



PA14_67670
 PA14_06070
 PA14_49420
 PA14_41270
 PA14_70760
 PA14_43350
 PA14_63160
 PA14_32570
 PA14_54500
 PA14_49170
 PA14_29740
 PA14_68680
 PA14_22960
 PA14_22730
 PA14_10700
 PA14_52240
 PA14_29360
 PA14_64580
 PA14_31950
 PA14_45870
 PA14_27800
 PA14_56940
 PA14_24340
 PA14_11630
 PA14_72390
 PA14_58320
 PA14_50200
 PA14_62530
 PA14_60250
 PA14_48160
 PA14_36420
 PA14_55780
 PA14_09680
 PA14_68230
 PA14_46980
 PA14_72740
 PA14_38970
 PA14_21700
 PA14_38740
 PA14_46370
 PA14_13740
 PA14_07820
 PA14_38910
 PA14_57170
 PA14_45590
 PA14_02250
 PA14_05390
 PA14_52260
 PA14_10770
 PA14_43670
 PA14_64230
 PA14_27550
 PA14_19340
 PA14_65860
 PA14_59800
 PA14_59780
 PA14_24720
 PA14_12820
 PA14_30700



Orphan
 Pair
 Triad
 Tetrad
 Pentad+

Cluster

Family

Domains

Cluster	Family	Domains
Orphan	Classic	1 PAS,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS_2,1 GAF,1 PHY,1 HisKA,1 HATPase_c
Triad	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	1 CHASE2,1 PAS_4,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 PAS,1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Orphan	Hybrid	2 PAS_4,1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Classic	1 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c
Pair	Classic	1 PAS_3,1 PAS,1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA,1 HATPase_c
Orphan	Hybrid	2 PAS_4,1 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
Pair	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Pair	Classic	1 HAMP,1 HisKA_3,1 HATPase_c
Pair	Classic	1 SBP_bac_3,1 PAS_4,1 PAS_3,1 HisKA_3,1 HATPase_c
Pair	Classic	1 HisKA_3,1 HATPase_c
Orphan	Classic	1 HAMP,1 PAS,1 HisKA,1 HATPase_c
Pair	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
Pair	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
Pair	CheA	7 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW,1 Response_reg
Triad	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 CHASE,2 PAS,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
Orphan	Hybrid	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HisKA,1 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	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,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 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Triad	Unorthodox	1 PBpb,1 SBP_bac_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	1 PBpb,1 SBP_bac_3,1 HisKA,1 HATPase_c,1 Response_reg