

Supplemental Table 3. A list of all 136 human cell differentiation (CD) molecules identified from trauma patient plasma.

CD	Accession #	Peptide ^a	Protein name	Gene ID	Gene	TM ^b
CD9	IPI00215997.4	1	CD9 antigen.	928	CD9	4
CD10	IPI00247063.2	1	Nepriylsin.	4311	MME	1
CD13	IPI00221224.4	44	Aminopeptidase N.	290	ANPEP	1
CD14	IPI00029260.2	27	Monocyte differentiation antigen CD14.	929	CD14	0
CD16a	IPI00218834.8	10	Low affinity immunoglobulin gamma Fc region receptor III-A.	2214	FCGR3A	1
CD16b	IPI00023858.1	12	Low affinity immunoglobulin gamma Fc region receptor III-B.	2215	FCGR3B	1
CD18	IPI00291792.1	1	Integrin beta-2.	3689	ITGB2	1
CD21	IPI00292859.1	10	Complement receptor type 2.	1380	CR2	1
CD26	IPI00018953.1	23	Dipeptidyl peptidase IV.	1803	DPP4	1
CD27	IPI00002435.1	1	Tumor necrosis factor receptor superfamily member 7.	939	TNFRSF7	1
CD29	IPI00217563.3	10	Integrin beta-1.	3688	ITGB1	1
CD31	IPI00295618.1	5	Platelet endothelial cell adhesion molecule.	5175	PECAM1	1
CD32	IPI00023505.3	3	Low affinity immunoglobulin gamma Fc region receptor II-A.	2212	FCGR2A	1
CD32	IPI00013969.1	1	Low affinity immunoglobulin gamma Fc region receptor II-B.	2213	FCGR2B	1
CD33	IPI00022203.1	1	Myeloid cell surface antigen CD33.	945	CD33	1
CD35	IPI00412546.1	9	Complement receptor 1.	1378	CR1	1
CD36	IPI00418495.4	1	Platelet glycoprotein IV.	948	CD36	2
CD37	IPI00003400.1	1	Leukocyte antigen CD37.	951	CD37	4
CD41	IPI00295976.4	9	Integrin alpha-IIB.	3674	ITGA2B	1
CD42a	IPI00027502.1	1	Platelet glycoprotein IX.	2815	GP9	1
CD42b	IPI00011255.3	13	Platelet glycoprotein IB alpha chain.	2811	GP1BA	1
CD42d	IPI00027410.1	14	Platelet glycoprotein V.	2814	GP5	1
CD44	IPI00305064.1	9	CD44 antigen.	960	CD44	1
CD45	IPI00155168.1	6	Leukocyte common antigen.	5788	PTPRC	2
CD48	IPI00013831.1	3	B-lymphocyte activation marker BLAST-1.	962	CD48	1
CD49a	IPI00554627.1	1	Integrin alpha-1.	3672	ITGA1	1
CD49c	IPI00215995.1	1	Integrin alpha-3.	3675	ITGA3	2
CD49e	IPI00306604.5	5	Integrin alpha-5.	3678	ITGA5	1
CD49f	IPI00010697.1	3	Integrin alpha-6.	3655	ITGA6	1
CD50	IPI00031620.1	12	Intercellular adhesion molecule-3.	3385	ICAM3	1

CD54	IPI00008494.3	27	Intercellular adhesion molecule-1.	3383	ICAM1	1
CD55	IPI00292069.3	8	Complement decay-accelerating factor.	1604	DAF	0
CD56	IPI00435020.3	17	Neural cell adhesion molecule 1, 140 kDa isoform.	4684	NCAM1	1
CD58	IPI00017529.1	1	Lymphocyte function-associated antigen 3.	965	CD58	2
CD59	IPI00011302.1	7	CD59 glycoprotein.	966	CD59	0
CD61	IPI00220350.1	10	Integrin beta-3.	3690	ITGB3	1
CD62E	IPI00296542.1	7	E-selectin.	6401	SELE	1
CD62L	IPI00218795.1	24	L-selectin.	6402	SELL	1
CD62P	IPI00295339.3	13	P-selectin.	6403	SELP	1
CD66a	IPI00009938.1	6	Carcinoembryonic antigen-related cell adhesion molecule 1.	634	CEACAM1	1
CD71	IPI00022462.1	2	Transferrin receptor protein 1.	7037	TFRC	1
CD84	IPI00022039.1	2	Leukocyte antigen CD84.	8832	CD84	1
CD85c	IPI00009961.1	7	Leukocyte immunoglobulin-like receptor subfamily B member 5.	10990	LILRB5	1
CD85d	IPI00303952.3	2	Leukocyte immunoglobulin-like receptor subfamily B member 2.	10288	LILRB2	1
CD85e	IPI00329104.4	13	Leukocyte immunoglobulin-like receptor subfamily A member 3.	11026	LILRA3	0
CD85h	IPI00027972.1	4	Leukocyte immunoglobulin-like receptor subfamily A member 2.	11027	LILRA2	0
CD85j	IPI00385705.1	3	Leukocyte immunoglobulin-like receptor subfamily B member 1.	10859	LILRB1	1
CD90	IPI00022892.2	1	Thy-1 membrane glycoprotein.	7070	THY1	0
CD91	IPI00020557.1	70	Low-density lipoprotein receptor-related protein 1.	4035	LRP1	1
CDw92	IPI00005068.2	1	Choline transporter-like protein.	23446	CDW92	9
CD93	IPI00299485.3	11	Complement component C1q receptor.	22918	C1QR1	1
CD95	IPI00235003.9	2	Tumor necrosis factor receptor superfamily member 6.	355	FAS	0
CD98	IPI00027493.1	14	4F2 cell-surface antigen heavy chain.	6520	SLC3A2	1
CD99	IPI00253036.5	4	T-cell surface glycoprotein E2.	4267	CD99	2
CD100	IPI00023807.1	2	Semaphorin 4D.	10507	SEMA4D	2
CD102	IPI00009477.3	14	Intercellular adhesion molecule-2.	3384	ICAM2	1
CD103	IPI00007205.1	1	Integrin alpha-E.	3682	ITGAE	1
CD105	IPI00017567.3	6	Endoglin.	2022	ENG	1
CD106	IPI00018136.1	49	Vascular cell adhesion protein 1.	7412	VCAM1	1
CD107a	IPI00004503.3	16	Lysosome-associated membrane glycoprotein 1.	3916	LAMP1	1
CD107b	IPI00009030.1	14	Lysosome-associated membrane glycoprotein 2.	3920	LAMP2	1
CD108	IPI00025257.1	8	Semaphorin 7A.	8482	SEMA7A	0
CD109	IPI00152540.2	17	CD109.	135228	CD109	0

CD111	IPI0003648.2	7	Poliovirus receptor related protein 1.	5818	PVRL1	2
CD112	IPI00215980.1	3	Poliovirus receptor related protein 2.	5819	PVRL2	1
CDw113	IPI00022959.1	5	Nectin 3.	25945	PVRL3	1
CD115	IPI00011218.1	17	Macrophage colony stimulating factor I receptor.	1436	CSF1R	1
CD116	IPI00012009.1	1	Granulocyte-macrophage colony-stimulating factor receptor alpha chain.	1438	CSF2RA	1
CD117	IPI00022296.1	14	Mast/stem cell growth factor receptor.	3815	KIT	2
CD120a	IPI00018880.2	2	Tumor necrosis factor receptor superfamily member 1A.	7132	TNFRSF1A	2
CD120b	IPI00023501.2	2	Tumor necrosis factor receptor superfamily member 1B.	7133	TNFRSF1B	1
CD121a	IPI00027508.1	1	Interleukin-1 receptor, type I.	3554	IL1R1	1
CD121b	IPI00021382.1	9	Interleukin-1 receptor, type II.	7850	IL1R2	1
CDw125	IPI00306687.3	1	Interleukin-5 receptor alpha chain.	3568	IL5RA	1
CD126	IPI00031171.1	3	Interleukin-6 receptor alpha chain.	3570	IL6R	1
CD130	IPI00297124.1	17	Interleukin-6 receptor beta chain.	3572	IL6ST	1
CD135	IPI00005722.5	1	fms-related tyrosine kinase 3.	2322	FLT3	2
CD138	IPI00002441.1	1	Syndecan-1.	6382	SDC1	1
CD140b	IPI00015902.3	3	Beta platelet-derived growth factor receptor.	5159	PDGFRB	1
CD141	IPI00010737.1	2	Thrombomodulin.	7056	THBD	1
CD143	IPI00437751.1	16	Angiotensin-converting enzyme, somatic isoform.	1636	ACE	1
CD144	IPI00012792.1	24	Vascular endothelial-cadherin.	1003	CDH5	2
CD146	IPI00016334.1	16	Cell surface glycoprotein MUC18.	4162	MCAM	1
CD147	IPI00218019.1	1	Basigin.	682	BSG	2
CD148	IPI00290328.2	22	Receptor-type tyrosine-protein phosphatase eta.	5795	PTPRJ	1
CD151	IPI00298851.3	1	Platelet-endothelial tetraspan antigen 3.	977	CD151	4
CD155	IPI00299158.1	12	Poliovirus receptor.	5817	PVR	1
CD156b	IPI00288894.1	1	ADAM 17.	6868	ADAM17	1
CDw156C	IPI00013897.1	1	ADAM 10.	102	ADAM10	1
CD157	IPI00026240.1	16	ADP-ribosyl cyclase 2.	683	BST1	1
CD162	IPI00029591.1	1	P-selectin glycoprotein ligand 1.	6404	SELPLG	1
CD163	IPI00513892.1	59	CD163 antigen isoform B.	9332	CD163	2
CD166	IPI00015102.1	22	CD166 antigen.	214	ALCAM	1
CD171	IPI00027087.1	4	Neural cell adhesion molecule L1.	3897	L1CAM	1
CD172a	IPI00332887.3	9	Protein tyrosine phosphatase, non-receptor type substrate 1.	140885	PTPNS1	1
CD172b	IPI00299724.1	3	Signal-regulatory protein beta-1.	10326	SIRPB1	1

CD179b	IPI00013438.1	3	Immunoglobulin lambda-like polypeptide 1.	3543	IGLL1	0
CD180	IPI00023722.1	1	CD180 antigen.	4064	LY64	1
CD182	IPI00012320.1	1	High affinity interleukin-8 receptor B.	3579	IL8RB	6
CD195	IPI00023213.3	1	CC chemokine receptor 5.	1234	CCR5	6
CD201	IPI00009276.1	5	Endothelial protein C receptor.	10544	PROCR	1
CD202b	IPI00412829.1	1	Angiopoietin 1 receptor.	7010	TEK	1
CD205	IPI00027381.2	1	Lymphocyte antigen 75.	4065	LY75	1
CD206	IPI00027848.1	45	Macrophage mannose receptor.	4360	MRC1	1
CD208	IPI00004307.1	1	Lysosomal-associated membrane protein 3.	27074	LAMP3	1
CDw210a	IPI00014417.1	1	Interleukin-10 receptor alpha chain.	3587	IL10RA	1
CDw210b	IPI00171871.4	1	Interleukin-10 receptor beta chain.	3588	IL10RB	1
CD213a1	IPI00020354.1	4	Interleukin-13 receptor alpha-1 chain.	3597	IL13RA1	2
CDw217	IPI00304993.3	1	Interleukin-17 receptor.	23765	IL17R	2
CD222	IPI00289819.4	43	Cation-independent mannose-6-phosphate receptor.	3482	IGF2R	1
CD224	IPI00018901.1	2	Gamma-glutamyltranspeptidase 1.	2678	GGT1	3
CD228	IPI00029275.1	1	Melanotransferrin.	4241	MFI2	0
CD230	IPI00022284.3	1	Major prion protein.	5621	PRNP	2
CD233	IPI00022361.1	3	Band 3 anion transport protein.	6521	SLC4A1	11
CD239	IPI00002406.1	4	Lutheran blood group glycoprotein.	4059	LU	1
CD248	IPI00006971.1	4	Tumor endothelial marker 1.	57124	CD248	1
CD249	IPI00014375.1	4	Glutamyl aminopeptidase.	2028	ENPEP	1
CD263	IPI00021970.7	1	Tumor necrosis factor receptor superfamily member 10C.	8794	TNFRSF10C	2
CD276	IPI00019275.2	4	B7 homolog.	80381	CD276	1
CD280	IPI00005707.5	12	Urokinase receptor-associated protein uPARAP.	9902	MRC2	1
CD284	IPI00008673.1	1	Toll-like receptor 4.	7099	TLR4	1
CD297	IPI00004065.2	3	Ecto-ADP-ribosyltransferase 4.	420	DO	0
CD300a	IPI00414784.1	1	CMRF35-H antigen.	11314	CD300A	1
CD304	IPI00299594.1	32	Neuropilin-1.	8829	NRP1	1
CD305	IPI00028015.1	1	Leukocyte-associated Ig-like receptor 1 isoform B.	3903	LAIR1	1
CD309	IPI00021396.1	1	Vascular endothelial growth factor receptor 2.	3791	KDR	2
CD312	IPI00296277.5	1	EGF-like module containing mucin-like hormone receptor-like 2.	30817	EMR2	7
CD317	IPI00026241.1	2	Bone marrow stromal antigen 2.	684	BST2	1
CD321	IPI00001754.1	1	Junctional adhesion molecule 1.	50848	F11R	2

CD322	IPI00299083.5	1	Junctional adhesion molecule 2.	58494	JAM2	1
CD324	IPI00025861.2	7	E-cadherin.	999	CDH1	1
CDw325	IPI00290085.1	9	Neural-cadherin.	1000	CDH2	1
CDw327	IPI00171897.4	1	Sialic acid binding Ig-like lectin 6 isoform A.	946	SIGLEC6	1
CD331	IPI00005142.1	6	Basic fibroblast growth factor receptor 1.	2260	FGFR1	1
CD332	IPI00010777.1	1	Fibroblast growth factor receptor 2.	2263	FGFR2	1
CD334	IPI00304578.1	2	Fibroblast growth factor receptor 4.	2264	FGFR4	0
CD339	IPI00099650.2	1	Jagged 1.	182	JAG1	1

^a Number of unique peptides identified for each protein.

^b Number of transmembrane domains predicted by TMHMM model.