



| Cluster | Family | Domains |
|---------|---------|--|
| Orphan | Hybrid | 1 HisKA,1 HATPase_c,1 Response_reg |
| Orphan | Hybrid | 1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg |
| Triad | Hybrid | 1 Response_reg,1 HisKA,1 HATPase_c |
| Triad | Classic | 1 PAS_4,1 HisKA,1 HATPase_c |
| Pair | Classic | 1 HAMP,1 HisKA_3,1 HATPase_c |
| Orphan | CheA | 1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW |
| Orphan | Hybrid | 1 CHASE,1 HisKA,1 HATPase_c,1 Response_reg |
| Orphan | Hybrid | 3 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg |