

Supplementary Data 2.

DEGs encoding cell-surface proteins.

Date include DEGs from Supplementary Data 1, identified in the in silico human surfaceome list of all predicted membrane proteins.

Cluster	Cell-surface protein encoding genes
1.1	PIGR
1.1	KIAA0922
1.1	CXCR4
1.1	LRP6
1.1	GLIPR1
1.1	HCAR2
1.1	FGFR1
1.1	CLDN1
1.1	SLC20A2
1.1	GABRP
1.1	MET
1.1	SLC9A7
1.1	ATP13A3
1.1	DSG3
1.1	HLA-DRA
1.1	PTPRJ
1.1	TGFBR3
1.1	NTRK2
1.1	TNFRSF11A
1.1	FAS
1.2	CLDN1
1.2	GLIPR1
1.2	ITGA2
1.2	GABRP
1.2	ZPLD1
1.2	DSG3
1.2	ITGB8
1.2	MET
1.2	HCAR2
1.2	CDCP1
1.2	PLAUR
1.2	PIGR
1.2	EGFR
1.2	BACE2
1.2	SLC20A2
1.2	CD55
1.2	SLC28A3
1.2	DSG2
1.2	PROM1
1.2	SLC6A14
1.2	VNN1
1.2	EFNA5
1.2	IFNAR2
1.2	SLC39A14
1.2	GPM6B
1.3	SLC12A2

1.3	LRP1B
1.3	EFNA5
1.3	VNN1
1.3	EGFR
1.3	SEMA6A
1.3	PROM1
1.3	SLC34A2
1.3	VNN3
1.3	KIT
1.3	PIGR
1.3	EVA1C
1.3	ITGB8
1.3	SLC28A3
1.3	LINGO2
1.3	CHPT1
1.3	SLC26A2
1.3	SLC6A14
1.3	PLXDC2
1.3	TGFBR3
1.3	SLC39A14
1.3	BACE2
1.4	EVA1C
1.4	VNN3
1.4	CHODL
1.4	SLC34A2
1.4	PROM1
1.4	KIT
1.4	DCHS2
1.4	EFNA5
1.4	CHPT1
1.4	SEMA6A
1.4	CNTN4
1.4	LRP1B
1.4	SLC28A3
1.4	GABRP
1.4	SLC26A2
1.4	PLXDC2
1.4	SLC39A8
1.4	VNN1
1.4	PODXL
1.4	TLR2
1.4	GHR
1.4	OSMR
1.4	PIGR
1.4	SLC12A2
1.4	LRIG1
1.4	TRABD2B

1.4	EGFR
1.4	SLC39A14
1.4	NALCN
1.4	RNF150
1.4	PLA2R1
1.4	SLC11A2
1.4	CLEC7A
1.4	ITGB8
1.4	SGCZ
1.4	SLC5A6
1.4	CX3CL1
1.4	SLC24A3
1.4	IFNAR2
2.1	AREG
2.1	TSPAN5
2.1	ADAM32
2.1	EREG
2.1	ERBB4
2.1	ALCAM
2.1	ITGAV
2.1	EFNA1
2.1	SLC2A1
2.1	SLC39A6
2.1	TFPI
2.1	SDC2
2.1	ECE1
2.2	TNFSF11
2.2	F3
2.2	SLC39A6
2.2	PRLR
2.2	AREG
2.2	ERBB4
2.2	HEPACAM2
2.2	SDC2
2.2	TSPAN5
2.2	ENPP1
2.2	SLC7A2
2.2	KIAA1324
2.2	LPAR3
2.2	IL20RA
2.2	NRXN3
2.2	ERBB2
2.2	VTCN1
2.2	MEGF9
2.2	TSPAN1
2.2	ECE1
2.3	AREG

2.3	PTGER3
2.3	SLC39A6
2.3	SDC2
2.3	TNFSF11
2.3	SEMA4A
2.3	ADAM32
2.3	SLC38A2
2.3	TSPAN1
2.3	F3
2.3	APLP2
2.3	KIAA0319
2.3	GLRA1
2.3	LSAMP
2.3	CD164
2.3	CNNM4
2.3	CD63
2.3	PRLR
2.3	SLC10A1
2.3	EFNA1
2.3	TMPRSS11E
2.3	GRIK4
2.3	DDR2
2.3	EFNB2
2.3	ERBB4
2.3	KIAA1324
2.3	NUP210L
2.3	HEPACAM2
2.3	FAM171B
2.3	SLC9A1
2.3	BAMBI
2.3	TSPAN6
2.3	TFPI
2.3	VTCN1
2.3	LDLR
2.3	LPAR3
2.3	GUCY2C
2.3	FAT1
2.4	SLC38A2
2.4	TFPI
2.4	AREG
2.4	ITGAV
2.4	SLC39A10
2.4	CD9
2.4	ALCAM
2.4	ANO6
2.4	ERBB4
2.4	TPBG

2.4	GPRC5A
2.4	LSAMP
2.4	CLSTN2
2.4	TSPAN5
2.4	PTPRM
2.4	CD63
2.4	ATP2B4
2.4	EREG
2.4	LYPD6B
2.4	TGFBR1
2.4	FAT1
2.4	ADAM10
2.5	TSPAN1
2.5	SLC7A2
2.5	ERBB4
2.5	ALCAM
2.5	TFPI
2.5	EREG
2.5	LYPD6B
2.5	ENPP1
2.5	SLC38A2
2.5	PRLR
2.5	CD9
2.5	TPCN1
2.5	PTPRM
2.5	SEMA4B
2.5	ITFG1
2.5	LSAMP
2.5	CD63
2.5	ABCC3
2.5	ITGA3
2.5	ITGAV
2.5	ADAM10
2.5	SLC44A4
2.6	EFNA1
2.6	EREG
2.6	ALCAM
2.6	LSAMP
2.6	ITGB6
2.6	SLC22A23
2.6	CX3CL1
2.6	TSPAN5
2.6	ECE1
2.6	IFNGR2
2.6	ICAM1
2.6	ITGAV
2.6	PLAUR

2.6	SPPL2A
2.6	TFPI
2.6	ANO6
3	SLC4A7
3	IGSF1
3	SLC39A6
3	GLRA3
3	TSPAN5
3	CA12
0	HLA-DRA
0	CD74
0	HLA-DRB1
0	CSF2RA
0	HLA-DQA1
0	PLXDC2
0	SLC1A3
0	CD83
0	GPR183
0	ADAM28
0	PTPRC
0	PKD2
0	SLC2A3
0	CD53
0	PECAM1
0	HLA-DRB5
0	HLA-DPB1
0	MSR1
0	HLA-DPA1
0	NRP2
0	ATP13A3
0	LPAR6
0	ENTPD1
0	HLA-E
0	C5AR1
0	HLA-A
0	ABCA1
0	CLMP
0	IL2RA
0	PCNX
0	PLXNC1
0	NRP1
0	TNFRSF1B
0	ATP1B3
0	SLC8A1
0	CACNA1C
0	ROBO1
0	HAVCR2

0	FCGR2A
0	GPNMB
0	AXL
0	GJA1
0	DIRC2
0	CD86
0	PILRA
0	CALCRL
0	EDA
0	IL1RAP
0	CD80
0	IL15RA
0	C3AR1
0	GPR137B
0	HLA-DQB1
0	MCAM
0	PLVAP
0	P2RX7
0	ENG
0	PTGER4
0	MERTK
0	HLA-DQA2
0	FLT1