



RSP\_1083  
RSP\_2281  
RSP\_1681  
RSP\_1269  
RSP\_1138  
RSP\_0413  
RSP\_2599  
RSP\_0171  
RSP\_0847  
RSP\_2621  
RSP\_0148  
RSP\_2443  
RSP\_1583  
RSP\_2437  
RSP\_0869  
RSP\_2593  
RSP\_0813  
RSP\_1306\_2  
RSP\_0512  
RSP\_2280  
RSP\_0511  
RSP\_0047  
RSP\_1588  
RSP\_0043  
RSP\_2882  
RSP\_2591  
RSP\_0087  
RSP\_1357\_2  
RSP\_1357\_1  
RSP\_0085  
RSP\_2407  
RSP\_1567  
RSP\_1262  
RSP\_1784  
RSP\_6064  
RSP\_2230  
RSP\_1629  
RSP\_1274  
RSP\_2880  
RSP\_0507  
RSP\_2433  
RSP\_1306\_1  
RSP\_0454  
RSP\_1210  
RSP\_0573  
RSP\_0149  
RSP\_0907  
RSP\_2838  
RSP\_2840  
RSP\_1518  
RSP\_1590  
RSP\_2130  
RSP\_1612

**Cluster**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

**Family**

**Domains**

Cluster	Family	Domains
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
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	PleD	1 Response_reg,1 GGDEF
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	CheY	1 Response_reg
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	OmpR	1 Response_reg,1 Trans_reg_C
Triad	Hybrid	1 Response_reg,1 HisKA_2,1 HATPase_c
Orphan	CheY	1 Response_reg
Pair	CheY	1 Response_reg
Pair	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	Hybrid	3 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Pair	Hybrid	2 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Pair	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Pair	NarL	1 Response_reg,1 HTH_LUXR
Orphan	CheB	1 Response_reg,1 CheB_methylest
Orphan	CheB	1 Response_reg,1 CheB_methylest
Orphan	CheY	1 Response_reg
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 PAS_4,1 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,1 Response_reg
Orphan	Hybrid	1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	unclassified	1 REC
Orphan	CheY	1 REC
Orphan	unclassified	1 REC
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	unclassified	1 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	CheY	1 Response_reg
Orphan	Hybrid	3 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	RsbU	1 Response_reg,1 SpoIIIE
Orphan	CheY	1 Response_reg
Triad	CheY	1 Response_reg
Pair	NarL	1 Response_reg,1 GerE
Tetrad	PrrA	1 Response_reg,1 HTH_8
Tetrad	NtrC	1 Response_reg,1 AAA,1 HTH_8
Orphan	PrrA	1 Response_reg,1 HTH_8
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