



Palpr\_1730  
 Palpr\_1574  
 Palpr\_2758  
 Palpr\_2168  
 Palpr\_2167  
 Palpr\_2170\_1  
 Palpr\_1966  
 Palpr\_2171  
 Palpr\_2170\_2  
 Palpr\_2163  
 Palpr\_1698  
 Palpr\_2639  
 Palpr\_2914  
 Palpr\_2173  
 Palpr\_0340  
 Palpr\_0081  
 Palpr\_2638  
 Palpr\_0166  
 Palpr\_2693  
 Palpr\_0454  
 Palpr\_2449  
 Palpr\_2735  
 Palpr\_2734  
 Palpr\_2668  
 Palpr\_1546  
 Palpr\_2429  
 Palpr\_1768  
 Palpr\_2122  
 Palpr\_1866  
 Palpr\_2552  
 Palpr\_1638  
 Palpr\_0070



Orphan  
 Pair  
 Triad  
 Tetrad  
 Pentad+

**Cluster** **Family** **Domains**

Cluster	Family	Domains
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
Triad	unclassified	1 Response_reg,4 PAS_4,2 PAS_3,3 PAS
Triad	CheY	1 Response_reg
Tetrad	Hybrid	1 HAMP,1 GAF,1 HisKA,1 HATPase_c,2 Response_reg
Pair	NarL	1 Response_reg,1 GerE
Tetrad	Hybrid	1 Response_reg,1 PAS_4,2 PAS,1 GAF,1 PAC,1 HisKA_3,1 HATPase_c
Tetrad	Hybrid	1 HAMP,1 GAF,1 HisKA,1 HATPase_c,2 Response_reg
Orphan	unclassified	1 Response_reg,1 AAA
Orphan	PglZ	1 Response_reg,1 PglZ
Pair	Unorthodox	1 PAS,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Pair	NarL	1 Response_reg,1 HTH_LUXR
Tetrad	NarL	1 Response_reg,1 HTH_LUXR
Orphan	unclassified	1 Response_reg
Orphan	OmpR	1 REC,1 Trans_reg_C
Pair	CheY	1 Response_reg
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	LytTR	1 Response_reg,1 LytTR
Orphan	LytTR	1 Response_reg,1 LytTR
Pair	LytTR	1 Response_reg,1 LytTR
Triad	CheY	1 Response_reg
Triad	LytTR	1 Response_reg,1 LytTR
Orphan	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
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC