



Bsel\_2830  
 Bsel\_0710  
 Bsel\_0449  
 Bsel\_0872\_2  
 Bsel\_0605\_2  
 Bsel\_2609  
 Bsel\_1018  
 Bsel\_3285  
 Bsel\_0292  
 Bsel\_1431  
 Bsel\_0294  
 Bsel\_3127\_2  
 Bsel\_1765  
 Bsel\_3127\_1  
 Bsel\_0558  
 Bsel\_3235  
 Bsel\_1007  
 Bsel\_2035  
 Bsel\_0432  
 Bsel\_0872\_1  
 Bsel\_0605\_1  
 Bsel\_0652  
 Bsel\_0273  
 Bsel\_2492  
 Bsel\_3301  
 Bsel\_1358  
 Bsel\_2174  
 Bsel\_2649  
 Bsel\_0620  
 Bsel\_1136  
 Bsel\_0317  
 Bsel\_1486

**Cluster**

**Family**

**Domains**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

Cluster	Family	Domains
<span style="color: blue;">■</span>	Classic	1 HAMP,1 His_kinase,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 His_kinase,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HAMP,1 His_kinase,1 HATPase_c
<span style="color: yellow;">■</span>	Hybrid	1 HisKA,2 HATPase_c,1 Response_reg,1 His_kinase
<span style="color: yellow;">■</span>	Hybrid	1 HisKA,2 HATPase_c,1 Response_reg,1 His_kinase
<span style="color: blue;">■</span>	Classic	1 HAMP,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: red;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: red;">■</span>	Classic	1 HisKA_3,1 HATPase_c
<span style="color: blue;">■</span>	Hybrid	2 HisKA,2 HATPase_c,1 Response_reg
<span style="color: blue;">■</span>	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
<span style="color: blue;">■</span>	Hybrid	2 HisKA,2 HATPase_c,1 Response_reg
<span style="color: blue;">■</span>	Classic	1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 Cache_1,1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HAMP,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 SBP_bac_3,1 PAS,1 HisKA,1 HATPase_c
<span style="color: yellow;">■</span>	Hybrid	1 HisKA,2 HATPase_c,1 Response_reg,1 His_kinase
<span style="color: yellow;">■</span>	Hybrid	1 HisKA,2 HATPase_c,1 Response_reg,1 His_kinase
<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_4,1 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 PAS,1 HisKA,1 HATPase_c
<span style="color: blue;">■</span>	Classic	1 HisKA,1 HATPase_c
<span style="color: green;">■</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