



RPD_3883
 RPD_2013
 RPD_4375
 RPD_3678
 RPD_2377
 RPD_0600
 RPD_0130
 RPD_2591
 RPD_2347
 RPD_1343
 RPD_2403
 RPD_2402
 RPD_0887
 RPD_0368
 RPD_0665
 RPD_4242
 RPD_2589
 RPD_3865
 RPD_2513
 RPD_1666_1
 RPD_0926
 RPD_0837
 RPD_0207
 RPD_3015
 RPD_2428
 RPD_0327
 RPD_3788
 RPD_2405
 RPD_2018
 RPD_1447
 RPD_2046
 RPD_1944
 RPD_4076
 RPD_1497
 RPD_0407
 RPD_2196
 RPD_1666_2
 RPD_3087
 RPD_1700
 RPD_3337
 RPD_3277
 RPD_0119
 RPD_1872
 RPD_0284



Orphan
 Pair
 Triad
 Tetrad
 Pentad+

Cluster	Family	Domains
Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Hybrid	1 Response_reg,1 HisKA,1 HATPase_c
Orphan	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,2 CheW,1 Response_reg
Orphan	Classic	1 PAS_2,1 GAF,1 PHY,1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HAMP,1 PAS,1 HisKA,1 HATPase_c
Orphan	Classic	1 CHASE3,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS_3,1 PAS,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS_2,1 GAF,1 PHY,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS_2,1 GAF,1 PHY,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS_4,1 HisKA,1 HATPase_c
Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS,1 HisKA,1 HATPase_c
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	3 PAS_4,2 HisKA,2 HATPase_c,2 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Classic	2 PAS,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS,1 HisKA_2,1 HATPase_c
Orphan	Hybrid	1 Response_reg,1 HisKA_2,1 HATPase_c
Orphan	Classic	1 GAF,1 HisKA_2,1 HATPase_c
Orphan	Classic	1 PAS_2,1 GAF,1 PHY,1 HisKA_3,1 HATPase_c
Orphan	Hybrid	1 Response_reg,1 HisKA_3,1 HATPase_c
Orphan	Classic	1 PAS_3,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS,1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS,1 HisKA,1 HATPase_c
Orphan	Unorthodox	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	3 PAS_4,2 HisKA,2 HATPase_c,2 Response_reg
Orphan	Hybrid	2 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	3 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	3 PAS,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 Cache_1,1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 Cache_1,1 HAMP,1 PAS_4,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg