



**Cluster**

**Family**

**Domains**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

Cluster	Family	Domains
CLJU_c15470	Classic	1 HisKA,1 HATPase_c
CLJU_c04430	Classic	1 HisKA,1 HATPase_c
CLJU_c30640	Classic	1 HisKA,1 HATPase_c
CLJU_c17320	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c15810	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c41750	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c12380	Classic	1 HAMP,1 PAS,1 HisKA,1 HATPase_c
CLJU_c06960	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c19460	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c25670	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c05020	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c07840	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c30050	Unorthodox	1 GAF,1 PAC,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
CLJU_c19820	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c29610	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c25090	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c40260	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c22960	Classic	1 HisKA,1 HATPase_c
CLJU_c09180	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c07710	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c01060	Classic	1 HisKA,1 HATPase_c
CLJU_c27180	Classic	1 HisKA,1 HATPase_c
CLJU_c25760	Classic	1 HisKA,1 HATPase_c
CLJU_c14180	Classic	1 HisKA,1 HATPase_c
CLJU_c39970	Classic	1 HisKA,1 HATPase_c
CLJU_c39520	Classic	1 HisKA,1 HATPase_c
CLJU_c30130	Classic	1 HisKA,1 HATPase_c
CLJU_c19760	Hybrid	1 Response_reg,1 HisKA,1 HATPase_c
CLJU_c04780	Classic	1 HisKA,1 HATPase_c
CLJU_c22120	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
CLJU_c09430	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
CLJU_c28880	Classic	1 HisKA_3,1 HATPase_c
CLJU_c14980	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c13770	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c27040	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c11780	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c06500	Classic	1 HisKA,1 HATPase_c
CLJU_c07800	Classic	1 HisKA,1 HATPase_c
CLJU_c04560	Classic	1 HisKA,1 HATPase_c
CLJU_c32960	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c00810	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c38690	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c19630	Classic	1 HAMP,1 HisKA,1 HATPase_c
CLJU_c14370	Classic	1 HisKA,1 HATPase_c
CLJU_c39680	Classic	1 His_kinase,1 HATPase_c
CLJU_c11860	Classic	1 His_kinase,1 HATPase_c
CLJU_c37330	Classic	1 His_kinase,1 HATPase_c