

Gene	Ensembl ID	CD4+ Lymphocytes	CD8+ Lymphocytes	Embryonic liver	embryonic skeletal muscle	Fibroblasts	Heart muscle	Keratinocytes	Liver	Melanocytes	Placenta	Skeletal muscle	Sperm
ZNRF3	ENSG00000183579	90	90	80	30	80	70	90	90	90	60	30	100
SLC7A4	OTTHUMG00000030129	0	0	0	0	0	0	10	10	50	10	0	0
Myosin-18B (MYO18B)	ENSG00000133454	100	90	80	40	90	60	90	90	90	50	40	NA
glycoprotein Ib (platelet), beta polypeptide	OTTHUMT00000075045	10	10	10	70	90	20	40	10	50	70	80	0
RP1-47A17.8	OTTHUMG00000030878	80	80	70	20	20	80	90	80	70	70	60	90
Oncostatin M (OSM)	ENSG00000099985	0	0	40	90	90	90	100	90	100	90	90	90
CTA-299D3.6	OTTHUMG00000030140	90	90	80	70	70	70	90	80	30	70	70	100
CTA-941F9.6	OTTHUMG00000030231	90	90	90	80	90	90	10	80	90	90	80	90
Cytohesin-4	ENSG00000100055	0	0	30	50	50	50	10	50	60	30	50	90
PIB5PA	ENSG00000185133	60	70	60	10	10	10	10	20	10	10	10	60
SUSD2	ENSG00000099994	100	90	80	40	50	80	40	60	50	60	50	90
No gene associated	NA	90	90	80	30	10	40	10	60	60	20	20	90
RP3-438O4.2	OTTHUMG00000030922	90	90	90	30	10	70	20	80	20	20	20	90
RP4-756G23.1	OTTHUMG00000030852	90	90	80	50	50	80	80	90	20	70	50	90
Somatostatin receptor type 3 (SSTR3)	ENSG00000183473	90	90	80	30	10	20	40	30	20	20	20	90
Bcl-2 interacting killer (BIK)	ENSG00000100290	20	40	40	50	80	80	90	80	80	80	50	90
GAS2L1	ENSG00000185340	90	90	90	80	80	80	10	90	90	90	70	20
RP3-355C18.2	OTTHUMG00000030072	60	60	80	70	60	80	10	70	80	50	50	100
Gamma-parvin	ENSG00000138964	30	20	70	90	90	90	90	80	90	80	90	100
CARMA 3	ENSG00000100065	100	100	90	NA	80	90	80	100	90	80	50	100
TMPRSS6	ENSG00000187045	10	30	50	0	10	30	60	80	10	30	0	0
Platelet-derived growth factor B chain precursor (PDGFB)	ENSG00000100311	20	20	20	0	50	30	10	70	70	20	20	0
CELSR1 Cadherin	ENSG00000075275	10	10	40	60	70	70	80	80	80	80	60	0
T-box transcription factor (TBX1)	ENSG00000184058	10	10	NA	40	80	10	0	20	70	80	70	NA
Q6ZRW2_HUMAN	ENSG00000178199	40	30	70	30	30	60	20	80	40	60	20	100
NKG2DL4 (RAET1E)	ENSG00000164520	70	90	70	70	50	80	0	100	70	50	50	100

DAAM2	ENSG00000146122	90	90	90	60	90	90	90	20	90	90	80	100
RP1-47M23.1	OTTHUMG00000015313	10	0	20	40	40	80	70	40	60	60	60	90
RP11-397G17.1	OTTHUMG00000014829	90	90	80	90	80	90	20	50	80	70	80	90
Nesprin-1 (Syne-1)	ENSG00000131018	100	100	70	NA	10	20	10	40	0	60	20	90
Myogenic repressor I-mf (MDFI)	ENSG00000112559	80	80	50	50	80	40	0	50	60	50	80	0
RP11-174C7.4	OTTHUMG00000015553	80	80	80	40	0	50	70	80	50	40	30	80
CMAH	OTTHUMG00000016099	90	100	90	80	90	90	0	90	100	90	80	0
PKHD1	ENSG00000170927	90	80	70	50	40	50	10	40	30	50	60	100
glutathione peroxidase 5 (GPX5)	OTTHUMG00000016307	20	10	30	80	40	50	90	70	40	80	70	100
GRIK2	ENSG00000164418	10	20	10	10	80	20	90	10	70	50	10	10
SLC22A1	ENSG00000112499	100	100	100	90	100	100	100	60	100	90	100	100
RP11-235G24.1	OTTHUMG00000015959	90	90	80	90	50	80	90	60	70	80	90	80
TBX18	ENSG00000112837	10	20	0	40	90	30	10	20	60	40	60	10
TGM3	ENSG00000125780	90	80	70	NA	70	70	30	90	80	50	40	90
RIN2	OTTHUMG000000031996	30	50	40	20	20	20	90	90	20	30	10	NA
SLC24A3	OTTHUMG000000031993	100	100	100	60	90	80	90	90	90	NA	50	NA
Q9ULE8_HUMAN	ENSG00000188559	100	100	80	NA	90	100	0	60	100	90	100	100
C20orf117	OTTHUMG000000032395	80	90	70	10	0	30	10	50	10	20	40	10
Breast carcinoma amplified sequence 4 (BCAS4)	ENSG00000124243	10	10	10	20	20	20	10	20	70	20	30	80
nuclear factor of activated T-cells (NFATC2)	OTTHUMG000000032747	100	90	90	40	10	70	10	50	10	40	40	100
SCUBE1	ENSG00000159307	10	10	0	40	70	60	50	20	80	60	70	70
JAG1	ENSG00000101384	100	100	100	90	100	90	10	100	100	40	30	100

Table S2