

Domain	PFAMID	Pvalue	OddsRatio	ExpCount	Count	Size	Term
PH domain	PF00169	8.85861523258948e-23		15.1736915701159	79.91987548997		
129	135	PF00169					
Homeobox domain	PF00046	5.42693389828116e-12		5.15380138541903			
69.2638920913074	103	117	PF00046				
7 transmembrane receptor (rhodopsin family)	PF00001			1.17047204711829e-11			
3.44219838808815	101.231842287295	142	171	PF00001			
Protein tyrosine kinase	PF07714	1.84765685025853e-10		6.12847222222222			
52.0959188379064	79	88	PF07714				
Protein kinase domain	PF00069	3.18724060421142e-10		2.40283608032813			
153.919760202905	201	260	PF00069				
PDZ	PF00595	4.30787441344952e-10		5.9709590967005	50.9119206824994	77	
86	PF00595						
Intermediate filament protein	PF00038	1.02135213286146e-09		31.2789783889980			
27.2319575743602	45	46	PF00038				
EGF-like domain	PF00008	3.39265215476029e-08		3.75047039017627			
60.3839059257551	86	102	PF00008				
EF hand	PF00036	5.20144301326466e-08		3.48959365708622	63.935900391976		
90	108	PF00036					
Helix-loop-helix DNA-binding domain	PF00010	8.3232318722042e-08					
6.37516404199475	36.1119437399124	55	61	PF00010			
SH3 domain	PF00018	8.80352981284544e-08		3.19156295183285	69.2638920913074		
96	117	PF00018					
Ras family	PF00071	9.14429124865228e-08		4.95015228203948	43.2159326723542		
64	73	PF00071					
Ion transport protein	PF00520	1.27623701360423e-07		6.25802007478843			
35.5199446622089	54	60	PF00520				
SH2 domain	PF00017	1.30723680114440e-07		4.59487078319195	44.9919299054646		
66	76	PF00017					
C2 domain	PF00168	4.48262361962342e-07		4.63711001642036	40.8479363615402		
60	69	PF00168					
Neurotransmitter-gated ion-channel ligand binding domain	PF02931						
7.02191338811733e-07	22.1861650009798	19.5359695642149	32	33			
PF02931							
Neurotransmitter-gated ion-channel transmembrane region	PF02932						
7.02191338811733e-07	22.1861650009798	19.5359695642149	32	33			
PF02932							
Protein-tyrosine phosphatase	PF00102	1.24044108942520e-06		12.1367647058824			
21.9039658750288	35	37	PF00102				
RhoGEF domain	PF00621	1.24044108942520e-06		12.1367647058824			
21.9039658750288	35	37	PF00621				
Calponin homology (CH) domain	PF00307	2.3222085263921e-06		6.10866234531526			
29.0079548074706	44	49	PF00307				
7 transmembrane receptor (Secretin family)	PF00002	3.11096559185978e-06					
20.0943987465727	17.7599723311044	29	30	PF00002			
SAM domain (Sterile alpha motif)	PF00536	3.11096559185978e-06					
20.0943987465727	17.7599723311044	29	30	PF00536			
Protein kinase C terminal domain	PF00433	5.10972563064141e-06					
11.0899470899471	20.1279686419184	32	34	PF00433			
Hormone receptor domain	PF02793	5.68372571814912e-06		Inf	13.6159787871801		
23	23	PF02793					
RhoGAP domain	PF00620	6.71168235547895e-06		8.08888888888889			
22.4959649527323	35	38	PF00620				
Fibronectin type III domain	PF00041	7.08646743132626e-06		2.63463791083856			
65.119898547383	87	110	PF00041				
IPT/TIG domain	PF01833	9.61775765957877e-06		Inf	13.0239797094766	22	
22	PF01833						
Ligand-binding domain of nuclear hormone receptor	PF00104	1.84083733963050e-05		4.85588062045945			

28.4159557297671	42	48	PF00104		
Phosphotyrosine interaction domain (PTB/PID)			PF00640	2.75328432797022e-05	
Inf	11.8399815540696	20	20	PF00640	
Phorbol esters/diacylglycerol binding domain (C1 domain)			PF00130		
	2.84318242650498e-05	5.26945261918776	25.4559603412497	38	43
PF00130					
Laminin G domain	PF02210	3.63372806199034e-05	16.6135785560556		
	14.7999769425870	24	25	PF02210	
E1-E2 ATPase	PF00122	7.8793325408234e-05	Inf	10.6559833986627	18
18	PF00122				