



PCNPT3\_10510  
 PCNPT3\_00260  
 PCNPT3\_06840  
 PCNPT3\_01305  
 PCNPT3\_09255  
 PCNPT3\_03110  
 PCNPT3\_08940  
 PCNPT3\_03260  
 PCNPT3\_03255  
 PCNPT3\_06515  
 PCNPT3\_04950  
 PCNPT3\_03755  
 PCNPT3\_06370  
 PCNPT3\_04855  
 PCNPT3\_10495  
 PCNPT3\_07345  
 PCNPT3\_08820  
 PCNPT3\_02265  
 PCNPT3\_10275  
 PCNPT3\_01235  
 PCNPT3\_00500  
 PCNPT3\_11670  
 PCNPT3\_02980  
 PCNPT3\_00855  
 PCNPT3\_09815  
 PCNPT3\_11255  
 PCNPT3\_08235  
 PCNPT3\_03775  
 PCNPT3\_02320  
 PCNPT3\_10005

**Cluster**

- Orphan
- Pair
- Triad
- Tetrad
- Pentad+

**Family**

**Domains**

Cluster	Family	Domains
Orphan	CheY	1 Response_reg
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	CheY	1 Response_reg
Orphan	NtrC	1 Response_reg,1 AAA,1 HTH_8
Orphan	CheV	1 CheW,1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg
Orphan	unclassified	1 Response_reg,1 TPR_2
Orphan	unclassified	1 Response_reg,1 TPR_2
Pair	NarL	1 Response_reg,1 HTH_LUXR
Pair	NarL	1 Response_reg,1 GerE
Orphan	NarL	1 Response_reg,1 GerE
Pair	LytTR	1 Response_reg,1 LytTR
Pair	LytTR	1 Response_reg,1 LytTR
Pair	CheB	1 Response_reg,1 CheB_methylest
Orphan	unclassified	1 Response_reg
Orphan	Unorthodox	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 HAMP1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Pair	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	RpfG	1 REC,1 HD
Pair	RpfG	1 REC,1 HD
Orphan	unclassified	1 Response_reg
Orphan	OmpR	1 Trans_reg_C,1 Response_reg
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
Pair	OmpR	1 Response_reg,1 Trans_reg_C