



SLG\_13960  
 SLG\_03980  
 SLG\_30830  
 SLG\_13920  
 SLG\_11060\_2  
 SLG\_10760  
 SLG\_10730  
 SLG\_17950  
 SLG\_14790  
 SLG\_08880  
 SLG\_29950  
 SLG\_13230  
 SLG\_03090  
 SLG\_07480  
 SLG\_13310  
 SLG\_08010  
 SLG\_29190  
 SLG\_02220  
 SLG\_31020  
 SLG\_08130  
 SLG\_09120  
 SLG\_06920  
 SLG\_17260  
 SLG\_00210  
 SLG\_38440  
 SLG\_32430  
 SLG\_37860  
 SLG\_11060\_1  
 SLG\_27150  
 SLG\_17970  
 SLG\_15740  
 SLG\_27760  
 SLG\_15390  
 SLG\_22690  
 SLG\_33940  
 SLG\_03990  
 SLG\_11060\_3  
 SLG\_03550  
 SLG\_10070  
 SLG\_10020  
 SLG\_13620  
 SLG\_13900  
 SLG\_01090  
 SLG\_28990  
 SLG\_15190  
 SLG\_10770  
 SLG\_10740  
 SLG\_38420

**Cluster**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

**Family**

**Domains**

Cluster	Family	Domains
Orphan	CheB	1 Response_reg,1 CheB_methylest
Orphan	CheB	1 Response_reg,1 CheB_methylest
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	Hybrid	1 GAF,1 HisKA,1 HATPase_c,3 Response_reg
Pentad+	CheY	1 Response_reg
Pentad+	CheY	1 Response_reg
Tetrad	PrrA	1 Response_reg,1 HTH_8
Pair	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
Pair	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
Pair	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
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	CheY	1 Response_reg
Orphan	unclassified	1 REC
Orphan	unclassified	1 REC
Orphan	unclassified	1 PAS,1 REC
Pair	unclassified	1 REC
Orphan	CheY	1 Response_reg
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	CheY	1 Response_reg
Orphan	Hybrid	1 GAF,1 HisKA,1 HATPase_c,3 Response_reg
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Tetrad	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	AmiR_NasR	1 Response_reg,1 ANTAR
Orphan	unclassified	1 Response_reg
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	LytTR	1 Response_reg,1 LytTR
Orphan	CheY	1 Response_reg
Orphan	Hybrid	1 GAF,1 HisKA,1 HATPase_c,3 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	Hybrid	2 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 CHASE3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	Hybrid	1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Pentad+	NarL	1 Response_reg,1 GerE
Pentad+	NarL	1 Response_reg,1 HTH_LUXR
Pair	NarL	1 Response_reg,1 GerE