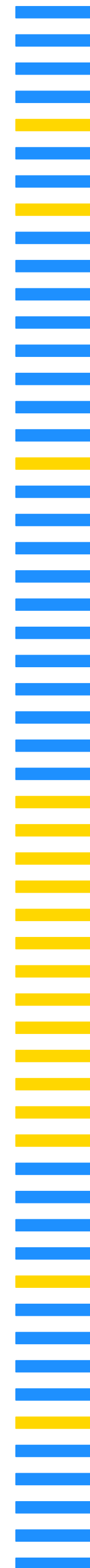


MC28_5295
MC28_0225
MC28_2049
MC28_3817
MC28_0241_2
MC28_4492
MC28_1179
MC28_1052
MC28_0337
MC28_4298
MC28_1919
MC28_3866
MC28_0530
MC28_0712
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MC28_5307
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MC28_1162
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MC28_4972
MC28_2434
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MC28_1108
MC28_0983
MC28_5361
MC28_4675
MC28_2242
MC28_0241_1
MC28_0876
MC28_3730
MC28_1794
MC28_4126
MC28_1095



Orphan
Pair
Triad
Tetrad
Pentad+

Cluster	Family	Domains
Orphan	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 HisKA,1 HATPase_c
Orphan	Hybrid	1 CHASE3,1 HAMP,1 GAF,1 Histone_HNS,1 HisKA,1 HATPase_c,1 Response_reg
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Classic	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 PAS,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Pair	Classic	1 HAMP,1 PAS,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 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 GAF,1 PAS,1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS,1 PAS_4,1 HisKA,1 HATPase_c
Orphan	Classic	3 PAS_4,1 HisKA,1 HATPase_c
Orphan	Classic	1 PAS,1 PAS_4,1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Pair	Classic	1 HisKA_3,1 HATPase_c
Pair	Classic	1 HisKA_3,1 HATPase_c
Pair	Classic	1 GAF,1 HisKA_3,1 HATPase_c
Pair	Classic	1 GAF,1 HisKA_3,1 HATPase_c
Orphan	Hybrid	1 HisKA_3,1 HATPase_c,1 Response_reg,1 HTH_LUXR
Pair	Classic	1 HisKA_3,1 HATPase_c
Pair	Classic	1 HisKA_3,1 HATPase_c
Pair	Classic	1 GAF,1 His_kinase,1 HATPase_c
Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
Orphan	Hybrid	1 CHASE3,1 HAMP,1 GAF,1 Histone_HNS,1 HisKA,1 HATPase_c,1 Response_reg
Pair	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
Pair	Classic	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