



| BT ID | Cluster | Family | Domains |
|---------|---------|---------|--|
| BT_1483 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_0733 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_1058 | Orphan | Hybrid | 1 Response_reg,1 HisKA,1 HATPase_c |
| BT_4236 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_0989 | Orphan | Classic | 1 HAMP,1 HisKA,1 HATPase_c |
| BT_0681 | Orphan | Classic | 1 HAMP,1 HisKA,1 HATPase_c |
| BT_0927 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_2166 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_2619 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg |
| BT_0014 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg |
| BT_3800 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_8,1 HTH_AraC |
| BT_2391 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3805 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg |
| BT_2420 | Orphan | Classic | 1 HAMP,1 PAS,1 HisKA,1 HATPase_c |
| BT_3645 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_1802 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_1738 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_3257 | Orphan | Classic | 1 TPR_2,1 His_kinase,1 HATPase_c |
| BT_0855 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_1795 | Orphan | Classic | 1 His_kinase,1 HATPase_c |
| BT_1216 | Orphan | Classic | 1 His_kinase,1 HATPase_c |
| BT_4124 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,2 HTH_AraC |
| BT_4111 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_0981 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_2923 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_2897 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,2 HTH_AraC |
| BT_3134 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_2860 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3465 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,2 HTH_AraC |
| BT_1754 | Orphan | Hybrid | 1 Peripla_BP_1,1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_0366 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_4663 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3049 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 Mga,1 HTH_AraC |
| BT_4673 | Orphan | Classic | 1 HisKA,1 HATPase_c,1 HTH_AraC |
| BT_3097 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_2826 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3334 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_2971 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_4182 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_4178 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3678 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_0267 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3738 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_0958 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_1734 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_4137 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_1635 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3172 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3786 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_2628 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_3302 | Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC |
| BT_2540 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_1237 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_2574 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_1531 | Orphan | Classic | 1 PAS,1 PAS_3,1 HisKA,1 HATPase_c |
| BT_0994 | Orphan | Classic | 1 PAS_3,1 HisKA,1 HATPase_c |
| BT_1800 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_1597 | Orphan | Classic | 1 TPR_2,1 HisKA,1 HATPase_c |
| BT_4354 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_0998 | Orphan | Classic | 1 GAF,1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c |
| BT_1661 | Orphan | Classic | 1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c |
| BT_1264 | Orphan | Hybrid | 1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg |
| BT_4057 | Orphan | Classic | 2 PAS_3,1 GAF,2 PAS_4,1 HisKA,1 HATPase_c |
| BT_1833 | Orphan | Classic | 1 NUDIX,1 GAF,1 PAS_3,1 HisKA,1 HATPase_c |
| BT_2023 | Orphan | Classic | 1 PAS_3,1 HisKA,1 HATPase_c |
| BT_1447 | Orphan | Hybrid | 2 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg |
| BT_0654 | Orphan | Classic | 1 HisKA,1 HATPase_c |
| BT_4552 | Orphan | Hybrid | 1 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg |
| BT_0818 | Orphan | Hybrid | 1 PAS_4,2 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg |
| BT_1183 | Orphan | Hybrid | 1 PAS,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg |