

Domain ID A	Domain Name A	Domain ID B	Domain Name B	F
PF02134	UBACT	PF00179	UQ_con	1658.343
PF00172	Zn_clus	PF00083	Sugar_tr	552.7811
PF09034	TRADD_N	PF00917	MATH	552.7811
PF05456	eIF_4EBP	PF01652	IF4E	552.7811
PF02518	HATPase_c	PF01627	Hpt	414.5858
PF02201	SWIB	PF08563	P53_TAD	345.4882
PF00993	MHC_II_alpha	PF09307	MHC2-interact	331.6686
PF00653	BIR	PF00656	Peptidase_C14	331.6686
PF00714	IFN-gamma	PF07140	IFNGR1	331.6686
PF02205	WH2	PF00022	Actin	315.8749
PF00726	IL10	PF01108	Tissue_fac	285.0277
PF06384	ICAT	PF00514	Arm	207.2929
PF00646	F-box	PF00514	Arm	207.2929
PF00619	CARD	PF00656	Peptidase_C14	173.3722
PF00307	CH	PF00022	Actin	165.8343
PF00931	NB-ARC	PF00619	CARD	150.7585
PF00219	IGFBP	PF00049	Insulin	142.1437
PF00112	Peptidase_C1	PF00086	Thyroglobulin_1	138.1953
PF00758	EPO_TPO	PF09067	EpoR_lig-bind	138.1953
PF00102	Y_phosphatase	PF00514	Arm	125.6321
PF00531	Death	PF00917	MATH	114.3685
PF05806	Noggin	PF00019	TGF_beta	103.6465
PF00129	MHC_I	PF00059	Lectin_C	99.21712
PF00051	Kringle	PF00024	PAN_1	92.13018
PF00079	Serpin	PF00051	Kringle	92.13018
PF00992	Troponin	PF00036	efhand	78.96872
PF00514	Arm	PF00028	Cadherin	77.73484
PF00514	Arm	PF01049	Cadherin_C	77.73484
PF00019	TGF_beta	PF08917	ecTbetaR2	77.73484
PF00025	Arf	PF05216	UNC-50	77.73484
PF00917	MATH	PF00097	zf-C3HC4	72.10188
PF00503	G-alpha	PF00211	Guanylate_cyc	70.16067
PF00229	TNF	PF09257	BCMA-Tall_bind	69.09763
PF00229	TNF	PF09305	TACI-CRD2	69.09763
PF00020	TNFR_c6	PF00917	MATH	66.33373
PF00019	TGF_beta	PF01064	Activin_recp	65.46092
PF00400	WD40	PF02985	HEAT	64.49113
PF00615	RGS	PF00503	G-alpha	63.78243
PF00071	Ras	PF02196	RBD	63.45701
PF00084	Sushi	PF07678	A2M_comp	60.30339
PF02262	Cbl_N	PF00017	SH2	57.6815
PF02761	Cbl_N2	PF00017	SH2	57.6815
PF00071	Ras	PF00794	PI3K_rbd	50.76561
PF00621	RhoGEF	PF00071	Ras	48.03627
PF00079	Serpin	PF00089	Trypsin	46.42618
PF00229	TNF	PF00020	TNFR_c6	43.53151

PF00229	TNF	PF09256	BaffR-Tall_bind	43.18602
PF00071	Ras	PF00786	PBD	43.07385
PF00618	RasGEF_N	PF00071	Ras	42.30467
PF00627	UBA	PF00018	SH3_1	39.48436
PF00071	Ras	PF06367	Drf_FH3	39.48436
PF00071	Ras	PF06371	Drf_GBD	39.48436
PF00008	EGF	PF01030	Recep_L_domain	38.61338
PF00089	Trypsin	PF00024	PAN_1	38.49153
PF00617	RasGEF	PF00071	Ras	37.60415
PF02762	Cbl_N3	PF00017	SH2	37.49298
PF00089	Trypsin	PF08702	Fib_alpha	35.2839
PF00050	Kazal_1	PF00019	TGF_beta	34.54882
PF00320	GATA	PF00096	zf-C2H2	34.54882
PF02985	HEAT	PF01049	Cadherin_C	34.54882
PF00071	Ras	PF08912	Rho_Binding	33.84374
PF00620	RhoGAP	PF00071	Ras	33.84374
PF00071	Ras	PF02185	HR1	33.84374
PF00039	fn1	PF00040	fn2	33.16686
PF01064	Activin_recp	PF03166	MH2	32.73046
PF00619	CARD	PF00531	Death	31.19141
PF00236	Hormone_6	PF00560	LRR_1	29.61327
PF00400	WD40	PF00096	zf-C2H2	27.63905
PF01576	Myosin_tail_1	PF00036	efhand	26.32291
PF01582	TIR	PF00531	Death	26.20945
PF00001	7tm_1	PF00503	G-alpha	25.6596
PF00560	LRR_1	PF01582	TIR	24.67773
PF00097	zf-C3HC4	PF00240	ubiquitin	24.03396
PF00069	Pkinase	PF00514	Arm	23.70637
PF00169	PH	PF01412	ArfGap	23.69062
PF00169	PH	PF00071	Ras	23.20714
PF00048	IL8	PF00001	7tm_1	22.10019
PF00779	BTK	PF00169	PH	21.7164
PF01403	Sema	PF01833	TIG	21.63056
PF00103	Hormone_1	PF00041	fn3	21.53693
PF00489	IL6	PF00041	fn3	21.53693
PF00758	EPO_TPO	PF00041	fn3	21.53693
PF07645	EGF_CA	PF00683	TB	20.72929
PF01363	FYVE	PF00071	Ras	20.30624
PF00435	Spectrin	PF00036	efhand	19.74218
PF00018	SH3_1	PF01412	ArfGap	19.74218
PF00023	Ank	PF00097	zf-C3HC4	19.66415
PF00001	7tm_1	PF00631	G-gamma	19.06142
PF01437	PSI	PF01833	TIG	18.80919
PF07654	C1-set	PF00059	Lectin_C	18.76726
PF00243	NGF	PF07679	I-set	18.61216
PF00149	Metallophos	PF00027	cNMP_binding	18.42604
PF00641	zf-RanBP	PF00097	zf-C3HC4	18.02547

PF00017	SH2	PF00387	PI-PLC-Y	18.02547
PF00036	efhand	PF00071	Ras	17.72767
PF00917	MATH	PF00069	Pkinase	17.64195
PF00018	SH3_1	PF00071	Ras	17.32477
PF00167	FGF	PF07679	I-set	16.75094
PF00433	Pkinase_C	PF02196	RBD	16.36523
PF00341	PDGF	PF07686	V-set	16.2431
PF00069	Pkinase	PF00870	P53	16.17179
PF00616	RasGAP	PF00071	Ras	16.03125
PF00017	SH2	PF01017	STAT_alpha	16.02264
PF00017	SH2	PF02864	STAT_bind	16.02264
PF00047	ig	PF00514	Arm	15.72567
PF00071	Ras	PF00454	PI3_PI4_kinase	15.62019
PF00017	SH2	PF00388	PI-PLC-X	15.4504
PF00340	IL1	PF00047	ig	15.24913
PF00341	PDGF	PF00047	ig	15.01087
PF01403	Sema	PF01437	PSI	14.42038
PF02412	TSP_3	PF07645	EGF_CA	13.81953
PF00169	PH	PF00387	PI-PLC-Y	13.81953
PF01833	TIG	PF00071	Ras	13.2432
PF00627	UBA	PF00069	Pkinase	13.23146
PF00069	Pkinase	PF02985	HEAT	13.23146
PF00023	Ank	PF01833	TIG	13.10943
PF00433	Pkinase_C	PF00595	PDZ	12.27392
PF00017	SH2	PF00620	RhoGAP	12.01698
PF00169	PH	PF00388	PI-PLC-X	11.84531
PF00102	Y_phosphatase	PF02189	ITAM	11.59681
PF00167	FGF	PF00047	ig	11.43685
PF00102	Y_phosphatase	PF00017	SH2	11.36151
PF00017	SH2	PF00168	C2	10.57494
PF00020	TNFR_c6	PF00531	Death	10.29317
PF00053	Laminin_EGF	PF00050	Kazal_1	9.960019
PF00018	SH3_1	PF00620	RhoGAP	9.87109
PF00018	SH3_1	PF00307	CH	9.87109
PF00017	SH2	PF00640	PID	9.613584
PF00169	PH	PF00307	CH	9.476247
PF02210	Laminin_G_2	PF00047	ig	8.986096
PF00102	Y_phosphatase	PF00018	SH3_1	8.973719
PF00018	SH3_1	PF00621	RhoGEF	8.915824
PF00017	SH2	PF00621	RhoGEF	8.838295
PF00069	Pkinase	PF00240	ubiquitin	8.820974
PF00129	MHC_I	PF00047	ig	8.797577
PF00617	RasGEF	PF00036	efhand	8.774303
PF00036	efhand	PF00149	Metallophos	8.774303
PF00047	ig	PF05790	C2-set	8.577637
PF00018	SH3_1	PF02205	WH2	8.460935
PF00236	Hormone_6	PF07686	V-set	8.250464

PF02412	TSP_3	PF00008	EGF	8. 129133
PF05735	TSP_C	PF00008	EGF	8. 129133
PF00169	PH	PF00168	C2	7. 896872
PF07686	V-set	PF01030	Recep_L_domain	7. 73481
PF00560	LRR_1	PF00041	fn3	7. 691759
PF00017	SH2	PF00169	PH	7. 622199
PF00129	MHC_I	PF07686	V-set	7. 615813
PF00993	MHC_II_alpha	PF07686	V-set	7. 425417
PF00786	PBD	PF00069	Pkinase	7. 217161
PF00779	BTK	PF00017	SH2	7. 210188
PF00047	ig	PF00059	Lectin_C	6. 989186
PF00993	MHC_II_alpha	PF00047	ig	6. 86211
PF00047	ig	PF00629	MAM	6. 86211
PF00788	RA	PF00071	Ras	6. 768748
PF00169	PH	PF00036	efhand	6. 768748
PF00621	RhoGEF	PF00618	RasGEF_N	6. 686868
PF00786	PBD	PF00169	PH	6. 461077
PF01462	LRRNT	PF00047	ig	6. 353805
PF00069	Pkinase	PF00027	cNMP_binding	6. 174682
PF00008	EGF	PF00023	Ank	5. 912097
PF07654	C1-set	PF07686	V-set	5. 729489
PF07654	C1-set	PF00047	ig	5. 718425
PF00071	Ras	PF00564	PB1	5. 640623
PF00017	SH2	PF00130	C1_1	5. 627464
PF07686	V-set	PF00757	Furin-like	5. 500309
PF00069	Pkinase	PF00168	C2	5. 439601
PF00069	Pkinase	PF00170	bZIP_1	5. 390596
PF00018	SH3_1	PF00412	LIM	5. 384231
PF00102	Y_phosphatase	PF00069	Pkinase	5. 346045
PF00102	Y_phosphatase	PF07714	Pkinase_Tyr	5. 346045
PF00089	Trypsin	PF01403	Sema	5. 292585
PF00097	zf-C3HC4	PF00069	Pkinase	5. 177529
PF00069	Pkinase	PF01094	ANF_receptor	5. 040557
PF00018	SH3_1	PF00618	RasGEF_N	4. 935545
PF00435	Spectrin	PF00018	SH3_1	4. 935545
PF00595	PDZ	PF00102	Y_phosphatase	4. 711202
PF08205	C2-set_2	PF07686	V-set	4. 583591
PF00782	DSPc	PF00069	Pkinase	4. 580121
PF00096	zf-C2H2	PF00097	zf-C3HC4	4. 506367
PF01404	Ephrin_lbd	PF00069	Pkinase	4. 410487
PF00515	TPR_1	PF00069	Pkinase	4. 410487
PF00069	Pkinase	PF00104	Hormone_recep	4. 410487
PF00069	Pkinase	PF00105	zf-C4	4. 410487
PF00069	Pkinase	PF00022	Actin	4. 410487
PF00069	Pkinase	PF02234	CDI	4. 410487
PF00069	Pkinase	PF00571	CBS	4. 410487
PF00069	Pkinase	PF00076	RRM_1	4. 410487

PF00069	Pkinase	PF09080	K-cyclin_vir_C	4. 410487
PF00069	Pkinase	PF09241	Herp-Cyclin	4. 410487
PF00018	SH3_1	PF00617	RasGEF	4. 387151
PF00041	fn3	PF00017	SH2	4. 307385
PF00560	LRR_1	PF00047	ig	4. 084589
PF00018	SH3_1	PF00169	PH	3. 948436
PF00018	SH3_1	PF00168	C2	3. 948436
PF00051	Kringle	PF00089	Trypsin	3. 920433
PF00017	SH2	PF00018	SH3_1	3. 776765
PF00069	Pkinase	PF00169	PH	3. 717411
PF00560	LRR_1	PF00071	Ras	3. 626115
PF00780	CNH	PF00069	Pkinase	3. 60858
PF00069	Pkinase	PF00412	LIM	3. 60858
PF00168	C2	PF00595	PDZ	3. 454882
PF00581	Rhodanese	PF00069	Pkinase	3. 430379
PF00017	SH2	PF02189	ITAM	3. 327779
PF02196	RBD	PF00069	Pkinase	3. 307865
PF02518	HATPase_c	PF00069	Pkinase	3. 307865
PF00018	SH3_1	PF02181	FH2	3. 290363
PF00018	SH3_1	PF00564	PB1	3. 290363
PF00102	Y_phosphatase	PF00041	fn3	3. 26317
PF00169	PH	PF00023	Ank	3. 230539
PF07686	V-set	PF00092	VWA	3. 093924
PF00069	Pkinase	PF00211	Guanylate_cyc	3. 087341
PF00169	PH	PF00621	RhoGEF	3. 056854
PF00069	Pkinase	PF00096	zf-C2H2	3. 03221
PF00008	EGF	PF00041	fn3	2. 744902
PF00059	Lectin_C	PF00008	EGF	2. 709711
PF00008	EGF	PF00051	Kringle	2. 709711
PF00069	Pkinase	PF00621	RhoGEF	2. 703202
PF00018	SH3_1	PF00023	Ank	2. 692116
PF00041	fn3	PF01030	Recep_L_domain	2. 692116
PF00169	PH	PF00617	RasGEF	2. 632291
PF00089	Trypsin	PF09064	Tme5_EGF_like	2. 520278
PF00069	Pkinase	PF00989	PAS	2. 520278
PF00616	RasGAP	PF00169	PH	2. 493749
PF07686	V-set	PF00009	GTP_EFTU	2. 475139
PF00071	Ras	PF00069	Pkinase	2. 430268
PF00008	EGF	PF00089	Trypsin	2. 421444
PF03623	Focal_AT	PF00017	SH2	2. 403396
PF00041	fn3	PF00757	Furin-like	2. 392992
PF00169	PH	PF00595	PDZ	2. 220995
PF00659	POLO_box	PF00069	Pkinase	2. 205244
PF00072	Response_reg	PF00069	Pkinase	2. 205244
PF00069	Pkinase	PF00554	RHD	2. 205244
PF00069	Pkinase	PF00134	Cyclin_N	2. 205244
PF00069	Pkinase	PF02984	Cyclin_C	2. 205244

PF00595	PDZ	PF00071	Ras	2. 115234
PF00018	SH3_1	PF00616	RasGAP	2. 078124
PF00069	Pkinase	PF00017	SH2	2. 071011
PF07714	Pkinase_Tyr	PF00017	SH2	2. 071011
PF09064	Tme5_EGF_like	PF07645	EGF_CA	1. 974218
PF00069	Pkinase	PF03166	MH2	1. 929588
PF00047	ig	PF03921	ICAM_N	1. 906142
PF00025	Arf	PF00069	Pkinase	1. 860674
PF00069	Pkinase	PF00018	SH3_1	1. 837703
PF07714	Pkinase_Tyr	PF00018	SH3_1	1. 837703
PF00017	SH2	PF02196	RBD	1. 802547
PF00018	SH3_1	PF00786	PBD	1. 794744
PF00069	Pkinase	PF00125	Histone	1. 764195
PF00069	Pkinase	PF00005	ABC_tran	1. 764195
PF00433	Pkinase_C	PF00069	Pkinase	1. 740982
PF00047	ig	PF00102	Y_phosphatase	1. 732856
PF07686	V-set	PF00017	SH2	1. 721836
PF00047	ig	PF00017	SH2	1. 690665
PF00610	DEP	PF00069	Pkinase	1. 653933
PF00008	EGF	PF00069	Pkinase	1. 599883
PF00025	Arf	PF00071	Ras	1. 586425
PF00069	Pkinase	PF00595	PDZ	1. 516105
PF00047	ig	PF00018	SH3_1	1. 497683
PF00008	EGF	PF07686	V-set	1. 334634
PF00047	ig	PF07686	V-set	1. 280244
PF00024	PAN_1	PF00069	Pkinase	1. 20286
PF00069	Pkinase	PF00619	CARD	1. 20286
PF00089	Trypsin	PF00084	Sushi	1. 17613
PF07645	EGF_CA	PF00089	Trypsin	1. 17613
PF00008	EGF	PF00047	ig	1. 12126
PF02185	HR1	PF00069	Pkinase	1. 102622
PF00069	Pkinase	PF00435	Spectrin	1. 102622
PF07686	V-set	PF01437	PSI	1. 076147
PF00069	Pkinase	PF00611	FCH	0. 980108
PF00041	fn3	PF00069	Pkinase	0. 973744
PF00008	EGF	PF00053	Laminin_EGF	0. 878825
PF00089	Trypsin	PF01826	TIL	0. 860583
PF01030	Recep_L_domain	PF00069	Pkinase	0. 826966
PF00017	SH2	PF00433	Pkinase_C	0. 758967
PF00757	Furin-like	PF00069	Pkinase	0. 735081
PF00498	FHA	PF00069	Pkinase	0. 735081
PF00069	Pkinase	PF00564	PB1	0. 735081
PF00069	Pkinase	PF00023	Ank	0. 60143
PF00047	ig	PF07679	I-set	0. 462095
PF07679	I-set	PF00041	fn3	0. 435089
PF00069	Pkinase	PF00618	RasGEF_N	0. 367541
PF07686	V-set	PF00041	fn3	0. 321447

PF00047	ig	PF00041	fn3	0.297061
PF00036	efhand	PF00069	Pkinase	0.210023
PF00020	TNFR_c6	PF00069	Pkinase	0.176419
PF07679	I-set	PF00069	Pkinase	0.133651
PF00047	ig	PF00069	Pkinase	0.121669
PF00008	EGF	PF00008	EGF	0
PF00053	Laminin_EGF	PF00053	Laminin_EGF	0
PF04863	EGF_alliinase	PF04863	EGF_alliinase	0
PF07645	EGF_CA	PF00008	EGF	0
PF07645	EGF_CA	PF07645	EGF_CA	0
PF00069	Pkinase	PF00069	Pkinase	0
PF00169	PH	PF00169	PH	0
PF07714	Pkinase_Tyr	PF07714	Pkinase_Tyr	0
PF00017	SH2	PF00017	SH2	0
PF00019	TGF_beta	PF00019	TGF_beta	0
PF00036	efhand	PF00036	efhand	0
PF00097	zf-C3HC4	PF00097	zf-C3HC4	0
PF00899	ThiF	PF00899	ThiF	0
PF03165	MH1	PF03165	MH1	0
PF03166	MH2	PF03166	MH2	0
PF01392	Fz	PF01392	Fz	0
PF00041	fn3	PF00041	fn3	0
PF07648	Kazal_2	PF07648	Kazal_2	0
PF00025	Arf	PF00025	Arf	0
PF00071	Ras	PF00071	Ras	0
PF01926	MMR_HSR1	PF01926	MMR_HSR1	0
PF00009	GTP_EFTU	PF00009	GTP_EFTU	0
PF00617	RasGEF	PF00617	RasGEF	0
PF00618	RasGEF_N	PF00617	RasGEF	0
PF00618	RasGEF_N	PF00618	RasGEF_N	0
PF00621	RhoGEF	PF00621	RhoGEF	0
PF01826	TIL	PF01826	TIL	0
PF00018	SH3_1	PF00018	SH3_1	0
PF08347	CTNNB1_binding	PF00514	Arm	0
PF00047	ig	PF00047	ig	0
PF00084	Sushi	PF00084	Sushi	0
PF00089	Trypsin	PF00089	Trypsin	0
PF00656	Peptidase_C14	PF00656	Peptidase_C14	0
PF07686	V-set	PF07686	V-set	0
PF01404	Ephrin_lbd	PF00812	Ephrin	0
PF00531	Death	PF00069	Pkinase	0
PF00531	Death	PF00531	Death	0
PF01335	DED	PF01335	DED	0
PF06617	M-inducer_phosp	PF00069	Pkinase	0
PF01403	Sema	PF01403	Sema	0
PF01437	PSI	PF01437	PSI	0
PF01582	TIR	PF01582	TIR	0

PF07679	I-set	PF07679	I-set	0
PF00024	PAN_1	PF00024	PAN_1	0
PF00051	Kringle	PF00051	Kringle	0
PF00028	Cadherin	PF00028	Cadherin	0
PF01049	Cadherin_C	PF00028	Cadherin	0
PF01049	Cadherin_C	PF01049	Cadherin_C	0
PF07654	C1-set	PF07654	C1-set	0
PF00594	Gla	PF00008	EGF	0
PF00594	Gla	PF00089	Trypsin	0
PF00594	Gla	PF00059	Lectin_C	0
PF00594	Gla	PF00051	Kringle	0
PF00594	Gla	PF00594	Gla	0
PF00057	Ldl_recept_a	PF00057	Ldl_recept_a	0
PF00090	TSP_1	PF00057	Ldl_recept_a	0
PF00090	TSP_1	PF00090	TSP_1	0
PF00564	PB1	PF00564	PB1	0
PF01636	APH	PF00023	Ank	0
PF01636	APH	PF01636	APH	0
PF00619	CARD	PF00619	CARD	0
PF02174	IRS	PF00017	SH2	0
PF00040	fn2	PF00040	fn2	0
PF08205	C2-set_2	PF08205	C2-set_2	0
PF02201	SWIB	PF02201	SWIB	0
PF00207	A2M	PF01759	NTR	0
PF01835	A2M_N	PF00207	A2M	0
PF07677	A2M_recep	PF01759	NTR	0
PF07677	A2M_recep	PF00207	A2M	0
PF07677	A2M_recep	PF01835	A2M_N	0
PF07677	A2M_recep	PF07677	A2M_recep	0
PF07678	A2M_comp	PF01835	A2M_N	0
PF07678	A2M_comp	PF07677	A2M_recep	0
PF07678	A2M_comp	PF07678	A2M_comp	0
PF07703	A2M_N_2	PF00207	A2M	0
PF07703	A2M_N_2	PF01835	A2M_N	0
PF01821	ANATO	PF07677	A2M_recep	0
PF01627	Hpt	PF00072	Response_reg	0