



Sequence ID	Cluster	Family	Domains
U769_30115	Pair	Classic	1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c
U769_04965	Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
U769_29460	Pair	Classic	1 HisKA,1 HATPase_c
U769_23580	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_17565	Pair	Classic	1 HisKA,1 HATPase_c
U769_09530	Pair	Classic	1 HisKA,1 HATPase_c
U769_04660	Orphan	Classic	1 CHASE2,1 PAS_4,1 HisKA,1 HATPase_c
U769_19980	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_16690	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_19870	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_11890	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_24160	Pair	Classic	1 HisKA,1 HATPase_c
U769_26225	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_12825	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_22385	Pair	Classic	1 2CSK_N,1 HAMP,1 HisKA,1 HATPase_c
U769_27980	Pair	Classic	1 PAS,1 HisKA,1 HATPase_c
U769_02375	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_24915	Pair	Classic	1 HisKA,1 HATPase_c
U769_28640	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_08960	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_08880	Orphan	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_04260	Orphan	Classic	1 PAS_2,1 GAF,1 PHY,1 HisKA,1 HATPase_c
U769_21140	Triad	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_11715	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_15400	Orphan	Hybrid	2 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
U769_08505	Orphan	Hybrid	1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
U769_15320	Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
U769_18780	Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
U769_18570	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_10960	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_26795	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_12605	Pair	Classic	1 HAMP,1 HisKA,1 HATPase_c
U769_15380	Pair	Classic	1 HisKA_3,1 HATPase_c
U769_03070	Pair	Classic	1 SBP_bac_3,1 PAS_4,1 PAS_3,1 HisKA_3,1 HATPase_c
U769_05475	Pair	Classic	1 HAMP,1 HisKA_3,1 HATPase_c
U769_18470	Pair	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
U769_00915	Pair	CheA	1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW
U769_02130	Pair	CheA	7 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW,1 Response_reg
U769_23675	Orphan	Classic	1 HAMP,1 PAS,1 HisKA,1 HATPase_c
U769_20275	Pair	Classic	1 HisKA,1 HATPase_c
U769_03865	Pair	Classic	1 PAS_3,1 PAS,1 HisKA,1 HATPase_c
U769_25955	Pair	Classic	1 PAS,1 HisKA,1 HATPase_c
U769_23135	Orphan	Classic	1 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c
U769_28465	Pair	Classic	1 HisKA,1 HATPase_c
U769_19070	Pair	Classic	1 HisKA,1 HATPase_c
U769_30255	Pair	Classic	1 HisKA,1 HATPase_c
U769_19540	Orphan	Hybrid	2 PAS_4,1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
U769_14405	Orphan	Hybrid	1 PAS_4,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
U769_26640	Orphan	Hybrid	1 HisKA,1 HATPase_c,2 Response_reg
U769_10835	Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
U769_17690	Orphan	Hybrid	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg
U769_07480	Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
U769_21150	Triad	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
U769_04285	Orphan	Unorthodox	1 CHASE,2 PAS,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
U769_27285	Orphan	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
U769_09705	Pair	Unorthodox	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
U769_05110	Triad	Unorthodox	1 PBPb,1 SBP_bac_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
U769_12270	Orphan	Hybrid	1 PBPb,1 SBP_bac_3,1 HisKA,1 HATPase_c,1 Response_reg