domain	term.id	term name	term.size(T)	query.size(Q)	overlap.size(Q&T)	adjusted.p-value	(Q∩T)/T	(Q∩T)/Q	local.hierarchy.depth	participated.genes
CC	GO:0000323	lytic vacuole	456	487	28	0.00396	0.057	0.061	1	GZMB,CD74,H2-AA,SLC11A1,IRGM1,CTSS,LAT,HCK,TLR7,TLR9,ACP5,CTSC,CP,GFAP,CD68,CTSH,CD300A,LAPTM5,BTK,IFITM3,CTSZ,DNASE2A,GRN,TNFAIP3,LAT2,NAPSA,UNC13D,MILR1
CC	GO:0005764	lysosome	456	487	28	0.00396	0.057	0.061	2	GZMB,CD74,H2-AA,SLC11A1,IRGM1,CTSS,LAT,HCK,TLR7,TLR9,ACP5,CTSC,CP,GFAP,CD68,CTSH,CD300A,LAPTM5,BTK,IFITM3,CTSZ,DNASE2A,GRN,TNFAIP3,LAT2,NAPSA,UNC13D,MILR1
CC	GO:0005576	extracellular region	4557	490	179	5.26E-13	0.365	0.039	1	CCL1,CCL5,C3,CHIL3,CXCL9,H2-Q7,CD74,CCL8,FCGR4,LCN2,SERPINA3G,H2-Q6,CD22,AOAH,CXCL10,LRG1,LY22,CCL12,IIGP1,MYO1G,H2-Q4,H2-K1,LGALS3,ITGAL,PSMB8,H2-D1,SPINT1,BPIFB4,PSMB9,IRGM2,B2M,GBP2,BST2,H2-T23,CTSS,GBP6,A2M,C4B,CD84,C1RA,ST14,CD48,SERPINA3N,S100A9,S100A8,RAC2,RASAL3,ITGB7,NAIP2,XDH,LGALS3BP,LTB,CD274,C1QA,ICAM1,WFDC17,TTR,PYCARD,GBP4,CCL6,C1S1,CXCL16,TNFSF13B,WAS,CD44,C1QB,TLR9,DLK1,C1QC,ACP5,ICOSL,PTPN6,GSDMD,FERMT3,CD163,UGT1A7C,NGP,CTSC,CD86,GBP3,LCP1,CAPG,DOCK2,H2-DMA,HAVCR2,S100A4,FAS,LY86,PLCG2,CD37,FGL2,CP,F13A1,LAIR1,PLA1A,CTSH,GBP7,GBP9,TSPO,HIST1H4H,LSP1,PRKCD,IL1A,TMEM106A,SERPING1,MLPH,TREM2,LGALS9,FKBP5,CD14,TGFBI,NCKAP1L,CD300A,FGFBP1,VWF,PLAU,IL6RA,LCK,IL4RA,APOC1,IFITM3,ECM1,CMTM7,CD53,ADM,TOR3A,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A,MERTK,ITIH3,GRN,CCDC3,COL1A1,APLN,MYOC,P8SS35,KLK6,COL2BA1,GKN3,CFB,CST7,HP,EBI3,CCL9,ANG,LTBP2,TNFAIP3,LIPH,CASP4,STEAP4,PLBD1,RETNLG,GBP10,LY6GS5B,PLAUR,GPX6,PON3,LAT2,CCL17,MMP2,F10,APOL9A,NAPSA,IL16,NPPC,CNMD,C2,SPN,CCL2,UPK1B,VMO1,CAMP,MILR1,BGLAP2
CC	GO:0044421	extracellular region part	3990	484	158	1.36E-11	0.326	0.04	2	CCL1,CCL5,C3,CXCL9,H2-Q7,CD74,CCL8,FCGR4,LCN2,SERPINA3G,H2-Q6,CD22,CXCL10,LRG1,LY22,CCL12,MYO1G,H2-Q4,H2-K1,LGALS3,ITGAL,PSMB8,H2-D1,SPINT1,PSMB9,B2M,BST2,H2-T23,CTSS,GBP6,A2M,C4B,CD84,C1RA,ST14,CD48,SERPINA3N,S100A9,S100A8,RAC2,RASAL3,ITGB7,NAIP2,XDH,LGALS3BP,LTB,CD274,C1QA,ICAM1,TTR,GBP4,CCL6,CXCL16,TNFSF13B,WAS,CD44,C1QB,TLR9,DLK1,C1QC,ACP5,ICOSL,PTPN6,GSDMD,FERMT3,UGT1A7C,NGP,CTSC,CD86,GBP3,LCP1,CAPG,DOCK2,H2-DMA,HAVCR2,S100A4,FAS,LY86,PLCG2,CD37,FGL2,CP,F13A1,LAIR1,PLA1A,CTSH,GBP7,GBP9,TSPO,HIST1H4H,LSP1,PRKCD,IL1A,TMEM106A,SERPING1,MLPH,FKBP5,CD14,TGFBI,NCKAP1L,CD300A,FGFBP1,VWF,PLAU,IL6RA,LCK,IL4RA,APOC1,IFITM3,ECM1,CMTM7,CD53,ADM,TOR3A,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A,MERTK,ITIH3,GRN,COL1A1,APLN,MYOC,KLK6,COL2BA1,GKN3,CFB,HP,EBI3,CCL9,ANG,LTBP2,TNFAIP3,LIPH,STEAP4,PLBD1,RETNLG,GBP10,PLAUR,PON3,LAT2,CCL17,MMP2,NAPSA,IL16,NPPC,CNMD,C2,SPN,CCL2,UPK1B,VMO1,CAMP
CC	GO:0005615	extracellular space	3792	484	151	4.84E-11	0.312	0.04	3	CCL1,CCL5,C3,CXCL9,H2-Q7,CD74,CCL8,FCGR4,LCN2,SERPINA3G,H2-Q6,CD22,CXCL10,LRG1,LY22,CCL12,MYO1G,H2-Q4,H2-K1,LGALS3,ITGAL,PSMB8,H2-D1,SPINT1,PSMB9,B2M,BST2,H2-T23,CTSS,GBP6,A2M,C4B,CD84,C1RA,ST14,CD48,SERPINA3N,S100A9,S100A8,RAC2,RASAL3,ITGB7,NAIP2,XDH,LGALS3BP,LTB,CD274,C1QA,ICAM1,TTR,GBP4,CCL6,CXCL16,TNFSF13B,WAS,CD44,C1QB,TLR9,DLK1,C1QC,ACP5,ICOSL,PTPN6,GSDMD,FERMT3,UGT1A7C,NGP,CTSC,CD86,LCP1,CAPG,DOCK2,H2-DMA,HAVCR2,S100A4,FAS,LY86,PLCG2,CD37,FGL2,CP,F13A1,LAIR1,PLA1A,CTSH,GBP9,TSPO,HIST1H4H,LSP1,PRKCD,IL1A,TMEM106A,SERPING1,MLPH,FKBP5,CD14,TGFBI,NCKAP1L,CD300A,FGFBP1,VWF,PLAU,IL6RA,LCK,IL4RA,APOC1,IFITM3,ECM1,CMTM7,CD53,ADM,TOR3A,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A,MERTK,ITIH3,GRN,COL1A1,APLN,MYOC,KLK6,GKN3,CFB,HP,EBI3,CCL9,ANG,LTBP2,TNFAIP3,LIPH,STEAP4,PLBD1,RETNLG,GBP10,PLAUR,PON3,LAT2,CCL17,MMP2,NAPSA,IL16,NPPC,C2,SPN,CCL2,UPK1B,VMO1,CAMP
CC	GO:0016020	membrane	10247	324	208	0.000000388	0.642	0.02	1	HCAR2,CLEC4D,CLEC4E,H2-M2,CD88,CXCL9,H2-Q7,CD74,IFI204,FCGR4,H2-AB1,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,CXCL10,IFI209,GM4951,GIMAP3,IFI207,CSF2RB2,CD52,CD4,IGTP,MS4A6C,CSF2RB,TGTP2,IIGP1,H2-QA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,IFI47,H2-D1,TAP1,SPINT1,CLEC4A1,TGTP1,IRGM2,B2M,SLC11A1,GBP2,MS4A6B,CLEC12A,ACAP1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,CTSS,FYB,C3AR1,CD84,CLEC4A2,LAT,ITGB2,ST14,CD48,S100A9,MPEG1,CCR2,S100A8,RAC2,RASAL3,ITGB7,TLR2,HCK,GBP5,OASL1,CSAR1,LGALS3BP,IL21R,LTB,TLR12,CD274,SLAMF9,CD300C2,ICAM1,TLR7,CSF3R,TLR13,OAS2,NCF1,PTPRC,TMEM252,PLD4,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,WAS,CD44,ADGRE1,FCER1G,TLR9,DLK1,RHOH,IL10RA,GALNT15,TRPV4,CH25H,P2RY6,FCGR2B,HCLS1,LST1,RTP4,ICOSL,PTPN6,GSDMD,FERMT3,ADCY7,TNFRSF1B,CD163,UGT1A7C,H2-M3,CTSC,AIF1,LAG3,CYP26B1,CD86,CLEC10A,PARP14,PIK3R5,PTAFR,NCF4,GBP3,HIF3A,LCP1,DOCK2,TMEM140,H2-DMA,ARHGAP45,HAVCR2,FAS,ALOX5AP,PLCG2,BLNK,CD37,RAB32,CP,HK2,GFAP,CD68,LAIR1,ADAP2,CCDC88B,PLA1A,UNC93B1,LY6A,ADORA3,HVCN1,TSPO,HIST1H4H,KCNK6,LSP1,PIK3CG,RNF213,IKBKE,PRKCD,PIK3AP1,CAPN3,TMEM106A,FGD2,INPP5D,PARVG,CD33,PTPN22,PARP9,TREM2,BIRC3,FKBP5,CD14,ABCC3,NCKAP1L,CD300A,TYROBP,FGFBP1,ACER2,RHBDF2,RSAD2,PRODH,TAP2,IFI27L2A,LAPTM5,IL6RA,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,CSF1R,IL1R1
CC	GO:0098805	whole membrane	1203	340	43	0.00094	0.126	0.036	2	H2-Q7,GIMAP3,CD4,H2-K1,H2-D1,TAP1,B2M,SLC11A1,ACAP1,BST2,TLR1,H2-T23,IRGM1,CD48,TLR2,HCK,ICAM1,TLR13,FCGR1,LCP2,FCER1G,TNFRSF1B,NCF4,FAS,RAB32,CP,HK2,GFAP,CD68,PLA1A,TSPO,FGD2,INPP5D,BIRC3,CD14,RSAD2,LAPTM5,LCK,BTK,NFAM1,RAB20,IFITM3,TMEM173
CC	GO:0044215	other organism	22	305	10	4.06E-10	0.033	0.455	1	IIGP1,TAP1,IRGM2,GBP2,GBP6,C4B,GBP3,GBP7,GBP9,TAP2
CC	GO:0018995	host	19	305	9	4.41E-09	0.03	0.474	2	IIGP1,TAP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9,TAP2
CC	GO:0044217	other organism part	22	305	10	4.06E-10	0.033	0.455	2	IIGP1,TAP1,IRGM2,GBP2,GBP6,C4B,GBP3,GBP7,GBP9,TAP2
CC	GO:0044216	other organism cell	22	305	10	4.06E-10	0.033	0.455	3	IIGP1,TAP1,IRGM2,GBP2,GBP6,C4B,GBP3,GBP7,GBP9,TAP2
CC	GO:0043657	host cell	19	305	9	4.41E-09	0.03	0.474	4	IIGP1,TAP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9,TAP2
CC	GO:0033643	host cell part	17	252	7	0.00000133	0.028	0.412	5	IIGP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9
CC	GO:0043656	intracellular region of host	15	252	7	0.000000447	0.028	0.467	6	IIGP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9
CC	GO:0033646	host intracellular part	15	252	7	0.000000447	0.028	0.467	6	IIGP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9
CC	GO:0030430	host cell cytoplasm	13	252	7	0.000000122	0.028	0.538	7	IIGP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9
CC	GO:0033655	host cell cytoplasm part	13	252	7	0.000000122	0.028	0.538	7	IIGP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9
CC	GO:0044444	cytoplasmic part	7725	378	176	0.0101	0.466	0.023	1	GZMB,CHIL3,H2-Q7,CD74,IFI204,H2-AB1,LCN2,H2-AA,CYBB,H2-Q6,NLRC5,IFI209,GM4951,GIMAP3,IFI207,ZBP1,CD4,IGTP,TGTP2,IIGP1,H2-Q4,H2-K1,LGALS3,PSMB8,IFI47,H2-D1,TAP1,TGTP1,PSMB9,IRGM2,B2M,SLC11A1,GBP2,GIMAP4,IRF7,ACAP1,BST2,TLR1,H2-T23,IRGM1,CTSS,GBP6,FYB,LAT,S100A9,CCR2,RAC2,SULT1A1,RASAL3,TLR2,HCK,NAIP2,GBP5,XDH,OASL1,CSAR1,TLR7,TLR13,OAS2,NCF1,PYCARD,TNFAIP2,OAS1A,PLD4,LCP2,TNFSF13B,WAS,CD44,ETNPPL,TLR9,GALNT15,TRPV4,CH25H,HCLS1,USP18,ACP5,PTPN6,GSDMD,ADCY7,TNFRSF1B,UGT1A7C,NGP,CTSC,AIF1,CYP26B1,VAV1,PARP14,PIK3R5,NCF4,GBP3,HIF3A,LCP1,CAPG,HAVCR2,DENND1C,S100A4,FAS,ALOX5AP,STAT1,PLCG2,RAB32,CP,HK2,DDX60,GFAP,CD68,ADAP2,CCDC88B,PLA1A,CTSH,GBP7,UNC93B1,GBP9,TSPO,RNF213,PARP3,IKBKE,NCF2,PRKCD,IL1A,PIK3AP1,CAPN3,FGD2,INPP5D,MAFF,MLPH,PTPN22,PARP9,BIRC3,LGALS9,DTX3L,CD14,TGFBI,CARD9,NCKAP1L,CD300A,ACER2,CBR2,RHBDF2,RSAD2,PARP10,PRODH,TAP2,XAF1,LAPTM5,VWF,CCR5,LPXN,LCK,BTK,IFIT3,APOC1,IRF9,RAB20,SP140,IFITM3,TMEM173,RIN3,TOR3A,RASD1,TGM2,GLIPR2,CTSZ,DNASE2A,MT2,NFKBIE,PIM1,GGTA1,GRN,CCDC3,COL1A1,APLN,ATF5,FOS,MYOC,PRSS35
CC	GO:0043235	receptor complex	303	159	12	0.00664	0.075	0.04	1	CD74,ITGAX,TSPAN32,IL12RB1,ITGAL,B2M,TLR1,ITGB2,ITGB7,TLR2,TLR7,CD44
CC	GO:0044425	membrane part	8041	220	124	0.00000434	0.564	0.015	1	HCAR2,CLEC4D,CLEC4E,H2-M2,CD88,CXCL9,H2-Q7,CD74,FCGR4,H2-AB1,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,CD22,LY9,CXCL10,GM4951,GIMAP3,CSF2RB2,CD52,CD4,IGTP,MS4A6C,CSF2RB,TGTP2,IIGP1,H2-QA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,MS4A7,LGALS3,AB124611,ITGAL,MS4A6D,IFI47,H2-D1,TAP1,CLEC4A1,TGTP1,IRGM2,B2M,SLC11A1,MS4A6B,CLEC12A,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,C3AR1,CD84,CLEC4A2,LAT,ITGB2,ST14,CD48,MPEG1,CCR2,RASAL3,ITGB7,TLR2,HCK,CSAR1,IL21R,LTB,TLR12,CD274,SLAMF9,CD300C2,ICAM1,TLR7,CSF3R,TLR13,NCF1,PTPRC,TMEM252,PLD4,LRRC25,CXCL16,FCGR3,FCGR1,LCP2,TNFSF13B,CD44,ADGRE1,FCER1G,TLR9,DLK1,RHOH,IL10RA,GALNT15,TRPV4,CH25H,P2RY6,FCGR2B,LST1,RTP4,ICOSL,PTPN6,ADCY7,TNFRSF1B,CD163,UGT1A7C,H2-M3,AIF1,LAG3,CYP26B1,CD86,CLEC10A,PIK3R5,PTAFR,NCF4,LCP1,TMEM140,H2-DMA,ARHGAP45,HAVCR2
CC	GO:0098552	side of membrane	566	322	40	5.67E-13	0.124	0.071	2	CD88,CXCL9,H2-Q7,CD74,FCGR4,H2-AB1,H2-AA,ITGAX,CXCL10,CD4,IL2RG,H2-K1,IL12RB1,ITGAL,H2-D1,B2M,H2-T23,CD48,CCR2,RASAL3,HCK,CD274,ICAM1,FCGR1,ADGRE1,FCER1G,ICOSL,CD163,H2-M3,LAG3,CD86,FAS,GFAP,LY6A,CD33,PTPN22,CD14,CCR5,LCK,BTK
CC	GO:0098796	membrane protein complex	640	84	17	0.000000766	0.202	0.027	2	H2-Q7,CD74,H2-AB1,H2-AA,ITGAX,H2-Q6,TSPAN32,H2-EB1,H2-OA,H2-Q4,H2-K1,ITGAL,H2-D1,TAP1,B2M,H2-DMB1,H2-T23
CC	GO:0031224	intrinsic component of membrane	6888	180	86	0.0072	0.478	0.012	2	HCAR2,CLEC4D,CLEC4E,H2-M2,CD88,H2-Q7,CD74,FCGR4,H2-AB1,H2-AA,CYBB,ITGAX,TSPAN32,H2-EB1,PIRB,CD22,LY9,GIMAP3,CSF2RB2,CD4,MS4A6C,CSF2RB,H2-OA,IL2RG,H2-K1,IL12RB1,MS4A7,AB124611,ITGAL,MS4A6D,H2-D1,TAP1,CLEC4A1,SLC11A1,MS4A6B,CLEC12A,BST2,H2-DMB1,TLR1,H2-T23,C3AR1,CD84,CLEC4A2,LAT,ITGB2,ST14,CD48,MPEG1,CCR2,RASAL3,ITGB7,TLR2,CSAR1,IL21R,LTB,TLR12,CD274,SLAMF9,CD300C2,ICAM1,TLR7,CSF3R,TLR13,NCF1,PTPRC,TMEM252,PLD4,LRRC25,CXCL16,FCGR3,FCGR1,TNFSF13B,CD44,ADGRE1,FCER1G,TLR9,DLK1,IL10RA,GALNT15,TRPV4,CH25H,P2RY6,FCGR2B,LST1,RTP4
CC	GO:0016021	integral component of membrane	6753	180	83	0.0257	0.461	0.012	3	HCAR2,CLEC4D,CLEC4E,H2-M2,CD88,H2-Q7,CD74,FCGR4,H2-AB1,H2-AA,CYBB,ITGAX,TSPAN32,H2-EB1,PIRB,CD22,LY9,GIMAP3,CSF2RB2,CD4,MS4A6C,CSF2RB,H2-OA,IL2RG,H2-K1,IL12RB1,MS4A7,AB124611,ITGAL,MS4A6D,H2-D1,TAP1,CLEC4A1,SLC11A1,MS4A6B,CLEC12A,BST2,H2-DMB1,TLR1,H2-T23,C3AR1,CD84,CLEC4A2,LAT,ITGB2,ST14,MPEG1,CCR2,ITGB7,TLR2,CSAR1,IL21R,LTB,TLR12,CD274,SLAMF9,CD300C2,ICAM1,TLR7,CSF3R,TLR13,NCF1,PTPRC,TMEM252,PLD4,LRRC25,CXCL16,FCGR3,FCGR1,TNFSF13B,CD44,ADGRE1,FCER1G,TLR9,DLK1,IL10RA,GALNT15,TRPV4,CH25H,P2RY6,FCGR2B,LST1,RTP4
CC	GO:0098589	membrane region	357	331	18	0.0289	0.054	0.05	2	CD4,BST2,TLR1,CD48,TLR2,HCK,ICAM1,FCGR1,LCP2,FCER1G,TNFRSF1B,FAS,INPP5D,BIRC3,CD14,LCK,BTK,NFAM1
CC	GO:0098857	membrane microdomain	287	331	18	0.00132	0.054	0.063	3	CD4,BST2,TLR1,CD48,TLR2,HCK,ICAM1,FCGR1,LCP2,FCER1G,TNFRSF1B,FAS,INPP5D,BIRC3,CD14,LCK,BTK,NFAM1
CC	GO:0045121	membrane raft	287	331	18	0.00132	0.054	0.063	4	CD4,BST2,TLR1,CD48,TLR2,HCK,ICAM1,FCGR1,LCP2,FCER1G,TNFRSF1B,FAS,INPP5D,BIRC3,CD14,LCK,BTK,NFAM1
CC	GO:0098636	protein complex involved in cell adhesion	37	112	5	0.00375	0.045	0.135	1	ITGAX,TSPAN32,ITGAL,ITGB2,ITGB7
CC	GO:0031984	organelle subcompartment	1339	85	17	0.0361	0.2	0.013	1	H2-Q7,H2-Q6,GM4951,CD4,IGTP,TGTP2,IIGP1,H2-Q4,H2-K1,IFI47,H2-D1,TAP1,TGTP1,IRGM2,GBP2,H2-T23,IRGM1
CC	GO:0043230	extracellular organelle	2661	352	96	2.31E-11	0.273	0.036	1	C3,H2-Q7,CD74,FCGR4,LCN2,H2-Q6,CD22,LRG1,LY22,IIGP1,MYO1G,H2-Q4,H2-K1,LGALS3,ITGAL,PSMB8,H2-D1,SPINT1,PSMB9,IRGM2,B2M,GBP2,BST2,H2-T23,GBP6,A2M,C4B,CD84,C1RA,ST14,CD48,S100A9,S100A8,RAC2,RASAL3,ITGB7,NAIP2,LGALS3BP,CD274,C1QA,ICAM1,TTR,GBP4,WAS,CD44,C1QB,C1QC,ACP5,ICOSL,PTPN6,FERMT3,UGT1A7C,CTSC,CD86,GBP3,LCP1,CAPG,DOCK2,H2-DMA,HAVCR2,S100A4,FAS,PLCG2,CD37,FGL2,CP,LAIR1,PLA1A,CTSH,GBP7,GBP9,TSPO,HIST1H4H,LSP1,PRKCD,TMEM106A,SERPING1,MLPH,FKBP5,CD14,TGFBI,NCKAP1L,CD300A,VWF,PLAU,LCK,APOC1,IFITM3,ECM1,CD53,TOR3A,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A
CC	GO:0009986	cell surface	882	351	61	7.45E-19	0.174	0.069	1	H2-M2,CD88L1,CXCL9,H2-Q7,CD74,FCGR4,H2-AB1,H2-AA,ITGAX,H2-Q6,TSPAN32,LY9,CXCL10,CD4,IL2RG,H2-Q4,H2-K1,IL12RB1,ITGAL,H2-D1,B2M,BST2,H2-T23,ITGB2,CD48,CCR2,ITGB7,TLR2,CSAR1,CD274,ICAM1,PTPRC,FCGR1,CD44,ADGRE1,FCER1G,TRPV4,RTP4,ICOSL,CD163,H2-M3,LAG3,CD86,H2-DMA,HAVCR2,FAS,LY6A,CD33,CD14,TYROBP,FGFBP1,PLAU,IL6RA,CCR5,CSF1R,IL1R1,NFAM1,IFITM3,CD53,FOLH1,CTSZ
CC	GO:0031982	vesicle	3806	352	124	1.19E-12	0.352	0.033	1	C3,CHIL3,H2-Q7,CD74,FCGR4,H2-AB1,LCN2,CYBB,H2-Q6,CD22,LRG1,LY22,MYO1G,H2-Q4,H2-K1,LGALS3,ITGAL,PSMB8,H2-D1,TAP1,SPINT1,PSMB9,B2M,SLC11A1,GBP2,ACAP1,BST2,TLR1,H2-T23,IRGM1,CTSS,GBP6,A2M,C4B,CD84,C1RA,ST14,CD48,S100A9,S100A8,RAC2,RASAL3,ITGB7,HCK,NAIP2,GBP5,CSAR1,LGALS3BP,CD274,C1QA,ICAM1,TLR7,TLR13,TTR,GBP4,PLD4,WAS,CD44,C1QB,TLR9,GALNT15,TRPV4,C1QC,ACP5,ICOSL,PTPN6,FERMT3,UGT1A7C,NGP,CTSC,CD86,NCF4,GBP3,LCP1,CAPG,DOCK2,H2-DMA,HAVCR2,DENND1C,S100A4,FAS,PLCG2,CD37,RAB32,FGL2,CP,CD68,LAIR1,PLA1A,CTSH,GBP7,UNC93B1,GBP9,TSPO,HIST1H4H,LSP1,NCF2,PRKCD,TMEM106A,SERPING1,FGD2,MLPH,FKBP5,CD14,TGFBI,NCKAP1L,CD300A,VWF,PLAU,CCR5,LCK,BTK,APOC1,RAB20,IFITM3,ECM1,RIN3,CD53,TOR3A,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A
CC	GO:1903561	extracellular vesicle	2655	352	91	2.97E-09	0.259	0.034	2	C3,H2-Q7,CD74,FCGR4,LCN2,H2-Q6,CD22,LRG1,LY22,MYO1G,H2-Q4,H2-K1,LGALS3,ITGAL,PSMB8,H2-D1,SPINT1,PSMB9,B2M,BST2,H2-T23,GBP6,A2M,C4B,CD84,C1RA,ST14,CD48,S100A9,S100A8,RAC2,RASAL3,ITGB7,NAIP2,LGALS3BP,CD274,C1QA,ICAM1,TTR,GBP4,WAS,CD44,C1QB,C1QC,ACP5,ICOSL,PTPN6,FERMT3,UGT1A7C,CTSC,CD86,LCP1,CAPG,DOCK2,H2-DMA,HAVCR2,S100A4,FAS,PLCG2,CD37,FGL2,CP,LAIR1,PLA1A,CTSH,GBP9,TSPO,HIST1H4H,LSP1,PRKCD,TMEM106A,SERPING1,MLPH,FKBP5,CD14,TGFBI,NCKAP1L,CD300A,VWF,PLAU,LCK,APOC1,IFITM3,ECM1,CD53,TOR3A,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A
CC	GO:0070062	extracellular exosome	2639	352	91	2.1E-09	0.259	0.034	3	C3,H2-Q7,CD74,FCGR4,LCN2,H2-Q6,CD22,LRG1,LY22,MYO1G,H2-Q4,H2-K1,LGALS3,ITGAL,PSMB8,H2-D1,SPINT1,PSMB9,B2M,BST2,H2-T23,GBP6,A2M,C4B,CD84,C1RA,ST14,CD48,S100A9,S100A8,RAC2,RASAL3,ITGB7,NAIP2,LGALS3BP,CD274,C1QA,ICAM1,TTR,GBP4,WAS,CD44,C1QB,C1QC,ACP5,ICOSL,PTPN6,FERMT3,UGT1A7C,CTSC,CD86,LCP1,CAPG,DOCK2,H2-DMA,HAVCR2,S100A4,FAS,PLCG2,CD37,FGL2,CP,LAIR1,PLA1A,CTSH,GBP9,TSPO,HIST1H4H,LSP1,PRKCD,TMEM106A,SERPING1,MLPH,FKBP5,CD14,TGFBI,NCKAP1L,CD300A,VWF,PLAU,LCK,APOC1,IFITM3,ECM1,CD53,TOR3A,FOLH1,TGM2,GLIPR2,CTSZ,DNASE2A
CC	GO:0071944	cell periphery	5714	351	139	0.0000502	0.396	0.024	1	HCAR2,CLEC4D,H2-M2,CD88L1,CXCL9,H2-Q7,CD74,FCGR4,H2-AB1,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,LY9,CXCL10,CSF2RB2,CD52,CD4,H2-OA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,LGALS3,ITGAL,H2-D1,SPINT1,B2M,SLC11A1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,FYB,C3AR1,LAT,ITGB2,ST14,CD48,S100A9,CCR2,S100A8,RASAL3,ITGB7,TLR2,HCK,CSAR1,LTB,CD274,CD300C2,ICAM1,TLR7,TLR13,NCF1,PTPRC,TNFAIP2,FCGR1,LCP2,TNFSF13B,CD44,ADGRE1,FCER1G,TLR9,RHOH,IL10RA,TRPV4,P2RY6,HCLS1,ICOSL,PTPN6,GSDMD,ADCY7,TNFRSF1B,CD163,H2-M3,AIF1,LAG3,CD86,PIK3R5,PTAFR,NCF4,HIF3A,LCP1,H2-DMA,ARHGAP45,HAVCR2,FAS,PLCG2,BLNK,CD37,CD68,LAIR1,ADAP2,LY6A,ADORA3,HVCN1,LSP1,PIK3CG,PRKCD,PIK3AP1,CAPN3,FGD2,INPP5D,PARVG,CD33,PTPN22,TREM2,CD14,ABCC3,CD300A,TYROBP,FGFBP1,RHBDF2,LAPTM5,IL6RA,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,CSF1R,IL1R1,IL4RA,NFAM1,RAB20,OSMR,IFITM3,TMEM173,CD53,RASD1,FOLH1,TGM2,CTSZ

CC	GO:0005886	plasma membrane	5594	348	137	0.0000237	0.394	0.024	1	HCAR2,CLEC4D,H2-M2,CD8B1,CXCL9,H2-Q7,CD74,FCGR4,H2-AB1,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,PIRB,LY9,CXCL10,CSF2RB2,CD52,CD4,H2-OA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,LGALS3,ITGAL,H2-D1,SPINT1,B2M,SLC11A1,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,FYB,C3AR1,LAT,ITGB2,ST14,CD48,S100A9,CCR2,S100A8,RASAL3,ITGB7,TLR2,HCK,C5AR1,LTB,CD274,CD300C2,ICAM1,TLR7,TLR13,NCF1,PTPRC,FCGR1,LCP2,TNFSF13B,CD44,ADGRE1,FCER1G,TLR9,RHOH,IL10RA,TRPV4,P2RY6,HCLS1,ICOSL,PTPN6,GSDMD,ADCY7,TNFRSF1B,CD163,H2-M3,AIF1,LAG3,CD86,PIK3R5,PTAFR,NCF4,HIF3A,LCP1,H2-DMA,ARHGAP45,HAVCR2,FAS,PLCG2,BLNK,CD37,CD68,LAIR1,ADAP2,LY6A,ADORA3,HVCN1,LSP1,PIK3CG,PRKCD,PIK3AP1,CAPN3,FGD2,INPP5D,PARVG,CD33,PTPN22,TREM2,CD14,ABCC3,CD300A,TYROBP,FGFBP1,RHBDF2,LAPTM5,IL6RA,PIK3R6,H2-T22,CCR5,LPXN,LCK,BTK,CSF1R,IL1R1,IL4RA,NFAM1,RAB20,OSMR,IFITM3,TMEM173,CD53,RASD1,FOLH1,TGM2
CC	GO:0044459	plasma membrane part	2388	225	68	4.51E-12	0.302	0.028	2	CD8B1,CXCL9,H2-Q7,CD74,FCGR4,H2-AB1,H2-AA,CYBB,ITGAX,H2-Q6,TSPAN32,H2-EB1,CXCL10,CD4,H2-OA,MYO1G,IL2RG,H2-Q4,H2-K1,IL12RB1,LGALS3,ITGAL,H2-D1,B2M,BST2,H2-DMB1,TLR1,H2-T23,IRGM1,C3AR1,LAT,ITGB2,ST14,CD48,CCR2,RASAL3,ITGB7,TLR2,HCK,C5AR1,CD274,ICAM1,TLR13,NCF1,PTPRC,FCGR1,LCP2,ADGRE1,FCER1G,TLR9,RHOH,TRPV4,P2RY6,ICOSL,PTPN6,TNFRSF1B,CD163,H2-M3,AIF1,LAG3,CD86,PTAFR,NCF4,LCP1,H2-DMA,ARHGAP45,HAVCR2,FAS
CC	GO:0098802	plasma membrane receptor complex	159	113	9	0.000423	0.08	0.057	3	ITGAX,TSPAN32,IL12RB1,ITGAL,B2M,TLR1,ITGB2,ITGB7,TLR2
CC	GO:0001772	immunological synapse	35	343	9	0.00000781	0.026	0.257	3	LGALS3,ITGAL,LAT,ICAM1,RHOH,HAVCR2,CD37,LCK,CD53
CC	GO:0031226	intrinsic component of plasma membrane	1228	487	53	0.0077	0.109	0.043	3	CD74,CYBB,ITGAX,TSPAN32,CD4,IL12RB1,ITGAL,TLR1,C3AR1,LAT,ITGB2,ST14,CD48,CCR2,RASAL3,ITGB7,TLR2,C5AR1,ICAM1,TLR13,NCF1,PTPRC,FCER1G,TRPV4,ICOSL,TNFRSF1B,PTAFR,NCF4,FAS,CD37,HVCN1,CD14,ABCC3,LAPTM5,IL6RA,OSMR,CD53,FOLH1,TGM2,SLC04A1,CD180,STEAP4,CCRL2,ICOS,GLRA4,MS4A4B,PLAUR,FAM26F,STAB1,GPR35,SPN,UPK1B,MILR1
CC	GO:0009897	external side of plasma membrane	390	204	27	1.29E-12	0.132	0.069	3	CD8B1,CXCL9,CD74,FCGR4,H2-AB1,H2-AA,ITGAX,CXCL10,CD4,IL2RG,H2-K1,IL12RB1,ITGAL,H2-D1,B2M,CD48,CCR2,CD274,ICAM1,FCGR1,ADGRE1,FCER1G,ICOSL,CD163,H2-M3,LAG3,CD86
CC	GO:0098797	plasma membrane protein complex	220	112	18	1.92E-13	0.161	0.082	3	H2-Q7,CD74,H2-AB1,H2-AA,ITGAX,H2-Q6,TSPAN32,H2-EB1,H2-OA,H2-Q4,H2-K1,ITGAL,H2-D1,B2M,H2-DMB1,H2-T23,ITGB2,ITGB7
CC	GO:0042611	MHC protein complex	22	84	13	2E-23	0.155	0.591	4	H2-Q7,CD74,H2-AB1,H2-AA,H2-Q6,H2-EB1,H2-OA,H2-Q4,H2-K1,H2-D1,B2M,H2-DMB1,H2-T23
CC	GO:0042612	MHC class I protein complex	11	84	7	9.15E-12	0.083	0.636	5	H2-Q7,H2-Q6,H2-Q4,H2-K1,H2-D1,B2M,H2-T23
CC	GO:0042613	MHC class II protein complex	10	82	6	1.42E-09	0.073	0.6	5	CD74,H2-AB1,H2-AA,H2-EB1,H2-OA,H2-DMB1
CC	GO:0008305	integrin complex	33	112	5	0.00207	0.045	0.152	4	ITGAX,TSPAN32,ITGAL,ITGB2,ITGB7
CC	GO:0042175	nuclear outer membrane-endoplasmic reticulum membrane network	857	85	14	0.0146	0.165	0.016	1	H2-Q7,GM4951,CD4,IGTP,TGTP2,IIGP1,H2-K1,IFI47,H2-D1,TAP1,TGTP1,IRGM2,H2-T23,IRGM1
CC	GO:0065010	extracellular membrane-bounded organelle	11	252	7	2.39E-08	0.028	0.636	1	IIGP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9
CC	GO:0020003	symbiont-containing vacuole	9	252	7	2.65E-09	0.028	0.778	2	IIGP1,IRGM2,GBP2,GBP6,GBP3,GBP7,GBP9
CC	GO:0020005	symbiont-containing vacuole membrane	7	252	6	4.65E-08	0.024	0.857	3	IIGP1,GBP2,GBP6,GBP3,GBP7,GBP9
CC	GO:0097708	intracellular vesicle	1534	252	39	0.00722	0.155	0.025	1	CHIL3,H2-Q7,CD74,H2-AB1,CYBB,H2-K1,H2-D1,TAP1,B2M,SLC11A1,GBP2,ACAP1,BST2,TLR1,H2-T23,IRGM1,CTSS,GBP6,HCK,GBP5,C5AR1,TLR7,TLR13,PLD4,TLR9,GALNT15,TRPV4,NGP,NCF4,GBP3,HAVCR2,DENND1C,RAB32,CD68,PLA1A,CTSH,GBP7,UNC93B1,GBP9
CC	GO:0031410	cytoplasmic vesicle	1530	252	39	0.00678	0.155	0.025	2	CHIL3,H2-Q7,CD74,H2-AB1,CYBB,H2-K1,H2-D1,TAP1,B2M,SLC11A1,GBP2,ACAP1,BST2,TLR1,H2-T23,IRGM1,CTSS,GBP6,HCK,GBP5,C5AR1,TLR7,TLR13,PLD4,TLR9,GALNT15,TRPV4,NGP,NCF4,GBP3,HAVCR2,DENND1C,RAB32,CD68,PLA1A,CTSH,GBP7,UNC93B1,GBP9
CC	GO:0030139	endocytic vesicle	136	165	13	9.68E-08	0.079	0.096	3	H2-Q7,CYBB,H2-K1,H2-D1,TAP1,B2M,SLC11A1,TLR1,H2-T23,IRGM1,TLR7,PLD4,TLR9
CC	GO:0045335	phagocytic vesicle	66	165	13	6.41E-12	0.079	0.197	4	H2-Q7,CYBB,H2-K1,H2-D1,TAP1,B2M,SLC11A1,TLR1,H2-T23,IRGM1,TLR7,PLD4,TLR9
CC	GO:0005794	Golgi apparatus	1262	85	17	0.0165	0.2	0.013	1	H2-Q7,CD74,H2-AB1,CYBB,H2-Q6,TGTP2,IIGP1,H2-Q4,H2-K1,H2-D1,TGTP1,IRGM2,B2M,GBP2,BST2,TLR1,IRGM1
CC	GO:0005783	endoplasmic reticulum	1485	386	53	0.00231	0.137	0.036	1	CHIL3,H2-Q7,CD74,CYBB,H2-Q6,GM4951,CD4,IGTP,TGTP2,IIGP1,H2-Q4,H2-K1,IFI47,H2-D1,TAP1,TGTP1,IRGM2,H2-T23,IRGM1,XDH,TLR7,OAS2,NCF1,PYCARD,OAS1A,PLD4,TLR9,CH25H,LIGT1A7C,CTSC,CYP26B1,ALDH3AP,RAB32,CDC88B,UNC93B1,PRKCD,RHBDF2,RSAD2,TAP2,VWF,APOC1,IFITM3,TMEM173,TOR3A,RASD1,TGM2,CTSZ,GRN,CCDC3,COL1A1,FOS,MYOC,CYP2E1
CC	GO:0044432	endoplasmic reticulum part	950	85	17	0.000328	0.2	0.018	2	CHIL3,H2-Q7,H2-Q6,GM4951,CD4,IGTP,TGTP2,IIGP1,H2-Q4,H2-K1,IFI47,H2-D1,TAP1,TGTP1,IRGM2,H2-T23,IRGM1
CC	GO:0098827	endoplasmic reticulum subcompartment	843	85	14	0.0121	0.165	0.017	3	H2-Q7,GM4951,CD4,IGTP,TGTP2,IIGP1,H2-K1,IFI47,H2-D1,TAP1,TGTP1,IRGM2,H2-T23,IRGM1
CC	GO:0070971	endoplasmic reticulum exit site	18	63	5	0.00000447	0.079	0.278	3	H2-Q7,H2-Q6,H2-Q4,H2-K1,H2-D1
CC	GO:0005789	endoplasmic reticulum membrane	838	85	14	0.0113	0.165	0.017	3	H2-Q7,GM4951,CD4,IGTP,TGTP2,IIGP1,H2-K1,IFI47,H2-D1,TAP1,TGTP1,IRGM2,H2-T23,IRGM1
CC	GO:0098553	lumenal side of endoplasmic reticulum membrane	12	84	4	0.000296	0.048	0.333	4	H2-Q7,H2-K1,H2-D1,H2-T23
CC	GO:0071556	integral component of lumenal side of endoplasmic reticulum membrane	12	84	4	0.000296	0.048	0.333	5	H2-Q7,H2-K1,H2-D1,H2-T23
CC	GO:0030659	cytoplasmic vesicle membrane	379	85	9	0.0483	0.106	0.024	1	H2-Q7,H2-K1,H2-D1,TAP1,B2M,SLC11A1,TLR1,H2-T23,IRGM1
CC	GO:0030666	endocytic vesicle membrane	51	85	9	1.01E-09	0.106	0.176	2	H2-Q7,H2-K1,H2-D1,TAP1,B2M,SLC11A1,TLR1,H2-T23,IRGM1
CC	GO:0030670	phagocytic vesicle membrane	38	85	9	5.63E-11	0.106	0.237	3	H2-Q7,H2-K1,H2-D1,TAP1,B2M,SLC11A1,TLR1,H2-T23,IRGM1
CC	GO:0005944	phosphatidylinositol 3-kinase complex, class IB	3	317	3	0.00935	0.009	1	1	PIK3R5,PIK3CG,PIK3R6
CC	GO:0005795	Golgi stack	121	63	6	0.00424	0.095	0.05	1	H2-Q7,H2-Q6,IIGP1,H2-Q4,H2-K1,H2-D1
CC	GO:0031985	Golgi cisterna	95	63	6	0.00102	0.095	0.063	1	H2-Q7,H2-Q6,IIGP1,H2-Q4,H2-K1,H2-D1
CC	GO:0005797	Golgi medial cisterna	12	63	5	0.000000419	0.079	0.417	2	H2-Q7,H2-Q6,H2-Q4,H2-K1,H2-D1