

domain	term_id	term_name	term_size(T)	query_size(Q)	overlap_size(Q&T)	adjusted_p-value	Q1(T)/T	Q1(Q)/Q	local_hierarchy_depth	participated_genes
MF	GO:0043168	anion binding	2668	349	81	0.0000173	0.232	0.03	1	HCAR2,CCL8,CYBB,NLRCS,CXCL10,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6
MF	GO:0005488	binding	13278	350	272	1.21E-08	0.777	0.02	1	HCAR2,CCL8,CYBB,NLRCS,CXCL10,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6
MF	GO:0097367	carbohydrate derivative binding	2203	362	74	0.00000677	0.204	0.04	2	HCAR2,CCL8,CYBB,NLRCS,CXCL10,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6
MF	GO:0033218	amide binding	259	84	11	0.0000128	0.131	0.04	2	HCAR2,CCL8,CYBB,NLRCS,CXCL10,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0042777	peptide binding	230	84	11	0.00000369	0.131	0.04	3	HCAR2,CCL8,CYBB,NLRCS,CXCL10,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0048477	macromolecular complex binding	950	240	30	0.000578	0.125	0.03	2	H2-M2,H2-Q7,CD74,FCGR4,H2-OB,CD4,H2-DA,H2-H4,H2-K1,IGALS3,ITGAL,H2-D1,H2-T3,CTSS,FYB,ITGB2,ICAM1,FCGR1,FCER1G,TRPV4,HLCS1,APOBEC1,FERMT3,AIF1,PKR3S,LCP1,CAP6,DOCK2,H2-DMA,RAB32,GFAP
MF	GO:0005110	protein binding	7962	350	196	1.01E-10	0.56	0.025	2	HCAR2,CCL8,CYBB,NLRCS,CXCL10,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0042802	identical protein binding	1397	350	46	0.00786	0.131	0.03	3	H2-M2,H2-Q7,CD74,FCGR4,H2-OB,CD4,H2-DA,H2-H4,H2-K1,IGALS3,ITGAL,H2-D1,H2-T3,CTSS,FYB,ITGB2,ICAM1,FCGR1,FCER1G,TRPV4,HLCS1,APOBEC1,FERMT3,AIF1,PKR3S,LCP1,CAP6,DOCK2,H2-DMA,RAB32,GFAP
MF	GO:0030881	beta-2-microglobulin binding	11	84	6	0.61E-09	0.071	0.54	3	H2-M2,H2-Q7,CD74,FCGR4,H2-OB,CD4,H2-DA,H2-H4,H2-K1,IGALS3,ITGAL,H2-D1,H2-T3,CTSS,FYB,ITGB2,ICAM1,FCGR1,FCER1G,TRPV4,HLCS1,APOBEC1,FERMT3,AIF1,PKR3S,LCP1,CAP6,DOCK2,H2-DMA,RAB32,GFAP
MF	GO:0019955	cytokine binding	95	324	13	0.00000463	0.04	0.13	3	CD74,CD4,LAG3,IL12RB1,A2M,CCR2,CCR3,IRL10RA,FAS,IL6RA,CSF1R,IL1R1
MF	GO:0005102	receptor binding	1557	495	79	1.94E-08	0.16	0.051	3	CCL2,CD44,LAG3,IL12RB1,A2M,CCR2,CCR3,IRL10RA,FAS,IL6RA,CSF1R,IL1R1
MF	GO:0042289	MHC class II protein binding	6	202	3	0.0467	0.015	0.5	5	CD74,CD4,LAG3
MF	GO:0005125	cytokine activity	229	157	10	0.0183	0.064	0.04	4	CCL1,CCL5,CXCL9,CXCL10,CCL12,CCL17,CCL6,CXCL16,PNF,SEPT1,IFB
MF	GO:0033329	Toll-like receptor binding	11	113	4	0.0000663	0.035	0.36	4	T3,LA2M,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0005126	cytokine receptor binding	286	165	14	0.000108	0.085	0.049	4	CCL1,CCL5,CXCL9,CXCL10,LRG1,CCL12,IL12RB1,LTB,PNF,SEPT1,IFB
MF	GO:0001664	G-protein coupled receptor binding	257	15	5	0.00187	0.333	0.019	4	CCL1,CCL5,CXCL9,CCL8
MF	GO:0042379	chemokine receptor binding	81	44	6	0.0000759	0.136	0.098	5	CCL1,CCL5,CXCL9,CCL8,CXCL10,CCL12
MF	GO:0040920	CCR chemokine receptor binding	39	480	9	0.000375	0.019	0.531	6	CCL1,CCL5,CXCL9,CCL8,CXCL10,CCL12
MF	GO:0008009	chemokine activity	52	44	6	0.0000282	0.136	0.115	6	CCL1,CCL5,CXCL9,CCL8,CXCL10,CCL12
MF	GO:0046977	TAP binding	10	64	6	3.28E-10	0.094	0.6	3	H2-Q7,H2-Q6,H2-Q4,H2-K1,H2-D1,TAP1
MF	GO:0032403	protein complex binding	759	240	29	0.0000157	0.121	0.038	3	H2-Q7,CD74,FCGR4,H2-OB,CD4,H2-DA,H2-H4,H2-K1,IGALS3,ITGAL,H2-D1,H2-T3,CTSS,FYB,ITGB2,ICAM1,FCGR1,FCER1G,TRPV4,HLCS1,APOBEC1,FERMT3,AIF1,PKR3S,LCP1,CAP6,DOCK2,H2-DMA,RAB32,GFAP
MF	GO:0019865	immunoglobulin binding	17	309	6	0.000253	0.019	0.353	4	FCGR4,CD44,LAG3,IL12RB1,A2M,CCR2,CCR3,IRL10RA,FAS,IL6RA,CSF1R,IL1R1
MF	GO:0019861	IgE binding	6	162	3	0.0239	0.019	0.5	5	FCGR4,FCGR1,FCER1G
MF	GO:0019864	IgG binding	6	162	3	0.0239	0.019	0.5	5	FCGR4,FCGR1,FCER1G
MF	GO:0043608	T cell receptor binding	14	321	8	1.68E-08	0.025	0.571	4	H2-M2,H2-Q7,H2-AB1,H2-AA,H2-Q6,H2-Q4,H2-K1,H2-D1,H2-T3,DOCK2,LCK
MF	GO:0003923	antigen binding	185	100	10	0.0000386	0.1	0.64	2	H2-M2,H2-Q7,H2-AB1,H2-AA,H2-Q6,H2-Q4,H2-K1,H2-D1,H2-T3,CD48
MF	GO:0042605	peptide antigen binding	34	84	9	1.64E-11	0.107	0.265	3	H2-M2,H2-Q7,H2-AB1,H2-AA,H2-Q6,H2-Q4,H2-K1,H2-D1,H2-T3,CD48
MF	GO:0036094	small molecule binding	2446	362	73	0.000112	0.202	0.03	3	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0001882	nucleoside binding	396	252	23	0.000000686	0.091	0.058	3	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0001883	purine nucleoside binding	387	252	23	0.000000436	0.091	0.059	4	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0032549	ribonucleoside binding	388	252	23	0.000000459	0.091	0.059	4	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0032550	purine ribonucleoside binding	383	252	23	0.000000355	0.091	0.06	5	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:1901265	nucleoside phosphate binding	2118	362	64	0.00457	0.177	0.03	1	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0033639	purine ribonucleoside triphosphate binding	1832	362	58	0.00063	0.16	0.032	2	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0001666	nucleotide binding	2118	362	64	0.00457	0.177	0.03	2	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0032553	ribonucleotide binding	1889	362	60	0.00206	0.166	0.032	3	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0017076	purine nucleotide binding	1883	362	60	0.00185	0.166	0.032	3	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0019001	guanyl nucleotide binding	398	252	23	0.000000757	0.091	0.058	4	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0032555	purine ribonucleotide binding	1873	362	60	0.00155	0.166	0.032	4	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0032561	guanyl ribonucleotide binding	397	252	23	0.000000721	0.091	0.058	5	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0005525	GTP binding	379	252	23	0.000000288	0.091	0.061	6	HCAR2,LCN2,CYBB,NLRCS,GM4951,GIMAP3,IGT,TGTP2,IGP1,MYO1G,IF47,TAP1,SLFN2,TGTP1,IRGM2,GBP2,GIMAP4,IRGM1,GBP6,ARHGAP9,S100A8,OSL2,S100A8,RA2,CXCL10,HCAR2,GBP2,SLFN8,XDH,OSL1,MYO1F,OSL2,NCF1,GBP6,OSL1,CD44,ETNPF1,RHOH,TRPV4,NAIP5,SNX2,OSMD,ADCY7,CTSC,CYP26B1,PTAFN,NC4,GBP3,MX1,ALOX5AP,NUAK2,RAB32,H2,DXD60,ADAP2,GBP7,SEPT1,GBP9,PK3CG,DHX58,IKBK,PKCD,FGO2,ABCC3,CD30A,MAP3K6,PRODH,TAP2,LCK,BTK,CSF1R,RA2,POC3,RAB20,THEM173,TOR3A,RASD1,FOLH1,TGM2,UBE2L6,PIM1,MERTK
MF	GO:0004896	cytokine receptor activity	94	475	20	2.96E-11	0.042	0.213	1	CD74,CFR2B2,CD4,CFR2B2,IL2RG,IL12RB1,CCR2,IL21R,CFR3,CD44,IL10RA,IL6RA,CCR5,IL1R1,IL4RA,OSMR,EB3,CCR2,IL3RA,GP135
MF	GO:0098772	molecular function regulator	1221	294	36	0.0243	0.122	0.029	1	CCL5,C3,SPINT1,ACAP1,BST2,TAGAP,A2M,C4B,ARHGAP9,RAC2,RASA3,NAIP2,WDFC17,NCF1,PCYARD,RHOH,ADPBECC1,NGP,CTSC,SC,VAV1,PKR3S,NC4,DOCK2,ARHGAP4S,DENND1C,ALOX5AP,ARHGAP2S,ADAP2,CTSH,CLA2B,PRKCD,CAPN3,SERPINC1,FGD2,LAGS9,NCKAP1L
MF	GO:0030234	enzyme regulator activity	906	294	32	0.00195	0.109	0.035	2	CCL5,C3,SPINT1,ACAP1,BST2,TAGAP,A2M,C4B,ARHGAP9,RAC2,RASA3,NAIP2,WDFC17,NCF1,PCYARD,RHOH,ADPBECC1,NGP,CTSC,SC,VAV1,PKR3S,NC4,DOCK2,ARHGAP4S,ALOX5AP,ARHGAP2S,ADAP2,CTSH,CLA2B,PRKCD,CAPN3,SERPINC1,LAGS9,NCKAP1L
MF	GO:0061134	peptidase regulator activity	237	390	16	0.0186	0.041	0.068	3	C3,SPINT1,BST2,A2M,C4B,NAIP2,WDFC17,PCYARD,NGP,CTSH,CLA2B,SERPINC1,ITIH3,COL28A1,CST7