



**Cluster**

**Family**

**Domains**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

Cluster	Family	Domains
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Hybrid	1 CHASE3,1 HAMP,1 GAF,1 Histone_HNS,1 HisKA,1 HATPase_c,1 Response_reg
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 PAS,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 PAS,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 GAF,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 PAS_4,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 PAS,1 PAS_4,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 PAS,1 PAS_4,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	3 PAS_4,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: red;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: red;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: yellow;">■</span>	Hybrid	1 HisKA_3,1 HATPase_c,1 Response_reg,1 HTH_LUXR
<span style="color: blue;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 GAF,1 HisKA_3,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 GAF,1 HisKA_3,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 GAF,1 His_kinase,1 HATPase_c
<span style="color: blue;">■</span>	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
<span style="color: yellow;">■</span>	Hybrid	1 CHASE3,1 HAMP,1 GAF,1 Histone_HNS,1 HisKA,1 HATPase_c,1 Response_reg
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c