



SCD_n03014
 SCD_n02259
 SCD_n01469_1
 SCD_n02800
 SCD_n01861
 SCD_n00342
 SCD_n00337
 SCD_n01517
 SCD_n00933
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 SCD_n01149_1
 SCD_n01863
 SCD_n02321
 SCD_n01733
 SCD_n01466_2
 SCD_n01466_1
 SCD_n01468
 SCD_n01148
 SCD_n00719
 SCD_n00718
 SCD_n01221
 SCD_n01506
 SCD_n01413
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 SCD_n01298
 SCD_n02101
 SCD_n00014
 SCD_n02289
 SCD_n01225
 SCD_n00197
 SCD_n02747
 SCD_n01765_1
 SCD_n00778
 SCD_n01467
 SCD_n02925
 SCD_n00283
 SCD_n00220
 SCD_n01469_2
 SCD_n02926
 SCD_n02922
 SCD_n02075
 SCD_n01765_2
 SCD_n00221
 SCD_n02252
 SCD_n01579
 SCD_n02585
 SCD_n02055
 SCD_n00869
 SCD_n02306
 SCD_n00472
 SCD_n01435
 SCD_n00405
 SCD_n01835
 SCD_n02298
 SCD_n02294
 SCD_n02290
 SCD_n02286
 SCD_n02279
 SCD_n02295



Cluster **Family**

Cluster	Family	Domains
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	AmiR_NasR	1 Response_reg,1 ANTAR
Tetrad	PleD	1 Hpt,2 Response_reg,1 GGDEF
Orphan	LytTR	1 Response_reg,1 LytTR
Triad	Hybrid	1 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
Pair	NarL	1 Response_reg,1 GerE
Pair	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Pair	NarL	1 Response_reg,1 HTH_LUXR
Triad	PleD_VieA	2 Response_reg,1 PAS_3,1 GAF,1 PAS,1 GGDEF,1 EAL
Triad	PleD_VieA	2 Response_reg,1 PAS_3,1 GAF,1 PAS,1 GGDEF,1 EAL
Triad	PleD_VieA	1 Response_reg,2 PAS_4,1 GGDEF,1 EAL
Pair	unclassified	1 Response_reg
Orphan	CheY	1 Response_reg
Tetrad	Hybrid	4 PAS,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
Tetrad	Hybrid	4 PAS,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
Tetrad	CheY	1 Response_reg
Triad	CheY	1 Response_reg
Orphan	Hybrid	2 PAS,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	unclassified	1 Response_reg,1 PAC
Orphan	CheY	1 Response_reg
Orphan	RpfG	1 HDOD,1 Response_reg,1 GGDEF
Orphan	PleD_VieA	1 Response_reg,1 PAS_4,1 PAS,1 GGDEF,1 EAL
Triad	CheY	1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg
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	PrrA	1 Response_reg,1 HTH_8
Triad	NarL	1 Response_reg,1 HTH_LUXR
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
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 REC,1 Response_reg,1 Hpt
Triad	PleD_VieA	1 Response_reg,1 PAS,1 GGDEF,1 EAL
Tetrad	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Pair	OmpR	1 Response_reg,1 Trans_reg_C
Pair	PleD_VieA	1 Response_reg,1 PAS,1 GGDEF,1 EAL
Tetrad	PleD	1 Hpt,2 Response_reg,1 GGDEF
Orphan	CheY	1 Response_reg
Orphan	CheA	3 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW,1 Response_reg
Orphan	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Unorthodox	1 HisKA,1 HATPase_c,1 REC,1 Response_reg,1 Hpt
Pair	Unorthodox	1 HAMP,1 PAS,2 PAS_4,2 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
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	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	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
Triad	PiIB	1 Response_reg,1 GSPII_E
Triad	RpfG	1 Response_reg,1 HD
Triad	PleD_VieA	2 PAS,1 GGDEF,1 EAL,1 Response_reg
Orphan	unclassified	1 Response_reg
Pair	PleD_VieA	1 HAMP,1 PAS,1 GGDEF,1 EAL,1 Response_reg
Triad	unclassified	1 Response_reg