



Rsph17025\_3128  
 Rsph17025\_1903  
 Rsph17025\_1472  
 Rsph17025\_0504  
 Rsph17025\_2337  
 Rsph17025\_1924  
 Rsph17025\_2788  
 Rsph17025\_2647  
 Rsph17025\_2943  
 Rsph17025\_2215  
 Rsph17025\_0271  
 Rsph17025\_3048  
 Rsph17025\_1674  
 Rsph17025\_0015\_1  
 Rsph17025\_1575  
 Rsph17025\_0015\_2  
 Rsph17025\_1787  
 Rsph17025\_0263  
 Rsph17025\_1793  
 Rsph17025\_2703  
 Rsph17025\_2263  
 Rsph17025\_1140  
 Rsph17025\_1797  
 Rsph17025\_1342  
 Rsph17025\_2959  
 Rsph17025\_1488  
 Rsph17025\_2375  
 Rsph17025\_0715  
 Rsph17025\_0289  
 Rsph17025\_1490  
 Rsph17025\_0245  
 Rsph17025\_2422  
 Rsph17025\_1676  
 Rsph17025\_1932  
 Rsph17025\_1138  
 Rsph17025\_1343  
 Rsph17025\_0367  
 Rsph17025\_2216  
 Rsph17025\_0145  
 Rsph17025\_1930  
 Rsph17025\_3016  
 Rsph17025\_1635  
 Rsph17025\_0268  
 Rsph17025\_1631  
 Rsph17025\_1215  
 Rsph17025\_0604  
 Rsph17025\_0303  
 Rsph17025\_2423



Orphan  
 Pair  
 Triad  
 Tetrad  
 Pentad+

**Cluster**

OmpR  
 OmpR  
 CheY  
 CheY  
 PleD  
 OmpR  
 OmpR  
 RsbU  
 OmpR  
 OmpR  
 NtrC  
 Hybrid  
 Unorthodox  
 Hybrid  
 Hybrid  
 Hybrid  
 CheY  
 CheY  
 CheY  
 unclassified  
 CheY  
 CheY  
 CheY  
 CheY  
 CheY  
 PrrA  
 NtrC  
 Hybrid  
 NtrC  
 NtrC  
 PrrA  
 NarL  
 NarL  
 NarL  
 NarL  
 NarL  
 Hybrid  
 unclassified  
 Hybrid  
 CheY  
 Hybrid  
 unclassified  
 CheB  
 CheB  
 CheY  
 unclassified  
 unclassified  
 unclassified  
 Hybrid

**Family**

**Domains**

1 Response\_reg,1 Trans\_reg\_C  
 1 Response\_reg,1 Trans\_reg\_C  
 1 Response\_reg  
 1 Response\_reg  
 1 Response\_reg,1 GGDEF  
 1 Response\_reg,1 Trans\_reg\_C  
 1 Response\_reg,1 Trans\_reg\_C  
 1 Response\_reg,1 SpoIIIE  
 1 Response\_reg,1 Trans\_reg\_C  
 1 Response\_reg,1 Trans\_reg\_C  
 1 Response\_reg,1 AAA,1 HTH\_8  
 1 PAS,1 HisKA,1 HATPase\_c,1 Response\_reg  
 1 PAS,1 HisKA,1 HATPase\_c,1 Response\_reg,1 Hpt  
 1 HisKA,1 HATPase\_c,2 Response\_reg  
 1 HisKA,1 HATPase\_c,1 Response\_reg  
 1 HisKA,1 HATPase\_c,2 Response\_reg  
 1 Response\_reg  
 1 Response\_reg  
 1 Response\_reg  
 1 Response\_reg  
 1 Response\_reg,1 HTH\_8  
 1 Response\_reg,1 AAA,1 HTH\_8  
 1 PAS\_4,1 HisKA,1 HATPase\_c,1 Response\_reg  
 1 Response\_reg,1 AAA\_5,1 HTH\_8  
 1 Response\_reg,1 AAA\_5,1 HTH\_8  
 1 Response\_reg,1 HTH\_8  
 1 Response\_reg,1 GerE  
 1 Response\_reg,1 HTH\_LUXR  
 1 Response\_reg,1 HTH\_LUXR  
 1 Response\_reg,1 HTH\_LUXR  
 1 Response\_reg,1 HTH\_LUXR  
 1 Response\_reg,1 HisKA\_2,1 HATPase\_c  
 1 Response\_reg  
 1 PAS\_4,1 HisKA,1 HATPase\_c,1 Response\_reg  
 1 Response\_reg  
 1 HisKA,1 HATPase\_c,1 Response\_reg  
 1 Response\_reg  
 1 Response\_reg,1 CheB\_methylest  
 1 Response\_reg,1 CheB\_methylest  
 1 Response\_reg  
 1 REC  
 1 REC  
 1 Response\_reg  
 1 PAS\_4,1 PAS,1 HisKA,1 HATPase\_c,1 Response\_reg