.322250102	0.403	0.361	1	Peripheral	KCNAB2
FOXN3	0.005791509	0.340079325	0.433	0.397	1	Peripheral	FOXN3
LYN	0.005819442	0.334773656	0.347	0.289	1	Peripheral	LYN
DENND4C	0.005980629	0.279804916	0.304	0.24	1	Peripheral	DENND4C
STAT6	0.007140615	0.319744162	0.379	0.332	1	Peripheral	STAT6
TMED2	0.008714374	0.387671592	0.538	0.534	1	Peripheral	TMED2
EIF4EBP2	0.008718726	0.386759151	0.336	0.274	1	Peripheral	EIF4EBP2
NPRL2	0.008854164	0.393034206	0.266	0.215	1	Peripheral	NPRL2
DHX8	0.009127417	0.51614226	0.285	0.237	1	Peripheral	DHX8
TRAF3IP3	0.009178734	0.252989618	0.597	0.545	1	Peripheral	TRAF3IP3
IFIT1	5.61E-46	1.395003154	0.319	0.045	1.31E-41	NK-1	IFIT1
IFIT3	2.10E-39	1.774265055	0.394	0.093	4.90E-35	NK-1	IFIT3
IFI6	8.51E-30	0.980744969	0.664	0.349	1.99E-25	NK-1	IFI6
CD8A	3.78E-29	1.180578882	0.372	0.106	8.82E-25	NK-1	CD8A
CD3D	3.06E-27	0.983150937	0.301	0.073	7.13E-23	NK-1	CD3D
CD3G	3.64E-27	1.129920437	0.31	0.077	8.50E-23	NK-1	CD3G
XAF1	3.78E-27	0.894502718	0.805	0.504	8.82E-23	NK-1	XAF1
OASL	2.59E-26	1.02114226	0.615	0.31	6.03E-22	NK-1	OASL
TRIM22	7.50E-26	0.741692447	0.845	0.556	1.75E-21	NK-1	TRIM22
ISG15	1.11E-24	1.285321074	0.726	0.479	2.58E-20	NK-1	ISG15
OAS1	1.36E-24	0.990707293	0.478	0.195	3.17E-20	NK-1	OAS1
IFIT2	1.96E-23	1.277409933	0.341	0.106	4.57E-19	NK-1	IFIT2
MX1	5.44E-23	1.259066643	0.588	0.315	1.27E-18	NK-1	MX1
PARP9	1.17E-22	0.940244223	0.664	0.382	2.72E-18	NK-1	PARP9
STAT1	1.59E-22	0.967795729	0.721	0.463	3.71E-18	NK-1	STAT1
SAMD9L	9.23E-22	0.799929322	0.668	0.375	2.15E-17	NK-1	SAMD9L
IFI44L	1.19E-21	1.130845903	0.54	0.273	2.78E-17	NK-1	IFI44L
ZBP1	2.58E-21	0.627342246	0.58	0.288	6.01E-17	NK-1	ZBP1
GBP1	5.53E-21	0.858106518	0.496	0.226	1.29E-16	NK-1	GBP1
HLA-B	1.03E-19	0.356139838	0.996	0.991	2.40E-15	NK-1	HLA-B
DDX60	1.57E-19	0.666153011	0.5	0.226	3.67E-15	NK-1	DDX60

LY6E	1.02E-18	0.574679972	0.867	0.722	2.38E-14	NK-1	LY6E
CMPK2	2.16E-18	0.835856282	0.296	0.099	5.05E-14	NK-1	CMPK2
USP18	7.75E-18	0.885482706	0.327	0.121	1.81E-13	NK-1	USP18
MX2	1.12E-17	0.712747317	0.354	0.135	2.62E-13	NK-1	MX2
IFITM1	1.34E-17	0.460534622	0.996	0.965	3.12E-13	NK-1	IFITM1
RSAD2	7.54E-17	0.872458186	0.301	0.11	1.76E-12	NK-1	RSAD2
IFI44	2.07E-16	0.878913389	0.442	0.218	4.82E-12	NK-1	IFI44
ISG20	1.40E-15	0.75915028	0.832	0.672	3.26E-11	NK-1	ISG20
PARP14	2.44E-15	0.891651267	0.735	0.549	5.70E-11	NK-1	PARP14
APOBEC3G	4.71E-15	0.49401147	0.894	0.69	1.10E-10	NK-1	APOBEC3G
IRF7	1.12E-14	0.627088706	0.518	0.29	2.61E-10	NK-1	IRF7
HLA-C	1.98E-14	0.460090785	0.996	0.989	4.61E-10	NK-1	HLA-C
EPSTI1	2.43E-14	0.594150052	0.527	0.301	5.66E-10	NK-1	EPSTI1
PSMB9	2.46E-14	0.408227672	0.898	0.749	5.73E-10	NK-1	PSMB9
SP110	4.77E-14	0.5731939	0.761	0.568	1.11E-09	NK-1	SP110
RNF2131	6.51E-14	0.4975688	0.934	0.823	1.52E-09	NK-1	RNF213
LAG3	1.11E-13	0.546324868	0.354	0.165	2.58E-09	NK-1	LAG3
PLSCR1	1.18E-13	0.613359181	0.558	0.334	2.76E-09	NK-1	PLSCR1
TAP1	1.72E-13	0.581708671	0.735	0.532	4.02E-09	NK-1	TAP1
IFI16	2.12E-13	0.548929057	0.889	0.734	4.94E-09	NK-1	IFI16
OAS3	3.56E-13	0.828234093	0.394	0.199	8.30E-09	NK-1	OAS3
UBE2L6	4.19E-13	0.636055045	0.735	0.553	9.78E-09	NK-1	UBE2L6
DDX60L	4.56E-13	0.554902392	0.416	0.208	1.06E-08	NK-1	DDX60L
TYMP	7.87E-13	0.604916308	0.469	0.266	1.84E-08	NK-1	TYMP
GRAP2	1.74E-12	0.351997726	0.265	0.1	4.06E-08	NK-1	GRAP2
EIF2AK2	4.13E-12	0.598030653	0.593	0.373	9.64E-08	NK-1	EIF2AK2
KIR2DL3	5.16E-12	0.579728289	0.305	0.13	1.20E-07	NK-1	KIR2DL3
STAT2	6.98E-12	0.505718743	0.602	0.39	1.63E-07	NK-1	STAT2
OAS2	8.66E-12	0.709861604	0.398	0.21	2.02E-07	NK-1	OAS2
SAMD9	1.31E-11	0.558273918	0.535	0.321	3.07E-07	NK-1	SAMD9
PARP12	2.06E-11	0.472272142	0.363	0.172	4.80E-07	NK-1	PARP12

TRANK1	3.38E-11	0.429953574	0.478	0.274	7.88E-07	NK-1	TRANK1
ZNFX1	7.68E-11	0.491125356	0.522	0.321	1.79E-06	NK-1	ZNFX1
LYAR1	1.79E-10	0.319817858	0.42	0.226	4.17E-06	NK-1	LYAR
CLEC2D	2.52E-10	0.643702459	0.752	0.627	5.87E-06	NK-1	CLEC2D
HLA-E1	3.30E-10	0.279386397	1	0.987	7.70E-06	NK-1	HLA-E
GBP5	3.62E-10	0.507162634	0.673	0.476	8.44E-06	NK-1	GBP5
SLA2	4.02E-10	0.660123242	0.584	0.412	9.39E-06	NK-1	SLA2
SP140	6.37E-10	0.498207322	0.5	0.305	1.49E-05	NK-1	SP140
DDX58	7.21E-10	0.484631368	0.376	0.203	1.68E-05	NK-1	DDX58
C19orf66	8.28E-10	0.377836078	0.473	0.289	1.93E-05	NK-1	C19orf66
MIAT	1.12E-09	0.591093499	0.438	0.259	2.62E-05	NK-1	MIAT
NLRC5	1.60E-09	0.371136766	0.69	0.502	3.73E-05	NK-1	NLRC5
PYHIN11	3.05E-09	0.333451417	0.743	0.546	7.12E-05	NK-1	PYHIN1
NMI	3.16E-09	0.520491344	0.42	0.255	7.37E-05	NK-1	NMI
HERC5	3.70E-09	0.479321839	0.279	0.135	8.64E-05	NK-1	HERC5
CCL4	4.91E-09	0.440787984	0.845	0.675	0.000114634	NK-1	CCL4
GZMH1	5.54E-09	0.478833567	0.774	0.634	0.000129219	NK-1	GZMH
SYNE21	7.49E-09	0.342103584	0.814	0.624	0.000174881	NK-1	SYNE2
SHISA5	9.02E-09	0.468070277	0.655	0.48	0.000210541	NK-1	SHISA5
GIMAP4	9.92E-09	0.441758039	0.677	0.518	0.000231359	NK-1	GIMAP4
ALOX5AP	1.19E-08	0.391076296	0.735	0.566	0.000276952	NK-1	ALOX5AP
KIR2DS4	2.18E-08	0.382671613	0.283	0.137	0.000509182	NK-1	KIR2DS4
C5orf56	2.64E-08	0.269369756	0.615	0.416	0.000616995	NK-1	C5orf56
RABAC1	5.68E-08	0.304237149	0.58	0.422	0.001326354	NK-1	RABAC1
RARRES3	6.31E-08	0.393649846	0.721	0.567	0.001473093	NK-1	RARRES3
GIMAP5	8.02E-08	0.494864261	0.575	0.411	0.001872437	NK-1	GIMAP5
ADAR	9.72E-08	0.526049533	0.735	0.616	0.002269106	NK-1	ADAR
TRAC	9.84E-08	0.784611344	0.447	0.307	0.0022951	NK-1	TRAC
HLA-DPB1	1.09E-07	0.309850947	0.664	0.506	0.002541863	NK-1	HLA-DPB1
SLFN5	1.19E-07	0.284724801	0.792	0.624	0.002775406	NK-1	SLFN5
SLAMF6	1.24E-07	0.332420912	0.376	0.218	0.002890598	NK-1	SLAMF6

HLA-DPA1	1.92E-07	0.346706874	0.615	0.455	0.004491424	NK-1	HLA-DPA1
IFIH1	2.62E-07	0.447317755	0.252	0.128	0.006121628	NK-1	IFIH1
PHF11	4.28E-07	0.258944942	0.558	0.387	0.009994273	NK-1	PHF11
CST71	4.64E-07	0.272129703	0.876	0.76	0.010824231	NK-1	CST7
JUN	5.06E-07	0.395543663	0.588	0.441	0.011807449	NK-1	JUN
AOAH1	5.12E-07	0.321154746	0.752	0.592	0.011948826	NK-1	AOAH
IFI35	6.30E-07	0.434119719	0.442	0.296	0.014709634	NK-1	IFI35
TRIM38	8.16E-07	0.397238377	0.504	0.336	0.019047654	NK-1	TRIM38
N4BP1	8.88E-07	0.430628918	0.336	0.196	0.020708468	NK-1	N4BP1
SP100	9.80E-07	0.369433244	0.881	0.801	0.022870034	NK-1	SP100
LAP3	9.82E-07	0.433279092	0.456	0.305	0.022905703	NK-1	LAP3
CD96	1.07E-06	0.273202679	0.801	0.694	0.024940976	NK-1	CD96
PPM1K	1.24E-06	0.466238616	0.403	0.27	0.028998654	NK-1	PPM1K
FAS	1.48E-06	0.298611153	0.257	0.135	0.034625906	NK-1	FAS
DTX3L	1.50E-06	0.434391078	0.42	0.277	0.035061522	NK-1	DTX3L
GCHFR	1.83E-06	0.387108828	0.288	0.163	0.042805251	NK-1	GCHFR
F2R1	1.95E-06	0.498849431	0.345	0.21	0.045547706	NK-1	F2R
RP11-347P5.1	2.56E-06	0.266006646	0.504	0.353	0.059714436	NK-1	RP11-347P5.1
BTN3A2	2.61E-06	0.358788342	0.673	0.559	0.061014828	NK-1	BTN3A2
HERC6	2.81E-06	0.438807377	0.261	0.145	0.065470413	NK-1	HERC6
APOBEC3C	3.20E-06	0.250135775	0.881	0.806	0.074620412	NK-1	APOBEC3C
RP11-94L15.2	3.60E-06	0.397144238	0.615	0.465	0.084064191	NK-1	RP11-94L15.2
APOL6	3.84E-06	0.329065153	0.558	0.406	0.089574562	NK-1	APOL6
MYD88	4.87E-06	0.516919885	0.42	0.29	0.113688706	NK-1	MYD88
KLRC2	5.13E-06	0.345879093	0.646	0.526	0.119669117	NK-1	KLRC2
IKZF3	5.78E-06	0.41656597	0.566	0.426	0.134856774	NK-1	IKZF3
SLFN12L	5.98E-06	0.391099004	0.544	0.419	0.139589557	NK-1	SLFN12L
VMP1	6.62E-06	0.381866584	0.602	0.471	0.154351706	NK-1	VMP1
GBP2	7.00E-06	0.323666422	0.628	0.478	0.163364287	NK-1	GBP2
DECR1	8.22E-06	0.283016593	0.447	0.31	0.191880385	NK-1	DECR1
CHST12	8.38E-06	0.315085533	0.584	0.469	0.195543078	NK-1	CHST12

ANXA1	1.02E-05	0.288125167	0.739	0.589	0.23724703	NK-1	ANXA1
CXCR3	1.28E-05	0.485047724	0.363	0.244	0.298702623	NK-1	CXCR3
LEPROTL1	1.38E-05	0.296033176	0.58	0.421	0.322360432	NK-1	LEPROTL1
CAPN21	1.53E-05	0.307015598	0.597	0.453	0.355963059	NK-1	CAPN2
GZMB	1.67E-05	0.29148938	0.96	0.877	0.389850674	NK-1	GZMB
XRN1	2.05E-05	0.405895009	0.65	0.525	0.478525508	NK-1	XRN1
THEMIS21	2.56E-05	0.419367506	0.372	0.251	0.596929996	NK-1	THEMIS2
EOMES	2.84E-05	0.448439247	0.442	0.31	0.662395407	NK-1	EOMES
FASLG	2.90E-05	0.455900107	0.429	0.304	0.677423531	NK-1	FASLG
IFITM2	3.22E-05	0.260542945	0.969	0.95	0.752226521	NK-1	IFITM2
IRF1	3.51E-05	0.445516822	0.712	0.652	0.8192603	NK-1	IRF1
ADRB21	3.57E-05	0.387582672	0.265	0.158	0.832466787	NK-1	ADRB2
TBCD	3.80E-05	0.438180888	0.46	0.345	0.887408755	NK-1	TBCD
SELPLG	4.33E-05	0.392635717	0.836	0.741	1	NK-1	SELPLG
PRPF38B	4.34E-05	0.328442383	0.668	0.551	1	NK-1	PRPF38B
LCK1	6.42E-05	0.34566191	0.717	0.625	1	NK-1	LCK
SLAMF7	7.62E-05	0.405262975	0.628	0.508	1	NK-1	SLAMF7
BST2	8.31E-05	0.383039185	0.619	0.55	1	NK-1	BST2
C14orf159	8.32E-05	0.26580391	0.358	0.246	1	NK-1	C14orf159
PSTPIP1	8.34E-05	0.300032868	0.385	0.269	1	NK-1	PSTPIP1
GBP3	9.41E-05	0.327297374	0.292	0.183	1	NK-1	GBP3
PATL21	9.86E-05	0.386135907	0.261	0.159	1	NK-1	PATL2
NEAT1	0.000122951	0.271109859	0.867	0.756	1	NK-1	NEAT1
NT5C3A	0.000127868	0.382130654	0.429	0.313	1	NK-1	NT5C3A
CD3E	0.000132761	0.374340725	0.478	0.373	1	NK-1	CD3E
RP11-75L1.2	0.000146658	0.368588399	0.518	0.421	1	NK-1	RP11-75L1.2
IRF3	0.00015406	0.282816786	0.319	0.209	1	NK-1	IRF3
MOV10	0.000177047	0.360431483	0.283	0.187	1	NK-1	MOV10
ZNF683	0.000197089	0.470227425	0.305	0.21	1	NK-1	ZNF683
PNPT1	0.000198458	0.497327551	0.283	0.191	1	NK-1	PNPT1
GBP4	0.000244933	0.256785385	0.46	0.342	1	NK-1	GBP4

ZYX	0.000275623	0.281911658	0.478	0.377	1	NK-1	ZYX
ZNF24	0.000295895	0.333695105	0.354	0.258	1	NK-1	ZNF24
GGA2	0.000343771	0.385967261	0.301	0.202	1	NK-1	GGA2
ADPGK	0.000351614	0.339525384	0.35	0.248	1	NK-1	ADPGK
IDH2	0.000374719	0.303499964	0.553	0.44	1	NK-1	IDH2
ITGB1	0.000383235	0.310485548	0.708	0.617	1	NK-1	ITGB1
TIGIT	0.000411556	0.371944995	0.358	0.253	1	NK-1	TIGIT
DOCK8	0.000649166	0.281144952	0.695	0.596	1	NK-1	DOCK8
FAM129A	0.000664141	0.389995469	0.447	0.347	1	NK-1	FAM129A
TTC39C	0.000758638	0.260664713	0.5	0.384	1	NK-1	TTC39C
PAG1	0.000977006	0.31080764	0.301	0.209	1	NK-1	PAG1
EVL	0.000979164	0.320317259	0.704	0.636	1	NK-1	EVL
ARRDC3	0.001061602	0.33900973	0.518	0.404	1	NK-1	ARRDC3
ANXA5	0.001286177	0.35629385	0.416	0.323	1	NK-1	ANXA5
GVINP1	0.001303696	0.339585336	0.465	0.37	1	NK-1	GVINP1
RBCK1	0.001649099	0.262647011	0.403	0.302	1	NK-1	RBCK1
LCP2	0.001744053	0.273107534	0.646	0.567	1	NK-1	LCP2
GABARAPL1	0.001825435	0.354388821	0.381	0.293	1	NK-1	GABARAPL1
PIM1	0.001961026	0.297842315	0.544	0.47	1	NK-1	PIM1
TRIM21	0.001962149	0.359926191	0.257	0.182	1	NK-1	TRIM21
TNFSF10	0.002156034	0.389521544	0.438	0.334	1	NK-1	TNFSF10
SMCHD1	0.003144367	0.27552537	0.637	0.55	1	NK-1	SMCHD1
UBA7	0.003314815	0.321137012	0.319	0.242	1	NK-1	UBA7
UFL1	0.003886259	0.310317415	0.292	0.21	1	NK-1	UFL1
TRGC2	0.005689484	0.412371463	0.403	0.344	1	NK-1	TRGC2
MYBL11	0.006167651	0.261672127	0.257	0.178	1	NK-1	MYBL1
CASP1	0.00712218	0.258793052	0.434	0.351	1	NK-1	CASP1
KRAS	0.008668118	0.253392357	0.385	0.319	1	NK-1	KRAS
LMNA	6.68E-103	1.831167135	0.653	0.088	1.56E-98	NK-2	LMNA
NR4A2	1.19E-91	2.039639425	0.866	0.261	2.78E-87	NK-2	NR4A2
NR4A3	2.25E-90	0.874104539	0.51	0.049	5.25E-86	NK-2	NR4A3

CSRNP1	7.74E-90	1.007352863	0.782	0.172	1.81E-85	NK-2	CSRNP1
RGCC	9.66E-89	2.019341358	0.723	0.161	2.25E-84	NK-2	RGCC
KDM6B	2.41E-83	0.558167336	0.614	0.097	5.62E-79	NK-2	KDM6B
BIRC3	3.21E-77	1.983593307	0.881	0.339	7.50E-73	NK-2	BIRC3
TNFAIP3	7.80E-77	1.550327232	0.99	0.592	1.82E-72	NK-2	TNFAIP3
ZNF331	1.00E-74	2.019109277	0.733	0.197	2.34E-70	NK-2	ZNF331
NR4A1	1.85E-72	0.735713621	0.619	0.117	4.31E-68	NK-2	NR4A1
REL	1.58E-66	1.844226846	0.866	0.386	3.69E-62	NK-2	REL
ZFP36	1.80E-63	1.44396687	0.975	0.685	4.21E-59	NK-2	ZFP36
XIST	4.24E-61	0.64155409	0.436	0.058	9.89E-57	NK-2	XIST
RASGEF1B	3.51E-59	1.147613626	0.752	0.241	8.20E-55	NK-2	RASGEF1B
NFKBIA	1.59E-56	1.240560961	0.975	0.741	3.70E-52	NK-2	NFKBIA
DUSP2	1.93E-55	1.258056806	0.901	0.445	4.51E-51	NK-2	DUSP2
JUND	4.75E-53	0.319073744	0.782	0.292	1.11E-48	NK-2	JUND
YPEL5	1.32E-52	1.490735812	0.866	0.428	3.09E-48	NK-2	YPEL5
CXCR4	3.30E-52	1.362985899	0.946	0.619	7.70E-48	NK-2	CXCR4
NFKBIZ	9.44E-51	1.385563503	0.718	0.257	2.20E-46	NK-2	NFKBIZ
NFE2L2	5.99E-49	1.396095686	0.782	0.323	1.40E-44	NK-2	NFE2L2
JUNB	1.82E-48	1.007790658	0.931	0.546	4.25E-44	NK-2	JUNB
DUSP4	4.85E-48	1.270487484	0.569	0.165	1.13E-43	NK-2	DUSP4
MIR24-2	5.03E-48	0.732333619	0.564	0.143	1.17E-43	NK-2	MIR24-2
CREM	6.74E-48	1.513998393	0.728	0.302	1.57E-43	NK-2	CREM
SKIL	2.72E-47	1.049704402	0.881	0.452	6.35E-43	NK-2	SKIL
DNAJA1	2.82E-47	1.278514193	0.842	0.44	6.57E-43	NK-2	DNAJA1
MT-RNR2	5.60E-46	0.592068403	1	1	1.31E-41	NK-2	MT-RNR2
ZC3H12A	7.86E-46	0.808671177	0.634	0.194	1.83E-41	NK-2	ZC3H12A
PIM3	8.04E-46	0.768957861	0.48	0.113	1.87E-41	NK-2	PIM3
MCL1	9.75E-44	1.2661314	0.856	0.453	2.28E-39	NK-2	MCL1
ELL2	1.66E-43	0.702292433	0.545	0.145	3.86E-39	NK-2	ELL2
JMJD6	3.76E-43	0.99014045	0.624	0.207	8.77E-39	NK-2	JMJD6
BCL3	5.08E-43	0.270289316	0.53	0.137	1.19E-38	NK-2	BCL3



MT-RNR1	3.43E-42	0.984380881	1	0.991	7.99E-38	NK-2	MT-RNR1
RGS1	2.66E-41	1.35415256	0.842	0.463	6.20E-37	NK-2	RGS1
FAM46C	4.39E-41	0.999247491	0.574	0.179	1.02E-36	NK-2	FAM46C
FOSL2	8.76E-40	1.109965801	0.762	0.362	2.04E-35	NK-2	FOSL2
MYADM	2.27E-39	0.614749182	0.52	0.147	5.29E-35	NK-2	MYADM
MAFF	6.04E-39	1.082364215	0.559	0.192	1.41E-34	NK-2	MAFF
NFKB1	1.29E-38	0.900374265	0.688	0.272	3.01E-34	NK-2	NFKB1
SLC7A5	3.38E-38	0.856559528	0.604	0.217	7.90E-34	NK-2	SLC7A5
HLA-DRB5	6.17E-38	0.611538213	0.609	0.194	1.44E-33	NK-2	HLA-DRB5
BCL6	3.42E-37	0.701667865	0.564	0.174	7.99E-33	NK-2	BCL6
VPS37B	4.54E-36	0.459306338	0.574	0.186	1.06E-31	NK-2	VPS37B
NFKBID	1.35E-35	0.948969865	0.446	0.116	3.14E-31	NK-2	NFKBID
BTG1	3.40E-35	0.880276124	0.98	0.866	7.94E-31	NK-2	BTG1
DUSP10	8.84E-35	1.11699443	0.673	0.305	2.06E-30	NK-2	DUSP10
BRD2	3.02E-34	0.78041733	0.842	0.467	7.04E-30	NK-2	BRD2
VIM	1.48E-33	1.16981255	0.886	0.575	3.46E-29	NK-2	VIM
TSC22D3	5.70E-33	0.901270085	0.97	0.834	1.33E-28	NK-2	TSC22D3
IFRD1	8.33E-33	1.129610329	0.629	0.267	1.94E-28	NK-2	IFRD1
CRTAM	9.97E-32	1.647184487	0.525	0.184	2.33E-27	NK-2	CRTAM
DDX3X	1.41E-31	1.087289745	0.851	0.55	3.28E-27	NK-2	DDX3X
CDKN1A	2.23E-31	0.680611988	0.406	0.111	5.21E-27	NK-2	CDKN1A
BTG2	6.30E-31	1.264823315	0.584	0.236	1.47E-26	NK-2	BTG2
UBE2S	3.14E-29	0.393892616	0.52	0.184	7.32E-25	NK-2	UBE2S
PFKFB3	3.19E-28	0.499460108	0.505	0.179	7.45E-24	NK-2	PFKFB3
IER5	4.14E-28	0.363826675	0.436	0.13	9.65E-24	NK-2	IER5
RALGAPA1	4.52E-28	0.582591817	0.678	0.281	1.06E-23	NK-2	RALGAPA1
NEAT11	7.48E-28	0.924728434	0.95	0.746	1.75E-23	NK-2	NEAT1
DENND4A	9.47E-28	0.831502001	0.589	0.25	2.21E-23	NK-2	DENND4A
ZFAND5	1.55E-27	1.027546409	0.658	0.319	3.63E-23	NK-2	ZFAND5
SERTAD1	3.55E-27	0.54843194	0.406	0.119	8.29E-23	NK-2	SERTAD1
RNF19A	3.62E-27	0.928677565	0.787	0.463	8.44E-23	NK-2	RNF19A

CD83	8.28E-27	1.501301638	0.376	0.109	1.93E-22	NK-2	CD83
SLC38A2	1.16E-26	0.614688016	0.871	0.571	2.72E-22	NK-2	SLC38A2
SAMSN1	6.47E-26	0.918493496	0.777	0.465	1.51E-21	NK-2	SAMSN1
TRAF1	1.79E-25	0.902568981	0.554	0.255	4.17E-21	NK-2	TRAF1
BHLHE40	9.43E-25	0.817304885	0.792	0.475	2.20E-20	NK-2	BHLHE40
HSPA8	9.47E-25	0.716404448	0.955	0.769	2.21E-20	NK-2	HSPA8
SIK1	7.62E-24	0.391696762	0.312	0.08	1.78E-19	NK-2	SIK1
TGIF2	9.05E-24	0.431723015	0.366	0.106	2.11E-19	NK-2	TGIF2
B3GNT7	1.44E-23	0.675761277	0.703	0.367	3.36E-19	NK-2	B3GNT7
PTGER4	1.50E-23	0.93805133	0.609	0.309	3.50E-19	NK-2	PTGER4
PPP1R15A	1.65E-23	0.644894706	0.757	0.422	3.84E-19	NK-2	PPP1R15A
PHLDA1	1.67E-23	0.698761165	0.416	0.143	3.90E-19	NK-2	PHLDA1
RHOH	3.78E-23	0.798018194	0.777	0.454	8.82E-19	NK-2	RHOH
PTP4A1	7.54E-23	0.969876931	0.639	0.336	1.76E-18	NK-2	PTP4A1
PMAIP1	2.60E-22	0.816968722	0.515	0.223	6.06E-18	NK-2	PMAIP1
HSP90AB1	6.38E-22	0.803432731	0.896	0.706	1.49E-17	NK-2	HSP90AB1
FAM53C	7.20E-22	0.766050975	0.322	0.093	1.68E-17	NK-2	FAM53C
TSC22D2	1.59E-21	0.32276223	0.401	0.135	3.72E-17	NK-2	TSC22D2
ZFP36L2	1.63E-21	0.765119107	0.926	0.771	3.81E-17	NK-2	ZFP36L2
PDE4B	7.27E-21	0.859349149	0.53	0.24	1.70E-16	NK-2	PDE4B
TOB2	7.73E-21	0.343911631	0.416	0.151	1.80E-16	NK-2	TOB2
HSP90AA1	1.24E-20	0.533503498	0.98	0.86	2.89E-16	NK-2	HSP90AA1
SRSF2	2.15E-20	0.871432238	0.792	0.558	5.02E-16	NK-2	SRSF2
DUSP1	2.24E-20	0.683830821	0.856	0.604	5.22E-16	NK-2	DUSP1
EZR	8.10E-20	0.717106164	0.901	0.685	1.89E-15	NK-2	EZR
EIF1	3.95E-19	0.510234187	0.985	0.924	9.22E-15	NK-2	EIF1
TGIF1	1.09E-18	0.705398873	0.312	0.099	2.54E-14	NK-2	TGIF1
LDLRAD4	1.20E-18	1.107399032	0.579	0.334	2.80E-14	NK-2	LDLRAD4
RP11-16E23.4	1.25E-18	0.857404706	0.411	0.164	2.91E-14	NK-2	RP11-16E23.4
ZBTB1	1.35E-18	0.918764774	0.5	0.24	3.14E-14	NK-2	ZBTB1
ARID5B	1.87E-18	0.722754608	0.554	0.274	4.36E-14	NK-2	ARID5B

MKLN1-AS1	4.27E-18	0.490104476	0.569	0.294	9.96E-14	NK-2	MKLN1-AS1
CD69	5.50E-18	0.973445366	0.931	0.799	1.28E-13	NK-2	CD69
RANBP2	6.70E-18	0.912444932	0.683	0.439	1.56E-13	NK-2	RANBP2
ATP1B3	7.69E-18	0.885818049	0.594	0.321	1.79E-13	NK-2	ATP1B3
PNRC1	8.33E-18	0.683471786	0.822	0.648	1.94E-13	NK-2	PNRC1
CTB-119C2.1	1.34E-17	0.577694446	0.262	0.076	3.14E-13	NK-2	CTB-119C2.1
UBC	1.42E-17	0.448908163	0.985	0.947	3.32E-13	NK-2	UBC
CKS2	2.26E-17	0.453657226	0.455	0.203	5.28E-13	NK-2	CKS2
NINJ1	2.97E-17	0.728364152	0.406	0.171	6.94E-13	NK-2	NINJ1
NAMPT	1.14E-16	0.934503785	0.47	0.228	2.66E-12	NK-2	NAMPT
DNAJB1	3.18E-16	0.395114364	0.738	0.463	7.42E-12	NK-2	DNAJB1
ANKRD28	3.59E-16	0.656540601	0.441	0.2	8.38E-12	NK-2	ANKRD28
PRMT10	8.02E-16	0.849973177	0.337	0.132	1.87E-11	NK-2	PRMT10
PPP1R15B	8.83E-16	0.530213194	0.386	0.152	2.06E-11	NK-2	PPP1R15B
SERPINB9	1.06E-15	1.034923126	0.812	0.624	2.48E-11	NK-2	SERPINB9
DNAJB9	1.66E-15	0.878973838	0.307	0.113	3.87E-11	NK-2	DNAJB9
FAM177A1	1.93E-15	0.822367853	0.584	0.37	4.51E-11	NK-2	FAM177A1
STX11	2.30E-15	0.551292262	0.327	0.124	5.36E-11	NK-2	STX11
HBP1	2.77E-15	0.746666932	0.475	0.236	6.47E-11	NK-2	HBP1
CD55	3.50E-15	0.769045395	0.733	0.495	8.16E-11	NK-2	CD55
ICAM1	4.22E-15	0.706984685	0.361	0.148	9.85E-11	NK-2	ICAM1
SNHG16	4.33E-15	0.5457444	0.282	0.099	1.01E-10	NK-2	SNHG16
ARIH1	5.66E-15	0.673315997	0.386	0.167	1.32E-10	NK-2	ARIH1
TANK	6.13E-15	0.788034808	0.644	0.406	1.43E-10	NK-2	TANK
FOSB	7.17E-15	0.363248534	0.515	0.248	1.67E-10	NK-2	FOSB
EIF5	8.49E-15	0.667465723	0.787	0.621	1.98E-10	NK-2	EIF5
CD44	1.02E-14	0.554442527	0.911	0.774	2.39E-10	NK-2	CD44
TMEM66	1.38E-14	0.489172765	0.926	0.814	3.22E-10	NK-2	TMEM66
CD97	1.54E-14	0.441618739	0.911	0.712	3.59E-10	NK-2	CD97
RGS2	1.89E-14	0.874949265	0.48	0.254	4.41E-10	NK-2	RGS2
CNOT2	2.24E-14	0.482053363	0.743	0.465	5.24E-10	NK-2	CNOT2

AHI1	4.18E-14	0.578607597	0.455	0.23	9.75E-10	NK-2	AHI1
TSPYL2	4.54E-14	0.533154194	0.302	0.113	1.06E-09	NK-2	TSPYL2
MXD1	5.14E-14	0.342563337	0.436	0.203	1.20E-09	NK-2	MXD1
ERO1LB	5.38E-14	0.279576888	0.307	0.113	1.26E-09	NK-2	ERO1LB
AGO2	7.57E-14	0.279057673	0.401	0.173	1.77E-09	NK-2	AGO2
TNFRSF9	1.06E-13	0.646656805	0.272	0.097	2.46E-09	NK-2	TNFRSF9
PDE4D	1.32E-13	0.693679757	0.495	0.272	3.08E-09	NK-2	PDE4D
OASL1	1.50E-13	0.548584034	0.569	0.321	3.49E-09	NK-2	OASL
TIPARP	1.69E-13	0.618126018	0.441	0.214	3.95E-09	NK-2	TIPARP
RNF139	2.15E-13	0.912625341	0.356	0.157	5.02E-09	NK-2	RNF139
SLC2A3	2.82E-13	0.697568309	0.837	0.602	6.59E-09	NK-2	SLC2A3
INSIG1	3.18E-13	0.698805177	0.361	0.159	7.41E-09	NK-2	INSIG1
ZEB21	3.67E-13	0.500054623	0.604	0.346	8.56E-09	NK-2	ZEB2
SFPQ	4.52E-13	0.501100239	0.678	0.448	1.06E-08	NK-2	SFPQ
STAT4	5.71E-13	0.342294676	0.921	0.727	1.33E-08	NK-2	STAT4
SDCBP	6.08E-13	0.81002055	0.639	0.436	1.42E-08	NK-2	SDCBP
AIM1	7.45E-13	0.532406544	0.485	0.259	1.74E-08	NK-2	AIM1
IL21R	9.12E-13	0.301865912	0.332	0.137	2.13E-08	NK-2	IL21R
TUBA4A	1.00E-12	0.75697858	0.629	0.399	2.34E-08	NK-2	TUBA4A
FYN	1.01E-12	0.433057926	0.906	0.801	2.35E-08	NK-2	FYN
SYAP1	1.14E-12	0.581998567	0.599	0.382	2.65E-08	NK-2	SYAP1
PRKX	1.43E-12	0.678870683	0.545	0.323	3.34E-08	NK-2	PRKX
PPP1R10	1.51E-12	0.421257478	0.381	0.184	3.52E-08	NK-2	PPP1R10
ATF4	1.52E-12	0.382202017	0.564	0.323	3.56E-08	NK-2	ATF4
INTS6	1.66E-12	0.435514572	0.391	0.184	3.88E-08	NK-2	INTS6
LDHA	1.93E-12	0.46364825	0.926	0.781	4.50E-08	NK-2	LDHA
CLEC2B	1.95E-12	0.585578254	0.777	0.637	4.54E-08	NK-2	CLEC2B
CHD1	2.92E-12	0.639355477	0.693	0.482	6.81E-08	NK-2	CHD1
TMEM21	3.90E-12	0.648262134	0.574	0.351	9.10E-08	NK-2	TMEM2
RP11-356I2.4	4.13E-12	0.357967567	0.51	0.266	9.63E-08	NK-2	RP11-356I2.4
SQSTM1	5.20E-12	0.444419244	0.738	0.496	1.21E-07	NK-2	SQSTM1

TUBB4B	5.85E-12	0.387694405	0.381	0.175	1.37E-07	NK-2	TUBB4B
MAP3K8	1.20E-11	0.720803488	0.673	0.48	2.81E-07	NK-2	MAP3K8
GPR65	1.53E-11	0.552424262	0.579	0.375	3.58E-07	NK-2	GPR65
WHAMM	2.27E-11	0.349970239	0.351	0.162	5.31E-07	NK-2	WHAMM
ETF1	3.12E-11	0.617049976	0.475	0.271	7.28E-07	NK-2	ETF1
IRF4	3.21E-11	0.708991767	0.342	0.165	7.49E-07	NK-2	IRF4
AUTS2	3.30E-11	0.270719329	0.386	0.19	7.71E-07	NK-2	AUTS2
DNAJB6	3.45E-11	0.571971868	0.728	0.542	8.06E-07	NK-2	DNAJB6
CLK1	4.11E-11	0.690300264	0.787	0.605	9.59E-07	NK-2	CLK1
HSPH1	5.69E-11	0.690498028	0.5	0.3	1.33E-06	NK-2	HSPH1
B3GNT2	7.84E-11	0.699075123	0.441	0.255	1.83E-06	NK-2	B3GNT2
PPP1R16B	8.10E-11	0.467654144	0.495	0.28	1.89E-06	NK-2	PPP1R16B
GPBP1	9.73E-11	0.462235929	0.728	0.567	2.27E-06	NK-2	GPBP1
JOSD1	1.10E-10	0.457943378	0.302	0.132	2.56E-06	NK-2	JOSD1
ITPRIP	2.29E-10	0.514594389	0.327	0.154	5.35E-06	NK-2	ITPRIP
KMT2E	2.71E-10	0.470796624	0.931	0.842	6.33E-06	NK-2	KMT2E
SLC15A4	3.37E-10	0.542175307	0.342	0.165	7.87E-06	NK-2	SLC15A4
HLA-DQA1	5.36E-10	0.440377624	0.262	0.111	1.25E-05	NK-2	HLA-DQA1
H3F3B	6.19E-10	0.267314106	1	0.993	1.45E-05	NK-2	H3F3B
YWHAZ1	6.66E-10	0.372763054	0.995	0.951	1.55E-05	NK-2	YWHAZ
GABARAPL1	6.94E-10	0.458157036	0.485	0.28	1.62E-05	NK-2	GABARAPL1
DDIT3	1.00E-09	0.354541864	0.426	0.234	2.34E-05	NK-2	DDIT3
BAZ1A	1.03E-09	0.647375897	0.525	0.341	2.41E-05	NK-2	BAZ1A
KLF6	1.06E-09	0.392916789	0.866	0.724	2.47E-05	NK-2	KLF6
PDE7A	1.12E-09	0.469234594	0.475	0.279	2.62E-05	NK-2	PDE7A
SAT1	1.16E-09	0.665168202	0.752	0.583	2.70E-05	NK-2	SAT1
RP11-345J4.8	1.82E-09	0.316719632	0.436	0.257	4.26E-05	NK-2	RP11-345J4.8
GADD45B	2.24E-09	0.6013517	0.55	0.379	5.24E-05	NK-2	GADD45B
AKIRIN1	2.25E-09	0.671089869	0.411	0.241	5.24E-05	NK-2	AKIRIN1
PABPC1	2.80E-09	0.441057763	0.916	0.859	6.54E-05	NK-2	PABPC1
CHMP1B	4.07E-09	0.441679697	0.436	0.261	9.50E-05	NK-2	CHMP1B

CCL41	4.56E-09	0.755288179	0.837	0.679	0.000106367	NK-2	CCL4
IER2	5.62E-09	0.301386907	0.807	0.598	0.00013104	NK-2	IER2
DCTN6	6.30E-09	0.282189372	0.332	0.163	0.00014707	NK-2	DCTN6
CYTIP	6.73E-09	0.381713003	0.817	0.666	0.000156943	NK-2	CYTIP
EIF4A3	7.50E-09	0.682027359	0.48	0.314	0.000174979	NK-2	EIF4A3
JMY	8.32E-09	0.258474407	0.262	0.115	0.000194064	NK-2	JMY
RAB21	1.09E-08	0.335175228	0.386	0.22	0.000253912	NK-2	RAB21
PELI1	1.59E-08	0.441209248	0.347	0.189	0.000370444	NK-2	PELI1
RP11-325F22.2	1.65E-08	0.28836075	0.292	0.138	0.000385592	NK-2	RP11-325F22.2
HLA-DRB1	1.86E-08	0.543191494	0.703	0.536	0.000433716	NK-2	HLA-DRB1
TNFRSF1B	3.24E-08	0.391146657	0.649	0.448	0.000757095	NK-2	TNFRSF1B
AC017104.6	3.67E-08	0.316464382	0.292	0.146	0.000856973	NK-2	AC017104.6
NXT1	4.43E-08	0.359902002	0.351	0.191	0.001034218	NK-2	NXT1
LRMP	4.67E-08	0.43917391	0.485	0.309	0.001088821	NK-2	LRMP
MAP2K3	4.83E-08	0.316234699	0.49	0.307	0.001127482	NK-2	MAP2K3
HSPA5	5.22E-08	0.372534927	0.782	0.645	0.001219149	NK-2	HSPA5
PIK3R1	5.23E-08	0.567657752	0.658	0.5	0.001219495	NK-2	PIK3R1
NCL	5.74E-08	0.314907463	0.891	0.801	0.001340142	NK-2	NCL
UBAP1	7.81E-08	0.427963849	0.322	0.169	0.00182344	NK-2	UBAP1
TAGLN2	9.15E-08	0.383280643	0.832	0.68	0.002134047	NK-2	TAGLN2
UAP1	1.02E-07	0.737624579	0.292	0.157	0.002375217	NK-2	UAP1
GTF2B	1.06E-07	0.472948549	0.361	0.206	0.002483526	NK-2	GTF2B
STK17A	1.45E-07	0.480671193	0.782	0.677	0.003374969	NK-2	STK17A
GAS5	1.49E-07	0.465047712	0.53	0.351	0.003486983	NK-2	GAS5
RC3H1	1.63E-07	0.395117904	0.658	0.516	0.003794358	NK-2	RC3H1
KPNA2	1.69E-07	0.464267637	0.307	0.161	0.003943428	NK-2	KPNA2
SNHG15	1.93E-07	0.347165328	0.282	0.146	0.00451061	NK-2	SNHG15
BRAF	2.12E-07	0.428042569	0.332	0.182	0.004944935	NK-2	BRAF
SELK	2.29E-07	0.441028125	0.594	0.427	0.005350984	NK-2	SELK
MT-ATP6	2.32E-07	0.373715626	1	0.996	0.005403365	NK-2	MT-ATP6
XCL2	2.53E-07	0.672000779	0.525	0.376	0.005902676	NK-2	XCL2

N4BP11	2.56E-07	0.292589412	0.347	0.197	0.005984289	NK-2	N4BP1
NDEL1	2.64E-07	0.286535493	0.376	0.216	0.00615796	NK-2	NDEL1
ZC3HAV1	4.03E-07	0.326453338	0.688	0.535	0.009393266	NK-2	ZC3HAV1
AKIRIN2	4.43E-07	0.424814488	0.356	0.215	0.010335953	NK-2	AKIRIN2
BTG3	4.85E-07	0.308741349	0.282	0.144	0.011319337	NK-2	BTG3
IFNG	5.00E-07	1.260212618	0.381	0.245	0.011675925	NK-2	IFNG
SRSF7	5.16E-07	0.43233346	0.787	0.693	0.012051153	NK-2	SRSF7
FAM129A1	6.19E-07	0.359820753	0.515	0.339	0.014446021	NK-2	FAM129A
ASAP1	6.63E-07	0.287721696	0.297	0.161	0.015462885	NK-2	ASAP1
AKAP13	9.58E-07	0.287162579	0.881	0.78	0.022350616	NK-2	AKAP13
GNG21	1.09E-06	0.514656943	0.644	0.524	0.025369859	NK-2	GNG2
DDX5	1.20E-06	0.268297227	0.946	0.929	0.028051639	NK-2	DDX5
PLIN2	1.23E-06	0.575587108	0.312	0.179	0.028608458	NK-2	PLIN2
GSPT1	1.89E-06	0.572067955	0.381	0.255	0.044099562	NK-2	GSPT1
LAG31	2.55E-06	0.341060925	0.307	0.174	0.059511969	NK-2	LAG3
LITAF1	2.84E-06	0.371336102	0.817	0.722	0.066214642	NK-2	LITAF
HECA	3.16E-06	0.27684732	0.257	0.135	0.073738526	NK-2	HECA
ELF1	3.18E-06	0.46773617	0.693	0.587	0.074279155	NK-2	ELF1
JMJD1C	3.98E-06	0.385641701	0.599	0.434	0.092882675	NK-2	JMJD1C
PCF11	4.25E-06	0.27307483	0.441	0.283	0.099196316	NK-2	PCF11
ELMSAN1	5.90E-06	0.345226647	0.5	0.344	0.137753682	NK-2	ELMSAN1
GNAS	5.94E-06	0.271790034	0.762	0.629	0.138615513	NK-2	GNAS
CYCS	6.06E-06	0.419784503	0.564	0.428	0.141480306	NK-2	CYCS
CHD4	6.30E-06	0.313105295	0.594	0.439	0.147063885	NK-2	CHD4
CCL4L2	7.28E-06	0.569264303	0.277	0.157	0.169791828	NK-2	CCL4L2
ZNF6831	9.09E-06	0.33226541	0.342	0.207	0.212189207	NK-2	ZNF683
FAM105B	1.29E-05	0.414776332	0.391	0.263	0.30019342	NK-2	FAM105B
IVNS1ABP	1.38E-05	0.332056614	0.683	0.533	0.32145601	NK-2	IVNS1ABP
KBTD2	1.45E-05	0.336573213	0.47	0.319	0.337932427	NK-2	KBTD2
PTPN22	1.48E-05	0.463155953	0.698	0.565	0.344497153	NK-2	PTPN22
RNF149	1.59E-05	0.52080072	0.624	0.494	0.371251481	NK-2	RNF149

SBDS	1.80E-05	0.392222326	0.401	0.265	0.420201498	NK-2	SBDS
KPNA1	2.00E-05	0.340475831	0.366	0.246	0.467728097	NK-2	KPNA1
AMD1	2.01E-05	0.375699282	0.302	0.179	0.469988823	NK-2	AMD1
EML4	2.26E-05	0.363992128	0.658	0.566	0.526430742	NK-2	EML4
NR3C1	2.36E-05	0.254533752	0.569	0.417	0.550221013	NK-2	NR3C1
MORF4L2	2.37E-05	0.345665686	0.446	0.302	0.552812989	NK-2	MORF4L2
MAP3K2	2.48E-05	0.454854006	0.401	0.277	0.579253982	NK-2	MAP3K2
OAT	2.65E-05	0.291538214	0.277	0.16	0.618705055	NK-2	OAT
PDCL3	3.43E-05	0.403681145	0.317	0.215	0.801238842	NK-2	PDCL3
CHORDC1	3.63E-05	0.413844078	0.396	0.268	0.847145593	NK-2	CHORDC1
NUP98	4.36E-05	0.270176433	0.406	0.263	1	NK-2	NUP98
ZNF267	4.60E-05	0.477890335	0.297	0.185	1	NK-2	ZNF267
UBE2D3	4.78E-05	0.26821092	0.817	0.75	1	NK-2	UBE2D3
MX21	5.08E-05	0.254673705	0.262	0.151	1	NK-2	MX2
MYLIP	5.09E-05	0.409540326	0.332	0.215	1	NK-2	MYLIP
UBE2H	6.21E-05	0.350671132	0.332	0.219	1	NK-2	UBE2H
KLF10	7.46E-05	0.348543915	0.302	0.185	1	NK-2	KLF10
HIAT1	7.55E-05	0.312774122	0.416	0.286	1	NK-2	HIAT1
STAM	7.65E-05	0.256764247	0.287	0.177	1	NK-2	STAM
STAT5B	8.86E-05	0.263242486	0.366	0.244	1	NK-2	STAT5B
GLUL	8.90E-05	0.427176037	0.54	0.438	1	NK-2	GLUL
XCL1	9.60E-05	0.591056306	0.505	0.398	1	NK-2	XCL1
SERINC1	0.000121789	0.271421984	0.703	0.599	1	NK-2	SERINC1
HERPUD1	0.000124478	0.518094023	0.525	0.432	1	NK-2	HERPUD1
PRKAR1A	0.000132835	0.43009962	0.599	0.505	1	NK-2	PRKAR1A
NDUFS5	0.000158429	0.288458942	0.634	0.539	1	NK-2	NDUFS5
HSPD1	0.000160805	0.394456789	0.505	0.394	1	NK-2	HSPD1
MAT2A	0.000161532	0.431574937	0.371	0.26	1	NK-2	MAT2A
STAT3	0.000164537	0.325676703	0.693	0.593	1	NK-2	STAT3
BIRC2	0.000168886	0.425996134	0.391	0.275	1	NK-2	BIRC2
DHX36	0.000219468	0.36553995	0.569	0.46	1	NK-2	DHX36



XAF11	0.000226541	0.287694506	0.658	0.529	1	NK-2	XAF1
IFI44L1	0.000248344	0.432719592	0.411	0.295	1	NK-2	IFI44L
MAPK1IP1L	0.000252374	0.416030058	0.569	0.469	1	NK-2	MAPK1IP1L
MT-ATP8	0.000259414	0.260146739	0.96	0.973	1	NK-2	MT-ATP8
IRF11	0.00026963	0.269712284	0.752	0.648	1	NK-2	IRF1
CYLD	0.000285627	0.271002939	0.614	0.491	1	NK-2	CYLD
RPL36AL	0.000393615	0.274893599	0.782	0.75	1	NK-2	RPL36AL
HERPUD2	0.000399228	0.287287332	0.5	0.395	1	NK-2	HERPUD2
GPR183	0.000408807	0.624287224	0.485	0.379	1	NK-2	GPR183
FBXO34	0.000424756	0.444890033	0.267	0.173	1	NK-2	FBXO34
LEPROTL1	0.000428498	0.43287768	0.51	0.433	1	NK-2	LEPROTL1
PIK3AP1	0.000509535	0.298189832	0.495	0.377	1	NK-2	PIK3AP1
GCH1	0.000516508	0.36669186	0.287	0.188	1	NK-2	GCH1
GRPEL1	0.000522127	0.288578849	0.262	0.17	1	NK-2	GRPEL1
EIF4G2	0.000552335	0.258227888	0.767	0.712	1	NK-2	EIF4G2
HSPA9	0.000559381	0.361845151	0.525	0.425	1	NK-2	HSPA9
HLA-DRA	0.000613127	0.256173896	0.47	0.35	1	NK-2	HLA-DRA
EIF1AX	0.000649957	0.28592771	0.431	0.324	1	NK-2	EIF1AX
DYNLL1	0.000760477	0.298924328	0.535	0.413	1	NK-2	DYNLL1
SMARCA5	0.000784352	0.327801752	0.48	0.362	1	NK-2	SMARCA5
NASP	0.000811777	0.487383067	0.455	0.375	1	NK-2	NASP
GPCPD1	0.000825036	0.394005106	0.446	0.346	1	NK-2	GPCPD1
CCSER2	0.000870825	0.338356411	0.5	0.402	1	NK-2	CCSER2
EPS15	0.00092729	0.318386165	0.485	0.365	1	NK-2	EPS15
TERF2IP	0.001045919	0.355716184	0.579	0.494	1	NK-2	TERF2IP
CSGALNACT2	0.001122196	0.346731179	0.322	0.23	1	NK-2	CSGALNACT2
NAA50	0.001156949	0.520399777	0.356	0.267	1	NK-2	NAA50
PITPNC1	0.001282605	0.304348566	0.426	0.334	1	NK-2	PITPNC1
TAGAP	0.001506324	0.414039403	0.46	0.374	1	NK-2	TAGAP
ITGB1	0.001518882	0.257137246	0.678	0.623	1	NK-2	ITGB1
GOLGB1	0.001527805	0.366297461	0.525	0.444	1	NK-2	GOLGB1

MTHFD2	0.00155719	0.502038981	0.307	0.223	1	NK-2	MTHFD2
ZC3H7A	0.001907013	0.29323885	0.386	0.297	1	NK-2	ZC3H7A
STIM2	0.002503077	0.265370915	0.396	0.3	1	NK-2	STIM2
GLIPR1	0.003009159	0.293962851	0.455	0.381	1	NK-2	GLIPR1
CTNNB1	0.003046198	0.357164299	0.663	0.643	1	NK-2	CTNNB1
RBBP6	0.003684633	0.264403238	0.391	0.307	1	NK-2	RBBP6
PNPLA8	0.003811931	0.254350677	0.262	0.178	1	NK-2	PNPLA8
WAC	0.00386182	0.270888585	0.51	0.416	1	NK-2	WAC
BCAS2	0.003942086	0.407941206	0.356	0.284	1	NK-2	BCAS2
ESYT2	0.004424379	0.321097179	0.396	0.301	1	NK-2	ESYT2
CEBPD	0.004720951	0.29289086	0.342	0.267	1	NK-2	CEBPD
PPP2R3C	0.00491096	0.267182764	0.327	0.241	1	NK-2	PPP2R3C
USP15	0.005018072	0.288989299	0.614	0.54	1	NK-2	USP15
USP9X	0.005539681	0.31457464	0.45	0.357	1	NK-2	USP9X
RAB8B	0.00561085	0.267234339	0.406	0.319	1	NK-2	RAB8B
MAPRE2	0.005898567	0.298349751	0.579	0.52	1	NK-2	MAPRE2
RAB5A	0.007483984	0.334277873	0.307	0.232	1	NK-2	RAB5A
ZBTB43	0.007785632	0.313420452	0.282	0.203	1	NK-2	ZBTB43
PRDM11	0.008804228	0.31418701	0.594	0.539	1	NK-2	PRDM1
COTL1	0.008964458	0.350524013	0.535	0.494	1	NK-2	COTL1
C10orf118	0.009587282	0.273518863	0.381	0.303	1	NK-2	C10orf118
FOS	1.15E-50	1.72002924	0.933	0.467	2.67E-46	NK-ILC1 intermediate	FOS
DUSP11	3.03E-48	1.601281476	0.966	0.602	7.07E-44	NK-ILC1 intermediate	DUSP1
AREG	4.33E-40	0.882793594	0.792	0.338	1.01E-35	NK-ILC1 intermediate	AREG
CXCR41	6.33E-34	1.12490209	0.953	0.629	1.48E-29	NK-ILC1 intermediate	CXCR4
DUSP21	2.14E-32	1.124058177	0.859	0.465	5.00E-28	NK-ILC1 intermediate	DUSP2
AREGB	1.84E-31	0.581130107	0.51	0.143	4.29E-27	NK-ILC1 intermediate	AREGB
TSC22D31	2.54E-29	1.166065722	0.993	0.836	5.93E-25	NK-ILC1 intermediate	TSC22D3
ZFP361	2.11E-27	1.000921481	0.973	0.695	4.92E-23	NK-ILC1 intermediate	ZFP36
NFKBIA1	4.81E-27	1.121160793	0.946	0.752	1.12E-22	NK-ILC1 intermediate	NFKBIA
RGS11	6.61E-24	1.267123334	0.799	0.48	1.54E-19	NK-ILC1 intermediate	RGS1

FKBP5	3.00E-23	1.183626153	0.805	0.527	6.99E-19	NK-ILC1 intermediate	FKBP5
MIR24-21	5.94E-23	0.723795742	0.49	0.165	1.39E-18	NK-ILC1 intermediate	MIR24-2
IL7R	4.65E-22	0.972082616	0.691	0.323	1.09E-17	NK-ILC1 intermediate	IL7R
CD691	2.87E-21	0.99946875	0.94	0.803	6.70E-17	NK-ILC1 intermediate	CD69
FOSB1	1.55E-19	0.639753217	0.577	0.252	3.61E-15	NK-ILC1 intermediate	FOSB
MT-RNR11	4.97E-19	0.702675128	1	0.991	1.16E-14	NK-ILC1 intermediate	MT-RNR1
MAFF1	2.72E-18	0.65798608	0.517	0.209	6.34E-14	NK-ILC1 intermediate	MAFF
SIK11	7.55E-17	0.477067421	0.309	0.089	1.76E-12	NK-ILC1 intermediate	SIK1
JUNB1	1.10E-15	0.6430196	0.826	0.569	2.56E-11	NK-ILC1 intermediate	JUNB
NR4A21	2.35E-14	0.419966082	0.617	0.306	5.49E-10	NK-ILC1 intermediate	NR4A2
SRGN	1.05E-13	0.639889424	0.94	0.861	2.44E-09	NK-ILC1 intermediate	SRGN
ZFP36L21	7.42E-13	0.826623848	0.919	0.777	1.73E-08	NK-ILC1 intermediate	ZFP36L2
XCL21	2.58E-12	0.364896077	0.671	0.367	6.02E-08	NK-ILC1 intermediate	XCL2
XCL11	1.08E-11	0.372825549	0.691	0.383	2.51E-07	NK-ILC1 intermediate	XCL1
AIM11	1.69E-11	0.815177334	0.497	0.265	3.93E-07	NK-ILC1 intermediate	AIM1
ZNF3311	1.80E-11	0.725286128	0.49	0.239	4.20E-07	NK-ILC1 intermediate	ZNF331
BCL61	3.45E-11	0.492967255	0.43	0.201	8.05E-07	NK-ILC1 intermediate	BCL6
PDCD4	7.96E-11	0.688795373	0.879	0.676	1.86E-06	NK-ILC1 intermediate	PDCD4
MT-RNR21	2.97E-10	0.466274134	1	1	6.92E-06	NK-ILC1 intermediate	MT-RNR2
NUDT19	3.99E-10	0.655033726	0.436	0.228	9.30E-06	NK-ILC1 intermediate	NUDT19
BTG11	4.56E-10	0.53089871	0.94	0.874	1.06E-05	NK-ILC1 intermediate	BTG1
SMAP2	5.26E-10	0.766561936	0.678	0.493	1.23E-05	NK-ILC1 intermediate	SMAP2
TNFAIP31	5.43E-10	0.798597314	0.819	0.623	1.27E-05	NK-ILC1 intermediate	TNFAIP3
SCML4	9.91E-10	0.692159466	0.611	0.387	2.31E-05	NK-ILC1 intermediate	SCML4
SELL	2.71E-09	0.413362496	0.651	0.387	6.32E-05	NK-ILC1 intermediate	SELL
KLRD1	7.00E-09	0.545028344	0.899	0.832	0.000163406	NK-ILC1 intermediate	KLRD1
KLRK1	1.00E-08	0.541706266	0.785	0.699	0.000233963	NK-ILC1 intermediate	KLRK1
TXNIP1	2.26E-08	0.379492831	0.94	0.848	0.000526576	NK-ILC1 intermediate	TXNIP
CD160	2.71E-08	1.000178275	0.282	0.129	0.000631423	NK-ILC1 intermediate	CD160
B4GALT1	8.82E-08	0.512842202	0.819	0.668	0.002057158	NK-ILC1 intermediate	B4GALT1
B3GNT71	1.93E-07	0.507533189	0.577	0.391	0.00450545	NK-ILC1 intermediate	B3GNT7

RP11-356I2.41	2.82E-07	0.546582486	0.45	0.28	0.006569898	NK-ILC1 intermediate	RP11-356I2.4
PIK3IP1	3.41E-07	0.422900306	0.685	0.462	0.007965633	NK-ILC1 intermediate	PIK3IP1
PDZD8	6.41E-07	0.704057918	0.315	0.168	0.01494674	NK-ILC1 intermediate	PDZD8
SYTL3	1.49E-06	0.446339987	0.765	0.621	0.034754216	NK-ILC1 intermediate	SYTL3
C20orf112	2.12E-06	0.483540565	0.537	0.354	0.049515204	NK-ILC1 intermediate	C20orf112
CD551	2.54E-06	0.611428206	0.671	0.509	0.059280395	NK-ILC1 intermediate	CD55
IER21	3.24E-06	0.419445559	0.718	0.613	0.075553445	NK-ILC1 intermediate	IER2
LDLRAD41	3.78E-06	0.921480485	0.51	0.349	0.088162315	NK-ILC1 intermediate	LDLRAD4
RASGEF1B1	4.40E-06	0.481894468	0.463	0.287	0.10272286	NK-ILC1 intermediate	RASGEF1B
LINC00996	7.60E-06	0.625608336	0.456	0.312	0.17726789	NK-ILC1 intermediate	LINC00996
TLE1	9.35E-06	0.462301017	0.376	0.223	0.21818763	NK-ILC1 intermediate	TLE1
PARP8	1.43E-05	0.479109975	0.765	0.688	0.333163872	NK-ILC1 intermediate	PARP8
BTG21	1.45E-05	0.832960586	0.403	0.266	0.337219836	NK-ILC1 intermediate	BTG2
DNAJA11	2.50E-05	0.5743007	0.617	0.476	0.583638522	NK-ILC1 intermediate	DNAJA1
CMC1	2.77E-05	0.416505156	0.57	0.451	0.647155965	NK-ILC1 intermediate	CMC1
ADAM28	4.29E-05	0.567382913	0.342	0.202	1	NK-ILC1 intermediate	ADAM28
CNOT6L	5.85E-05	0.657943604	0.597	0.471	1	NK-ILC1 intermediate	CNOT6L
CEBPD1	5.95E-05	0.360882323	0.389	0.265	1	NK-ILC1 intermediate	CEBPD
CSRNP11	7.26E-05	0.35699621	0.369	0.233	1	NK-ILC1 intermediate	CSRNP1
PABPC11	8.05E-05	0.333953214	0.94	0.859	1	NK-ILC1 intermediate	PABPC1
SNHG12	0.00010085	0.262156668	0.369	0.233	1	NK-ILC1 intermediate	SNHG12
GPR1831	0.000101796	0.646981429	0.497	0.382	1	NK-ILC1 intermediate	GPR183
PPP1R15A1	0.000112707	0.370439595	0.57	0.452	1	NK-ILC1 intermediate	PPP1R15A
TTN	0.00014591	0.652433086	0.483	0.362	1	NK-ILC1 intermediate	TTN
MAPK11	0.000180298	0.568456495	0.584	0.475	1	NK-ILC1 intermediate	MAPK1
IFRD11	0.000184263	0.338600272	0.436	0.299	1	NK-ILC1 intermediate	IFRD1
RGCC1	0.000235383	0.389485818	0.336	0.218	1	NK-ILC1 intermediate	RGCC
SYK	0.000278376	0.405871484	0.409	0.276	1	NK-ILC1 intermediate	SYK
CLK11	0.000303553	0.312775466	0.758	0.614	1	NK-ILC1 intermediate	CLK1
DDX51	0.000525853	0.325017836	0.933	0.931	1	NK-ILC1 intermediate	DDX5
HIF1A	0.000543429	0.648699342	0.725	0.651	1	NK-ILC1 intermediate	HIF1A

CASC7	0.00054818	0.347724322	0.477	0.363	1	NK-ILC1 intermediate	CASC7
GPATCH81	0.000614409	0.403150697	0.577	0.453	1	NK-ILC1 intermediate	GPATCH8
SLC38A21	0.000733199	0.250747596	0.738	0.595	1	NK-ILC1 intermediate	SLC38A2
SNTB2	0.000765772	0.34608841	0.262	0.155	1	NK-ILC1 intermediate	SNTB2
GFOD1	0.000900229	0.418731982	0.443	0.327	1	NK-ILC1 intermediate	GFOD1
KLF61	0.000962821	0.550929243	0.846	0.731	1	NK-ILC1 intermediate	KLF6
BAZ2B	0.000989072	0.562290134	0.456	0.341	1	NK-ILC1 intermediate	BAZ2B
KLRF11	0.001193516	0.693914513	0.577	0.505	1	NK-ILC1 intermediate	KLRF1
PIK3R11	0.00121887	0.559649691	0.604	0.51	1	NK-ILC1 intermediate	PIK3R1
TLE4	0.001491662	0.357457906	0.322	0.218	1	NK-ILC1 intermediate	TLE4
EOMES1	0.00153974	0.532677094	0.416	0.319	1	NK-ILC1 intermediate	EOMES
MORF4L21	0.001591485	0.521377281	0.409	0.31	1	NK-ILC1 intermediate	MORF4L2
MALT1	0.001893113	0.499754902	0.309	0.21	1	NK-ILC1 intermediate	MALT1
PNRC11	0.001906603	0.360311691	0.745	0.661	1	NK-ILC1 intermediate	PNRC1
TXK	0.001928928	0.337394568	0.805	0.776	1	NK-ILC1 intermediate	TXK
AKAP131	0.002238077	0.360907058	0.799	0.791	1	NK-ILC1 intermediate	AKAP13
RP11-16E23.41	0.002651269	0.584745177	0.275	0.186	1	NK-ILC1 intermediate	RP11-16E23.4
EIF51	0.003450468	0.389446511	0.685	0.636	1	NK-ILC1 intermediate	EIF5
SPRY1	0.003564148	0.387684257	0.349	0.241	1	NK-ILC1 intermediate	SPRY1
GAS51	0.003840769	0.521733972	0.436	0.366	1	NK-ILC1 intermediate	GAS5
ST3GAL1	0.004221668	0.527858868	0.456	0.379	1	NK-ILC1 intermediate	ST3GAL1
PFKFB31	0.004232042	0.265060296	0.309	0.209	1	NK-ILC1 intermediate	PFKFB3
ZC3H13	0.004874388	0.418109933	0.523	0.434	1	NK-ILC1 intermediate	ZC3H13
PPP1CB	0.005171128	0.440127634	0.765	0.737	1	NK-ILC1 intermediate	PPP1CB
ABLIM1	0.005202784	0.504924005	0.523	0.431	1	NK-ILC1 intermediate	ABLIM1
C1orf56	0.005424013	0.421498362	0.268	0.186	1	NK-ILC1 intermediate	C1orf56
PSMD5-AS1	0.005426528	0.303173532	0.309	0.218	1	NK-ILC1 intermediate	PSMD5-AS1
SEC14L1	0.005602596	0.478459348	0.43	0.344	1	NK-ILC1 intermediate	SEC14L1
ATM1	0.005790486	0.2837671	0.644	0.559	1	NK-ILC1 intermediate	ATM
SKIL1	0.007473765	0.424465048	0.577	0.497	1	NK-ILC1 intermediate	SKIL
CCNH	0.007659283	0.424138752	0.463	0.378	1	NK-ILC1 intermediate	CCNH

CD441	0.007887594	0.255445046	0.819	0.787	1	NK-ILC1 intermediate	CD44
PPP1R2	0.007910505	0.520476108	0.497	0.454	1	NK-ILC1 intermediate	PPP1R2
RASA2	0.007998582	0.42941188	0.658	0.618	1	NK-ILC1 intermediate	RASA2
PDE7A1	0.008549457	0.308638197	0.376	0.295	1	NK-ILC1 intermediate	PDE7A
UBE3B	0.008670089	0.431263274	0.275	0.193	1	NK-ILC1 intermediate	UBE3B
PIP4K2A1	0.009067068	0.264248732	0.893	0.917	1	NK-ILC1 intermediate	PIP4K2A
TMEM661	0.00920726	0.264956009	0.866	0.824	1	NK-ILC1 intermediate	TMEM66
SELL1	8.22E-90	1.860987153	0.841	0.321	1.92E-85	ILC1	SELL
XCL12	2.04E-74	0.957724381	0.855	0.319	4.76E-70	ILC1	XCL1
SPTSSB	6.88E-73	1.477370357	0.412	0.05	1.61E-68	ILC1	SPTSSB
IL7R1	5.69E-71	1.130498208	0.789	0.266	1.33E-66	ILC1	IL7R
RNU2-59P	4.57E-59	0.294939045	0.633	0.193	1.07E-54	ILC1	RNU2-59P
TCF7	1.51E-53	0.874132961	0.592	0.182	3.53E-49	ILC1	TCF7
ITGAX1	4.08E-43	1.009204213	0.675	0.293	9.53E-39	ILC1	ITGAX
XCL22	1.39E-42	0.564953967	0.758	0.319	3.24E-38	ILC1	XCL2
SPINK2	8.14E-42	0.832591694	0.311	0.055	1.90E-37	ILC1	SPINK2
EEF1A1	1.53E-41	0.545202734	0.997	0.994	3.56E-37	ILC1	EEF1A1
RPS18	5.82E-40	0.605759316	0.997	0.961	1.36E-35	ILC1	RPS18
RPL13	8.16E-40	0.587204435	0.986	0.959	1.90E-35	ILC1	RPL13
CCR7	1.87E-39	1.360821341	0.388	0.1	4.35E-35	ILC1	CCR7
RPS14	1.99E-33	0.514213549	0.997	0.983	4.65E-29	ILC1	RPS14
TNFRSF11A	3.78E-33	0.638262171	0.284	0.057	8.82E-29	ILC1	TNFRSF11A
TXNIP2	6.57E-31	0.770248468	0.948	0.837	1.53E-26	ILC1	TXNIP
RPL13A	6.20E-29	0.499797605	0.983	0.976	1.45E-24	ILC1	RPL13A
RPS3	2.91E-28	0.464939733	0.986	0.95	6.80E-24	ILC1	RPS3
RPS19	4.49E-28	0.447528481	0.997	0.987	1.05E-23	ILC1	RPS19
INPP4B	6.51E-28	0.840288977	0.325	0.09	1.52E-23	ILC1	INPP4B
RPL21	3.65E-27	0.446368917	1	0.992	8.52E-23	ILC1	RPL21
RPS3A	6.30E-27	0.496015406	0.958	0.932	1.47E-22	ILC1	RPS3A
RPS6	3.69E-26	0.508453275	0.969	0.963	8.61E-22	ILC1	RPS6
SSBP2	2.31E-25	0.997212842	0.298	0.086	5.40E-21	ILC1	SSBP2

RPL71	1.48E-24	0.526546378	0.958	0.93	3.46E-20	ILC1	RPL7
RPL30	1.53E-22	0.349680965	0.958	0.892	3.56E-18	ILC1	RPL30
PPP1R9A	1.77E-22	0.813962623	0.256	0.07	4.13E-18	ILC1	PPP1R9A
GSN	5.38E-22	0.879757368	0.408	0.169	1.25E-17	ILC1	GSN
RPS2	6.78E-22	0.472963911	0.955	0.899	1.58E-17	ILC1	RPS2
THEM4	2.45E-21	0.729044689	0.384	0.151	5.71E-17	ILC1	THEM4
C1orf162	2.71E-21	0.674824101	0.529	0.259	6.32E-17	ILC1	C1orf162
PLAC81	2.82E-21	0.562000944	0.803	0.552	6.57E-17	ILC1	PLAC8
RPL18A	2.84E-21	0.375688572	0.969	0.96	6.63E-17	ILC1	RPL18A
RPL10	7.12E-21	0.375078789	0.976	0.951	1.66E-16	ILC1	RPL10
MT-TC	1.12E-20	0.255166229	0.848	0.779	2.62E-16	ILC1	MT-TC
RPS25	3.00E-20	0.393430866	0.962	0.935	7.01E-16	ILC1	RPS25
RPLP2	5.96E-20	0.33444513	0.948	0.89	1.39E-15	ILC1	RPLP2
RPL8	8.25E-20	0.52159842	0.879	0.851	1.93E-15	ILC1	RPL8
RPL3	1.93E-19	0.441622678	0.958	0.948	4.51E-15	ILC1	RPL3
PLA2G6	3.49E-19	0.255453896	0.253	0.076	8.14E-15	ILC1	PLA2G6
RPL31	4.04E-19	0.434775362	0.962	0.928	9.43E-15	ILC1	RPL31
RPL19	5.75E-19	0.439501571	0.907	0.901	1.34E-14	ILC1	RPL19
RPL41	2.14E-18	0.324872125	1	0.991	4.98E-14	ILC1	RPL41
RPL34	2.36E-18	0.396364013	0.962	0.909	5.52E-14	ILC1	RPL34
LL22NC03-2H8.5	4.85E-18	0.424057526	0.384	0.167	1.13E-13	ILC1	LL22NC03-2H8.5
RPS27A	5.52E-18	0.425838776	0.931	0.93	1.29E-13	ILC1	RPS27A
LTB	7.97E-18	0.403145641	0.343	0.142	1.86E-13	ILC1	LTB
RPL23A	1.58E-17	0.346220389	0.993	0.983	3.68E-13	ILC1	RPL23A
RP11-473M20.7	2.11E-17	0.469408222	0.495	0.278	4.92E-13	ILC1	RP11-473M20.7
RPL9	2.25E-17	0.450305596	0.903	0.852	5.25E-13	ILC1	RPL9
RUNX2	2.12E-16	0.530050257	0.415	0.202	4.95E-12	ILC1	RUNX2
FAM65B1	2.41E-16	0.687154677	0.702	0.512	5.62E-12	ILC1	FAM65B
HNRNPH11	4.33E-16	0.482200612	0.993	0.989	1.01E-11	ILC1	HNRNPH1
EEF1A1P5	1.86E-15	0.261685659	0.979	0.951	4.33E-11	ILC1	EEF1A1P5
RP11-260M2.1	3.28E-15	0.374993632	0.263	0.096	7.66E-11	ILC1	RP11-260M2.1

TMEM173	4.44E-15	0.609006106	0.36	0.159	1.04E-10	ILC1	TMEM173
RPL32	4.77E-15	0.41811062	0.92	0.861	1.11E-10	ILC1	RPL32
FXYD5	1.11E-14	0.615739785	0.751	0.631	2.60E-10	ILC1	FXYD5
HVCN1	1.14E-14	0.313204134	0.253	0.096	2.66E-10	ILC1	HVCN1
RPL27A	1.21E-14	0.351758607	0.952	0.938	2.82E-10	ILC1	RPL27A
TARSL2	1.34E-14	0.401100063	0.391	0.194	3.13E-10	ILC1	TARSL2
ID2	1.99E-14	0.432304378	0.976	0.918	4.64E-10	ILC1	ID2
GPR1832	2.15E-14	0.487451231	0.588	0.352	5.01E-10	ILC1	GPR183
RPL15	2.44E-14	0.367743132	0.955	0.953	5.69E-10	ILC1	RPL15
RPS27	5.18E-14	0.362830317	1	0.998	1.21E-09	ILC1	RPS27
RPLP1	6.84E-14	0.309547051	0.986	0.976	1.60E-09	ILC1	RPLP1
PTGDR1	7.30E-14	0.350223154	0.54	0.297	1.70E-09	ILC1	PTGDR
RPS9	7.65E-14	0.433025411	0.772	0.713	1.79E-09	ILC1	RPS9
CD2	1.49E-13	0.656533724	0.785	0.682	3.47E-09	ILC1	CD2
ZFP36L22	2.08E-13	0.294354605	0.903	0.766	4.85E-09	ILC1	ZFP36L2
ST3GAL11	3.65E-13	0.594781313	0.567	0.349	8.51E-09	ILC1	ST3GAL1
BTG12	4.14E-13	0.253567021	0.938	0.867	9.66E-09	ILC1	BTG1
RPL27	4.77E-13	0.361099384	0.91	0.9	1.11E-08	ILC1	RPL27
TXK1	5.05E-13	0.522735246	0.865	0.76	1.18E-08	ILC1	TXK
LTA4H	5.26E-13	0.649048801	0.349	0.173	1.23E-08	ILC1	LTA4H
CD300A	6.65E-13	0.582331477	0.602	0.408	1.55E-08	ILC1	CD300A
PDCD41	8.15E-13	0.50875739	0.813	0.669	1.90E-08	ILC1	PDCD4
SLC25A45	8.25E-13	0.441649603	0.433	0.245	1.93E-08	ILC1	SLC25A45
RPS12	1.27E-12	0.339435459	0.872	0.83	2.96E-08	ILC1	RPS12
SYK1	1.86E-12	0.692124572	0.443	0.255	4.33E-08	ILC1	SYK
MT-ND2	2.04E-12	0.345351903	0.986	0.968	4.75E-08	ILC1	MT-ND2
KLRD11	2.37E-12	0.454864044	0.862	0.833	5.53E-08	ILC1	KLRD1
DUSP22	2.81E-12	0.334543952	0.678	0.463	6.55E-08	ILC1	DUSP2
FOS1	2.87E-12	0.331949703	0.692	0.471	6.71E-08	ILC1	FOS
SATB1	3.17E-12	0.599084478	0.478	0.291	7.41E-08	ILC1	SATB1
SOX4	3.48E-12	0.330184223	0.304	0.138	8.13E-08	ILC1	SOX4



TSPAN321	8.79E-12	0.430722571	0.398	0.22	2.05E-07	ILC1	TSPAN32
RPL10A	9.36E-12	0.404168615	0.858	0.772	2.18E-07	ILC1	RPL10A
SMAP21	1.51E-11	0.475048597	0.664	0.478	3.52E-07	ILC1	SMAP2
ITGAM1	2.36E-11	0.417991666	0.343	0.171	5.52E-07	ILC1	ITGAM
KLRC1	2.51E-11	0.359729608	0.82	0.612	5.85E-07	ILC1	KLRC1
RPL18	3.75E-11	0.314513193	0.848	0.804	8.74E-07	ILC1	RPL18
NUDT191	6.10E-11	0.452157582	0.391	0.216	1.42E-06	ILC1	NUDT19
TMEM123	9.49E-11	0.520588635	0.592	0.412	2.22E-06	ILC1	TMEM123
MBOAT1	2.52E-10	0.524618812	0.26	0.124	5.88E-06	ILC1	MBOAT1
RPS24	5.08E-10	0.4662652	0.841	0.808	1.19E-05	ILC1	RPS24
PPP3CA	5.53E-10	0.334177777	0.737	0.631	1.29E-05	ILC1	PPP3CA
BEX4	1.03E-09	0.450762961	0.301	0.156	2.39E-05	ILC1	BEX4
AKT3	1.03E-09	0.350679263	0.291	0.147	2.40E-05	ILC1	AKT3
C16orf54	2.03E-09	0.490055404	0.657	0.547	4.74E-05	ILC1	C16orf54
EEF1B2	2.13E-09	0.447562162	0.606	0.477	4.98E-05	ILC1	EEF1B2
S1PR11	4.02E-09	0.381475771	0.429	0.261	9.38E-05	ILC1	S1PR1
SLC38A22	4.17E-09	0.585425784	0.702	0.588	9.73E-05	ILC1	SLC38A2
COTL11	5.66E-09	0.638490154	0.574	0.483	0.000132056	ILC1	COTL1
CD442	6.10E-09	0.253423736	0.917	0.764	0.000142425	ILC1	CD44
RPS13	1.41E-08	0.365824876	0.83	0.785	0.000329003	ILC1	RPS13
RPL4	2.40E-08	0.460058386	0.775	0.695	0.000560821	ILC1	RPL4
CMC11	2.48E-08	0.609131281	0.554	0.443	0.000579598	ILC1	CMC1
RNU1-60P	7.69E-08	0.483922379	0.346	0.223	0.001794211	ILC1	RNU1-60P
PHACTR2	1.02E-07	0.343337536	0.315	0.181	0.002379966	ILC1	PHACTR2
SORL11	1.08E-07	0.255981499	0.606	0.423	0.002526378	ILC1	SORL1
RNF130	1.13E-07	0.458860669	0.311	0.183	0.002627325	ILC1	RNF130
STAP1	1.19E-07	0.360100806	0.253	0.132	0.002778503	ILC1	STAP1
BAZ2B1	1.40E-07	0.404149806	0.467	0.327	0.003273521	ILC1	BAZ2B
GRK6	1.69E-07	0.259717694	0.318	0.19	0.003945764	ILC1	GRK6
RPL5	2.34E-07	0.320447955	0.91	0.895	0.005449185	ILC1	RPL5
IKZF11	2.88E-07	0.390479147	0.716	0.618	0.006712687	ILC1	IKZF1

RPL12	3.74E-07	0.29103732	0.83	0.784	0.008716837	ILC1	RPL12
ANKRD10	3.86E-07	0.450914251	0.727	0.641	0.009008698	ILC1	ANKRD10
TNRC6B	3.99E-07	0.285986712	0.779	0.655	0.009302335	ILC1	TNRC6B
GLTSCR2	4.12E-07	0.435227674	0.547	0.445	0.009605642	ILC1	GLTSCR2
B4GALT11	4.36E-07	0.423434497	0.744	0.669	0.010179574	ILC1	B4GALT1
SRSF6	4.51E-07	0.279835851	0.654	0.489	0.010522437	ILC1	SRSF6
TRGC1	5.20E-07	0.340635161	0.585	0.465	0.01212529	ILC1	TRGC1
FAIM3	6.25E-07	0.340859309	0.512	0.364	0.014585286	ILC1	FAIM3
ST6GAL1	9.64E-07	0.375200389	0.27	0.156	0.022496288	ILC1	ST6GAL1
GPR68	1.15E-06	0.313584118	0.256	0.146	0.026772865	ILC1	GPR68
SH2D1B1	1.95E-06	0.263933984	0.81	0.681	0.045568992	ILC1	SH2D1B
C20orf1121	2.01E-06	0.291660767	0.488	0.346	0.046894282	ILC1	C20orf112
ABLIM11	2.58E-06	0.379936207	0.557	0.415	0.060248194	ILC1	ABLIM1
C11orf21	2.61E-06	0.312331138	0.263	0.152	0.060966894	ILC1	C11orf21
RPL11	2.72E-06	0.329599515	0.716	0.702	0.063531181	ILC1	RPL11
RPS5	3.46E-06	0.34889227	0.706	0.648	0.080654488	ILC1	RPS5
INADL	4.92E-06	0.472101568	0.266	0.161	0.114683985	ILC1	INADL
SESN1	5.33E-06	0.472218027	0.325	0.213	0.124448061	ILC1	SESN1
TSTD1	5.40E-06	0.356270068	0.512	0.433	0.125889605	ILC1	TSTD1
PRPF6	7.72E-06	0.532832008	0.426	0.313	0.180235434	ILC1	PRPF6
RPS4X	8.45E-06	0.427977323	0.706	0.659	0.197162354	ILC1	RPS4X
PRKY	9.90E-06	0.400628656	0.308	0.204	0.231079463	ILC1	PRKY
GMFG	1.02E-05	0.280033266	0.779	0.72	0.237670419	ILC1	GMFG
TTN1	1.32E-05	0.386178818	0.474	0.352	0.307930375	ILC1	TTN
RPL6	1.41E-05	0.329457746	0.779	0.771	0.329461354	ILC1	RPL6
N4BP2L2	1.91E-05	0.337101658	0.678	0.593	0.444712568	ILC1	N4BP2L2
PRMT21	2.09E-05	0.31644865	0.637	0.542	0.487537499	ILC1	PRMT2
CIRBP1	2.21E-05	0.257896077	0.696	0.601	0.514942061	ILC1	CIRBP
SPOP	2.83E-05	0.396542063	0.332	0.224	0.659500272	ILC1	SPOP
KLRK11	3.29E-05	0.29965808	0.723	0.703	0.768183016	ILC1	KLRK1
DIP2A1	3.66E-05	0.313082834	0.522	0.414	0.8541515	ILC1	DIP2A

CASC71	4.12E-05	0.419612641	0.457	0.356	0.961868357	ILC1	CASC7
DENND2D	4.50E-05	0.374209974	0.609	0.508	1	ILC1	DENND2D
ATM2	4.52E-05	0.423929119	0.657	0.548	1	ILC1	ATM
LUC7L3	5.49E-05	0.333398744	0.727	0.678	1	ILC1	LUC7L3
LYST	5.97E-05	0.362971227	0.606	0.504	1	ILC1	LYST
OGT	6.00E-05	0.432408559	0.64	0.551	1	ILC1	OGT
RPSA	6.29E-05	0.327609134	0.72	0.672	1	ILC1	RPSA
GIMAP6	6.56E-05	0.512987221	0.408	0.309	1	ILC1	GIMAP6
SEPT6	6.58E-05	0.322635738	0.63	0.545	1	ILC1	SEPT6
KIAA0319L	6.74E-05	0.354699598	0.311	0.208	1	ILC1	KIAA0319L
TC2N	7.11E-05	0.266416088	0.36	0.248	1	ILC1	TC2N
GOLIM4	7.28E-05	0.383075382	0.512	0.445	1	ILC1	GOLIM4
PIK3IP11	7.89E-05	0.409432142	0.55	0.467	1	ILC1	PIK3IP1
PNISR1	8.59E-05	0.395157099	0.702	0.656	1	ILC1	PNISR
PAN3	8.61E-05	0.352655778	0.602	0.503	1	ILC1	PAN3
METTL3	8.78E-05	0.516609094	0.291	0.2	1	ILC1	METTL3
C2orf68	8.84E-05	0.333938696	0.474	0.364	1	ILC1	C2orf68
KLRF12	9.22E-05	0.284898708	0.602	0.493	1	ILC1	KLRF1
FAM120B	9.33E-05	0.493479677	0.464	0.386	1	ILC1	FAM120B
CD552	9.57E-05	0.287056391	0.612	0.505	1	ILC1	CD55
CHD9	9.73E-05	0.502272162	0.509	0.42	1	ILC1	CHD9
TPT1	0.000103124	0.264022351	0.917	0.912	1	ILC1	TPT1
TRAF3IP31	0.000103185	0.355430836	0.616	0.544	1	ILC1	TRAF3IP3
RCSD1	0.000111012	0.407865833	0.522	0.414	1	ILC1	RCSD1
CCDC109B	0.00011387	0.43057539	0.356	0.26	1	ILC1	CCDC109B
RP4-717I23.3	0.000121065	0.302744296	0.329	0.226	1	ILC1	RP4-717I23.3
EIF2S3	0.000128764	0.367406799	0.713	0.659	1	ILC1	EIF2S3
IL18R1	0.000144367	0.369065879	0.401	0.304	1	ILC1	IL18R1
AKAP9	0.000157146	0.306070752	0.716	0.643	1	ILC1	AKAP9
SCML41	0.000187069	0.347871196	0.484	0.39	1	ILC1	SCML4
MPZL3	0.000247424	0.270181114	0.308	0.209	1	ILC1	MPZL3

DDX17	0.000256021	0.300306943	0.789	0.753	1	ILC1	DDX17
SRSF5	0.000256373	0.262326997	0.782	0.781	1	ILC1	SRSF5
DOCK10	0.000270998	0.339475132	0.599	0.532	1	ILC1	DOCK10
SPTBN1	0.000281983	0.288284844	0.381	0.281	1	ILC1	SPTBN1
UCP21	0.000374471	0.349777947	0.72	0.669	1	ILC1	UCP2
ITFG2	0.000392484	0.2900398	0.253	0.172	1	ILC1	ITFG2
IL12RB2	0.000411201	0.322715318	0.28	0.194	1	ILC1	IL12RB2
SYNRG	0.00041844	0.398718034	0.595	0.515	1	ILC1	SYNRG
FKBP51	0.000461144	0.278727992	0.619	0.537	1	ILC1	FKBP5
IQGAP21	0.00057078	0.325392117	0.626	0.549	1	ILC1	IQGAP2
RPLP0	0.000679414	0.376513494	0.716	0.681	1	ILC1	RPLP0
RPL7A	0.000794727	0.259098228	0.709	0.669	1	ILC1	RPL7A
FUT8	0.000864928	0.490818811	0.284	0.212	1	ILC1	FUT8
APEX1	0.00091543	0.323008508	0.27	0.19	1	ILC1	APEX1
NEK9	0.000961102	0.275394662	0.322	0.241	1	ILC1	NEK9
WSB1	0.001010694	0.288559299	0.547	0.465	1	ILC1	WSB1
SEPT11	0.001070714	0.397500883	0.353	0.268	1	ILC1	SEPT11
TPST2	0.001120827	0.293550788	0.502	0.418	1	ILC1	TPST2
ARAP2	0.001213082	0.251661913	0.623	0.557	1	ILC1	ARAP2
RAP1GDS1	0.001279122	0.27867863	0.45	0.367	1	ILC1	RAP1GDS1
ZBTB20	0.001644021	0.254913927	0.367	0.284	1	ILC1	ZBTB20
JAK3	0.001917823	0.394688766	0.619	0.599	1	ILC1	JAK3
SETD5-AS1	0.001929943	0.29437733	0.256	0.183	1	ILC1	SETD5-AS1
RP11-349A22.51	0.002372377	0.286409958	0.696	0.643	1	ILC1	RP11-349A22.5
GIMAP1	0.002627901	0.317009884	0.332	0.255	1	ILC1	GIMAP1
IL18RAP	0.002700083	0.504601489	0.45	0.39	1	ILC1	IL18RAP
SET	0.003046855	0.261401391	0.952	0.931	1	ILC1	SET
POGLUT1	0.003213464	0.276398566	0.256	0.183	1	ILC1	POGLUT1
CLASP1	0.003319232	0.33392265	0.388	0.318	1	ILC1	CLASP1
NSMCE1	0.003998925	0.384151564	0.356	0.289	1	ILC1	NSMCE1
BTF3L4	0.00405604	0.416308908	0.291	0.225	1	ILC1	BTF3L4

NUCB2	0.004164412	0.33081156	0.405	0.344	1	ILC1	NUCB2
FAM105A	0.004648078	0.336012216	0.26	0.194	1	ILC1	FAM105A
STK17A1	0.004779253	0.277388513	0.702	0.687	1	ILC1	STK17A
MARCH6	0.005708118	0.292785735	0.616	0.568	1	ILC1	MARCH6
COA1	0.006007414	0.30435249	0.439	0.374	1	ILC1	COA1
KAT6B	0.006062072	0.253761915	0.388	0.317	1	ILC1	KAT6B
NHLRC3	0.006532931	0.3048403	0.263	0.201	1	ILC1	NHLRC3
SLFN5	0.007795753	0.285609219	0.675	0.641	1	ILC1	SLFN5
IL4I1	4.28E-168	1.808324602	0.676	0.013	9.98E-164	ILC3	IL4I1
IL23R	6.62E-168	1.79237561	0.632	0.009	1.55E-163	ILC3	IL23R
NRP1	7.73E-146	1.727907147	0.574	0.01	1.80E-141	ILC3	NRP1
RORC	1.99E-120	1.64325521	0.456	0.007	4.63E-116	ILC3	RORC
KIT	1.43E-112	2.224800771	0.809	0.054	3.34E-108	ILC3	KIT
LST1	1.95E-110	1.003125167	0.735	0.042	4.56E-106	ILC3	LST1
KIAA1324	8.47E-110	1.770195541	0.5	0.013	1.98E-105	ILC3	KIAA1324
IL1R1	2.67E-100	1.701568589	0.662	0.037	6.24E-96	ILC3	IL1R1
PCDH9	6.36E-94	1.814183838	0.618	0.034	1.48E-89	ILC3	PCDH9
RP11-15B24.5	5.01E-92	0.415312526	0.294	0.002	1.17E-87	ILC3	RP11-15B24.5
AFF3	4.82E-90	1.403619935	0.75	0.059	1.12E-85	ILC3	AFF3
CD300LF	2.60E-81	1.603470271	0.353	0.008	6.07E-77	ILC3	CD300LF
TOX2	3.99E-80	1.210591748	0.647	0.05	9.30E-76	ILC3	TOX2
ENPP1	6.36E-71	1.245443931	0.456	0.023	1.48E-66	ILC3	ENPP1
BCAS1	1.66E-68	0.834229253	0.353	0.012	3.88E-64	ILC3	BCAS1
STAC	4.46E-65	0.689108181	0.265	0.005	1.04E-60	ILC3	STAC
TNFRSF25	2.33E-63	1.756834652	0.721	0.091	5.44E-59	ILC3	TNFRSF25
LTB1	4.95E-58	1.197567505	0.853	0.148	1.15E-53	ILC3	LTB1
SPINK2	2.95E-52	1.281375217	0.632	0.076	6.87E-48	ILC3	SPINK2
MPV17L	6.48E-50	0.663637956	0.294	0.013	1.51E-45	ILC3	MPV17L
VWA5A	3.31E-46	1.677807773	0.662	0.103	7.72E-42	ILC3	VWA5A
IL7R2	4.28E-45	1.980219432	0.985	0.329	9.98E-41	ILC3	IL7R
AMICA1	9.40E-45	1.856199678	0.603	0.088	2.19E-40	ILC3	AMICA1

LINC00299	8.11E-43	1.539141747	0.882	0.231	1.89E-38	ILC3	LINC00299
CHKA	2.25E-42	0.719468462	0.544	0.069	5.25E-38	ILC3	CHKA
TNFSF11	4.14E-42	0.795857827	0.412	0.037	9.66E-38	ILC3	TNFSF11
TNFSF13B	1.09E-41	1.26071295	0.559	0.078	2.55E-37	ILC3	TNFSF13B
RNVU1-13	7.70E-41	0.409343972	0.485	0.056	1.80E-36	ILC3	RNVU1-13
TGM2	3.17E-39	0.839871796	0.279	0.017	7.40E-35	ILC3	TGM2
CTSH	2.43E-37	1.363625364	0.368	0.035	5.67E-33	ILC3	CTSH
SAMD12	1.42E-36	0.886808231	0.353	0.032	3.32E-32	ILC3	SAMD12
SVIL	8.55E-33	0.867355103	0.588	0.111	1.99E-28	ILC3	SVIL
PRAM1	2.56E-30	0.438933159	0.279	0.024	5.97E-26	ILC3	PRAM1
TLE11	1.29E-29	1.372656052	0.765	0.214	3.01E-25	ILC3	TLE1
ARHGAP10	1.56E-29	0.868133462	0.5	0.085	3.65E-25	ILC3	ARHGAP10
TCF71	4.07E-28	0.949978912	0.794	0.23	9.49E-24	ILC3	TCF7
DST	6.93E-28	0.629584311	0.441	0.069	1.62E-23	ILC3	DST
AHR	9.94E-28	1.645299583	0.588	0.141	2.32E-23	ILC3	AHR
INSR	6.31E-27	0.411932546	0.279	0.027	1.47E-22	ILC3	INSR
C4orf32	1.42E-26	0.794271945	0.338	0.043	3.32E-22	ILC3	C4orf32
RUNX21	5.18E-25	1.21542919	0.706	0.219	1.21E-20	ILC3	RUNX2
EEF1A1P51	1.02E-24	0.675463301	1	0.954	2.37E-20	ILC3	EEF1A1P5
NRIP1	1.17E-24	1.269591736	0.515	0.108	2.74E-20	ILC3	NRIP1
SNORD3A	2.63E-24	0.513816687	0.691	0.217	6.13E-20	ILC3	SNORD3A
SPINT2	2.03E-23	0.479954154	0.265	0.028	4.73E-19	ILC3	SPINT2
DENND5A	3.46E-23	0.932222664	0.471	0.093	8.06E-19	ILC3	DENND5A
SSBP21	6.89E-23	1.087744472	0.5	0.107	1.61E-18	ILC3	SSBP2
MGAT5	1.05E-22	0.845111274	0.5	0.108	2.45E-18	ILC3	MGAT5
EEF1A11	1.91E-22	0.691195576	1	0.994	4.45E-18	ILC3	EEF1A1
TNFSF4	3.22E-22	0.943806905	0.397	0.07	7.52E-18	ILC3	TNFSF4
TEC	9.36E-22	0.618656181	0.412	0.076	2.18E-17	ILC3	TEC
UGCG	2.26E-21	0.769511044	0.559	0.143	5.28E-17	ILC3	UGCG
FXYD51	1.30E-20	1.053217712	0.956	0.639	3.04E-16	ILC3	FXYD5
RNU2-59P1	3.74E-20	0.383025804	0.706	0.25	8.72E-16	ILC3	RNU2-59P

RNU1-60P1	1.39E-19	0.764671781	0.676	0.226	3.25E-15	ILC3	RNU1-60P
CAT	1.68E-19	1.694654623	0.632	0.218	3.92E-15	ILC3	CAT
PRR5	3.40E-19	0.627296864	0.441	0.098	7.93E-15	ILC3	PRR5
SOX41	5.15E-19	1.150089529	0.544	0.15	1.20E-14	ILC3	SOX4
IGFBP4	2.35E-18	0.937496183	0.309	0.051	5.48E-14	ILC3	IGFBP4
DLL1	3.55E-18	0.937767199	0.279	0.043	8.28E-14	ILC3	DLL1
KLF7	4.02E-17	0.636739373	0.265	0.04	9.38E-13	ILC3	KLF7
GRAMD3	4.59E-17	0.459438867	0.368	0.075	1.07E-12	ILC3	GRAMD3
LTA4H1	6.19E-17	1.246332403	0.574	0.188	1.44E-12	ILC3	LTA4H
USP53	1.62E-16	0.938059014	0.456	0.122	3.79E-12	ILC3	USP53
LL22NC03-2H8.51	1.69E-16	0.566435761	0.588	0.188	3.94E-12	ILC3	LL22NC03-2H8.5
TTN2	2.12E-16	1.517659353	0.765	0.357	4.94E-12	ILC3	TTN
TRAC1	6.94E-16	0.807930455	0.735	0.308	1.62E-11	ILC3	TRAC
FKBP52	8.00E-16	1.110741422	0.882	0.537	1.87E-11	ILC3	FKBP5
CERK	8.97E-16	1.209482894	0.471	0.132	2.09E-11	ILC3	CERK
SCRN1	9.89E-16	0.509766535	0.279	0.048	2.31E-11	ILC3	SCRN1
IRAK3	1.89E-14	0.773123739	0.294	0.058	4.41E-10	ILC3	IRAK3
DOCK5	1.90E-14	0.848013334	0.735	0.336	4.44E-10	ILC3	DOCK5
ABCC1	3.36E-14	0.576915826	0.456	0.129	7.83E-10	ILC3	ABCC1
ADAM10	4.57E-14	0.953529864	0.691	0.303	1.07E-09	ILC3	ADAM10
TNFRSF4	4.59E-14	0.706032247	0.412	0.116	1.07E-09	ILC3	TNFRSF4
UNC93B1	1.04E-13	0.610029355	0.353	0.087	2.43E-09	ILC3	UNC93B1
FOS2	1.09E-13	1.014007028	0.853	0.494	2.55E-09	ILC3	FOS
GNAQ	3.82E-13	0.513183937	0.338	0.079	8.91E-09	ILC3	GNAQ
TIMP1	5.20E-13	0.721259049	0.559	0.197	1.21E-08	ILC3	TIMP1
BAZ2B2	1.01E-12	0.683994958	0.735	0.335	2.35E-08	ILC3	BAZ2B
KLRB11	1.08E-12	0.786588325	0.794	0.413	2.51E-08	ILC3	KLRB1
CCDC141	1.22E-12	0.961716586	0.338	0.087	2.85E-08	ILC3	CCDC141
GSN1	1.41E-12	1.121561379	0.529	0.196	3.29E-08	ILC3	GSN
FOSB2	2.20E-12	0.814945828	0.632	0.266	5.13E-08	ILC3	FOSB
TMED8	5.11E-12	0.307081886	0.309	0.073	1.19E-07	ILC3	TMED8

SMG1P1	6.36E-12	0.506337544	0.647	0.3	1.48E-07	ILC3	SMG1P1
ARHGAP5	6.65E-12	0.672336762	0.353	0.093	1.55E-07	ILC3	ARHGAP5
RIPK2	8.38E-12	0.627385262	0.338	0.086	1.96E-07	ILC3	RIPK2
PBXIP1	8.41E-12	0.816923093	0.618	0.279	1.96E-07	ILC3	PBXIP1
CITED2	1.11E-11	0.690927762	0.412	0.14	2.60E-07	ILC3	CITED2
MEF2A	1.52E-11	0.646181503	0.544	0.219	3.54E-07	ILC3	MEF2A
AGPAT5	1.65E-11	0.714156817	0.382	0.115	3.85E-07	ILC3	AGPAT5
FAM117B	1.99E-11	0.702776158	0.279	0.066	4.65E-07	ILC3	FAM117B
TBC1D17	2.46E-11	0.531381903	0.324	0.089	5.73E-07	ILC3	TBC1D17
SLA	3.04E-11	1.006034266	0.882	0.659	7.10E-07	ILC3	SLA
PRPF61	5.94E-11	1.031757073	0.662	0.318	1.39E-06	ILC3	PRPF6
ABHD15	6.23E-11	1.007555461	0.368	0.114	1.45E-06	ILC3	ABHD15
CCDC41	9.02E-11	0.425505409	0.353	0.1	2.11E-06	ILC3	CCDC41
ELOVL6	1.89E-10	1.335662059	0.382	0.131	4.40E-06	ILC3	ELOVL6
CDC14A	1.99E-10	0.62992768	0.441	0.158	4.65E-06	ILC3	CDC14A
DUSP12	2.00E-10	0.771422103	0.912	0.622	4.67E-06	ILC3	DUSP1
KRT86	2.65E-10	0.847469857	0.529	0.227	6.17E-06	ILC3	KRT86
ZFP36L1	3.63E-10	1.136060808	0.926	0.742	8.47E-06	ILC3	ZFP36L1
ELK3	4.66E-10	0.656295913	0.397	0.139	1.09E-05	ILC3	ELK3
RPS6KA3	5.02E-10	0.625433757	0.765	0.394	1.17E-05	ILC3	RPS6KA3
ABCA1	5.74E-10	0.520889092	0.309	0.084	1.34E-05	ILC3	ABCA1
CYSLTR1	7.61E-10	0.637402275	0.309	0.085	1.77E-05	ILC3	CYSLTR1
BACH2	1.10E-09	0.278657928	0.309	0.085	2.57E-05	ILC3	BACH2
PDE8A	1.53E-09	0.492178689	0.279	0.075	3.57E-05	ILC3	PDE8A
RNASET2	1.83E-09	0.520906247	0.515	0.217	4.27E-05	ILC3	RNASET2
ZNF217	3.55E-09	0.678339402	0.544	0.253	8.29E-05	ILC3	ZNF217
SATB1	5.68E-09	0.625567996	0.647	0.31	0.000132535	ILC3	SATB1
MYO7A	7.39E-09	0.693939492	0.294	0.089	0.00017241	ILC3	MYO7A
TARSL2	8.29E-09	0.406522658	0.5	0.216	0.000193323	ILC3	TARSL2
C20orf112	8.50E-09	0.690182504	0.676	0.357	0.000198443	ILC3	C20orf112
IRF2BP2	8.58E-09	0.70395048	0.485	0.22	0.000200182	ILC3	IRF2BP2



MPG	8.59E-09	0.453886706	0.603	0.305	0.000200518	ILC3	MPG
INPP4B1	1.01E-08	0.68918128	0.353	0.121	0.000235008	ILC3	INPP4B
TP53INP1	1.04E-08	0.411366212	0.353	0.118	0.00024155	ILC3	TP53INP1
IL18R11	1.13E-08	0.798699501	0.603	0.309	0.000262531	ILC3	IL18R1
MYO9A	1.18E-08	0.939557048	0.368	0.133	0.000274922	ILC3	MYO9A
TMIGD2	1.56E-08	0.531695895	0.632	0.337	0.000363238	ILC3	TMIGD2
KDSR	1.62E-08	0.810184277	0.309	0.102	0.000377381	ILC3	KDSR
SPECC1	2.39E-08	0.464205987	0.368	0.126	0.000557105	ILC3	SPECC1
IKZF2	2.78E-08	0.557629509	0.368	0.133	0.000647856	ILC3	IKZF2
ZNF814	4.58E-08	0.512771469	0.324	0.108	0.00106853	ILC3	ZNF814
CTD-2547E10.2	4.77E-08	0.820247213	0.618	0.368	0.001113374	ILC3	CTD-2547E10.2
TOB1	5.86E-08	0.887394481	0.559	0.292	0.001366953	ILC3	TOB1
REV3L	6.49E-08	0.831316062	0.485	0.219	0.001515192	ILC3	REV3L
PEBP1	6.94E-08	0.589014901	0.603	0.298	0.001618984	ILC3	PEBP1
BMI1	7.32E-08	0.402894075	0.265	0.079	0.001709095	ILC3	BMI1
IFT57	7.40E-08	0.463901658	0.294	0.092	0.001726327	ILC3	IFT57
LTBP3	9.11E-08	0.352095243	0.309	0.107	0.002125113	ILC3	LTBP3
TTC7A	9.97E-08	0.351238141	0.309	0.104	0.002326032	ILC3	TTC7A
ARL3	1.04E-07	0.553516382	0.294	0.097	0.002423817	ILC3	ARL3
DDIT4	1.23E-07	0.520257878	0.897	0.73	0.00285966	ILC3	DDIT4
PCMTD2	1.24E-07	0.442571868	0.368	0.138	0.002882209	ILC3	PCMTD2
TMEM1231	1.32E-07	0.79432614	0.691	0.433	0.003075857	ILC3	TMEM123
SCML1	1.33E-07	0.255021014	0.265	0.079	0.003109881	ILC3	SCML1
ZNF609	2.03E-07	0.491558531	0.382	0.152	0.004731012	ILC3	ZNF609
HERPUD11	2.12E-07	0.977476495	0.662	0.434	0.004950184	ILC3	HERPUD1
OTUD5	2.13E-07	0.499726879	0.397	0.163	0.004973891	ILC3	OTUD5
DCAF11	2.38E-07	0.642161021	0.5	0.243	0.005563625	ILC3	DCAF11
EML41	2.43E-07	0.703737303	0.809	0.567	0.005663628	ILC3	EML4
FER	2.46E-07	0.534749832	0.265	0.083	0.005750234	ILC3	FER
RAB37	3.01E-07	0.41575323	0.368	0.138	0.007034212	ILC3	RAB37
GOLGA8A	3.53E-07	0.552904534	0.676	0.441	0.008226747	ILC3	GOLGA8A

ANKRD26	3.80E-07	0.524543383	0.309	0.11	0.008865299	ILC3	ANKRD26
SRGAP3	3.90E-07	0.59150448	0.559	0.316	0.009088516	ILC3	SRGAP3
SCML42	4.53E-07	0.662356119	0.662	0.396	0.010572736	ILC3	SCML4
JMY1	4.85E-07	0.817036794	0.324	0.125	0.011306698	ILC3	JMY
H2AFY	5.23E-07	0.67109543	0.676	0.432	0.012212058	ILC3	H2AFY
SMAP22	5.47E-07	0.679850848	0.735	0.5	0.012768599	ILC3	SMAP2
ABCA5	5.54E-07	0.330134989	0.324	0.115	0.012922629	ILC3	ABCA5
MIR181A1HG	5.67E-07	0.81121921	0.265	0.09	0.013228972	ILC3	MIR181A1HG
ALDOC	5.72E-07	1.1799628	0.324	0.126	0.013356945	ILC3	ALDOC
AKAP11	6.50E-07	0.592241947	0.324	0.122	0.015170923	ILC3	AKAP11
TCP1	6.96E-07	0.562128856	0.691	0.394	0.016237945	ILC3	TCP1
THEM41	7.99E-07	0.511957695	0.412	0.181	0.018639609	ILC3	THEM4
N4BP2	8.18E-07	0.554281505	0.397	0.164	0.019086624	ILC3	N4BP2
CNDP2	8.49E-07	0.685856823	0.515	0.281	0.019802354	ILC3	CNDP2
REEP3	9.79E-07	0.892886083	0.294	0.112	0.022851026	ILC3	REEP3
TLK1	1.05E-06	0.777290794	0.691	0.437	0.024534108	ILC3	TLK1
INPP5B	1.10E-06	0.567870237	0.426	0.199	0.025620659	ILC3	INPP5B
IGFBP71	1.18E-06	0.542119267	0.382	0.163	0.027481764	ILC3	IGFBP7
SESN11	1.39E-06	0.863332057	0.456	0.223	0.032479907	ILC3	SESN1
NCOA7	1.49E-06	0.547399395	0.485	0.245	0.034758217	ILC3	NCOA7
SCYL3	1.50E-06	0.591900094	0.265	0.092	0.034898754	ILC3	SCYL3
SRI	1.65E-06	0.59873345	0.721	0.484	0.03839456	ILC3	SRI
KRT81	1.68E-06	0.756950152	0.382	0.173	0.039296821	ILC3	KRT81
ACAT2	1.88E-06	0.775513943	0.338	0.137	0.043750168	ILC3	ACAT2
SLAIN2	1.97E-06	0.665929187	0.456	0.222	0.04589095	ILC3	SLAIN2
NFKBIA2	2.07E-06	0.449762427	0.912	0.763	0.048206485	ILC3	NFKBIA
CHD6	2.34E-06	0.550293416	0.559	0.308	0.05459405	ILC3	CHD6
GPR681	2.87E-06	0.640812004	0.368	0.156	0.066992931	ILC3	GPR68
GRAMD1A	3.11E-06	0.556797291	0.397	0.183	0.072556241	ILC3	GRAMD1A
RP3-449O17.1	3.50E-06	0.417220782	0.265	0.097	0.081682911	ILC3	RP3-449O17.1
EFCAB4B	3.51E-06	0.394434362	0.382	0.17	0.081908529	ILC3	EFCAB4B

DGKA	3.56E-06	0.678050168	0.456	0.22	0.0829789	ILC3	DGKA
GLUL1	3.74E-06	0.742599038	0.676	0.441	0.087340745	ILC3	GLUL
CPNE7	3.99E-06	0.480800996	0.265	0.095	0.093059777	ILC3	CPNE7
CXCR42	4.25E-06	0.325702816	0.897	0.648	0.09916263	ILC3	CXCR4
GNB2L1	5.50E-06	0.414753381	0.912	0.798	0.12823602	ILC3	GNB2L1
DNAJB12	6.61E-06	0.397234167	0.309	0.121	0.154308774	ILC3	DNAJB12
FUCA2	7.11E-06	0.621703901	0.338	0.149	0.165909349	ILC3	FUCA2
BRWD1	8.02E-06	0.482873796	0.647	0.401	0.187200026	ILC3	BRWD1
MAP3K7	9.46E-06	0.46498093	0.382	0.17	0.22067967	ILC3	MAP3K7
NSMCE11	1.06E-05	0.647449501	0.5	0.292	0.246669957	ILC3	NSMCE1
ANKRD281	1.06E-05	0.66493196	0.426	0.22	0.247364718	ILC3	ANKRD28
CIRBP2	1.30E-05	0.406914863	0.809	0.609	0.303404524	ILC3	CIRBP
WDFY2	1.30E-05	0.565688929	0.338	0.149	0.303624323	ILC3	WDFY2
RASA21	1.31E-05	0.378941784	0.809	0.614	0.305741482	ILC3	RASA2
TP53BP1	1.33E-05	0.616218283	0.265	0.1	0.310495109	ILC3	TP53BP1
ZBTB201	1.38E-05	0.383013632	0.529	0.289	0.321569389	ILC3	ZBTB20
HSPB1	1.52E-05	0.322966313	0.426	0.227	0.353769406	ILC3	HSPB1
DNMT3A	1.85E-05	0.284528883	0.382	0.17	0.431867862	ILC3	DNMT3A
TP53I13	2.03E-05	0.302578624	0.397	0.189	0.472505141	ILC3	TP53I13
CCR71	2.05E-05	0.531914951	0.324	0.142	0.478940424	ILC3	CCR7
RPL151	2.11E-05	0.339134097	0.985	0.952	0.491477529	ILC3	RPL15
SYPL1	2.26E-05	0.558354517	0.294	0.121	0.527949536	ILC3	SYPL1
PHACTR21	2.59E-05	0.398358298	0.397	0.196	0.604405647	ILC3	PHACTR2
LPXN	2.64E-05	0.856689915	0.632	0.422	0.615210423	ILC3	LPXN
TSC22D32	2.75E-05	0.337569127	0.985	0.845	0.640860825	ILC3	TSC22D3
GGNBP2	2.75E-05	0.611569939	0.603	0.396	0.641181472	ILC3	GGNBP2
BTG22	2.86E-05	0.542002249	0.485	0.269	0.668156551	ILC3	BTG2
GPX1	2.97E-05	0.355940991	0.382	0.194	0.692330285	ILC3	GPX1
NFKB11	2.97E-05	0.679113181	0.529	0.313	0.693578123	ILC3	NFKB1
TBL1XR1	3.05E-05	0.406177152	0.735	0.493	0.710575147	ILC3	TBL1XR1
LRR41	3.34E-05	0.530281753	0.309	0.133	0.778264071	ILC3	LRR41

CD831	3.39E-05	0.691205003	0.309	0.134	0.790417222	ILC3	CD83
RBL21	4.04E-05	0.601297565	0.647	0.425	0.942788089	ILC3	RBL2
BRD8	4.10E-05	0.83571652	0.412	0.223	0.957752117	ILC3	BRD8
CD84	4.21E-05	0.327711677	0.265	0.107	0.981593742	ILC3	CD84
PLD3	4.87E-05	0.37378843	0.412	0.212	1	ILC3	PLD3
TOX	4.92E-05	0.703465854	0.441	0.256	1	ILC3	TOX
DHRS31	4.99E-05	0.634705598	0.559	0.328	1	ILC3	DHRS3
ERN1	5.26E-05	0.442226883	0.412	0.226	1	ILC3	ERN1
CHD7	6.36E-05	0.50362543	0.265	0.111	1	ILC3	CHD7
RPL101	7.02E-05	0.309338577	0.985	0.954	1	ILC3	RPL10
MIS18BP1	7.28E-05	0.496043304	0.603	0.375	1	ILC3	MIS18BP1
ST3GAL5	7.50E-05	0.319875344	0.412	0.202	1	ILC3	ST3GAL5
AKAP91	7.88E-05	0.547257215	0.765	0.651	1	ILC3	AKAP9
TIA1	7.94E-05	0.502642131	0.5	0.301	1	ILC3	TIA1
GABPB1-AS1	8.48E-05	0.360573083	0.338	0.163	1	ILC3	GABPB1-AS1
SKP1	9.42E-05	0.424820054	0.897	0.766	1	ILC3	SKP1
SLC4A7	9.81E-05	0.555045949	0.382	0.199	1	ILC3	SLC4A7
KIAA1033	0.000104988	0.388474305	0.412	0.213	1	ILC3	KIAA1033
RP11-356I2.42	0.000107457	0.426494327	0.485	0.287	1	ILC3	RP11-356I2.4
FYCO1	0.000116368	0.884145893	0.324	0.154	1	ILC3	FYCO1
THAP5	0.000123496	0.317207113	0.382	0.199	1	ILC3	THAP5
RILPL2	0.00012935	0.506504623	0.265	0.118	1	ILC3	RILPL2
RBPJ	0.000129769	0.614260028	0.632	0.424	1	ILC3	RBPJ
CD52	0.000133849	0.314224912	0.941	0.738	1	ILC3	CD52
TMEM662	0.000146283	0.405756418	0.926	0.824	1	ILC3	TMEM66
SMAP1	0.000151946	0.266759144	0.485	0.264	1	ILC3	SMAP1
C2CD5	0.000164602	0.327186187	0.309	0.144	1	ILC3	C2CD5
ITPR1	0.000174606	0.593377544	0.397	0.217	1	ILC3	ITPR1
ST3GAL12	0.000174844	0.497699974	0.618	0.376	1	ILC3	ST3GAL1
RPLP11	0.000176643	0.263063955	1	0.977	1	ILC3	RPLP1
CXXC5	0.000181028	0.498081189	0.368	0.195	1	ILC3	CXXC5

ELOVL5	0.00018273	0.80895322	0.485	0.3	1	ILC3	ELOVL5
SRSF61	0.00018367	0.448266499	0.691	0.51	1	ILC3	SRSF6
ANGEL2	0.000195684	0.407802208	0.368	0.192	1	ILC3	ANGEL2
HUWE1	0.000198025	0.588351148	0.618	0.424	1	ILC3	HUWE1
OBFC1	0.000201849	0.389453887	0.426	0.232	1	ILC3	OBFC1
MPRIP	0.000216629	0.269288243	0.294	0.135	1	ILC3	MPRIP
YWHAH	0.000233855	0.572737604	0.529	0.326	1	ILC3	YWHAH
KLHL28	0.000235472	0.632003739	0.382	0.205	1	ILC3	KLHL28
HNRNPA1	0.000252786	0.325204423	0.941	0.846	1	ILC3	HNRNPA1
PHYKPL	0.000267852	0.61140815	0.618	0.44	1	ILC3	PHYKPL
IFNGR1	0.000289538	0.326584177	0.588	0.368	1	ILC3	IFNGR1
BCL2	0.000290578	0.454601536	0.265	0.127	1	ILC3	BCL2
IFI441	0.000295214	0.38446554	0.441	0.24	1	ILC3	IFI44
MARCH61	0.000336954	0.484701773	0.721	0.57	1	ILC3	MARCH61
PCNXL2	0.000337778	0.283675848	0.279	0.129	1	ILC3	PCNXL2
MAF	0.000339947	0.298346378	0.294	0.144	1	ILC3	MAF
PCNX	0.000384848	0.412003573	0.515	0.317	1	ILC3	PCNX
IL4R	0.00039154	0.428726315	0.471	0.311	1	ILC3	IL4R
HNRNPH12	0.000396129	0.392569903	1	0.989	1	ILC3	HNRNPH1
ANKRD101	0.00040518	0.480449372	0.779	0.65	1	ILC3	ANKRD10
LRRFIP2	0.000409611	0.49369652	0.338	0.183	1	ILC3	LRRFIP2
SDCCAG8	0.000417035	0.30241262	0.338	0.168	1	ILC3	SDCCAG8
INPP1	0.000425307	0.687449474	0.265	0.124	1	ILC3	INPP1
RPL72	0.000432466	0.286502527	0.971	0.934	1	ILC3	RPL7
MAP3K1	0.000432921	0.579380485	0.338	0.178	1	ILC3	MAP3K1
STAP11	0.000434321	0.584213958	0.294	0.147	1	ILC3	STAP1
PNRC12	0.000434911	0.292339967	0.824	0.662	1	ILC3	PNRC1
DUSP6	0.00047052	0.671365481	0.309	0.16	1	ILC3	DUSP6
HELZ	0.000477534	0.567472186	0.676	0.507	1	ILC3	HELZ
NBPF14	0.000487121	0.319730538	0.471	0.298	1	ILC3	NBPF14
PIK3IP12	0.000552453	0.648798008	0.662	0.474	1	ILC3	PIK3IP1

TPT11	0.000601481	0.285954924	0.971	0.91	1	ILC3	TPT1
CASP3	0.000604539	0.511173319	0.441	0.277	1	ILC3	CASP3
MGAT4A	0.000607974	0.377878945	0.603	0.377	1	ILC3	MGAT4A
KIAA1551	0.000684736	0.51403319	0.794	0.68	1	ILC3	KIAA1551
DDX171	0.000737621	0.518582084	0.853	0.755	1	ILC3	DDX17
PRKDC	0.000763649	0.523513623	0.676	0.511	1	ILC3	PRKDC
BST21	0.000766844	0.73704502	0.706	0.553	1	ILC3	BST2
CMTM6	0.000775931	0.47563256	0.662	0.476	1	ILC3	CMTM6
RPLP01	0.000787421	0.277948523	0.838	0.68	1	ILC3	RPLP0
ZDHHC17	0.000907243	0.360778131	0.279	0.138	1	ILC3	ZDHHC17
MBTPS1	0.000995145	0.734514355	0.382	0.228	1	ILC3	MBTPS1
PEX1	0.00100767	0.316354311	0.265	0.128	1	ILC3	PEX1
RIF1	0.00101335	0.592024043	0.5	0.347	1	ILC3	RIF1
GPX4	0.001066625	0.287458066	0.544	0.386	1	ILC3	GPX4
HERC2P9	0.001092038	0.324900817	0.338	0.188	1	ILC3	HERC2P9
OXR1	0.001115219	0.391339319	0.324	0.172	1	ILC3	OXR1
FUS	0.00114641	0.341320421	0.75	0.568	1	ILC3	FUS
SVIP	0.00118517	0.31317599	0.353	0.196	1	ILC3	SVIP
JMJD1C1	0.001225355	0.553277533	0.603	0.448	1	ILC3	JMJD1C
RABEP1	0.001237174	0.55946549	0.412	0.269	1	ILC3	RABEP1
RPL111	0.001419314	0.255864653	0.853	0.698	1	ILC3	RPL11
MGA	0.001431604	0.37046323	0.368	0.211	1	ILC3	MGA
MACF11	0.00144692	0.474371149	0.868	0.759	1	ILC3	MACF1
CBWD2	0.0015042	0.339983638	0.382	0.23	1	ILC3	CBWD2
SERINC11	0.001538151	0.355633378	0.75	0.606	1	ILC3	SERINC1
KCTD9	0.001664651	0.667688183	0.368	0.21	1	ILC3	KCTD9
ATAD2B	0.001670617	0.385641864	0.441	0.279	1	ILC3	ATAD2B
ADI1	0.001698356	0.351033924	0.265	0.134	1	ILC3	ADI1
TNFRSF18	0.001733279	0.396860749	0.662	0.478	1	ILC3	TNFRSF18
ZMYM2	0.001754832	0.561931305	0.397	0.236	1	ILC3	ZMYM2
SUV420H1	0.001781134	0.490760367	0.353	0.205	1	ILC3	SUV420H1

BEX41	0.001848309	0.59139153	0.324	0.175	1	ILC3	BEX4
IFNAR1	0.001888284	0.453392708	0.353	0.202	1	ILC3	IFNAR1
TUG1	0.002041853	0.326521416	0.294	0.158	1	ILC3	TUG1
MRPL18	0.002228821	0.338997843	0.397	0.245	1	ILC3	MRPL18
CD164	0.00223293	0.360334873	0.765	0.682	1	ILC3	CD164
RAP1GDS11	0.002254376	0.643338056	0.515	0.375	1	ILC3	RAP1GDS1
ITM2B	0.002315048	0.33425739	0.809	0.808	1	ILC3	ITM2B
PTGDR2	0.002323339	0.308076705	0.5	0.332	1	ILC3	PTGDR
TTC19	0.002477648	0.360078939	0.515	0.346	1	ILC3	TTC19
RPS91	0.002486613	0.30399087	0.824	0.719	1	ILC3	RPS9
CELF21	0.002515169	0.340595379	0.882	0.778	1	ILC3	CELF2
ATP10D	0.00258021	0.475231906	0.265	0.142	1	ILC3	ATP10D
BCL62	0.002665286	0.369238671	0.368	0.215	1	ILC3	BCL6
SKAP2	0.002697435	0.312612982	0.426	0.265	1	ILC3	SKAP2
XPA	0.002770684	0.308917767	0.382	0.229	1	ILC3	XPA
ZNF638	0.002781597	0.494442391	0.618	0.451	1	ILC3	ZNF638
JUN1	0.002879143	0.776990749	0.574	0.456	1	ILC3	JUN
PKN2	0.002880969	0.472497298	0.382	0.246	1	ILC3	PKN2
KDM1A	0.00288171	0.3445879	0.279	0.154	1	ILC3	KDM1A
KDM5B	0.002883258	0.358130866	0.456	0.293	1	ILC3	KDM5B
N4BP2L21	0.003069018	0.343691332	0.779	0.6	1	ILC3	N4BP2L2
MUM1	0.003232472	0.266374123	0.324	0.184	1	ILC3	MUM1
PIM2	0.003248151	0.290768037	0.5	0.333	1	ILC3	PIM2
SREK1	0.003283354	0.259421076	0.559	0.376	1	ILC3	SREK1
PCNXL4	0.003325129	0.362061564	0.338	0.202	1	ILC3	PCNXL4
BDP1	0.003400245	0.41868105	0.485	0.353	1	ILC3	BDP1
INIP	0.003469006	0.540221128	0.279	0.153	1	ILC3	INIP
INPP4A	0.003489773	0.353891148	0.426	0.272	1	ILC3	INPP4A
REEP5	0.003799152	0.297441709	0.618	0.454	1	ILC3	REEP5
TESPA1	0.00388628	0.265308843	0.279	0.15	1	ILC3	TESPA1
IVD	0.004048994	0.317497741	0.324	0.184	1	ILC3	IVD

ITM2C	0.004147832	0.394398714	0.5	0.354	1	ILC3	ITM2C
HIPK1	0.004202373	0.41241805	0.544	0.419	1	ILC3	HIPK1
TRPM7	0.004261168	0.40285129	0.382	0.241	1	ILC3	TRPM7
C1QBP	0.004286032	0.301743229	0.441	0.296	1	ILC3	C1QBP
LRPPRC	0.004312665	0.460349953	0.397	0.243	1	ILC3	LRPPRC
RNF1301	0.004460789	0.398837629	0.338	0.199	1	ILC3	RNF130
RPL51	0.004524112	0.330497272	0.956	0.895	1	ILC3	RPL5
SLC25A451	0.004532719	0.336386867	0.412	0.271	1	ILC3	SLC25A45
AGO3	0.004813353	0.445492503	0.397	0.256	1	ILC3	AGO3
GTF2I	0.004956627	0.272144847	0.426	0.286	1	ILC3	GTF2I
DCUN1D1	0.004962547	0.377641527	0.426	0.274	1	ILC3	DCUN1D1
ZNF652	0.005133401	0.397397456	0.368	0.238	1	ILC3	ZNF652
ZFX	0.005135219	0.755556067	0.382	0.254	1	ILC3	ZFX
SPOCK2	0.005361462	0.365485026	0.471	0.306	1	ILC3	SPOCK2
TBC1D31	0.005408003	0.33835726	0.368	0.239	1	ILC3	TBC1D31
IFNAR2	0.005423065	0.292280197	0.279	0.161	1	ILC3	IFNAR2
CAMK2G	0.005496994	0.614157567	0.265	0.154	1	ILC3	CAMK2G
TSPYL1	0.005520511	0.639515664	0.559	0.446	1	ILC3	TSPYL1
FIP1L1	0.00569804	0.264988716	0.412	0.256	1	ILC3	FIP1L1
AHI11	0.005983226	0.299065602	0.382	0.252	1	ILC3	AHI1
TXNIP3	0.006035192	0.250503694	0.912	0.854	1	ILC3	TXNIP
REPS1	0.006187724	0.364126327	0.279	0.159	1	ILC3	REPS1
DDX3X1	0.006312249	0.365573924	0.765	0.579	1	ILC3	DDX3X
CBLL1	0.006655639	0.548028298	0.338	0.208	1	ILC3	CBLL1
FAM63B	0.00670504	0.555586298	0.338	0.213	1	ILC3	FAM63B
PDE3B	0.007552519	0.668728587	0.279	0.163	1	ILC3	PDE3B
ACBD6	0.007622636	0.360187765	0.265	0.149	1	ILC3	ACBD6
PPIP5K2	0.007661002	0.279259391	0.309	0.185	1	ILC3	PPIP5K2
CLNS1A	0.007775053	0.264033883	0.368	0.22	1	ILC3	CLNS1A
RPSA1	0.007892453	0.303380766	0.735	0.678	1	ILC3	RPSA
PSIP1	0.00801719	0.271406036	0.544	0.406	1	ILC3	PSIP1



TNRC6A	0.008171717	0.416206324	0.338	0.211	1	ILC3	TNRC6A
HMG20A	0.008270406	0.424920589	0.294	0.175	1	ILC3	HMG20A
STRN3	0.008609356	0.439835003	0.397	0.273	1	ILC3	STRN3
RP11-427H3.3	0.009456181	0.305697492	0.279	0.165	1	ILC3	RP11-427H3.3
UBASH3B	0.009508383	0.266465269	0.294	0.177	1	ILC3	UBASH3B
HNRNPAB	0.009703045	0.33878914	0.485	0.352	1	ILC3	HNRNPAB
VPS41	0.00995925	0.653069128	0.294	0.189	1	ILC3	VPS41
ACP5	9.63E-141	1.693612915	0.931	0.191	2.25E-136	ieILC1	ACP5
CSF1	3.82E-136	1.627223435	0.849	0.137	8.91E-132	ieILC1	CSF1
GPR97	1.92E-105	1.763197739	0.894	0.27	4.48E-101	ieILC1	GPR97
GZMA	1.92E-102	1.660464583	0.996	0.691	4.49E-98	ieILC1	GZMA
GNLY	6.08E-102	1.361483048	1	0.967	1.42E-97	ieILC1	GNLY
LGALS3	1.90E-97	1.202694153	0.865	0.226	4.43E-93	ieILC1	LGALS3
ENTPD1	3.98E-93	1.380360593	0.82	0.206	9.30E-89	ieILC1	ENTPD1
AFAP1L2	4.28E-90	1.187269071	0.645	0.11	9.98E-86	ieILC1	AFAP1L2
ITGA1	2.94E-89	1.180924672	0.829	0.21	6.87E-85	ieILC1	ITGA1
CCL5	4.40E-87	1.128812784	0.996	0.78	1.03E-82	ieILC1	CCL5
NDFIP2	4.26E-81	1.108974553	0.641	0.122	9.95E-77	ieILC1	NDFIP2
CCL3	9.78E-78	1.454966557	0.849	0.291	2.28E-73	ieILC1	CCL3
ID3	1.67E-71	0.747138869	0.514	0.086	3.89E-67	ieILC1	ID3
GZMK	3.32E-71	1.194681141	0.767	0.243	7.75E-67	ieILC1	GZMK
CAPG	2.41E-64	1.126053243	0.873	0.387	5.63E-60	ieILC1	CAPG
ITGAE	1.32E-62	1.109484254	0.837	0.332	3.09E-58	ieILC1	ITGAE
CD82	2.46E-60	1.057665884	0.722	0.225	5.74E-56	ieILC1	CD82
GAPDH	6.28E-60	0.988439811	0.992	0.869	1.46E-55	ieILC1	GAPDH
WARS	1.56E-59	0.939471546	0.857	0.344	3.65E-55	ieILC1	WARS
TNFRSF181	4.20E-57	0.943585025	0.89	0.417	9.81E-53	ieILC1	TNFRSF18
ITM2C1	2.51E-56	0.809180224	0.792	0.287	5.86E-52	ieILC1	ITM2C
GEM	5.61E-56	0.925050627	0.486	0.097	1.31E-51	ieILC1	GEM
GZMB1	6.28E-56	1.079668627	1	0.869	1.46E-51	ieILC1	GZMB
HAVCR2	3.53E-54	0.991581784	0.906	0.419	8.24E-50	ieILC1	HAVCR2

CCL4L1	7.08E-54	0.806314802	0.576	0.154	1.65E-49	ieILC1	CCL4L1
GPR34	3.92E-53	0.84216746	0.429	0.076	9.16E-49	ieILC1	GPR34
KIR2DL4	9.45E-53	0.82976503	0.898	0.393	2.20E-48	ieILC1	KIR2DL4
KLRC11	4.47E-50	0.864225688	0.959	0.595	1.04E-45	ieILC1	KLRC1
FCER1G	1.29E-49	0.854015663	0.955	0.715	3.01E-45	ieILC1	FCER1G
CXCR6	5.68E-49	1.286224698	0.567	0.163	1.32E-44	ieILC1	CXCR6
RAB27A	8.30E-49	0.832004797	0.837	0.371	1.94E-44	ieILC1	RAB27A
CTSA	3.01E-48	1.105739855	0.833	0.406	7.02E-44	ieILC1	CTSA
CCND2	8.17E-48	0.922855449	0.89	0.467	1.91E-43	ieILC1	CCND2
PRF1	1.54E-47	0.826747656	1	0.897	3.58E-43	ieILC1	PRF1
CTD-228808.1	1.60E-47	0.461438013	0.318	0.043	3.72E-43	ieILC1	CTD-228808.1
CD7	2.24E-47	0.447750594	0.922	0.613	5.23E-43	ieILC1	CD7
SLC16A3	2.26E-47	0.783255195	0.665	0.233	5.28E-43	ieILC1	SLC16A3
HLA-C1	2.92E-47	0.765138452	1	0.988	6.82E-43	ieILC1	HLA-C
CKLF	4.90E-47	0.458737673	0.902	0.461	1.14E-42	ieILC1	CKLF
PLAU	3.11E-45	1.091950308	0.265	0.029	7.26E-41	ieILC1	PLAU
DRAXIN	9.38E-45	0.550294248	0.384	0.072	2.19E-40	ieILC1	DRAXIN
KRT861	1.24E-44	0.938951691	0.58	0.181	2.89E-40	ieILC1	KRT86
LGALS1	3.02E-44	0.768861011	0.853	0.412	7.06E-40	ieILC1	LGALS1
ALOX5AP1	1.67E-43	0.795405283	0.931	0.53	3.90E-39	ieILC1	ALOX5AP
CCR1	2.85E-43	0.744844232	0.576	0.172	6.64E-39	ieILC1	CCR1
SLC3A2	9.15E-43	0.848670781	0.816	0.371	2.13E-38	ieILC1	SLC3A2
TNIP3	6.64E-42	0.588779058	0.412	0.091	1.55E-37	ieILC1	TNIP3
ANXA2	2.23E-41	0.771947049	0.906	0.482	5.20E-37	ieILC1	ANXA2
ACTB	2.83E-40	0.62702824	1	0.999	6.61E-36	ieILC1	ACTB
PGD	3.33E-40	0.8055843	0.514	0.147	7.77E-36	ieILC1	PGD
CTSW	4.55E-39	0.689171414	0.976	0.93	1.06E-34	ieILC1	CTSW
STIP1	9.37E-39	0.681291088	0.706	0.272	2.19E-34	ieILC1	STIP1
ADAM19	1.48E-38	0.506379842	0.518	0.15	3.46E-34	ieILC1	ADAM19
TPI1	2.84E-38	0.803235377	0.931	0.691	6.62E-34	ieILC1	TPI1
KRT811	5.46E-38	0.819904721	0.465	0.133	1.27E-33	ieILC1	KRT81

FAM3C	9.98E-38	0.551792256	0.62	0.216	2.33E-33	ieILC1	FAM3C
IKZF31	1.56E-37	0.570888347	0.829	0.38	3.65E-33	ieILC1	IKZF3
PGK1	3.20E-36	0.838183267	0.906	0.615	7.46E-32	ieILC1	PGK1
CTSD	7.35E-36	0.66044742	0.931	0.615	1.72E-31	ieILC1	CTSD
FES	1.01E-35	0.696387379	0.608	0.225	2.37E-31	ieILC1	FES
SAMSN11	1.08E-35	0.415013254	0.894	0.435	2.51E-31	ieILC1	SAMSN1
KLRC21	1.16E-35	0.615807491	0.873	0.486	2.71E-31	ieILC1	KLRC2
LSP1	7.09E-35	0.699538776	0.976	0.794	1.66E-30	ieILC1	LSP1
GPR25	7.59E-34	0.277900564	0.327	0.068	1.77E-29	ieILC1	GPR25
ENO1	8.03E-34	0.757788563	0.951	0.703	1.87E-29	ieILC1	ENO1
AC092580.4	4.78E-33	0.31039429	0.857	0.455	1.11E-28	ieILC1	AC092580.4
TMSB4X	5.28E-33	0.359577068	1	1	1.23E-28	ieILC1	TMSB4X
PDLIM7	7.31E-33	0.459142009	0.355	0.087	1.71E-28	ieILC1	PDLIM7
GBP21	9.34E-33	0.652028163	0.837	0.441	2.18E-28	ieILC1	GBP2
RP11-405F3.4	2.63E-32	0.347882751	0.31	0.066	6.14E-28	ieILC1	RP11-405F3.4
LDHA1	2.94E-32	0.714906848	0.963	0.771	6.86E-28	ieILC1	LDHA
SRGAP31	3.32E-32	0.445489348	0.661	0.268	7.76E-28	ieILC1	SRGAP3
TMSB4XP8	4.53E-32	0.261733273	1	0.997	1.06E-27	ieILC1	TMSB4XP8
SURF4	5.16E-32	0.492787158	0.682	0.3	1.20E-27	ieILC1	SURF4
CCL3L1	9.34E-32	0.298763507	0.38	0.096	2.18E-27	ieILC1	CCL3L1
DBN1	1.09E-31	0.518498896	0.265	0.049	2.55E-27	ieILC1	DBN1
HSPA6	5.50E-31	1.655607988	0.412	0.123	1.28E-26	ieILC1	HSPA6
ACTG1	5.88E-31	0.62463168	0.98	0.862	1.37E-26	ieILC1	ACTG1
PKM	9.20E-31	0.632089695	0.841	0.491	2.15E-26	ieILC1	PKM
DNPH1	2.30E-29	0.284058821	0.502	0.175	5.36E-25	ieILC1	DNPH1
P4HA1	2.57E-29	0.464853966	0.412	0.125	6.00E-25	ieILC1	P4HA1
DPF3	5.51E-29	0.270025275	0.331	0.082	1.29E-24	ieILC1	DPF3
ALDOA	7.59E-29	0.648523981	0.927	0.711	1.77E-24	ieILC1	ALDOA
CNN2	1.83E-28	0.526130012	0.804	0.424	4.27E-24	ieILC1	CNN2
TIAM1	2.26E-28	0.482258084	0.527	0.193	5.27E-24	ieILC1	TIAM1
MZB1	8.04E-28	0.477497227	0.278	0.061	1.88E-23	ieILC1	MZB1

FURIN	1.14E-27	0.485070298	0.543	0.218	2.65E-23	ieILC1	FURIN
PHYKPL1	1.79E-27	0.69640523	0.747	0.396	4.17E-23	ieILC1	PHYKPL
TYMP1	2.67E-27	0.308220453	0.6	0.241	6.22E-23	ieILC1	TYMP
ECE1	2.67E-27	0.551390772	0.498	0.19	6.24E-23	ieILC1	ECE1
CD63	3.56E-27	0.53712536	0.951	0.777	8.30E-23	ieILC1	CD63
TMIGD21	9.46E-27	0.444366314	0.653	0.297	2.21E-22	ieILC1	TMIGD2
GCNT1	1.06E-26	0.570228147	0.453	0.161	2.47E-22	ieILC1	GCNT1
RAC2	1.18E-26	0.504816558	0.984	0.796	2.76E-22	ieILC1	RAC2
TM6SF1	1.37E-26	0.562148044	0.359	0.104	3.19E-22	ieILC1	TM6SF1
MIAT1	1.51E-26	0.379161588	0.571	0.234	3.53E-22	ieILC1	MIAT
WIPF3	2.51E-26	0.375701463	0.437	0.145	5.86E-22	ieILC1	WIPF3
TRAF5	2.66E-26	0.49669612	0.718	0.363	6.21E-22	ieILC1	TRAF5
PLA2G16	3.78E-26	0.413346634	0.576	0.242	8.81E-22	ieILC1	PLA2G16
RAB3GAP1	6.18E-26	0.614808111	0.559	0.247	1.44E-21	ieILC1	RAB3GAP1
CD247	6.65E-26	0.58218129	0.935	0.7	1.55E-21	ieILC1	CD247
IL2RB	9.08E-26	0.549496612	0.959	0.739	2.12E-21	ieILC1	IL2RB
IFNG1	9.58E-26	0.444324889	0.535	0.215	2.24E-21	ieILC1	IFNG
OXNAD1	1.07E-25	0.368868285	0.678	0.317	2.51E-21	ieILC1	OXNAD1
TBCD1	1.28E-25	0.61812379	0.653	0.311	2.98E-21	ieILC1	TBCD
CISH	1.60E-25	0.767184716	0.302	0.079	3.74E-21	ieILC1	CISH
IGHV1OR15-1	3.17E-25	0.263723725	0.482	0.178	7.40E-21	ieILC1	IGHV1OR15-1
PRDX3	3.49E-25	0.463119606	0.665	0.305	8.15E-21	ieILC1	PRDX3
ITM2A	3.91E-25	0.468847591	0.776	0.381	9.13E-21	ieILC1	ITM2A
ATP8B4	5.86E-25	0.436114405	0.702	0.355	1.37E-20	ieILC1	ATP8B4
SYNGR2	6.09E-25	0.477010848	0.702	0.348	1.42E-20	ieILC1	SYNGR2
RHOC	6.83E-25	0.478913399	0.759	0.442	1.59E-20	ieILC1	RHOC
TRDC	9.99E-25	0.484156411	0.976	0.78	2.33E-20	ieILC1	TRDC
GPR82	1.15E-24	0.60844147	0.355	0.108	2.67E-20	ieILC1	GPR82
SLC27A2	5.07E-24	0.366427737	0.343	0.098	1.18E-19	ieILC1	SLC27A2
CHI3L2	7.79E-24	0.766611827	0.318	0.091	1.82E-19	ieILC1	CHI3L2
AKAP5	8.77E-24	0.37914383	0.4	0.136	2.05E-19	ieILC1	AKAP5

MAD2L2	1.10E-23	0.489218755	0.592	0.257	2.56E-19	ieILC1	MAD2L2
CDK6	1.88E-23	0.332745894	0.539	0.225	4.40E-19	ieILC1	CDK6
DAPK2	2.02E-23	0.400739327	0.278	0.071	4.72E-19	ieILC1	DAPK2
IRF8	3.16E-23	0.374055545	0.62	0.284	7.37E-19	ieILC1	IRF8
OAZ1	3.88E-23	0.385209881	0.988	0.867	9.04E-19	ieILC1	OAZ1
GPI	6.09E-23	0.461295457	0.645	0.321	1.42E-18	ieILC1	GPI
PRELID1	7.02E-23	0.3633841	0.833	0.473	1.64E-18	ieILC1	PRELID1
GALNT2	7.36E-23	0.351708307	0.547	0.239	1.72E-18	ieILC1	GALNT2
CLDND1	7.37E-23	0.476559791	0.865	0.563	1.72E-18	ieILC1	CLDND1
CD48	8.69E-23	0.463836572	0.722	0.378	2.03E-18	ieILC1	CD48
SH3BGRL3	9.09E-23	0.408157255	1	0.922	2.12E-18	ieILC1	SH3BGRL3
APOBEC3G1	1.08E-22	0.539545312	0.931	0.682	2.52E-18	ieILC1	APOBEC3G
GSTO1	1.15E-22	0.37928888	0.633	0.291	2.68E-18	ieILC1	GSTO1
KDM5B1	1.57E-22	0.346178009	0.571	0.253	3.67E-18	ieILC1	KDM5B
HNRNPLL	2.75E-22	0.384751566	0.38	0.127	6.41E-18	ieILC1	HNRNPLL
STARD3NL	2.82E-22	0.530218962	0.706	0.373	6.57E-18	ieILC1	STARD3NL
IVNS1ABP1	5.99E-22	0.619205547	0.812	0.506	1.40E-17	ieILC1	IVNS1ABP
UBE2F	7.26E-22	0.398095374	0.592	0.287	1.69E-17	ieILC1	UBE2F
HSPB11	7.86E-22	0.3829087	0.461	0.196	1.83E-17	ieILC1	HSPB1
FAM118A	9.64E-22	0.421391637	0.392	0.142	2.25E-17	ieILC1	FAM118A
FAM126A	9.82E-22	0.441154257	0.416	0.154	2.29E-17	ieILC1	FAM126A
LAT2	1.07E-21	0.442779698	0.665	0.34	2.49E-17	ieILC1	LAT2
RALA	2.08E-21	0.410841177	0.551	0.255	4.85E-17	ieILC1	RALA
HCST	2.80E-21	0.361554928	0.959	0.788	6.53E-17	ieILC1	HCST
PFN11	2.92E-21	0.322471004	1	0.983	6.81E-17	ieILC1	PFN1
RP11-94L15.21	3.23E-21	0.279961374	0.792	0.433	7.53E-17	ieILC1	RP11-94L15.2
ACTR3	3.64E-21	0.533658689	0.914	0.62	8.49E-17	ieILC1	ACTR3
ARID3B	4.01E-21	0.286813384	0.351	0.117	9.35E-17	ieILC1	ARID3B
APOL1	4.19E-21	0.464579221	0.437	0.173	9.77E-17	ieILC1	APOL1
CDKN2C	5.17E-21	0.362094694	0.282	0.08	1.21E-16	ieILC1	CDKN2C
SIRPG	8.19E-21	0.641574628	0.347	0.119	1.91E-16	ieILC1	SIRPG

HSPE1	1.03E-20	0.623769576	0.682	0.386	2.41E-16	ieILC1	HSPE1
CORO1C	1.60E-20	0.484830312	0.42	0.162	3.74E-16	ieILC1	CORO1C
HLA-DQB1	1.75E-20	0.589967872	0.486	0.204	4.09E-16	ieILC1	HLA-DQB1
SYNGR1	2.02E-20	0.34127175	0.404	0.149	4.71E-16	ieILC1	SYNGR1
S100A11	4.54E-20	0.347884533	0.902	0.61	1.06E-15	ieILC1	S100A11
TMED9	5.41E-20	0.431237374	0.624	0.312	1.26E-15	ieILC1	TMED9
ERO1L	6.07E-20	0.358387645	0.596	0.291	1.42E-15	ieILC1	ERO1L
TPM4	6.74E-20	0.631545735	0.759	0.495	1.57E-15	ieILC1	TPM4
CD58	8.01E-20	0.376637301	0.637	0.325	1.87E-15	ieILC1	CD58
GPR171	8.25E-20	0.467191429	0.469	0.2	1.93E-15	ieILC1	GPR171
C9orf89	8.64E-20	0.386100431	0.543	0.271	2.02E-15	ieILC1	C9orf89
PIM21	1.26E-19	0.449434837	0.584	0.298	2.94E-15	ieILC1	PIM2
EIF1AY	1.31E-19	0.361610491	0.384	0.145	3.06E-15	ieILC1	EIF1AY
ARHGAP18	1.67E-19	0.441230787	0.416	0.171	3.89E-15	ieILC1	ARHGAP18
TSPO	2.35E-19	0.37783149	0.718	0.411	5.48E-15	ieILC1	TSPO
COX5A	2.43E-19	0.364589268	0.759	0.417	5.68E-15	ieILC1	COX5A
FAM45A	3.01E-19	0.376682139	0.408	0.159	7.02E-15	ieILC1	FAM45A
COPZ1	3.27E-19	0.385584746	0.624	0.308	7.64E-15	ieILC1	COPZ1
APOBEC3D	3.92E-19	0.287186615	0.543	0.268	9.15E-15	ieILC1	APOBEC3D
MYL6	4.21E-19	0.346914856	0.992	0.949	9.82E-15	ieILC1	MYL6
RNF181	8.23E-19	0.282449775	0.657	0.344	1.92E-14	ieILC1	RNF181
HPRT1	1.87E-18	0.353201332	0.465	0.198	4.35E-14	ieILC1	HPRT1
TMEM154	2.27E-18	0.256936806	0.29	0.092	5.29E-14	ieILC1	TMEM154
GYG1	2.56E-18	0.650446087	0.49	0.234	5.98E-14	ieILC1	GYG1
IRF5	2.75E-18	0.269572117	0.343	0.125	6.42E-14	ieILC1	IRF5
AK2	3.23E-18	0.428914868	0.584	0.296	7.53E-14	ieILC1	AK2
DEGS1	3.56E-18	0.545289639	0.518	0.255	8.31E-14	ieILC1	DEGS1
PIM11	4.13E-18	0.34322594	0.759	0.433	9.65E-14	ieILC1	PIM1
PGAM1	5.26E-18	0.465329974	0.722	0.434	1.23E-13	ieILC1	PGAM1
GNPDA1	5.41E-18	0.459917041	0.253	0.074	1.26E-13	ieILC1	GNPDA1
CTSC	5.41E-18	0.43349712	0.82	0.522	1.26E-13	ieILC1	CTSC

HAPLN3	5.85E-18	0.588547899	0.38	0.152	1.37E-13	ieILC1	HAPLN3
ALDOC1	6.15E-18	0.394552472	0.31	0.104	1.44E-13	ieILC1	ALDOC
RHOA	8.04E-18	0.458670507	0.922	0.712	1.88E-13	ieILC1	RHOA
CCL42	8.65E-18	0.57324824	0.918	0.66	2.02E-13	ieILC1	CCL4
STK17B	1.25E-17	0.39830406	0.996	0.914	2.91E-13	ieILC1	STK17B
SLA21	1.33E-17	0.393850695	0.69	0.392	3.10E-13	ieILC1	SLA2
VMP11	1.41E-17	0.334814681	0.755	0.443	3.29E-13	ieILC1	VMP1
RGL4	1.58E-17	0.317151077	0.355	0.135	3.68E-13	ieILC1	RGL4
NAMPT1	1.59E-17	0.386216651	0.486	0.218	3.72E-13	ieILC1	NAMPT
MGAT1	2.25E-17	0.411193239	0.629	0.344	5.25E-13	ieILC1	MGAT1
CFL11	2.50E-17	0.291224837	1	0.986	5.84E-13	ieILC1	CFL1
ARHGEF31	2.70E-17	0.274616953	0.763	0.439	6.30E-13	ieILC1	ARHGEF3
PRDX5	3.38E-17	0.333178339	0.82	0.503	7.88E-13	ieILC1	PRDX5
GPRIN3	3.77E-17	0.304305629	0.571	0.287	8.80E-13	ieILC1	GPRIN3
CD244	4.71E-17	0.469425094	0.62	0.332	1.10E-12	ieILC1	CD244
CLNK	5.77E-17	0.420089468	0.335	0.127	1.35E-12	ieILC1	CLNK
TNFRSF1B1	6.80E-17	0.427837574	0.722	0.429	1.59E-12	ieILC1	TNFRSF1B
SLAMF71	7.06E-17	0.419864605	0.767	0.483	1.65E-12	ieILC1	SLAMF7
FKBP1A	8.16E-17	0.379273678	0.731	0.414	1.90E-12	ieILC1	FKBP1A
UQCRC1	8.17E-17	0.40475027	0.645	0.35	1.91E-12	ieILC1	UQCRC1
PSMA1	9.05E-17	0.257531777	0.722	0.437	2.11E-12	ieILC1	PSMA1
CD961	1.32E-16	0.399440196	0.902	0.675	3.08E-12	ieILC1	CD96
NKG71	1.56E-16	0.316642244	1	0.896	3.63E-12	ieILC1	NKG7
FLOT1	1.87E-16	0.465528002	0.661	0.38	4.36E-12	ieILC1	FLOT1
STAT31	3.00E-16	0.368027435	0.845	0.564	7.01E-12	ieILC1	STAT3
PELI11	4.09E-16	0.419736351	0.4	0.175	9.53E-12	ieILC1	PELI1
MCM6	4.47E-16	0.467111786	0.351	0.14	1.04E-11	ieILC1	MCM6
FARSA	4.91E-16	0.406687863	0.49	0.234	1.15E-11	ieILC1	FARSA
RARRES31	5.69E-16	0.389268252	0.849	0.543	1.33E-11	ieILC1	RARRES3
PFKP	6.00E-16	0.458032659	0.473	0.228	1.40E-11	ieILC1	PFKP
HLA-B1	7.17E-16	0.292109502	1	0.99	1.67E-11	ieILC1	HLA-B

TFRC	8.41E-16	0.311550233	0.527	0.26	1.96E-11	ieILC1	TFRC
SLC35F6	8.42E-16	0.267541385	0.535	0.277	1.96E-11	ieILC1	SLC35F6
HK1	9.36E-16	0.355741796	0.506	0.248	2.18E-11	ieILC1	HK1
MTHFD21	1.08E-15	0.376908735	0.437	0.199	2.52E-11	ieILC1	MTHFD2
COPE	1.14E-15	0.271542208	0.894	0.6	2.66E-11	ieILC1	COPE
APOBEC3C1	1.35E-15	0.356664449	0.967	0.791	3.14E-11	ieILC1	APOBEC3C
HSPD11	1.43E-15	0.694762788	0.629	0.369	3.34E-11	ieILC1	HSPD1
ECHDC2	1.47E-15	0.374249968	0.376	0.163	3.44E-11	ieILC1	ECHDC2
ARPC1B	1.83E-15	0.387424485	0.886	0.689	4.28E-11	ieILC1	ARPC1B
SNRPB	2.11E-15	0.297953957	0.845	0.563	4.93E-11	ieILC1	SNRPB
HPGD	2.19E-15	0.426761614	0.314	0.121	5.10E-11	ieILC1	HPGD
CALCOCO2	2.23E-15	0.395087638	0.669	0.387	5.20E-11	ieILC1	CALCOCO2
PSME2	2.87E-15	0.345265894	0.947	0.708	6.70E-11	ieILC1	PSME2
FUCA1	3.37E-15	0.591923553	0.298	0.113	7.87E-11	ieILC1	FUCA1
ATP5B	3.55E-15	0.433020986	0.894	0.704	8.29E-11	ieILC1	ATP5B
TIGIT1	3.78E-15	0.489745031	0.473	0.232	8.82E-11	ieILC1	TIGIT
ZBTB16	4.11E-15	0.385024294	0.584	0.323	9.58E-11	ieILC1	ZBTB16
C10orf128	4.54E-15	0.34488322	0.253	0.083	1.06E-10	ieILC1	C10orf128
PELO	4.75E-15	0.376953753	0.298	0.11	1.11E-10	ieILC1	PELO
MPG1	4.89E-15	0.267862547	0.535	0.28	1.14E-10	ieILC1	MPG
ACAA2	6.97E-15	0.471038136	0.559	0.303	1.63E-10	ieILC1	ACAA2
BATF	8.48E-15	0.366341239	0.437	0.207	1.98E-10	ieILC1	BATF
SQRDL	8.54E-15	0.354935096	0.449	0.216	1.99E-10	ieILC1	SQRDL
SUSD3	1.85E-14	0.291726914	0.265	0.093	4.33E-10	ieILC1	SUSD3
PTP4A11	3.20E-14	0.341126335	0.604	0.333	7.46E-10	ieILC1	PTP4A1
PSMB3	3.23E-14	0.29920738	0.82	0.535	7.55E-10	ieILC1	PSMB3
SSH1	3.27E-14	0.287237714	0.351	0.151	7.63E-10	ieILC1	SSH1
SERF2	3.33E-14	0.282757469	0.988	0.959	7.77E-10	ieILC1	SERF2
EHD1	4.36E-14	0.438606947	0.571	0.333	1.02E-09	ieILC1	EHD1
ARPC3	4.56E-14	0.297036371	0.927	0.718	1.06E-09	ieILC1	ARPC3
CHMP6	5.25E-14	0.284286768	0.327	0.134	1.23E-09	ieILC1	CHMP6



CEP250	6.79E-14	0.265251279	0.347	0.147	1.58E-09	ieILC1	CEP250
ITGB7	7.00E-14	0.453275095	0.58	0.347	1.63E-09	ieILC1	ITGB7
GALE	7.32E-14	0.372925689	0.257	0.092	1.71E-09	ieILC1	GALE
VDAC1	7.93E-14	0.302882415	0.559	0.295	1.85E-09	ieILC1	VDAC1
UBC1	1.36E-13	0.484795145	0.992	0.944	3.16E-09	ieILC1	UBC
CYSTM1	1.39E-13	0.294812728	0.261	0.097	3.24E-09	ieILC1	CYSTM1
ABI31	1.40E-13	0.396252548	0.616	0.371	3.28E-09	ieILC1	ABI3
HSPH11	1.77E-13	0.782708464	0.518	0.291	4.12E-09	ieILC1	HSPH1
RBPJ1	2.39E-13	0.290663251	0.665	0.392	5.59E-09	ieILC1	RBPJ
ACOT7	2.59E-13	0.332558312	0.331	0.138	6.05E-09	ieILC1	ACOT7
PDIA3	2.70E-13	0.357021401	0.943	0.773	6.31E-09	ieILC1	PDIA3
FKBP4	3.20E-13	0.455723172	0.269	0.103	7.47E-09	ieILC1	FKBP4
PIK3AP11	3.22E-13	0.330348011	0.608	0.355	7.51E-09	ieILC1	PIK3AP1
BHLHE401	3.40E-13	0.384428162	0.743	0.474	7.93E-09	ieILC1	BHLHE40
PTPN7	3.51E-13	0.384381796	0.78	0.525	8.18E-09	ieILC1	PTPN7
OSTF1	3.85E-13	0.2977447	0.837	0.583	8.99E-09	ieILC1	OSTF1
CD59	4.14E-13	0.41447753	0.355	0.156	9.65E-09	ieILC1	CD59
SLC2A31	4.59E-13	0.370967171	0.853	0.592	1.07E-08	ieILC1	SLC2A3
ADAM8	4.74E-13	0.318637212	0.522	0.287	1.11E-08	ieILC1	ADAM8
TYROBP	6.04E-13	0.289229984	0.959	0.806	1.41E-08	ieILC1	TYROBP
HOPX	9.05E-13	0.320820646	0.89	0.636	2.11E-08	ieILC1	HOPX
C17orf62	1.12E-12	0.363046151	0.669	0.424	2.61E-08	ieILC1	C17orf62
GALM	1.38E-12	0.430939294	0.294	0.123	3.21E-08	ieILC1	GALM
C19orf10	1.43E-12	0.295407463	0.588	0.348	3.33E-08	ieILC1	C19orf10
DCXR	1.52E-12	0.303236785	0.478	0.255	3.55E-08	ieILC1	DCXR
MDM2	1.85E-12	0.278460614	0.539	0.296	4.31E-08	ieILC1	MDM2
CCT4	2.11E-12	0.265046789	0.543	0.302	4.92E-08	ieILC1	CCT4
GSTP1	2.15E-12	0.298846525	0.894	0.667	5.03E-08	ieILC1	GSTP1
HSPA4	2.47E-12	0.269375252	0.457	0.24	5.77E-08	ieILC1	HSPA4
ABCF1	3.45E-12	0.256918031	0.449	0.239	8.05E-08	ieILC1	ABCF1
CHORDC11	4.09E-12	0.328151285	0.469	0.252	9.55E-08	ieILC1	CHORDC1

PSMD13	4.48E-12	0.337369769	0.612	0.362	1.05E-07	ieILC1	PSMD13
LIMS1	4.91E-12	0.314298272	0.359	0.171	1.15E-07	ieILC1	LIMS1
CACYBP	5.73E-12	0.438451756	0.62	0.375	1.34E-07	ieILC1	CACYBP
OIP5-AS1	8.21E-12	0.256430915	0.547	0.306	1.92E-07	ieILC1	OIP5-AS1
FERMT3	8.27E-12	0.390201391	0.592	0.369	1.93E-07	ieILC1	FERMT3
LGALS8	8.31E-12	0.35184991	0.408	0.209	1.94E-07	ieILC1	LGALS8
GHITM	9.12E-12	0.257785392	0.812	0.529	2.13E-07	ieILC1	GHITM
PTPN6	9.75E-12	0.377990594	0.645	0.399	2.28E-07	ieILC1	PTPN6
CD38	9.87E-12	0.341812726	0.506	0.293	2.30E-07	ieILC1	CD38
HSP90AA11	1.13E-11	0.767287799	0.955	0.86	2.63E-07	ieILC1	HSP90AA1
CSRP1	1.14E-11	0.387938663	0.318	0.143	2.66E-07	ieILC1	CSRP1
SP1401	1.26E-11	0.294955071	0.531	0.297	2.93E-07	ieILC1	SP140
GPN1	1.61E-11	0.358605337	0.38	0.188	3.76E-07	ieILC1	GPN1
RGS21	1.79E-11	0.481847063	0.461	0.25	4.18E-07	ieILC1	RGS2
SASH3	1.83E-11	0.308872596	0.751	0.497	4.26E-07	ieILC1	SASH3
ACTN4	2.08E-11	0.251840812	0.682	0.454	4.84E-07	ieILC1	ACTN4
FASLG1	2.37E-11	0.295761113	0.518	0.287	5.52E-07	ieILC1	FASLG
PRNP	2.99E-11	0.264094158	0.576	0.332	6.98E-07	ieILC1	PRNP
UBE2A	3.32E-11	0.250480856	0.478	0.259	7.75E-07	ieILC1	UBE2A
CD443	3.33E-11	0.354125365	0.927	0.767	7.77E-07	ieILC1	CD44
SQSTM11	3.42E-11	0.429118928	0.714	0.492	7.99E-07	ieILC1	SQSTM1
YARS	3.64E-11	0.317078703	0.608	0.37	8.50E-07	ieILC1	YARS
SLC7A51	4.31E-11	0.255013278	0.441	0.233	1.01E-06	ieILC1	SLC7A5
IFNGR11	4.37E-11	0.33052808	0.576	0.344	1.02E-06	ieILC1	IFNGR1
PPA1	5.78E-11	0.353959696	0.384	0.194	1.35E-06	ieILC1	PPA1
SPOCK21	6.02E-11	0.346817893	0.486	0.283	1.40E-06	ieILC1	SPOCK2
SELPLG1	6.83E-11	0.268860198	0.898	0.729	1.59E-06	ieILC1	SELPLG
IDH21	8.75E-11	0.328149454	0.657	0.421	2.04E-06	ieILC1	IDH2
SYTL2	1.06E-10	0.254722163	0.596	0.372	2.46E-06	ieILC1	SYTL2
WDR1	1.38E-10	0.298838234	0.763	0.53	3.21E-06	ieILC1	WDR1
G3BP2	1.43E-10	0.250840782	0.62	0.393	3.35E-06	ieILC1	G3BP2

CAPZA1	1.57E-10	0.280337701	0.976	0.849	3.67E-06	ieILC1	CAPZA1
CYTH4	1.64E-10	0.321728289	0.576	0.355	3.84E-06	ieILC1	CYTH4
NEDD9	2.08E-10	0.256739797	0.457	0.257	4.85E-06	ieILC1	NEDD9
RFC2	2.23E-10	0.36816815	0.31	0.148	5.21E-06	ieILC1	RFC2
WIPI1	2.24E-10	0.312702597	0.327	0.158	5.22E-06	ieILC1	WIPI1
SLC25A39	2.73E-10	0.347585562	0.506	0.303	6.38E-06	ieILC1	SLC25A39
SEC24D	3.06E-10	0.259480457	0.261	0.113	7.14E-06	ieILC1	SEC24D
MDH2	4.45E-10	0.253934119	0.58	0.353	1.04E-05	ieILC1	MDH2
PPP1R15A2	4.80E-10	0.546362406	0.661	0.428	1.12E-05	ieILC1	PPP1R15A
ZBTB431	6.65E-10	0.306581718	0.359	0.188	1.55E-05	ieILC1	ZBTB43
ARF1	8.17E-10	0.305891471	0.845	0.696	1.91E-05	ieILC1	ARF1
GIMAP51	1.04E-09	0.273206063	0.62	0.401	2.42E-05	ieILC1	GIMAP5
DCPS	1.18E-09	0.389261049	0.257	0.118	2.75E-05	ieILC1	DCPS
C1orf43	1.21E-09	0.347673062	0.478	0.291	2.81E-05	ieILC1	C1orf43
SNX17	1.28E-09	0.292265365	0.518	0.309	2.99E-05	ieILC1	SNX17
CD971	2.21E-09	0.393074313	0.882	0.711	5.15E-05	ieILC1	CD97
HLA-DRA1	2.44E-09	0.303317659	0.547	0.334	5.70E-05	ieILC1	HLA-DRA
SAT11	2.67E-09	0.290069976	0.8	0.57	6.22E-05	ieILC1	SAT1
OASL2	3.81E-09	0.279436495	0.527	0.321	8.89E-05	ieILC1	OASL
LIMK2	4.92E-09	0.252518737	0.257	0.12	0.000114808	ieILC1	LIMK2
FAS1	5.11E-09	0.257408086	0.278	0.13	0.000119208	ieILC1	FAS
LAP31	7.52E-09	0.252311055	0.498	0.296	0.000175579	ieILC1	LAP3
ATP5A1	1.09E-08	0.277838306	0.82	0.626	0.000254313	ieILC1	ATP5A1
SDCBP1	1.21E-08	0.280696064	0.637	0.43	0.000282857	ieILC1	SDCBP
BAK1	2.95E-08	0.311774724	0.294	0.154	0.00068787	ieILC1	BAK1
RBCK11	2.98E-08	0.257921386	0.473	0.289	0.000695877	ieILC1	RBCK1
PUF60	3.87E-08	0.275537618	0.563	0.371	0.00090366	ieILC1	PUF60
PDIA6	3.87E-08	0.335356878	0.633	0.44	0.000904096	ieILC1	PDIA6
AHSA1	3.89E-08	0.253129339	0.461	0.289	0.00090761	ieILC1	AHSA1
SMIM12	4.03E-08	0.265582187	0.376	0.213	0.000941404	ieILC1	SMIM12
DCTD	4.37E-08	0.287237212	0.367	0.21	0.001020007	ieILC1	DCTD

SLC2A1	4.57E-08	0.307469022	0.355	0.201	0.00106707	ieILC1	SLC2A1
ATP6V1B2	4.63E-08	0.334335362	0.31	0.167	0.001081004	ieILC1	ATP6V1B2
EIF3I	4.67E-08	0.327541264	0.551	0.371	0.001090036	ieILC1	EIF3I
TNFSF14	5.31E-08	0.444570965	0.363	0.205	0.001237946	ieILC1	TNFSF14
UBE2N	5.98E-08	0.264890201	0.6	0.389	0.001395735	ieILC1	UBE2N
PLEKHB2	9.40E-08	0.305659848	0.461	0.292	0.002193814	ieILC1	PLEKHB2
SCAMP2	2.29E-07	0.279263342	0.482	0.311	0.00534627	ieILC1	SCAMP2
HSP90AB11	3.34E-07	0.418166388	0.873	0.704	0.007781615	ieILC1	HSP90AB1
PIGT	5.23E-07	0.30076497	0.445	0.289	0.012203567	ieILC1	PIGT
TUFM	5.52E-07	0.317478654	0.494	0.34	0.012872621	ieILC1	TUFM
CD521	9.51E-07	0.258285295	0.878	0.724	0.02218184	ieILC1	CD52
RNH1	1.19E-05	0.292541002	0.396	0.261	0.278493121	ieILC1	RNH1
GNL2	1.61E-05	0.28692207	0.294	0.178	0.376582083	ieILC1	GNL2
CD74	2.98E-05	0.284118345	0.98	0.928	0.695851822	ieILC1	CD74
PEF1	3.20E-05	0.254371146	0.286	0.175	0.745645331	ieILC1	PEF1
ICAM11	3.71E-05	0.302353616	0.261	0.159	0.865424309	ieILC1	ICAM1
MCM5	5.68E-05	0.288899117	0.282	0.172	1	ieILC1	MCM5
COMMD10	8.14E-05	0.272030091	0.261	0.161	1	ieILC1	COMMD10
DNAJB11	8.85E-05	1.10587764	0.58	0.481	1	ieILC1	DNAJB1
TOP2A	1.19E-238	1.993665662	0.788	0.013	2.77E-234	ieILC1 cycling	TOP2A
UBE2C	8.18E-223	1.776815107	0.697	0.007	1.91E-218	ieILC1 cycling	UBE2C
AURKB	2.88E-219	1.451284463	0.682	0.006	6.73E-215	ieILC1 cycling	AURKB
CKAP2L	2.05E-213	1.232403585	0.629	0.003	4.77E-209	ieILC1 cycling	CKAP2L
MKI67	1.11E-211	2.463234969	0.955	0.054	2.59E-207	ieILC1 cycling	MKI67
ASPM	1.15E-207	1.703962089	0.712	0.014	2.68E-203	ieILC1 cycling	ASPM
KIF2C	7.87E-207	1.208552869	0.674	0.009	1.84E-202	ieILC1 cycling	KIF2C
ZWINT	3.10E-204	1.600646173	0.705	0.014	7.22E-200	ieILC1 cycling	ZWINT
CDK1	6.85E-202	1.350673254	0.667	0.01	1.60E-197	ieILC1 cycling	CDK1
RRM2	3.09E-201	2.259930633	0.72	0.017	7.21E-197	ieILC1 cycling	RRM2
GTSE1	1.68E-199	0.762576528	0.614	0.005	3.91E-195	ieILC1 cycling	GTSE1
BIRC5	6.82E-199	0.758269278	0.667	0.011	1.59E-194	ieILC1 cycling	BIRC5

CCNA2	1.18E-194	1.460196094	0.667	0.012	2.75E-190	ieILC1 cycling	CCNA2
TK1	8.67E-194	1.727696304	0.735	0.022	2.02E-189	ieILC1 cycling	TK1
KIAA0101	7.59E-192	1.119785687	0.773	0.028	1.77E-187	ieILC1 cycling	KIAA0101
KIF4A	1.07E-189	0.966780442	0.598	0.006	2.50E-185	ieILC1 cycling	KIF4A
DLGAP5	2.44E-188	1.05788648	0.538	0.001	5.69E-184	ieILC1 cycling	DLGAP5
CDCA8	3.11E-184	1.152884008	0.614	0.009	7.25E-180	ieILC1 cycling	CDCA8
SPC24	8.99E-183	0.557101972	0.538	0.002	2.10E-178	ieILC1 cycling	SPC24
TPX2	9.37E-182	1.3993786	0.72	0.024	2.19E-177	ieILC1 cycling	TPX2
NCAPG	1.02E-177	0.962839585	0.636	0.014	2.37E-173	ieILC1 cycling	NCAPG
CCNB2	2.00E-174	1.35300336	0.53	0.003	4.66E-170	ieILC1 cycling	CCNB2
NCAPH	3.40E-174	0.952530182	0.598	0.01	7.93E-170	ieILC1 cycling	NCAPH
SPC25	3.78E-172	0.520747245	0.515	0.003	8.82E-168	ieILC1 cycling	SPC25
CASC5	1.36E-171	1.420333173	0.712	0.028	3.18E-167	ieILC1 cycling	CASC5
NUSAP1	1.73E-171	1.56208529	0.833	0.051	4.03E-167	ieILC1 cycling	NUSAP1
TYMS	3.99E-171	1.159848402	0.841	0.053	9.31E-167	ieILC1 cycling	TYMS
ASF1B	8.93E-170	1.332509632	0.682	0.024	2.08E-165	ieILC1 cycling	ASF1B
CEP55	1.95E-169	0.846986143	0.523	0.004	4.54E-165	ieILC1 cycling	CEP55
POLQ	2.22E-169	0.897776659	0.523	0.004	5.17E-165	ieILC1 cycling	POLQ
NDC80	7.91E-168	1.206231	0.712	0.029	1.85E-163	ieILC1 cycling	NDC80
CENPE	2.20E-167	1.310008807	0.697	0.026	5.14E-163	ieILC1 cycling	CENPE
HJURP	1.50E-166	0.802632073	0.492	0.002	3.49E-162	ieILC1 cycling	HJURP
CDKN3	1.52E-166	1.216582722	0.621	0.016	3.55E-162	ieILC1 cycling	CDKN3
KIF11	2.10E-166	1.19371107	0.667	0.022	4.91E-162	ieILC1 cycling	KIF11
MLF1IP	2.57E-162	0.871794802	0.705	0.03	6.01E-158	ieILC1 cycling	MLF1IP
KIF15	1.00E-161	1.118593985	0.568	0.012	2.34E-157	ieILC1 cycling	KIF15
MELK	1.25E-160	0.884448196	0.538	0.008	2.92E-156	ieILC1 cycling	MELK
HMMR	2.24E-159	0.753715178	0.538	0.008	5.24E-155	ieILC1 cycling	HMMR
BUB1B	5.23E-159	0.657168492	0.508	0.005	1.22E-154	ieILC1 cycling	BUB1B
MAD2L1	2.59E-158	1.319693347	0.727	0.035	6.04E-154	ieILC1 cycling	MAD2L1
NUF2	3.56E-158	0.913586643	0.598	0.016	8.32E-154	ieILC1 cycling	NUF2
SHCBP1	2.61E-156	0.855017634	0.53	0.008	6.08E-152	ieILC1 cycling	SHCBP1

CENPF	2.98E-156	1.676837019	0.773	0.049	6.95E-152	ieILC1 cycling	CENPF
CDCA5	4.78E-156	0.911732269	0.523	0.008	1.11E-151	ieILC1 cycling	CDCA5
CLSPN	4.00E-155	0.961208591	0.727	0.037	9.33E-151	ieILC1 cycling	CLSPN
SPAG5	7.86E-155	0.98767175	0.576	0.014	1.83E-150	ieILC1 cycling	SPAG5
RAD51AP1	2.50E-154	0.693626691	0.538	0.01	5.84E-150	ieILC1 cycling	RAD51AP1
CDCA2	4.11E-153	1.040728734	0.477	0.004	9.58E-149	ieILC1 cycling	CDCA2
ESCO2	5.24E-153	0.608624909	0.477	0.004	1.22E-148	ieILC1 cycling	ESCO2
PRR11	4.57E-149	0.621572097	0.538	0.012	1.07E-144	ieILC1 cycling	PRR11
GGH	3.66E-147	1.027433603	0.621	0.024	8.55E-143	ieILC1 cycling	GGH
KIF14	2.45E-146	0.766816189	0.477	0.006	5.73E-142	ieILC1 cycling	KIF14
CENPM	2.84E-146	0.832989449	0.621	0.024	6.64E-142	ieILC1 cycling	CENPM
HIST1H1B	1.23E-144	0.674260587	0.583	0.019	2.86E-140	ieILC1 cycling	HIST1H1B
CCNB1	1.31E-144	1.247918544	0.515	0.01	3.07E-140	ieILC1 cycling	CCNB1
DIAPH3	2.06E-143	0.594198721	0.462	0.005	4.81E-139	ieILC1 cycling	DIAPH3
KIF23	1.26E-142	1.11395266	0.47	0.006	2.94E-138	ieILC1 cycling	KIF23
PRC1	8.37E-142	0.817809185	0.689	0.037	1.95E-137	ieILC1 cycling	PRC1
BRCA2	1.00E-141	1.085006238	0.735	0.046	2.34E-137	ieILC1 cycling	BRCA2
STMN1	2.91E-141	2.768679705	0.985	0.153	6.78E-137	ieILC1 cycling	STMN1
CDC20	2.72E-139	1.300284071	0.47	0.007	6.36E-135	ieILC1 cycling	CDC20
UBE2T	4.04E-139	0.82132146	0.636	0.03	9.43E-135	ieILC1 cycling	UBE2T
APOBEC3B	1.04E-135	0.96205673	0.485	0.01	2.42E-131	ieILC1 cycling	APOBEC3B
DTL	6.00E-135	0.786850998	0.568	0.021	1.40E-130	ieILC1 cycling	DTL
STIL	1.12E-134	0.696434478	0.485	0.01	2.61E-130	ieILC1 cycling	STIL
ANLN	2.57E-134	0.676717557	0.439	0.005	6.01E-130	ieILC1 cycling	ANLN
SKA3	7.28E-134	0.676679322	0.417	0.003	1.70E-129	ieILC1 cycling	SKA3
CENPW	4.35E-133	0.363338078	0.485	0.01	1.02E-128	ieILC1 cycling	CENPW
KIFC1	1.56E-128	0.389321603	0.402	0.003	3.63E-124	ieILC1 cycling	KIFC1
MCM10	1.87E-128	0.597686062	0.447	0.008	4.37E-124	ieILC1 cycling	MCM10
BUB1	4.16E-128	1.188748517	0.811	0.078	9.70E-124	ieILC1 cycling	BUB1
MYBL2	5.56E-128	0.524221624	0.386	0.002	1.30E-123	ieILC1 cycling	MYBL2
ECT2	8.50E-128	0.725006515	0.485	0.012	1.98E-123	ieILC1 cycling	ECT2

NCAPG2	2.06E-127	0.676182462	0.659	0.041	4.79E-123	ieILC1 cycling	NCAPG2
TROAP	2.11E-127	0.544202533	0.432	0.006	4.92E-123	ieILC1 cycling	TROAP
CKS1B	1.26E-125	1.101073972	0.811	0.081	2.94E-121	ieILC1 cycling	CKS1B
PKMYT1	1.57E-125	0.606779998	0.379	0.002	3.66E-121	ieILC1 cycling	PKMYT1
KIF18B	1.13E-122	0.382437486	0.364	0.001	2.64E-118	ieILC1 cycling	KIF18B
PLK1	1.83E-122	1.180579473	0.417	0.006	4.26E-118	ieILC1 cycling	PLK1
PLK4	1.38E-121	0.581956321	0.455	0.011	3.22E-117	ieILC1 cycling	PLK4
DEPDC1B	7.72E-121	0.553106748	0.432	0.008	1.80E-116	ieILC1 cycling	DEPDC1B
FOXM1	4.23E-119	0.406557074	0.409	0.006	9.88E-115	ieILC1 cycling	FOXM1
HIST1H2AJ	3.50E-117	0.254715645	0.462	0.014	8.17E-113	ieILC1 cycling	HIST1H2AJ
CDCA3	5.02E-117	0.42252702	0.371	0.003	1.17E-112	ieILC1 cycling	CDCA3
C2orf48	1.37E-114	0.378457056	0.364	0.003	3.21E-110	ieILC1 cycling	C2orf48
CDC25C	1.42E-114	0.47505416	0.333	0.001	3.32E-110	ieILC1 cycling	CDC25C
SGOL1	2.60E-114	0.670086956	0.5	0.02	6.07E-110	ieILC1 cycling	SGOL1
DHFR	6.53E-114	0.567303257	0.614	0.041	1.52E-109	ieILC1 cycling	DHFR
CENPN	9.63E-114	0.70184224	0.561	0.03	2.25E-109	ieILC1 cycling	CENPN
CCNF	2.56E-113	0.601050079	0.523	0.023	5.96E-109	ieILC1 cycling	CCNF
CIT	1.54E-112	0.389800493	0.379	0.005	3.59E-108	ieILC1 cycling	CIT
TRIP13	2.23E-112	0.546460616	0.364	0.004	5.21E-108	ieILC1 cycling	TRIP13
RACGAP1	1.11E-111	0.643502486	0.523	0.025	2.60E-107	ieILC1 cycling	RACGAP1
CENPA	3.11E-109	0.36182781	0.333	0.002	7.25E-105	ieILC1 cycling	CENPA
KIAA1524	3.16E-109	0.950727211	0.568	0.034	7.37E-105	ieILC1 cycling	KIAA1524
E2F2	3.83E-109	0.476537085	0.402	0.009	8.95E-105	ieILC1 cycling	E2F2
E2F8	1.69E-106	0.441028153	0.311	0.001	3.93E-102	ieILC1 cycling	E2F8
SMC2	6.57E-106	0.994355931	0.818	0.097	1.53E-101	ieILC1 cycling	SMC2
NEIL3	3.20E-104	0.570246117	0.333	0.003	7.46E-100	ieILC1 cycling	NEIL3
FEN1	1.37E-101	1.114560523	0.644	0.055	3.20E-97	ieILC1 cycling	FEN1
WDR34	5.22E-101	0.931346004	0.53	0.032	1.22E-96	ieILC1 cycling	WDR34
FAM111B	3.25E-100	0.869318547	0.409	0.014	7.59E-96	ieILC1 cycling	FAM111B
FANCD2	1.06E-99	0.698070276	0.742	0.085	2.48E-95	ieILC1 cycling	FANCD2
KIF20A	1.43E-98	0.825682294	0.311	0.003	3.33E-94	ieILC1 cycling	KIF20A

AURKA	5.44E-95	0.732078668	0.485	0.028	1.27E-90	ieILC1 cycling	AURKA
BRCA1	1.21E-94	0.619006484	0.485	0.027	2.83E-90	ieILC1 cycling	BRCA1
FBXO5	4.06E-94	0.888709812	0.576	0.046	9.48E-90	ieILC1 cycling	FBXO5
SGOL2	5.30E-92	0.571594791	0.477	0.028	1.24E-87	ieILC1 cycling	SGOL2
ESPL1	1.26E-90	0.407395036	0.288	0.003	2.95E-86	ieILC1 cycling	ESPL1
MND1	1.54E-90	0.341589951	0.288	0.003	3.59E-86	ieILC1 cycling	MND1
PBK	1.92E-90	0.441864691	0.265	0.001	4.48E-86	ieILC1 cycling	PBK
ORC6	4.90E-90	0.423374605	0.379	0.014	1.14E-85	ieILC1 cycling	ORC6
RAD51	1.93E-89	0.697531108	0.364	0.012	4.51E-85	ieILC1 cycling	RAD51
FANCI	3.07E-89	0.879684458	0.636	0.068	7.17E-85	ieILC1 cycling	FANCI
CENPI	1.52E-88	0.412166091	0.295	0.004	3.54E-84	ieILC1 cycling	CENPI
ATAD2	1.98E-88	0.875852632	0.811	0.123	4.61E-84	ieILC1 cycling	ATAD2
CENPK	1.44E-87	0.807016026	0.735	0.099	3.37E-83	ieILC1 cycling	CENPK
PTTG1	9.75E-87	0.917758314	0.689	0.086	2.27E-82	ieILC1 cycling	PTTG1
KIF20B	1.10E-84	0.839930044	0.758	0.111	2.56E-80	ieILC1 cycling	KIF20B
MCM4	7.60E-84	1.071050852	0.606	0.065	1.77E-79	ieILC1 cycling	MCM4
HMGB3	2.82E-83	0.375203893	0.356	0.013	6.58E-79	ieILC1 cycling	HMGB3
UHRF1	2.90E-83	0.476351575	0.538	0.05	6.76E-79	ieILC1 cycling	UHRF1
EXO1	6.17E-83	0.415343056	0.273	0.003	1.44E-78	ieILC1 cycling	EXO1
GMNN	1.79E-81	0.694779014	0.591	0.062	4.18E-77	ieILC1 cycling	GMNN
CDC45	1.84E-81	0.697995316	0.341	0.012	4.29E-77	ieILC1 cycling	CDC45
NUDT1	1.17E-80	0.609322169	0.652	0.079	2.72E-76	ieILC1 cycling	NUDT1
MTFR2	2.77E-80	0.491321242	0.311	0.008	6.47E-76	ieILC1 cycling	MTFR2
KIF18A	4.96E-80	0.54577147	0.492	0.04	1.16E-75	ieILC1 cycling	KIF18A
TUBA1B	1.58E-79	2.021648181	0.977	0.37	3.68E-75	ieILC1 cycling	TUBA1B
OIP5	3.85E-79	0.315058782	0.371	0.017	8.99E-75	ieILC1 cycling	OIP5
TRAI	8.54E-79	0.457177088	0.303	0.008	1.99E-74	ieILC1 cycling	TRAI
KNSTRN	3.37E-78	0.602894687	0.371	0.017	7.86E-74	ieILC1 cycling	KNSTRN
TTK	3.46E-78	0.476911448	0.273	0.005	8.08E-74	ieILC1 cycling	TTK
KIF22	3.62E-78	1.28134365	0.826	0.16	8.44E-74	ieILC1 cycling	KIF22
PCNA	6.21E-78	1.42247828	0.788	0.141	1.45E-73	ieILC1 cycling	PCNA



CDC6	6.34E-77	0.617276832	0.303	0.008	1.48E-72	ieILC1 cycling	CDC6
RAD54L	8.01E-76	0.283466884	0.265	0.005	1.87E-71	ieILC1 cycling	RAD54L
CHEK1	8.10E-75	0.573068236	0.455	0.036	1.89E-70	ieILC1 cycling	CHEK1
TUBA1C	1.59E-74	0.719085982	0.75	0.136	3.70E-70	ieILC1 cycling	TUBA1C
SMC4	2.75E-74	1.290862483	0.97	0.27	6.41E-70	ieILC1 cycling	SMC4
WDR76	6.49E-74	0.480473839	0.591	0.072	1.51E-69	ieILC1 cycling	WDR76
TUBB	1.02E-73	1.290391393	0.864	0.224	2.37E-69	ieILC1 cycling	TUBB
HMGB2	2.71E-73	1.920100269	0.992	0.497	6.32E-69	ieILC1 cycling	HMGB2
PARPBP	4.04E-73	0.312540355	0.348	0.016	9.43E-69	ieILC1 cycling	PARPBP
PHF19	4.24E-73	0.5515548	0.614	0.079	9.90E-69	ieILC1 cycling	PHF19
KPNA21	9.61E-73	1.657362891	0.742	0.13	2.24E-68	ieILC1 cycling	KPNA2
KNTC1	1.89E-72	0.823274274	0.636	0.085	4.42E-68	ieILC1 cycling	KNTC1
TACC3	2.37E-72	0.546975148	0.583	0.07	5.53E-68	ieILC1 cycling	TACC3
ARHGAP11B	7.13E-72	0.600514715	0.455	0.038	1.66E-67	ieILC1 cycling	ARHGAP11B
RFC4	1.12E-71	0.737042154	0.591	0.073	2.61E-67	ieILC1 cycling	RFC4
ATAD5	1.35E-69	0.660011494	0.652	0.094	3.16E-65	ieILC1 cycling	ATAD5
BRIP1	4.54E-69	0.420818008	0.273	0.008	1.06E-64	ieILC1 cycling	BRIP1
ERI2	4.58E-69	0.290202707	0.258	0.006	1.07E-64	ieILC1 cycling	ERI2
DDX12P	8.67E-69	0.256167128	0.477	0.046	2.02E-64	ieILC1 cycling	DDX12P
HELLS	1.04E-68	0.740535754	0.682	0.112	2.42E-64	ieILC1 cycling	HELLS
BARD1	1.17E-68	0.690789401	0.803	0.151	2.72E-64	ieILC1 cycling	BARD1
RRM1	2.80E-68	0.935815319	0.742	0.137	6.54E-64	ieILC1 cycling	RRM1
NCAPD3	2.35E-66	0.55056072	0.568	0.072	5.48E-62	ieILC1 cycling	NCAPD3
GPSM2	2.37E-66	0.438704614	0.341	0.019	5.52E-62	ieILC1 cycling	GPSM2
SKA2	1.12E-64	0.675627002	0.917	0.23	2.61E-60	ieILC1 cycling	SKA2
NCAPD2	1.66E-64	0.690699453	0.598	0.088	3.87E-60	ieILC1 cycling	NCAPD2
CENPO	1.92E-64	0.357238555	0.333	0.019	4.49E-60	ieILC1 cycling	CENPO
CCDC167	2.10E-64	0.442875632	0.682	0.11	4.91E-60	ieILC1 cycling	CCDC167
DSN1	3.34E-64	0.541679169	0.5	0.055	7.79E-60	ieILC1 cycling	DSN1
POLE2	9.71E-64	0.527754585	0.356	0.024	2.27E-59	ieILC1 cycling	POLE2
EZH2	3.50E-63	0.868839224	0.705	0.135	8.18E-59	ieILC1 cycling	EZH2

MASTL	2.30E-62	0.790511243	0.53	0.068	5.37E-58	ieILC1 cycling	MASTL
TMEM106C	3.23E-62	1.009035613	0.705	0.129	7.54E-58	ieILC1 cycling	TMEM106C
DTYMK	4.92E-62	0.586101869	0.659	0.109	1.15E-57	ieILC1 cycling	DTYMK
LMNB1	1.05E-61	0.368509149	0.553	0.074	2.45E-57	ieILC1 cycling	LMNB1
HIRIP3	4.09E-61	0.503894968	0.545	0.073	9.55E-57	ieILC1 cycling	HIRIP3
RFC5	8.02E-61	0.655230376	0.455	0.048	1.87E-56	ieILC1 cycling	RFC5
DNAJC9	2.03E-60	0.663667717	0.773	0.168	4.75E-56	ieILC1 cycling	DNAJC9
MCM2	2.04E-60	0.750842141	0.515	0.064	4.75E-56	ieILC1 cycling	MCM2
CKS21	3.67E-60	0.738701783	0.803	0.184	8.56E-56	ieILC1 cycling	CKS2
TTF2	1.05E-59	0.553005156	0.644	0.112	2.46E-55	ieILC1 cycling	TTF2
CHAF1A	1.33E-58	0.372688205	0.432	0.044	3.10E-54	ieILC1 cycling	CHAF1A
ARHGAP11A	4.17E-58	0.423015776	0.394	0.037	9.74E-54	ieILC1 cycling	ARHGAP11A
HMG2	6.45E-58	1.41398702	0.992	0.785	1.50E-53	ieILC1 cycling	HMG2
TMPO	1.50E-57	0.679833499	0.826	0.203	3.50E-53	ieILC1 cycling	TMPO
H2AFZ	1.60E-57	1.23925759	1	0.512	3.74E-53	ieILC1 cycling	H2AFZ
ACOT7	1.72E-57	0.874679958	0.659	0.124	4.02E-53	ieILC1 cycling	ACOT7
SAE1	1.43E-56	1.004359812	0.848	0.23	3.33E-52	ieILC1 cycling	SAE1
VRK1	2.74E-55	0.540485872	0.712	0.139	6.40E-51	ieILC1 cycling	VRK1
MCM7	3.75E-55	1.289852843	0.75	0.182	8.74E-51	ieILC1 cycling	MCM7
CTNNA1	6.33E-55	0.369877784	0.364	0.032	1.48E-50	ieILC1 cycling	CTNNA1
HIST1H1C	2.85E-54	0.697984518	0.803	0.211	6.66E-50	ieILC1 cycling	HIST1H1C
CENPL	3.66E-54	0.511641429	0.455	0.056	8.54E-50	ieILC1 cycling	CENPL
CENPP	3.73E-54	0.287482801	0.356	0.03	8.70E-50	ieILC1 cycling	CENPP
C19orf48	4.74E-54	0.621704279	0.545	0.085	1.11E-49	ieILC1 cycling	C19orf48
CBX5	2.33E-53	0.641696934	0.826	0.212	5.43E-49	ieILC1 cycling	CBX5
CENPJ	1.17E-52	0.484264442	0.523	0.076	2.72E-48	ieILC1 cycling	CENPJ
WHSC1	1.67E-52	0.487509925	0.538	0.086	3.89E-48	ieILC1 cycling	WHSC1
MZT1	2.43E-52	0.424976719	0.477	0.062	5.68E-48	ieILC1 cycling	MZT1
CEP152	1.55E-51	0.481736015	0.538	0.083	3.62E-47	ieILC1 cycling	CEP152
HN1	1.87E-51	0.845660782	0.871	0.255	4.37E-47	ieILC1 cycling	HN1
CDCA7	2.24E-51	0.391607337	0.333	0.028	5.21E-47	ieILC1 cycling	CDCA7

LIG1	3.23E-51	0.611765296	0.538	0.086	7.55E-47	ieILC1 cycling	LIG1
SLC43A3	3.24E-51	0.446321005	0.485	0.068	7.57E-47	ieILC1 cycling	SLC43A3
CDCA4	1.53E-50	0.621885268	0.485	0.071	3.57E-46	ieILC1 cycling	CDCA4
RPA3	3.47E-50	0.528886926	0.712	0.164	8.09E-46	ieILC1 cycling	RPA3
ZWILCH	4.77E-50	0.420393186	0.455	0.06	1.11E-45	ieILC1 cycling	ZWILCH
FABP5	1.08E-49	0.533574731	0.636	0.126	2.52E-45	ieILC1 cycling	FABP5
UBE2S1	1.17E-49	0.552896291	0.75	0.179	2.72E-45	ieILC1 cycling	UBE2S
SPDL1	2.55E-49	0.318704832	0.333	0.03	5.95E-45	ieILC1 cycling	SPDL1
STRA13	5.77E-49	0.472858358	0.72	0.157	1.35E-44	ieILC1 cycling	STRA13
RBBP8	8.74E-49	0.529492444	0.5	0.08	2.04E-44	ieILC1 cycling	RBBP8
RMI2	2.43E-48	0.265317501	0.288	0.021	5.67E-44	ieILC1 cycling	RMI2
GINS2	2.91E-48	0.774024822	0.311	0.027	6.80E-44	ieILC1 cycling	GINS2
MAD2L21	9.47E-48	0.791069982	0.856	0.259	2.21E-43	ieILC1 cycling	MAD2L2
TIMELESS	2.32E-47	0.477654954	0.356	0.037	5.41E-43	ieILC1 cycling	TIMELESS
SNRNP25	3.12E-47	0.476309394	0.523	0.084	7.29E-43	ieILC1 cycling	SNRNP25
C4orf21	8.49E-47	0.49860342	0.409	0.052	1.98E-42	ieILC1 cycling	C4orf21
LSM5	1.19E-46	0.415536301	0.773	0.197	2.78E-42	ieILC1 cycling	LSM5
LRR1	3.12E-46	0.391051912	0.424	0.058	7.28E-42	ieILC1 cycling	LRR1
CHEK2	3.98E-46	0.410321335	0.326	0.032	9.29E-42	ieILC1 cycling	CHEK2
TUBG1	4.57E-46	0.544854509	0.379	0.045	1.07E-41	ieILC1 cycling	TUBG1
USP1	8.22E-46	0.505944979	0.758	0.188	1.92E-41	ieILC1 cycling	USP1
ANP32E	8.40E-46	0.685989436	0.856	0.266	1.96E-41	ieILC1 cycling	ANP32E
GZMA1	1.50E-45	1.278405826	0.992	0.713	3.50E-41	ieILC1 cycling	GZMA
EBP	2.63E-45	0.606271942	0.856	0.255	6.13E-41	ieILC1 cycling	EBP
FAM83D	2.98E-45	0.313123622	0.265	0.019	6.96E-41	ieILC1 cycling	FAM83D
MTHFD22	3.71E-45	0.652818338	0.75	0.19	8.66E-41	ieILC1 cycling	MTHFD2
DUT	8.28E-45	0.947236863	0.758	0.222	1.93E-40	ieILC1 cycling	DUT
CKAP5	9.64E-45	0.556564721	0.629	0.135	2.25E-40	ieILC1 cycling	CKAP5
RFWD3	9.81E-45	0.256000907	0.5	0.084	2.29E-40	ieILC1 cycling	RFWD3
LGALS31	1.54E-44	0.832245479	0.871	0.272	3.59E-40	ieILC1 cycling	LGALS3
TIMM10	2.95E-44	0.283172864	0.53	0.097	6.88E-40	ieILC1 cycling	TIMM10

ANP32B	1.04E-43	0.560595601	0.909	0.327	2.42E-39	ieILC1 cycling	ANP32B
POLE	1.29E-43	0.377723158	0.326	0.034	3.02E-39	ieILC1 cycling	POLE
CKAP2	1.55E-43	0.49460784	0.5	0.091	3.62E-39	ieILC1 cycling	CKAP2
C1orf112	4.32E-43	0.387987253	0.295	0.028	1.01E-38	ieILC1 cycling	C1orf112
HIST1H4C	5.93E-43	1.780348832	0.992	0.708	1.38E-38	ieILC1 cycling	HIST1H4C
HIST1H1D	7.04E-43	0.800675675	0.803	0.269	1.64E-38	ieILC1 cycling	HIST1H1D
BLM	8.80E-43	0.50726602	0.523	0.099	2.05E-38	ieILC1 cycling	BLM
PDLIM71	1.00E-42	0.355034106	0.515	0.093	2.34E-38	ieILC1 cycling	PDLIM7
NCAPH2	1.72E-42	0.521255966	0.515	0.095	4.01E-38	ieILC1 cycling	NCAPH2
ACYP1	2.84E-42	0.264828326	0.659	0.146	6.63E-38	ieILC1 cycling	ACYP1
WDHD1	3.15E-42	0.357830777	0.379	0.049	7.35E-38	ieILC1 cycling	WDHD1
MAGOHB	4.18E-42	0.284312588	0.598	0.123	9.76E-38	ieILC1 cycling	MAGOHB
CENPH	5.60E-42	0.322329808	0.303	0.03	1.31E-37	ieILC1 cycling	CENPH
ACP51	6.55E-42	0.758044286	0.841	0.253	1.53E-37	ieILC1 cycling	ACP5
POLD3	1.46E-41	0.541344658	0.492	0.089	3.40E-37	ieILC1 cycling	POLD3
RAD51C	3.90E-41	0.427899159	0.538	0.103	9.10E-37	ieILC1 cycling	RAD51C
HMGB1P5	8.33E-41	0.326986996	0.985	0.731	1.94E-36	ieILC1 cycling	HMGB1P5
TMEM194A	3.64E-40	0.29443251	0.394	0.057	8.49E-36	ieILC1 cycling	TMEM194A
RNASEH2A	6.42E-40	0.509005616	0.447	0.075	1.50E-35	ieILC1 cycling	RNASEH2A
RUVBL2	7.83E-40	0.552520539	0.606	0.139	1.83E-35	ieILC1 cycling	RUVBL2
HIST1H1E	8.69E-40	0.836838282	0.795	0.27	2.03E-35	ieILC1 cycling	HIST1H1E
RANBP1	1.17E-39	0.635303458	0.894	0.316	2.72E-35	ieILC1 cycling	RANBP1
GEN1	1.82E-39	0.256017549	0.288	0.029	4.25E-35	ieILC1 cycling	GEN1
ACAT21	2.18E-39	0.687460138	0.538	0.112	5.09E-35	ieILC1 cycling	ACAT2
ENTPD11	2.31E-39	0.73820749	0.811	0.251	5.40E-35	ieILC1 cycling	ENTPD1
CSE1L	2.50E-39	0.266915455	0.652	0.16	5.83E-35	ieILC1 cycling	CSE1L
RNASEH2C	3.25E-39	0.413580564	0.742	0.208	7.59E-35	ieILC1 cycling	RNASEH2C
PGD1	5.24E-39	0.726623613	0.636	0.164	1.22E-34	ieILC1 cycling	PGD
TUBB4B1	6.46E-39	0.95715886	0.621	0.164	1.51E-34	ieILC1 cycling	TUBB4B
MGME1	1.34E-38	0.395259151	0.553	0.119	3.12E-34	ieILC1 cycling	MGME1
H2AFV	2.03E-38	0.754608173	0.97	0.443	4.75E-34	ieILC1 cycling	H2AFV

FAM111A	2.23E-38	0.616890161	0.667	0.188	5.21E-34	ieILC1 cycling	FAM111A
GAPDH1	2.33E-38	0.85948887	0.992	0.877	5.43E-34	ieILC1 cycling	GAPDH
MZT2B	2.56E-38	0.278173329	0.886	0.351	5.97E-34	ieILC1 cycling	MZT2B
MCM51	4.66E-38	0.829446264	0.614	0.152	1.09E-33	ieILC1 cycling	MCM5
CSF11	4.67E-38	0.515133011	0.735	0.199	1.09E-33	ieILC1 cycling	CSF1
COX8A	6.55E-38	0.452018515	0.962	0.47	1.53E-33	ieILC1 cycling	COX8A
CNTLN	1.20E-37	0.323020095	0.28	0.029	2.80E-33	ieILC1 cycling	CNTLN
ANXA51	1.23E-37	0.710673825	0.848	0.292	2.86E-33	ieILC1 cycling	ANXA5
ARHGEF39	1.25E-37	0.389686701	0.371	0.055	2.92E-33	ieILC1 cycling	ARHGEF39
GLRX3	2.06E-37	0.488833152	0.705	0.191	4.80E-33	ieILC1 cycling	GLRX3
FANCG	2.21E-37	0.406221375	0.333	0.043	5.15E-33	ieILC1 cycling	FANCG
DDX39A	2.91E-37	0.779763189	0.856	0.322	6.79E-33	ieILC1 cycling	DDX39A
CDK4	3.24E-37	0.336247944	0.553	0.12	7.56E-33	ieILC1 cycling	CDK4
NDFIP21	3.99E-37	0.61075	0.636	0.161	9.31E-33	ieILC1 cycling	NDFIP2
DEK	7.57E-37	0.700116697	0.962	0.478	1.77E-32	ieILC1 cycling	DEK
NABP2	7.93E-37	0.463913824	0.53	0.112	1.85E-32	ieILC1 cycling	NABP2
MCM3	2.52E-36	0.835811252	0.606	0.159	5.89E-32	ieILC1 cycling	MCM3
CALM3	3.31E-36	0.562386471	0.939	0.432	7.72E-32	ieILC1 cycling	CALM3
SIVA1	3.59E-36	0.518926637	0.758	0.24	8.38E-32	ieILC1 cycling	SIVA1
HNRNPAB1	9.32E-36	0.501615221	0.879	0.313	2.17E-31	ieILC1 cycling	HNRNPAB
CCL31	2.45E-35	1.088297808	0.833	0.333	5.72E-31	ieILC1 cycling	CCL3
POLA1	2.67E-35	0.352267165	0.394	0.066	6.23E-31	ieILC1 cycling	POLA1
RRP7A	4.04E-35	0.365012179	0.72	0.2	9.44E-31	ieILC1 cycling	RRP7A
RAD21	4.77E-35	0.645742149	0.864	0.353	1.11E-30	ieILC1 cycling	RAD21
CDK2	5.26E-35	0.428251642	0.394	0.068	1.23E-30	ieILC1 cycling	CDK2
ITGA11	1.76E-34	0.514094112	0.803	0.257	4.12E-30	ieILC1 cycling	ITGA1
TIPIN	1.94E-34	0.326074622	0.258	0.027	4.53E-30	ieILC1 cycling	TIPIN
ACTB1	3.80E-34	0.757336951	1	0.999	8.87E-30	ieILC1 cycling	ACTB
NUDT21	4.86E-34	0.538303758	0.644	0.177	1.13E-29	ieILC1 cycling	NUDT21
POP7	8.23E-34	0.293286913	0.508	0.106	1.92E-29	ieILC1 cycling	POP7
SLC27A21	9.33E-34	0.553895813	0.485	0.104	2.18E-29	ieILC1 cycling	SLC27A2

SLBP	1.07E-33	0.557396029	0.75	0.233	2.50E-29	ieILC1 cycling	SLBP
TFDP1	1.09E-33	0.400313389	0.515	0.115	2.55E-29	ieILC1 cycling	TFDP1
MCM61	1.14E-33	0.55938884	0.561	0.137	2.67E-29	ieILC1 cycling	MCM6
HPGD1	1.62E-33	0.516394377	0.515	0.118	3.77E-29	ieILC1 cycling	HPGD
FANCA	2.97E-33	0.335772635	0.394	0.069	6.92E-29	ieILC1 cycling	FANCA
PIF1	3.25E-33	0.271883871	0.273	0.032	7.58E-29	ieILC1 cycling	PIF1
HPRT11	5.73E-33	0.461235955	0.697	0.198	1.34E-28	ieILC1 cycling	HPRT1
SNRPD1	5.91E-33	0.488137578	0.803	0.275	1.38E-28	ieILC1 cycling	SNRPD1
IDH22	6.30E-33	0.889536277	0.902	0.417	1.47E-28	ieILC1 cycling	IDH2
POLH	6.68E-33	0.406058114	0.439	0.088	1.56E-28	ieILC1 cycling	POLH
SLC25A5	7.22E-33	0.798978878	0.917	0.443	1.68E-28	ieILC1 cycling	SLC25A5
H2AFY1	8.19E-33	0.707662414	0.909	0.402	1.91E-28	ieILC1 cycling	H2AFY
GOT1	9.04E-33	0.391774149	0.432	0.082	2.11E-28	ieILC1 cycling	GOT1
CMC2	9.14E-33	0.294169098	0.75	0.242	2.13E-28	ieILC1 cycling	CMC2
SLC29A1	1.25E-32	0.444135225	0.303	0.041	2.91E-28	ieILC1 cycling	SLC29A1
REEP4	1.67E-32	0.448187671	0.47	0.1	3.90E-28	ieILC1 cycling	REEP4
THOC6	1.92E-32	0.396024403	0.508	0.114	4.49E-28	ieILC1 cycling	THOC6
HLA-DMA	2.71E-32	0.430754334	0.682	0.208	6.32E-28	ieILC1 cycling	HLA-DMA
HLA-DRA2	3.73E-32	0.792383302	0.803	0.328	8.69E-28	ieILC1 cycling	HLA-DRA
EXOSC8	5.88E-32	0.555739049	0.727	0.231	1.37E-27	ieILC1 cycling	EXOSC8
PRPSAP1	7.85E-32	0.319115329	0.5	0.113	1.83E-27	ieILC1 cycling	PRPSAP1
PRDX31	1.03E-31	0.577838583	0.841	0.316	2.40E-27	ieILC1 cycling	PRDX3
WDR54	1.12E-31	0.468593402	0.523	0.121	2.62E-27	ieILC1 cycling	WDR54
MB21D1	1.13E-31	0.283238494	0.47	0.101	2.64E-27	ieILC1 cycling	MB21D1
PSMC3	1.15E-31	0.777991963	0.833	0.322	2.69E-27	ieILC1 cycling	PSMC3
TNIP31	1.37E-31	0.27698548	0.485	0.108	3.19E-27	ieILC1 cycling	TNIP3
PRIM1	2.41E-31	0.292044269	0.409	0.076	5.63E-27	ieILC1 cycling	PRIM1
PPM1G	3.99E-31	0.390487898	0.75	0.24	9.32E-27	ieILC1 cycling	PPM1G
SHMT1	6.49E-31	0.385730971	0.364	0.065	1.51E-26	ieILC1 cycling	SHMT1
FDPS	7.05E-31	0.51691914	0.788	0.266	1.65E-26	ieILC1 cycling	FDPS
PTMA	8.05E-31	0.614984455	1	0.991	1.88E-26	ieILC1 cycling	PTMA

EXOSC9	8.05E-31	0.42923953	0.561	0.144	1.88E-26	ieILC1 cycling	EXOSC9
CKLF1	8.15E-31	0.404389987	0.955	0.489	1.90E-26	ieILC1 cycling	CKLF
DBF4	9.06E-31	0.320938742	0.538	0.133	2.11E-26	ieILC1 cycling	DBF4
DNPH1	1.20E-30	0.306652216	0.644	0.186	2.80E-26	ieILC1 cycling	DNPH1
TFRC1	1.37E-30	0.44234977	0.742	0.261	3.20E-26	ieILC1 cycling	TFRC
RHEB	1.55E-30	0.619463978	0.742	0.26	3.63E-26	ieILC1 cycling	RHEB
LAP32	1.66E-30	0.490963488	0.788	0.286	3.87E-26	ieILC1 cycling	LAP3
ITM2C2	1.89E-30	0.630935783	0.833	0.32	4.40E-26	ieILC1 cycling	ITM2C
SRSF10	2.18E-30	0.539140366	0.902	0.393	5.09E-26	ieILC1 cycling	SRSF10
HAT1	3.38E-30	0.436904596	0.727	0.228	7.88E-26	ieILC1 cycling	HAT1
RBL1	7.61E-30	0.332114242	0.53	0.139	1.78E-25	ieILC1 cycling	RBL1
UQCC2	8.99E-30	0.263863138	0.523	0.132	2.10E-25	ieILC1 cycling	UQCC2
GGCT	9.13E-30	0.432165048	0.432	0.095	2.13E-25	ieILC1 cycling	GGCT
GZMK1	1.61E-29	0.743323902	0.758	0.282	3.76E-25	ieILC1 cycling	GZMK
CDKN2C1	1.89E-29	0.272776674	0.417	0.083	4.40E-25	ieILC1 cycling	CDKN2C
SMS	2.07E-29	0.405838002	0.515	0.128	4.82E-25	ieILC1 cycling	SMS
PMM1	2.50E-29	0.296556006	0.348	0.061	5.83E-25	ieILC1 cycling	PMM1
SMC3	2.86E-29	0.532150622	0.939	0.412	6.67E-25	ieILC1 cycling	SMC3
GSTO11	3.24E-29	0.459946762	0.833	0.299	7.55E-25	ieILC1 cycling	GSTO1
RCC1	4.46E-29	0.40320075	0.28	0.041	1.04E-24	ieILC1 cycling	RCC1
IFNG2	4.51E-29	0.39279149	0.705	0.224	1.05E-24	ieILC1 cycling	IFNG
PFKP1	4.65E-29	0.435659497	0.697	0.227	1.08E-24	ieILC1 cycling	PFKP
SNRPG	4.92E-29	0.461499162	0.97	0.497	1.15E-24	ieILC1 cycling	SNRPG
ADAM191	5.68E-29	0.404272061	0.591	0.171	1.33E-24	ieILC1 cycling	ADAM19
ANAPC11	6.65E-29	0.428333107	0.894	0.364	1.55E-24	ieILC1 cycling	ANAPC11
TPI11	8.45E-29	0.77021124	0.977	0.705	1.97E-24	ieILC1 cycling	TPI1
PPA11	8.54E-29	0.585612119	0.621	0.188	1.99E-24	ieILC1 cycling	PPA1
RFC21	9.96E-29	0.532771412	0.538	0.141	2.32E-24	ieILC1 cycling	RFC2
CD381	1.05E-28	0.5465475	0.78	0.286	2.46E-24	ieILC1 cycling	CD38
PA2G4	1.10E-28	0.444042229	0.795	0.295	2.56E-24	ieILC1 cycling	PA2G4
AFAP1L21	1.20E-28	0.521448152	0.568	0.155	2.81E-24	ieILC1 cycling	AFAP1L2

RAB27A1	1.21E-28	0.547595251	0.909	0.398	2.83E-24	ieILC1 cycling	RAB27A
NUP37	1.34E-28	0.315162773	0.402	0.081	3.12E-24	ieILC1 cycling	NUP37
UBE2A1	1.49E-28	0.520564076	0.727	0.254	3.47E-24	ieILC1 cycling	UBE2A
TNFSF101	1.75E-28	0.594620514	0.795	0.309	4.08E-24	ieILC1 cycling	TNFSF10
C14orf166	1.91E-28	0.418961365	0.742	0.251	4.46E-24	ieILC1 cycling	C14orf166
HLTF	2.04E-28	0.345084449	0.583	0.166	4.76E-24	ieILC1 cycling	HLTF
LSM4	2.75E-28	0.417825277	0.841	0.312	6.42E-24	ieILC1 cycling	LSM4
ENO11	2.78E-28	0.855154582	0.97	0.72	6.48E-24	ieILC1 cycling	ENO1
HSD17B10	3.24E-28	0.434360193	0.758	0.25	7.56E-24	ieILC1 cycling	HSD17B10
POLA2	3.83E-28	0.346533892	0.318	0.054	8.93E-24	ieILC1 cycling	POLA2
PPIF	4.58E-28	0.250948071	0.447	0.1	1.07E-23	ieILC1 cycling	PPIF
CTPS1	5.04E-28	0.542504698	0.432	0.099	1.18E-23	ieILC1 cycling	CTPS1
MMS22L	7.01E-28	0.30687443	0.462	0.111	1.64E-23	ieILC1 cycling	MMS22L
MT2A	7.02E-28	0.454121942	0.826	0.337	1.64E-23	ieILC1 cycling	MT2A
CACYBP1	7.39E-28	0.497439153	0.909	0.368	1.73E-23	ieILC1 cycling	CACYBP
SMC1A	7.53E-28	0.410165967	0.682	0.232	1.76E-23	ieILC1 cycling	SMC1A
YIF1B	7.68E-28	0.255027672	0.568	0.156	1.79E-23	ieILC1 cycling	YIF1B
HMGB1	1.07E-27	0.637387044	1	0.922	2.50E-23	ieILC1 cycling	HMGB1
CCR11	1.20E-27	0.443776454	0.644	0.196	2.81E-23	ieILC1 cycling	CCR1
GUSB	1.35E-27	0.458152634	0.735	0.257	3.15E-23	ieILC1 cycling	GUSB
RTN3	1.39E-27	0.486079162	0.667	0.21	3.24E-23	ieILC1 cycling	RTN3
UQCRC11	1.49E-27	0.599239739	0.856	0.354	3.48E-23	ieILC1 cycling	UQCRC1
TUBGCP3	1.82E-27	0.266736484	0.455	0.108	4.24E-23	ieILC1 cycling	TUBGCP3
MRPL37	1.84E-27	0.513835416	0.515	0.139	4.29E-23	ieILC1 cycling	MRPL37
CCDC18	1.99E-27	0.287994213	0.455	0.112	4.64E-23	ieILC1 cycling	CCDC18
MRPL13	2.63E-27	0.369819813	0.636	0.195	6.15E-23	ieILC1 cycling	MRPL13
PFN12	2.65E-27	0.610283181	1	0.985	6.17E-23	ieILC1 cycling	PFN1
GNGT2	2.79E-27	0.287097671	0.523	0.14	6.50E-23	ieILC1 cycling	GNGT2
OAS31	2.86E-27	0.478966137	0.614	0.192	6.66E-23	ieILC1 cycling	OAS3
CCL3L11	3.08E-27	0.263767498	0.455	0.11	7.19E-23	ieILC1 cycling	CCL3L1
BUB3	3.70E-27	0.676886918	0.939	0.47	8.63E-23	ieILC1 cycling	BUB3



RAN	6.54E-27	0.699801739	0.962	0.525	1.53E-22	ieILC1 cycling	RAN
TALDO1	8.31E-27	0.369916962	0.689	0.221	1.94E-22	ieILC1 cycling	TALDO1
EIF4A31	9.30E-27	0.555005107	0.78	0.296	2.17E-22	ieILC1 cycling	EIF4A3
AK21	1.01E-26	0.487315732	0.788	0.3	2.35E-22	ieILC1 cycling	AK2
CD821	1.11E-26	0.55230034	0.735	0.26	2.60E-22	ieILC1 cycling	CD82
CHCHD2	1.59E-26	0.678712985	0.97	0.611	3.71E-22	ieILC1 cycling	CHCHD2
DCXR1	1.77E-26	0.485823747	0.697	0.252	4.13E-22	ieILC1 cycling	DCXR
COX5A1	1.77E-26	0.602705357	0.917	0.428	4.13E-22	ieILC1 cycling	COX5A
RP4-742C19.12	1.87E-26	0.370873227	0.598	0.184	4.37E-22	ieILC1 cycling	RP4-742C19.12
VBP1	2.36E-26	0.348053749	0.561	0.155	5.51E-22	ieILC1 cycling	VBP1
ANXA21	3.77E-26	0.749659471	0.939	0.51	8.79E-22	ieILC1 cycling	ANXA2
BTG31	5.29E-26	0.339651421	0.492	0.132	1.23E-21	ieILC1 cycling	BTG3
TOR3A	5.54E-26	0.357615696	0.477	0.121	1.29E-21	ieILC1 cycling	TOR3A
SMC6	5.65E-26	0.357748144	0.508	0.139	1.32E-21	ieILC1 cycling	SMC6
RUSC1	6.01E-26	0.329909359	0.288	0.048	1.40E-21	ieILC1 cycling	RUSC1
WARS1	8.47E-26	0.593918163	0.856	0.382	1.98E-21	ieILC1 cycling	WARS
NUP93	1.00E-25	0.282782278	0.523	0.144	2.34E-21	ieILC1 cycling	NUP93
MRPL17	1.46E-25	0.305355132	0.379	0.082	3.41E-21	ieILC1 cycling	MRPL17
OIP5-AS11	1.51E-25	0.448310802	0.765	0.305	3.51E-21	ieILC1 cycling	OIP5-AS1
FH	2.07E-25	0.271399274	0.386	0.083	4.84E-21	ieILC1 cycling	FH
C16orf80	2.11E-25	0.287137009	0.492	0.127	4.93E-21	ieILC1 cycling	C16orf80
GMPS	2.46E-25	0.318802515	0.53	0.149	5.74E-21	ieILC1 cycling	GMPS
PLP2	2.63E-25	0.370240583	0.841	0.328	6.13E-21	ieILC1 cycling	PLP2
ACTL6A	2.69E-25	0.324588518	0.485	0.128	6.28E-21	ieILC1 cycling	ACTL6A
RANGAP1	4.03E-25	0.267076362	0.409	0.097	9.40E-21	ieILC1 cycling	RANGAP1
TEX30	5.56E-25	0.305215933	0.432	0.105	1.30E-20	ieILC1 cycling	TEX30
LSM3	6.82E-25	0.331433217	0.818	0.337	1.59E-20	ieILC1 cycling	LSM3
MIS18BP11	8.09E-25	0.383805937	0.811	0.348	1.89E-20	ieILC1 cycling	MIS18BP1
PARP2	8.10E-25	0.45256199	0.333	0.068	1.89E-20	ieILC1 cycling	PARP2
DPP4	8.18E-25	0.323607121	0.28	0.047	1.91E-20	ieILC1 cycling	DPP4
MTHFD1	8.40E-25	0.450886294	0.508	0.145	1.96E-20	ieILC1 cycling	MTHFD1

DHCR24	8.47E-25	0.284879903	0.318	0.061	1.98E-20	ieILC1 cycling	DHCR24
SHMT2	8.51E-25	0.430010644	0.455	0.119	1.99E-20	ieILC1 cycling	SHMT2
ZDHHC12	9.73E-25	0.302254399	0.53	0.147	2.27E-20	ieILC1 cycling	ZDHHC12
AIFM2	9.75E-25	0.277359161	0.311	0.057	2.27E-20	ieILC1 cycling	AIFM2
DCPS1	1.17E-24	0.351256533	0.447	0.112	2.73E-20	ieILC1 cycling	DCPS
CD9	1.19E-24	0.500799687	0.386	0.088	2.79E-20	ieILC1 cycling	CD9
HLA-DQB11	1.22E-24	0.615249457	0.614	0.214	2.84E-20	ieILC1 cycling	HLA-DQB1
HSPB111	1.23E-24	0.29043698	0.788	0.295	2.87E-20	ieILC1 cycling	HSPB11
BATF1	1.48E-24	0.326300178	0.644	0.206	3.46E-20	ieILC1 cycling	BATF
SURF41	1.71E-24	0.378928406	0.811	0.317	3.99E-20	ieILC1 cycling	SURF4
RNF157	1.71E-24	0.283915415	0.326	0.064	4.00E-20	ieILC1 cycling	RNF157
LBR	1.75E-24	0.423628801	0.841	0.364	4.09E-20	ieILC1 cycling	LBR
POLD2	2.09E-24	0.371030682	0.455	0.115	4.89E-20	ieILC1 cycling	POLD2
DCK	2.15E-24	0.347861881	0.674	0.228	5.01E-20	ieILC1 cycling	DCK
PSMD8	2.27E-24	0.524745543	0.871	0.395	5.29E-20	ieILC1 cycling	PSMD8
PSMD14	2.44E-24	0.300530555	0.652	0.221	5.69E-20	ieILC1 cycling	PSMD14
GEM1	2.86E-24	0.641159146	0.47	0.127	6.68E-20	ieILC1 cycling	GEM
ERAL1	3.22E-24	0.302459064	0.371	0.082	7.50E-20	ieILC1 cycling	ERAL1
LDHA2	3.83E-24	0.667172121	0.985	0.783	8.94E-20	ieILC1 cycling	LDHA
SNRPC	4.85E-24	0.338601141	0.712	0.252	1.13E-19	ieILC1 cycling	SNRPC
SUPT16H	4.86E-24	0.335303495	0.826	0.341	1.13E-19	ieILC1 cycling	SUPT16H
ITGAE1	5.12E-24	0.573707428	0.818	0.371	1.19E-19	ieILC1 cycling	ITGAE
SLC3A21	5.17E-24	0.656595761	0.864	0.399	1.21E-19	ieILC1 cycling	SLC3A2
EIF1AY1	6.49E-24	0.327397239	0.515	0.151	1.52E-19	ieILC1 cycling	EIF1AY
C12orf751	6.80E-24	0.263849763	0.826	0.311	1.59E-19	ieILC1 cycling	C12orf75
SNRPB1	7.41E-24	0.551909522	0.97	0.573	1.73E-19	ieILC1 cycling	SNRPB
POP4	9.87E-24	0.387277353	0.598	0.19	2.30E-19	ieILC1 cycling	POP4
GZMB2	9.96E-24	0.77397981	0.992	0.879	2.32E-19	ieILC1 cycling	GZMB
POLR3K	1.13E-23	0.31581929	0.455	0.119	2.63E-19	ieILC1 cycling	POLR3K
DCTPP1	1.24E-23	0.363288719	0.485	0.136	2.89E-19	ieILC1 cycling	DCTPP1
CSRP11	1.50E-23	0.351016317	0.508	0.14	3.49E-19	ieILC1 cycling	CSRP1

MTCH2	1.73E-23	0.370119493	0.568	0.177	4.03E-19	ieILC1 cycling	MTCH2
ACAA21	2.34E-23	0.487470337	0.765	0.304	5.46E-19	ieILC1 cycling	ACAA2
CALU	3.09E-23	0.292915373	0.5	0.144	7.21E-19	ieILC1 cycling	CALU
CAPG1	3.34E-23	0.682331951	0.864	0.424	7.79E-19	ieILC1 cycling	CAPG
ZNF714	3.52E-23	0.448821381	0.326	0.07	8.22E-19	ieILC1 cycling	ZNF714
GNLY1	3.62E-23	0.676357225	0.992	0.97	8.45E-19	ieILC1 cycling	GNLY
NUDT5	4.72E-23	0.269056118	0.667	0.232	1.10E-18	ieILC1 cycling	NUDT5
PSMB2	5.35E-23	0.372571217	0.833	0.329	1.25E-18	ieILC1 cycling	PSMB2
DCTN3	6.35E-23	0.391595954	0.697	0.253	1.48E-18	ieILC1 cycling	DCTN3
VDAC3	9.07E-23	0.42378474	0.78	0.309	2.12E-18	ieILC1 cycling	VDAC3
SSRP1	9.52E-23	0.326281214	0.402	0.103	2.22E-18	ieILC1 cycling	SSRP1
MSH2	9.57E-23	0.266117974	0.447	0.122	2.23E-18	ieILC1 cycling	MSH2
DNMT1	1.12E-22	0.457787985	0.902	0.426	2.60E-18	ieILC1 cycling	DNMT1
AP1M1	1.15E-22	0.344778129	0.659	0.241	2.67E-18	ieILC1 cycling	AP1M1
HLA-C2	1.24E-22	0.666618976	1	0.989	2.90E-18	ieILC1 cycling	HLA-C
RAB11A	1.25E-22	0.447010077	0.674	0.26	2.92E-18	ieILC1 cycling	RAB11A
BANF1	1.25E-22	0.320661976	0.924	0.427	2.92E-18	ieILC1 cycling	BANF1
RBBP7	1.32E-22	0.370609474	0.833	0.342	3.07E-18	ieILC1 cycling	RBBP7
FAM96A	1.60E-22	0.274631088	0.568	0.175	3.74E-18	ieILC1 cycling	FAM96A
PIN1	1.78E-22	0.288735433	0.788	0.297	4.16E-18	ieILC1 cycling	PIN1
PPP2R1B	1.84E-22	0.28518072	0.424	0.112	4.30E-18	ieILC1 cycling	PPP2R1B
CCT5	1.95E-22	0.365186683	0.742	0.277	4.55E-18	ieILC1 cycling	CCT5
MRPL51	2.72E-22	0.312322586	0.78	0.299	6.35E-18	ieILC1 cycling	MRPL51
TPM41	2.78E-22	0.579871662	0.932	0.5	6.49E-18	ieILC1 cycling	TPM4
GTF3C6	2.88E-22	0.280797032	0.765	0.289	6.71E-18	ieILC1 cycling	GTF3C6
RNF26	3.13E-22	0.321963833	0.28	0.053	7.29E-18	ieILC1 cycling	RNF26
SEC11A	3.34E-22	0.364782056	0.78	0.315	7.79E-18	ieILC1 cycling	SEC11A
PCMT1	3.79E-22	0.398287612	0.758	0.29	8.84E-18	ieILC1 cycling	PCMT1
DPM2	4.86E-22	0.28656582	0.561	0.177	1.13E-17	ieILC1 cycling	DPM2
NUP107	5.26E-22	0.315579297	0.568	0.182	1.23E-17	ieILC1 cycling	NUP107
NDUFB11	6.46E-22	0.259479573	0.841	0.353	1.51E-17	ieILC1 cycling	NDUFB11

VPS25	7.13E-22	0.284295822	0.477	0.135	1.66E-17	ieILC1 cycling	VPS25
PSME21	7.36E-22	0.639143611	0.985	0.722	1.72E-17	ieILC1 cycling	PSME2
DARS2	7.61E-22	0.266728604	0.295	0.059	1.78E-17	ieILC1 cycling	DARS2
GTF3C5	8.20E-22	0.288090367	0.447	0.121	1.91E-17	ieILC1 cycling	GTF3C5
ACTG11	9.11E-22	0.629660628	0.985	0.87	2.13E-17	ieILC1 cycling	ACTG1
SNRPE	1.05E-21	0.34776024	0.765	0.325	2.45E-17	ieILC1 cycling	SNRPE
SRPK1	1.30E-21	0.310946905	0.621	0.218	3.03E-17	ieILC1 cycling	SRPK1
TRIM59	1.47E-21	0.282621361	0.553	0.181	3.42E-17	ieILC1 cycling	TRIM59
NDUFS6	2.23E-21	0.257707432	0.818	0.345	5.20E-17	ieILC1 cycling	NDUFS6
LGALS11	2.34E-21	0.724291758	0.826	0.447	5.47E-17	ieILC1 cycling	LGALS1
CLTA	2.50E-21	0.274677364	0.629	0.22	5.82E-17	ieILC1 cycling	CLTA
DPP3	2.85E-21	0.254498752	0.371	0.09	6.65E-17	ieILC1 cycling	DPP3
IPO9	3.61E-21	0.300456162	0.53	0.172	8.42E-17	ieILC1 cycling	IPO9
GNG5	4.00E-21	0.445439682	0.932	0.498	9.33E-17	ieILC1 cycling	GNG5
QPCT	4.38E-21	0.357803425	0.265	0.05	1.02E-16	ieILC1 cycling	QPCT
ALG8	5.36E-21	0.270109544	0.364	0.088	1.25E-16	ieILC1 cycling	ALG8
NDUFS7	6.93E-21	0.256512307	0.818	0.335	1.62E-16	ieILC1 cycling	NDUFS7
CFL12	7.95E-21	0.450936038	0.985	0.988	1.86E-16	ieILC1 cycling	CFL1
DDB2	9.93E-21	0.399843689	0.591	0.211	2.32E-16	ieILC1 cycling	DDB2
FURIN1	1.52E-20	0.293807429	0.629	0.235	3.54E-16	ieILC1 cycling	FURIN
CYCS1	1.71E-20	0.400232937	0.879	0.407	3.98E-16	ieILC1 cycling	CYCS
NASP1	2.01E-20	0.386254889	0.795	0.349	4.69E-16	ieILC1 cycling	NASP
PGAM11	2.11E-20	0.466732657	0.894	0.44	4.92E-16	ieILC1 cycling	PGAM1
TXN	2.38E-20	0.368881259	0.894	0.434	5.54E-16	ieILC1 cycling	TXN
PKM1	2.52E-20	0.311784243	0.939	0.508	5.88E-16	ieILC1 cycling	PKM
TMEM14C	3.74E-20	0.392478908	0.515	0.168	8.74E-16	ieILC1 cycling	TMEM14C
RALY	4.14E-20	0.435750559	0.924	0.491	9.67E-16	ieILC1 cycling	RALY
WIPF31	4.54E-20	0.321764523	0.492	0.161	1.06E-15	ieILC1 cycling	WIPF3
ILF2	5.32E-20	0.411759221	0.856	0.384	1.24E-15	ieILC1 cycling	ILF2
NDUFB6	5.82E-20	0.255257928	0.735	0.295	1.36E-15	ieILC1 cycling	NDUFB6
STOML2	5.87E-20	0.327049471	0.53	0.17	1.37E-15	ieILC1 cycling	STOML2

PTPLAD1	5.98E-20	0.339409477	0.409	0.112	1.39E-15	ieILC1 cycling	PTPLAD1
RAC21	6.57E-20	0.487437661	0.992	0.809	1.53E-15	ieILC1 cycling	RAC2
GPR971	6.67E-20	0.590556279	0.727	0.329	1.56E-15	ieILC1 cycling	GPR97
CORO1C1	6.72E-20	0.277973015	0.523	0.172	1.57E-15	ieILC1 cycling	CORO1C
PDIA61	7.57E-20	0.422557588	0.886	0.433	1.77E-15	ieILC1 cycling	PDIA6
IAH1	8.26E-20	0.301706571	0.583	0.204	1.93E-15	ieILC1 cycling	IAH1
PARP1	8.40E-20	0.42683842	0.689	0.295	1.96E-15	ieILC1 cycling	PARP1
ECE11	8.76E-20	0.307717728	0.576	0.206	2.04E-15	ieILC1 cycling	ECE1
NUP50	9.64E-20	0.282767828	0.614	0.239	2.25E-15	ieILC1 cycling	NUP50
NUDC	9.96E-20	0.389344499	0.795	0.366	2.32E-15	ieILC1 cycling	NUDC
STIP11	1.03E-19	0.480795626	0.712	0.303	2.40E-15	ieILC1 cycling	STIP1
PRDX6	1.09E-19	0.318603513	0.765	0.323	2.55E-15	ieILC1 cycling	PRDX6
AURKAIP1	1.42E-19	0.268089329	0.705	0.275	3.31E-15	ieILC1 cycling	AURKAIP1
NUTF2	1.46E-19	0.269954	0.712	0.273	3.41E-15	ieILC1 cycling	NUTF2
HADH	1.95E-19	0.321473504	0.318	0.075	4.54E-15	ieILC1 cycling	HADH
VIM1	2.01E-19	0.378017718	0.947	0.584	4.68E-15	ieILC1 cycling	VIM
PSMB5	2.09E-19	0.338450156	0.379	0.102	4.87E-15	ieILC1 cycling	PSMB5
ALDOA1	2.22E-19	0.600672398	0.962	0.724	5.19E-15	ieILC1 cycling	ALDOA
NDUFS8	2.50E-19	0.314990158	0.856	0.402	5.82E-15	ieILC1 cycling	NDUFS8
DRG1	2.60E-19	0.38243682	0.508	0.172	6.06E-15	ieILC1 cycling	DRG1
PSMB7	2.88E-19	0.355192819	0.795	0.346	6.72E-15	ieILC1 cycling	PSMB7
CTLA4	3.17E-19	0.3095181	0.273	0.057	7.39E-15	ieILC1 cycling	CTLA4
KIR2DL41	3.27E-19	0.412317359	0.879	0.431	7.62E-15	ieILC1 cycling	KIR2DL4
NELFE	3.75E-19	0.282695143	0.553	0.191	8.76E-15	ieILC1 cycling	NELFE
TSTA3	4.64E-19	0.359754321	0.568	0.207	1.08E-14	ieILC1 cycling	TSTA3
HNRNPA3	5.16E-19	0.33008213	0.955	0.559	1.20E-14	ieILC1 cycling	HNRNPA3
HSPD12	7.89E-19	0.497429755	0.788	0.375	1.84E-14	ieILC1 cycling	HSPD1
NDUFA12	8.95E-19	0.35989687	0.864	0.439	2.09E-14	ieILC1 cycling	NDUFA12
ABHD3	1.13E-18	0.267544312	0.598	0.222	2.63E-14	ieILC1 cycling	ABHD3
PGK11	1.47E-18	0.523545109	0.962	0.631	3.43E-14	ieILC1 cycling	PGK1
CYB5B	1.96E-18	0.252154913	0.841	0.364	4.58E-14	ieILC1 cycling	CYB5B

VDAC11	2.18E-18	0.370894731	0.712	0.301	5.08E-14	ieILC1 cycling	VDAC1
HNRNPA2B1	2.70E-18	0.503787953	0.985	0.818	6.30E-14	ieILC1 cycling	HNRNPA2B1
PSMB31	3.27E-18	0.48276323	0.932	0.547	7.62E-14	ieILC1 cycling	PSMB3
UPP1	3.32E-18	0.292362178	0.659	0.268	7.74E-14	ieILC1 cycling	UPP1
CASP7	3.54E-18	0.262056466	0.417	0.127	8.26E-14	ieILC1 cycling	CASP7
CNTRL	3.60E-18	0.314845364	0.856	0.427	8.39E-14	ieILC1 cycling	CNTRL
CD591	3.72E-18	0.374729249	0.477	0.16	8.69E-14	ieILC1 cycling	CD59
CYSTM11	3.83E-18	0.271308062	0.364	0.101	8.93E-14	ieILC1 cycling	CYSTM1
FKBP1A1	4.80E-18	0.496349652	0.826	0.429	1.12E-13	ieILC1 cycling	FKBP1A
AIP	6.18E-18	0.289751585	0.727	0.299	1.44E-13	ieILC1 cycling	AIP
SLC25A391	6.24E-18	0.341540663	0.727	0.299	1.46E-13	ieILC1 cycling	SLC25A39
FBXO6	8.81E-18	0.267833807	0.508	0.175	2.06E-13	ieILC1 cycling	FBXO6
UQCRQ	1.09E-17	0.268072671	0.917	0.574	2.54E-13	ieILC1 cycling	UQCRQ
ATP5O	1.37E-17	0.300808224	0.818	0.4	3.20E-13	ieILC1 cycling	ATP5O
GBP11	1.44E-17	0.303863311	0.598	0.233	3.36E-13	ieILC1 cycling	GBP1
PSMD2	1.59E-17	0.311931289	0.72	0.307	3.70E-13	ieILC1 cycling	PSMD2
GSS	1.86E-17	0.264604864	0.417	0.126	4.35E-13	ieILC1 cycling	GSS
SHKBP1	1.96E-17	0.330081681	0.674	0.282	4.58E-13	ieILC1 cycling	SHKBP1
ADRM1	2.66E-17	0.25341369	0.705	0.293	6.20E-13	ieILC1 cycling	ADRM1
PLSCR11	3.16E-17	0.287120978	0.735	0.332	7.37E-13	ieILC1 cycling	PLSCR1
ST8SIA4	3.18E-17	0.293024299	0.561	0.223	7.43E-13	ieILC1 cycling	ST8SIA4
CCT6A	3.54E-17	0.286197615	0.773	0.351	8.25E-13	ieILC1 cycling	CCT6A
AP3M2	4.45E-17	0.295365147	0.295	0.074	1.04E-12	ieILC1 cycling	AP3M2
HADHA	4.47E-17	0.325358522	0.72	0.322	1.04E-12	ieILC1 cycling	HADHA
DDX41	4.53E-17	0.291463843	0.462	0.155	1.06E-12	ieILC1 cycling	DDX41
AKR1B1	4.63E-17	0.369581932	0.659	0.269	1.08E-12	ieILC1 cycling	AKR1B1
UFD1L	5.05E-17	0.300144619	0.652	0.271	1.18E-12	ieILC1 cycling	UFD1L
PSMB6	5.17E-17	0.376038974	0.864	0.425	1.21E-12	ieILC1 cycling	PSMB6
MRPL16	5.70E-17	0.269544051	0.538	0.194	1.33E-12	ieILC1 cycling	MRPL16
PSMD131	5.74E-17	0.343117369	0.788	0.366	1.34E-12	ieILC1 cycling	PSMD13
CXCR61	5.96E-17	0.275522569	0.538	0.195	1.39E-12	ieILC1 cycling	CXCR6

GYG11	6.45E-17	0.302166138	0.614	0.242	1.51E-12	ieILC1 cycling	GYG1
PPIA	8.69E-17	0.447398217	0.992	0.903	2.03E-12	ieILC1 cycling	PPIA
ITM2A1	9.41E-17	0.390301221	0.841	0.404	2.20E-12	ieILC1 cycling	ITM2A
UBB	1.14E-16	0.463178806	1	0.948	2.67E-12	ieILC1 cycling	UBB
HMG1	1.23E-16	0.433401146	0.97	0.642	2.86E-12	ieILC1 cycling	HMG1
MDM21	1.32E-16	0.381335801	0.682	0.301	3.08E-12	ieILC1 cycling	MDM2
HAVCR21	1.61E-16	0.351432498	0.886	0.456	3.76E-12	ieILC1 cycling	HAVCR2
PPP4C	1.71E-16	0.309985181	0.856	0.409	3.99E-12	ieILC1 cycling	PPP4C
PSMB8	1.74E-16	0.410898655	0.932	0.525	4.07E-12	ieILC1 cycling	PSMB8
COPS3	2.34E-16	0.252550118	0.5	0.172	5.46E-12	ieILC1 cycling	COPS3
PSMB91	2.88E-16	0.507246598	0.977	0.752	6.73E-12	ieILC1 cycling	PSMB9
POMP	3.42E-16	0.39020951	0.909	0.514	7.97E-12	ieILC1 cycling	POMP
PRPS2	3.58E-16	0.292634866	0.523	0.199	8.35E-12	ieILC1 cycling	PRPS2
MEA1	3.68E-16	0.311188984	0.644	0.264	8.58E-12	ieILC1 cycling	MEA1
FAM3C1	3.77E-16	0.29101092	0.614	0.246	8.81E-12	ieILC1 cycling	FAM3C
CDK61	4.33E-16	0.279432839	0.576	0.244	1.01E-11	ieILC1 cycling	CDK6
SIRPG1	4.44E-16	0.37547386	0.402	0.131	1.04E-11	ieILC1 cycling	SIRPG
C14orf1	5.40E-16	0.278745618	0.439	0.146	1.26E-11	ieILC1 cycling	C14orf1
CDKN2D	6.88E-16	0.36060007	0.576	0.231	1.60E-11	ieILC1 cycling	CDKN2D
HNRNPR	7.58E-16	0.30228362	0.932	0.498	1.77E-11	ieILC1 cycling	HNRNPR
SAMSN12	7.61E-16	0.292362049	0.902	0.468	1.77E-11	ieILC1 cycling	SAMSN1
NUCB21	7.69E-16	0.254226564	0.727	0.322	1.79E-11	ieILC1 cycling	NUCB2
NDUFB10	8.23E-16	0.319728058	0.712	0.328	1.92E-11	ieILC1 cycling	NDUFB10
CDC27	1.05E-15	0.259677487	0.538	0.21	2.45E-11	ieILC1 cycling	CDC27
CD741	1.07E-15	0.533919463	0.992	0.931	2.50E-11	ieILC1 cycling	CD74
XRCC5	1.15E-15	0.43091017	0.97	0.607	2.69E-11	ieILC1 cycling	XRCC5
DEGS11	1.21E-15	0.30655556	0.629	0.265	2.82E-11	ieILC1 cycling	DEGS1
ARL6IP1	1.23E-15	0.623738757	0.75	0.398	2.87E-11	ieILC1 cycling	ARL6IP1
ATP6V0B	1.26E-15	0.268525702	0.765	0.344	2.95E-11	ieILC1 cycling	ATP6V0B
SEC13	1.28E-15	0.307785141	0.553	0.219	2.98E-11	ieILC1 cycling	SEC13
HLA-DQA11	1.40E-15	0.293546174	0.356	0.11	3.26E-11	ieILC1 cycling	HLA-DQA1

NCF4	1.44E-15	0.300585958	0.258	0.063	3.37E-11	ieILC1 cycling	NCF4
NOP56	1.47E-15	0.3253363	0.682	0.309	3.43E-11	ieILC1 cycling	NOP56
CNIH1	1.48E-15	0.27693714	0.318	0.088	3.46E-11	ieILC1 cycling	CNIH1
ABI32	1.61E-15	0.268002906	0.795	0.374	3.76E-11	ieILC1 cycling	ABI3
PAICS	1.77E-15	0.351483311	0.333	0.099	4.13E-11	ieILC1 cycling	PAICS
PRKD3	1.86E-15	0.253243605	0.598	0.258	4.35E-11	ieILC1 cycling	PRKD3
PSMA7	1.99E-15	0.416112212	0.97	0.664	4.64E-11	ieILC1 cycling	PSMA7
SNRNP40	2.11E-15	0.315539658	0.561	0.225	4.92E-11	ieILC1 cycling	SNRNP40
DCAF7	4.06E-15	0.351611025	0.644	0.3	9.47E-11	ieILC1 cycling	DCAF7
PTGES3	4.07E-15	0.342108804	0.818	0.433	9.49E-11	ieILC1 cycling	PTGES3
ATP5G3	4.11E-15	0.348310824	0.902	0.487	9.58E-11	ieILC1 cycling	ATP5G3
PNP	4.29E-15	0.324716017	0.394	0.13	1.00E-10	ieILC1 cycling	PNP
TMX2	4.52E-15	0.261010464	0.462	0.165	1.06E-10	ieILC1 cycling	TMX2
SLC16A31	4.75E-15	0.27629195	0.629	0.268	1.11E-10	ieILC1 cycling	SLC16A3
TMSB4XP81	5.59E-15	0.270975228	1	0.997	1.30E-10	ieILC1 cycling	TMSB4XP8
ATP5J	6.68E-15	0.264981103	0.909	0.484	1.56E-10	ieILC1 cycling	ATP5J
C19orf53	7.94E-15	0.274750965	0.75	0.37	1.85E-10	ieILC1 cycling	C19orf53
EIF3I1	8.23E-15	0.310417287	0.765	0.366	1.92E-10	ieILC1 cycling	EIF3I
FES1	9.73E-15	0.277908317	0.598	0.253	2.27E-10	ieILC1 cycling	FES
TBCD2	1.35E-14	0.400655259	0.689	0.333	3.16E-10	ieILC1 cycling	TBCD
NOP10	1.64E-14	0.266316901	0.795	0.411	3.83E-10	ieILC1 cycling	NOP10
CCL4L11	1.73E-14	0.278379473	0.47	0.193	4.04E-10	ieILC1 cycling	CCL4L1
STARD3NL1	1.75E-14	0.280668368	0.795	0.39	4.07E-10	ieILC1 cycling	STARD3NL
PSMA4	1.91E-14	0.428621549	0.826	0.475	4.47E-10	ieILC1 cycling	PSMA4
CNN21	2.22E-14	0.337243559	0.856	0.447	5.18E-10	ieILC1 cycling	CNN2
COX6A1	3.21E-14	0.252289263	0.939	0.653	7.49E-10	ieILC1 cycling	COX6A1
HINT1	4.20E-14	0.324658119	0.917	0.556	9.81E-10	ieILC1 cycling	HINT1
PSMD11	5.83E-14	0.382423578	0.75	0.369	1.36E-09	ieILC1 cycling	PSMD11
IFI61	6.21E-14	0.267034068	0.742	0.362	1.45E-09	ieILC1 cycling	IFI6
HNRNPF	6.30E-14	0.333088954	0.833	0.446	1.47E-09	ieILC1 cycling	HNRNPF
EED	7.41E-14	0.296534147	0.409	0.15	1.73E-09	ieILC1 cycling	EED



SUMO2	7.81E-14	0.355552227	0.97	0.603	1.82E-09	ieILC1 cycling	SUMO2
DYNLL11	7.88E-14	0.365597343	0.765	0.399	1.84E-09	ieILC1 cycling	DYNLL1
CDC25B	9.58E-14	0.267131923	0.409	0.149	2.24E-09	ieILC1 cycling	CDC25B
CCL43	1.01E-13	0.636684854	0.947	0.676	2.36E-09	ieILC1 cycling	CCL4
FLOT11	1.21E-13	0.31042456	0.78	0.39	2.83E-09	ieILC1 cycling	FLOT1
GSTP11	1.21E-13	0.47711702	0.947	0.679	2.83E-09	ieILC1 cycling	GSTP1
CORO1A	1.52E-13	0.487320041	0.977	0.838	3.55E-09	ieILC1 cycling	CORO1A
TMED91	1.62E-13	0.268535002	0.697	0.329	3.79E-09	ieILC1 cycling	TMED9
MDH21	1.72E-13	0.2874502	0.735	0.356	4.02E-09	ieILC1 cycling	MDH2
PSMA5	2.06E-13	0.323339633	0.811	0.438	4.80E-09	ieILC1 cycling	PSMA5
CARS	2.23E-13	0.275881965	0.417	0.156	5.20E-09	ieILC1 cycling	CARS
PLEKHB21	2.60E-13	0.282391569	0.621	0.291	6.06E-09	ieILC1 cycling	PLEKHB2
LY6E1	2.75E-13	0.272835679	0.962	0.723	6.42E-09	ieILC1 cycling	LY6E
RSAD21	2.81E-13	0.287214713	0.348	0.117	6.55E-09	ieILC1 cycling	RSAD2
ATP5B1	2.81E-13	0.450512664	0.962	0.712	6.57E-09	ieILC1 cycling	ATP5B
TAP11	2.89E-13	0.338148784	0.894	0.531	6.75E-09	ieILC1 cycling	TAP1
CTSC1	2.92E-13	0.343897881	0.924	0.534	6.81E-09	ieILC1 cycling	CTSC
MIEN1	3.04E-13	0.258761734	0.667	0.299	7.10E-09	ieILC1 cycling	MIEN1
ARPC1B1	5.04E-13	0.386791105	0.985	0.695	1.17E-08	ieILC1 cycling	ARPC1B
EIF2S1	5.55E-13	0.323119518	0.598	0.28	1.29E-08	ieILC1 cycling	EIF2S1
SLC25A3	5.85E-13	0.294977753	0.909	0.495	1.36E-08	ieILC1 cycling	SLC25A3
TMSB4X1	6.08E-13	0.322903492	1	1	1.42E-08	ieILC1 cycling	TMSB4X
SNRPD2	7.98E-13	0.301075152	0.932	0.605	1.86E-08	ieILC1 cycling	SNRPD2
CDK2AP2	8.04E-13	0.305820365	0.811	0.431	1.88E-08	ieILC1 cycling	CDK2AP2
ALAS1	1.04E-12	0.281073483	0.364	0.125	2.42E-08	ieILC1 cycling	ALAS1
UNG	1.19E-12	0.345199855	0.295	0.092	2.78E-08	ieILC1 cycling	UNG
IFI161	1.25E-12	0.27783971	0.992	0.734	2.92E-08	ieILC1 cycling	IFI16
YWHAQ	1.30E-12	0.372846348	0.955	0.6	3.03E-08	ieILC1 cycling	YWHAQ
LDHB	1.35E-12	0.382065744	0.856	0.476	3.15E-08	ieILC1 cycling	LDHB
OAZ11	1.36E-12	0.344736536	0.985	0.876	3.17E-08	ieILC1 cycling	OAZ1
PARK7	2.02E-12	0.300139068	0.902	0.516	4.72E-08	ieILC1 cycling	PARK7

GALE1	2.33E-12	0.266523035	0.311	0.099	5.44E-08	ieILC1 cycling	GALE
POLR2G	2.65E-12	0.269997359	0.848	0.449	6.19E-08	ieILC1 cycling	POLR2G
SUSD31	2.79E-12	0.256578967	0.311	0.102	6.51E-08	ieILC1 cycling	SUSD3
S100A11	3.86E-12	0.296513624	0.939	0.628	9.02E-08	ieILC1 cycling	S100A11
HLA-DPA11	5.30E-12	0.424508135	0.795	0.449	1.24E-07	ieILC1 cycling	HLA-DPA1
PSMB1	6.50E-12	0.336151534	0.977	0.616	1.52E-07	ieILC1 cycling	PSMB1
SDCBP2	6.63E-12	0.254611606	0.803	0.431	1.55E-07	ieILC1 cycling	SDCBP
C19orf101	7.34E-12	0.265728321	0.727	0.353	1.71E-07	ieILC1 cycling	C19orf10
SRP9	7.74E-12	0.27503555	0.902	0.53	1.81E-07	ieILC1 cycling	SRP9
RHOA1	8.63E-12	0.386185117	0.962	0.724	2.01E-07	ieILC1 cycling	RHOA
IFI351	1.15E-11	0.295929848	0.598	0.291	2.67E-07	ieILC1 cycling	IFI35
LSP11	1.81E-11	0.396131571	0.977	0.807	4.22E-07	ieILC1 cycling	LSP1
CTSA1	2.30E-11	0.269123083	0.803	0.44	5.36E-07	ieILC1 cycling	CTSA
PPP1CA	2.97E-11	0.34912431	0.955	0.66	6.93E-07	ieILC1 cycling	PPP1CA
XRCC6	3.13E-11	0.278050406	0.879	0.53	7.31E-07	ieILC1 cycling	XRCC6
ATP5L	3.38E-11	0.258275755	0.962	0.763	7.88E-07	ieILC1 cycling	ATP5L
COPE1	4.32E-11	0.250377029	0.939	0.618	1.01E-06	ieILC1 cycling	COPE
LMAN2	4.45E-11	0.312520006	0.879	0.527	1.04E-06	ieILC1 cycling	LMAN2
TNFRSF182	5.85E-11	0.340916318	0.788	0.46	1.36E-06	ieILC1 cycling	TNFRSF18
TMEM41A	6.77E-11	0.285588608	0.288	0.098	1.58E-06	ieILC1 cycling	TMEM41A
WDR11	6.91E-11	0.271676288	0.879	0.537	1.61E-06	ieILC1 cycling	WDR1
TRAF2	1.37E-10	0.286247862	0.303	0.108	3.20E-06	ieILC1 cycling	TRAF2
CCL51	1.73E-10	0.319880241	0.977	0.797	4.04E-06	ieILC1 cycling	CCL5
ACTR31	1.81E-10	0.325526091	0.939	0.64	4.23E-06	ieILC1 cycling	ACTR3
HSPH12	2.30E-10	0.310594446	0.591	0.302	5.38E-06	ieILC1 cycling	HSPH1
CISH1	6.75E-10	0.272846412	0.28	0.097	1.58E-05	ieILC1 cycling	CISH
APOBEC3C2	7.59E-10	0.310030499	0.97	0.803	1.77E-05	ieILC1 cycling	APOBEC3C
MYL61	9.48E-10	0.273868607	0.985	0.952	2.21E-05	ieILC1 cycling	MYL6
CHI3L21	1.46E-09	0.270480249	0.295	0.11	3.40E-05	ieILC1 cycling	CHI3L2
KLRC12	9.09E-09	0.30141815	0.879	0.628	0.000212137	ieILC1 cycling	KLRC1
FCER1G1	1.44E-08	0.354581506	0.909	0.736	0.000336681	ieILC1 cycling	FCER1G

HSP90AA12	1.80E-08	0.339823181	0.992	0.864	0.000419672	ieILC1 cycling	HSP90AA1
CALM2	2.10E-08	0.404115323	0.985	0.862	0.000489663	ieILC1 cycling	CALM2
PRF11	3.23E-08	0.269694648	1	0.905	0.000752619	ieILC1 cycling	PRF1
TPM31	3.69E-08	0.256025458	1	0.868	0.00086192	ieILC1 cycling	TPM3
ATP5A11	6.74E-08	0.256437008	0.909	0.632	0.001573643	ieILC1 cycling	ATP5A1
APOBEC3G2	8.80E-08	0.252649367	0.962	0.697	0.002054123	ieILC1 cycling	APOBEC3G
CLIC1	8.82E-08	0.254206456	0.97	0.809	0.00205805	ieILC1 cycling	CLIC1
TRDC1	1.09E-07	0.267012913	0.962	0.795	0.002541854	ieILC1 cycling	TRDC
SH3BGRL31	3.07E-07	0.275577585	0.985	0.929	0.007165783	ieILC1 cycling	SH3BGRL3