



C380\_19780  
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 C380\_19565  
 C380\_12765  
 C380\_09305  
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 C380\_23080  
 C380\_11405  
 C380\_20740  
 C380\_19090  
 C380\_02320



- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

**Cluster**

**Family**

**Domains**

Cluster	Family	Domains
C380_19780	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_15680	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_19650	CheA	3 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW,1 Response_reg
C380_06710	Classic	1 HisKA_3,1 HATPase_c
C380_21370	Classic	1 HisKA,1 HATPase_c
C380_18520	Classic	1 PAS,1 HisKA,1 HATPase_c
C380_19820	Classic	1 HisKA,1 HATPase_c
C380_01760	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_08505	Classic	1 HisKA,1 HATPase_c
C380_13555	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_01545	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_15195	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_00060	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_22935	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_23350	Classic	1 2CSK_N,1 HAMP,1 HisKA,1 HATPase_c
C380_16130	Classic	1 2CSK_N,1 HAMP,1 HisKA,1 HATPase_c
C380_10370	Classic	1 2CSK_N,1 HisKA,1 HATPase_c
C380_22605	Classic	1 HisKA,1 HATPase_c
C380_18705	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_19475	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_04020	Classic	1 2CSK_N,1 HAMP,1 HisKA,1 HATPase_c
C380_16440	Classic	1 2CSK_N,1 HAMP,1 HisKA,1 HATPase_c
C380_11880	Classic	1 2CSK_N,1 HisKA,1 HATPase_c
C380_06220	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_05845	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_06135	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_05640	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_21985	Hybrid	1 Response_reg,1 HisKA,1 HATPase_c
C380_12510	Classic	1 PAS_4,1 HisKA,1 HATPase_c
C380_21970	Hybrid	1 CHASE3,1 GAF,1 HisKA,1 HATPase_c,3 Response_reg
C380_19565	Classic	1 HisKA,1 HATPase_c
C380_12765	Classic	1 HisKA,1 HATPase_c
C380_09305	Classic	1 HisKA,1 HATPase_c
C380_20635	Classic	1 TPR_1,1 HisKA
C380_17190	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
C380_22320	Hybrid	1 Cache_1,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
C380_17825	Classic	2 PAS_4,1 HisKA,1 HATPase_c
C380_05060	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
C380_23595	Unorthodox	3 MHYT,1 PAS,2 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
C380_12605	Classic	3 PAS,1 HisKA,1 HATPase_c
C380_17640	Unorthodox	1 PAS,2 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
C380_12050	Unorthodox	1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
C380_16720	Unorthodox	1 PAS,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
C380_17735	Classic	1 His_kinase,1 HATPase_c
C380_06955	Classic	1 His_kinase,1 HATPase_c
C380_03250	Classic	1 2CSK_N,1 HAMP,1 HisKA,1 HATPase_c
C380_02855	Classic	1 PAS,1 HisKA_3,1 HATPase_c
C380_20725	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
C380_16870	Classic	1 HisKA,1 HATPase_c
C380_06395	Classic	1 CHASE2,1 PAS,1 HisKA,1 HATPase_c
C380_02145	Classic	1 HAMP,1 HisKA,1 HATPase_c
C380_20245	Classic	1 HisKA,1 HATPase_c
C380_23080	Classic	1 PAS,1 HisKA,1 HATPase_c
C380_11405	Classic	1 PAS,1 HisKA,1 HATPase_c
C380_20740	Hybrid	1 Response_reg,1 HisKA_3,1 HATPase_c
C380_19090	Classic	1 CHASE3,1 HisKA_3,1 HATPase_c
C380_02320	Classic	1 HAMP,1 GAF,1 HisKA_3,1 HATPase_c