



TVNIR\_3847  
 TVNIR\_0537  
 TVNIR\_1499  
 TVNIR\_2416  
 TVNIR\_0174  
 TVNIR\_1101  
 TVNIR\_0556  
 TVNIR\_0891  
 TVNIR\_0805  
 TVNIR\_2417  
 TVNIR\_0173  
 TVNIR\_2752  
 TVNIR\_2516  
 TVNIR\_3094  
 TVNIR\_0422  
 TVNIR\_3735  
 TVNIR\_3190  
 TVNIR\_1517  
 TVNIR\_1363  
 TVNIR\_2492  
 TVNIR\_0954  
 TVNIR\_2493  
 TVNIR\_2490  
 TVNIR\_1757  
 TVNIR\_0272  
 TVNIR\_0215  
 TVNIR\_2714

Cluster	Family	Domains
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Pair	LytTR	1 Response_reg,1 LytTR
Orphan	PleD_VieA	1 Response_reg,1 GGDEF,1 EAL
Pair	Unorthodox	1 PAS_3,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Pair	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
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	RpfG	1 Response_reg,1 HD
Pair	RpfG	1 Response_reg,1 HD
Pair	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
Pair	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,1 HTH_8
Pair	NarL	1 Response_reg,1 GerE
Pair	NarL	1 Response_reg,1 GerE
Tetrad	CheY	1 Response_reg
Pair	NtrC	1 Response_reg,1 AAA,1 HTH_8
Tetrad	PleD_VieA	1 Response_reg,1 GGDEF,1 EAL
Tetrad	NarL	1 Response_reg,1 HTH_LUXR
Pair	NarL	1 Response_reg,1 HTH_LUXR
Pair	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NarL	1 Response_reg,1 GerE
Pair	NarL	1 Response_reg,1 HTH_LUXR