

Pfam Domain		FDR < 0.1		All Sites		p < 0.01 Sites		Top 5 Genes with p < 0.01 PSCs
Accession	Description	Cons.	Relaxed	Genes	Sites	Genes	Sites	
Immune Related Domains								
PF07686	Immunoglobulin V-set domain	MmH	PgLMmH	220	10851	58	210	TMIGD1, TREM1, CD2, PILRA
PF00047	Immunoglobulin domain	H	P MmH	240	30486	51	180	Pecam1, CD4, PIGR, FCRL4
PF00084	Sushi domain (SCR repeat)		P LMmH	37	7957	17	125	C1S, CD46, C4BPA, CR2
PF00059	Lectin C-type domain	g Mm	PgLMmH	51	4798	29	111	CD72, KLRB1, PRG3, MBL2
PF00048	Small cytokines (intercrine/ chemokine), IL-8 like	LMmH	PgLMmH	26	1231	20	53	CXCL13, CXCL9, CCL23, CCL16
PF00530	Scavenger receptor cysteine-rich domain	H	P MmH	17	2865	8	42	CD5L, MARCO, MSR1, CD5
PF01823	MAC/ Perforin domain	P MmH	P LMmH	9	1176	5	28	C9, C8A, C6, C7
PF00021	u-PAR/ Ly-6 domain		P LMmH	16	775	7	27	CD59, TEX101, CD177, LYPD4
PF00340	Interleukin-1 / 18		PgLMm	8	523	6	27	IL1A, IL18, IL1F6, IL1F9
PF00969	Class II histocompatibility antigen, beta domain		P MmH	5	266	4	22	HLA-DMB, HLA-DRB1
PF02841	Guanylate-binding protein, C-terminal domain		PgLMm	4	970	4	21	GBP4, GBP5, GBP3, GBP6
PF00074	Pancreatic ribonuclease		Mm	5	338	5	17	RNASE7, RNASE12, RNASE4, RNASE10
PF00993	Class II histocompatibility antigen, alpha domain		gLMmH	5	364	4	16	HLA-DQA1, HLA-DMA
PF00354	Pentaxin family		Pg MmH	6	677	3	14	CRP, APCS, SVEP1
PF00062	C-type lysozyme/ alpha-lactalalbumin family		MmH	7	462	5	13	LALBA, LYZ, LYZL6, SPACA5B
Protease Domains								
PF00089	Trypsin	P L nH	P LMmH	82	10426	44	184	CFI, C1S, PRSS44, PRSS48
PF00656	Caspase domain		P LMmH	12	1474	10	40	CASP8, CASP10, CASP5, CFLAR
PF00246	Zinc carboxypeptidase	M H	MmH	22	4505	9	23	CPB1, CPB2, CPN1, CPM
PF07859	alpha/ beta hydrolase fold	Mm	P LMm	6	804	5	16	AADAC, AADACL3, AADACL4, LIPE
Protease Inhibitor Domains								
PF00079	Serpin (serine protease inhibitor)		P Mm	33	7358	19	73	SERPINA3, SERPINB3, SERPINA4, SERPINB13
PF00031	Cystatin domain	P LMmH	P LMmH	11	780	7	33	HRG, KNG1, FETUB, CST9LP1
PF01835	MG2 domain		Mm	8	1615	7	21	C5, C4A, PZP, A2M
PF07678	A-macroglobulin complement component	m	Mm	8	1483	7	14	C5, C4A, A2M, A2ML1