



TM1040\_2746  
 TM1040\_1257  
 TM1040\_1509  
 TM1040\_2887  
 TM1040\_2924  
 TM1040\_2733  
 TM1040\_0111  
 TM1040\_1399  
 TM1040\_0051  
 TM1040\_2441  
 TM1040\_2348  
 TM1040\_0636  
 TM1040\_2174  
 TM1040\_2774\_1  
 TM1040\_0962  
 TM1040\_2774\_2  
 TM1040\_0342  
 TM1040\_0221  
 TM1040\_1228  
 TM1040\_0405  
 TM1040\_1854  
 TM1040\_1031  
 TM1040\_0876  
 TM1040\_2722  
 TM1040\_0112  
 TM1040\_2838  
 TM1040\_1359  
 TM1040\_1361  
 TM1040\_1814  
 TM1040\_1461  
 TM1040\_0960  
 TM1040\_0828  
 TM1040\_0829  
 TM1040\_0136  
 TM1040\_1029  
 TM1040\_1998  
 TM1040\_1215

**Cluster**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

**Family**

**Domains**

Cluster	Family	Domains
Orphan	Hybrid	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 PAS
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	CheY	1 Response_reg
Orphan	RsbU	1 Response_reg,1 SpoIIIE
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	unclassified	1 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	PleD	1 Response_reg,1 GGDEF
Orphan	Hybrid	1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Unorthodox	1 PAS,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 CHASE,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	Hybrid	1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
Tetrad	CheY	1 Response_reg
Pair	NarL	1 Response_reg,1 HTH_LUXR
Orphan	unclassified	1 Response_reg
Pair	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	PrrA	1 Response_reg,1 HTH_8
Tetrad	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Tetrad	NtrC	1 Response_reg,1 AAA,1 HTH_8
Pair	PrrA	1 Response_reg,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Triad	NarL	1 Response_reg,1 HTH_LUXR
Triad	CheY	1 Response_reg
Pair	CheY	1 Response_reg
Tetrad	CheY	1 Response_reg
Pair	CheY	1 Response_reg
Pair	CheY	1 Response_reg