



TREAZ_3273
 TREAZ_3275
 TREAZ_3144_1
 TREAZ_2983
 TREAZ_1665
 TREAZ_0423
 TREAZ_3145_1
 TREAZ_2223
 TREAZ_2527
 TREAZ_2573
 TREAZ_1870
 TREAZ_2326
 TREAZ_2362_1
 TREAZ_1157_1
 TREAZ_2554_1
 TREAZ_2424_1
 TREAZ_2033_1
 TREAZ_2042_1
 TREAZ_2170_1
 TREAZ_0880
 TREAZ_1634_1
 TREAZ_3097
 TREAZ_0883
 TREAZ_2436
 TREAZ_3578_1
 TREAZ_0933
 TREAZ_1633
 TREAZ_2310
 TREAZ_0352
 TREAZ_0353
 TREAZ_2445
 TREAZ_3145_2
 TREAZ_1368
 TREAZ_2783
 TREAZ_0093
 TREAZ_1345
 TREAZ_2772
 TREAZ_2052
 TREAZ_0112
 TREAZ_1927
 TREAZ_2104
 TREAZ_2302
 TREAZ_2902
 TREAZ_3144_2
 TREAZ_2437
 TREAZ_1634_2
 TREAZ_3274
 TREAZ_3581
 TREAZ_3577
 TREAZ_0934
 TREAZ_2195
 TREAZ_3342
 TREAZ_0882
 TREAZ_2981
 TREAZ_3098
 TREAZ_0879
 TREAZ_1397
 TREAZ_2042_2
 TREAZ_3520
 TREAZ_3385
 TREAZ_0918
 TREAZ_2137
 TREAZ_0156
 TREAZ_1157_2
 TREAZ_2424_2
 TREAZ_3362
 TREAZ_2238
 TREAZ_2362_2
 TREAZ_2033_2
 TREAZ_2554_2
 TREAZ_2170_2
 TREAZ_2151
 TREAZ_0819
 TREAZ_1851
 TREAZ_1096
 TREAZ_1826
 TREAZ_0565
 TREAZ_1852
 TREAZ_3578_2



Orphan
 Pair
 Triad
 Tetrad
 Pentad+

Cluster

Family

Domains

Cluster	Family	Domains
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Pair	Unorthodox	1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	FrzZ	2 Response_reg
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Pair	YesN	1 Response_reg,2 HTH_AraC
Pair	YesN	1 Response_reg,1 HTH_AraC
Pair	YesN	1 Response_reg,1 HTH_AraC
Pair	YesN	1 Response_reg,2 HTH_AraC
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 GAF,1 HisKA,1 HATPase_c,2 Response_reg,1 Hemerythrin
Orphan	Hybrid	1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,2 Response_reg
Pair	RpfG	1 Response_reg,1 HD
Pair	Unorthodox	2 Response_reg,1 HisKA,1 HATPase_c,1 Hpt
Pair	RpfG	1 Response_reg,1 HD
Pair	RpfG	1 Response_reg,1 HD
Pair	RpfG	1 Response_reg,1 HD
Orphan	Hybrid	2 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
Pair	PleD	1 Response_reg,1 GGDEF
Orphan	unclassified	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	RpfG	1 Response_reg,1 HD
Orphan	RpfG	1 Response_reg,1 HD
Orphan	CheY	1 Response_reg
Pair	FrzZ	2 Response_reg
Orphan	CheY	1 Response_reg
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	unclassified	1 REC
Orphan	CheB	1 Response_reg,1 CheB_methylst
Orphan	unclassified	1 Response_reg
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	Hybrid	1 Cache_1,1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Unorthodox	1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
Orphan	Unorthodox	1 Cache_1,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	2 Response_reg,1 HisKA,1 HATPase_c,1 Hpt
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 PAS_4,1 PAS,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	2 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PTS_EIIC,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 GAF,1 HisKA,1 HATPase_c,2 Response_reg,1 Hemerythrin
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 Fer4,1 FeS,1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 Cache_1,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	2 SBP_bac_3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	2 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c