



BALH_4384
 BALH_1317
 BALH_2566
 BALH_4571
 BALH_4972
 BALH_4172
 BALH_1163
 BALH_2875
 BALH_0512
 BALH_1973
 BALH_1748
 BALH_1334
 BALH_2901
 BALH_1733
 BALH_0592
 BALH_0525
 BALH_2301
 BALH_0266
 BALH_4415
 BALH_4249
 BALH_0277
 BALH_4121
 BALH_0893_2
 BALH_4761
 BALH_1671
 BALH_0987
 BALH_2919
 BALH_1654
 BALH_2054
 BALH_1197
 BALH_3277
 BALH_2802
 BALH_4348
 BALH_2371
 BALH_0326
 BALH_3627
 BALH_1313
 BALH_2379
 BALH_1201
 BALH_1575
 BALH_0573
 BALH_4912
 BALH_2024
 BALH_2999
 BALH_1295
 BALH_4851
 BALH_0899
 BALH_4948
 BALH_1471
 BALH_0893_1
 BALH_4021
 BALH_2337
 BALH_4402

Cluster **Family** **Domains**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

Cluster	Family	Domains
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
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 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 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
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
Pair	Classic	1 HisKA,1 HATPase_c
Pair	Classic	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 PAS,1 PAS_4,1 HisKA,1 HATPase_c
Orphan	Classic	3 PAS_4,1 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	1 GAF,1 PAS_4,1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	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_3,1 HATPase_c
Orphan	Classic	1 HisKA_3,1 HATPase_c
Orphan	Classic	1 GAF,1 HisKA_3,1 HATPase_c
Orphan	Classic	1 GAF,1 HisKA_3,1 HATPase_c
Orphan	Hybrid	1 HisKA_3,1 HATPase_c,1 Response_reg,1 HTH_LUXR
Orphan	Classic	1 HisKA_3,1 HATPase_c
Orphan	Classic	1 HisKA_3,1 HATPase_c
Orphan	Classic	1 HisKA_3,1 HATPase_c
Orphan	Classic	1 GAF,1 His_kinase,1 HATPase_c
Orphan	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
Orphan	Hybrid	1 CHASE3,1 HAMP,1 GAF,1 Histone_HNS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c
Orphan	Classic	1 HisKA,1 HATPase_c