



VV1_1246
 VV1_0503
 VV1_3203_1
 VV1_2333
 VV1_1829_1
 VV1_2685
 VV1_2577
 VV1_1953
 VV1_1829_2
 VV1_2563
 VV1_1999
 VV1_1933
 VV1_2241
 VV1_1956
 VV1_3091
 VV1_2664
 VV1_0892
 VV1_0026
 VV1_3128
 VV1_2663
 VV1_2622
 VV1_2264
 VV1_0550
 VV1_3202
 VV1_2179
 VV1_1254
 VV1_0858
 VV1_2009
 VV1_2140
 VV1_0548
 VV1_0468
 VV1_0037
 VV1_2847
 VV1_1573
 VV1_0126
 VV1_3127
 VV1_1674
 VV1_3201
 VV1_1242
 VV1_3203_2
 VV1_3054
 VV1_1097
 VV1_2817
 VV1_2276
 VV1_2990
 VV1_0228



Orphan
 Pair
 Triad
 Tetrad
 Pentad+

Cluster

Family

Domains

Cluster	Family	Domains
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Pair	LytTR	1 Response_reg,1 LytTR
Triad	VieA	2 Response_reg,1 EAL
Orphan	unclassified	1 Response_reg
Orphan	PleD	2 Response_reg,1 GGDEF
Pair	CitT	1 Response_reg,1 CitT
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	CheY	1 Response_reg
Orphan	PleD	2 Response_reg,1 GGDEF
Orphan	unclassified	1 Response_reg
Orphan	unclassified	1 Response_reg
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	NarL	1 Response_reg,1 HTH_LUXR
Pair	CheB	1 Response_reg,1 CheB_methylest
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
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	Hybrid	1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Pair	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Unorthodox	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Triad	Unorthodox	2 SBP_bac_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	1 Cache_1,1 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
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
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Orphan	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	PleD	1 Response_reg,1 GGDEF
Orphan	Hybrid	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg
Triad	unclassified	1 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Triad	VieA	2 Response_reg,1 EAL
Orphan	NarL	1 Response_reg,1 GerE
Orphan	unclassified	1 Response_reg
Pair	CheY	1 Response_reg
Pair	CheY	1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg