



RB13118  
 RB11594  
 RB6315  
 RB11204  
 RB6087  
 RB7184  
 RB10074  
 RB5465  
 RB10308  
 RB5479  
 RB4487  
 RB11669  
 RB11036  
 RB2396  
 RB10323  
 RB12952  
 RB12108  
 RB2731  
 RB11186  
 RB7579  
 RB3614  
 RB4758  
 RB11191  
 RB161  
 RB1502  
 RB5943  
 RB4760\_1  
 RB4508  
 RB4422  
 RB6217  
 RB2174  
 RB2621  
 RB4136  
 RB3251  
 RB641\_2  
 RB12326  
 RB9431  
 RB11976  
 RB6686  
 RB10488  
 RB10330  
 RB11986  
 RB3373  
 RB159  
 RB8873  
 RB4511  
 RB13181  
 RB13112  
 RB7474  
 RB10924  
 RB13175  
 RB5780  
 RB11201  
 RB8820  
 RB7123  
 RB2550  
 RB7461  
 RB4760\_2  
 RB641\_1  
 RB1140  
 RB5471  
 RB5478  
 RB5472  
 RB5482  
 RB5477  
 RB3605  
 RB3784  
 RB1711  
 RB321  
 RB11090  
 RB5175  
 RB13071  
 RB2743  
 RB12881  
 RB1764

**Cluster**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

**Family**

**Domains**

Cluster	Family	Domains
Orphan	AmiR_NasR	1 Response_reg,1 ANTAR
Orphan	CheY	1 Response_reg
Orphan	NarL	1 Response_reg,1 GerE
Triad	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	MerR	1 MerR,1 Response_reg
Orphan	unclassified	1 REC
Orphan	PleD	1 Response_reg,1 GGDEF
Orphan	PleD	1 Response_reg,1 GGDEF
Tetrad	Hybrid	1 Response_reg,1 HisKA,1 HATPase_c
Orphan	NtrC	1 Response_reg,1 AAA,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	PrrA	1 Response_reg,1 HTH_8
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	NtrC	1 Response_reg,1 AAA,1 HTH_8
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	NtrC	1 Response_reg,1 AAA,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	Hybrid	1 Response_reg,1 PAS,1 HisKA,1 HATPase_c
Orphan	Hybrid	1 Response_reg,1 PAS,1 HisKA,1 HATPase_c
Orphan	RpfG	1 Response_reg,1 HD
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Pair	FrzZ	2 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	CheY	1 Response_reg
Orphan	PleD_VieA	1 Response_reg,1 PAS_3,1 GGDEF,1 EAL
Orphan	Hybrid	2 Response_reg,3 PAS_3,2 PAS_4,1 HisKA,1 HATPase_c
Orphan	Hybrid	1 GAF,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
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
Orphan	Unorthodox	2 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 PAS_4,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 PAS,1 HisKA,1 HATPase_c,1 Response_reg,2 Hpt
Orphan	Hybrid	1 CHASE3,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 CheB_methylest,1 MeTrc,3 PAS,1 PAC,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	2 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	2 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	3 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 CheB_methylest,1 MeTrc,2 PAS_4,2 PAS_3,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	2 PAS_3,1 PAS_4,1 PAS,1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	CheY	1 Response_reg
Triad	CheY	1 Response_reg
Orphan	CsrA	1 CsrA,1 Response_reg
Orphan	CheY	1 Response_reg
Pair	CheY	1 Response_reg
Orphan	unclassified	1 PAS_4,1 GAF,1 Response_reg
Pair	FrzZ	2 Response_reg
Orphan	Hybrid	2 Response_reg,3 PAS_3,2 PAS_4,1 HisKA,1 HATPase_c
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	CheY	1 Response_reg
Tetrad	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Tetrad	unclassified	1 Response_reg
Tetrad	unclassified	1 Response_reg
Pair	PleD_VieA	1 Response_reg,1 GGDEF,1 EAL
Pair	CheY	1 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	unclassified	1 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	CheY	1 Response_reg
Orphan	unclassified	1 Response_reg