

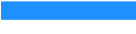




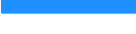

















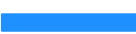









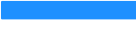



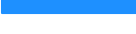
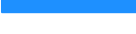





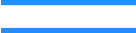

















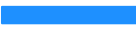

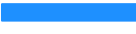


Cluster	Family	Domains
	Unorthodox	2 MHYT,1 PAS,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
	Unorthodox	1 Cache_1,1 HAMP,1 PAS,2 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
	Hybrid	1 Cache_1,1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
	Unorthodox	1 SBP_bac_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
	Unorthodox	1 CHASE,1 PAS_4,2 PAS,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
	PleD	1 Response_reg,1 GGDEF
	RpfG	1 Response_reg,1 HD
	RpfG	1 Response_reg,1 HD
	RpfG	1 Response_reg,1 HD
	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
	NarL	1 Response_reg,1 HTH_LUXR
	NarL	1 Response_reg,1 HTH_LUXR
	NarL	1 Response_reg,1 GerE
	LytTR	1 Response_reg,1 LytTR
	unclassified	1 Response_reg
	CheY	1 Response_reg
	CheB	1 Response_reg,1 CheB_methylest
	CheB	1 Response_reg,1 CheB_methylest
	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
	PleD	1 Hpt,2 Response_reg,1 GGDEF
	NarL	1 Response_reg,1 HTH_LUXR
	NarL	1 Response_reg,1 GerE
	CheY	1 Response_reg
	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
	RsbU	1 Response_reg,1 SpoIIIE
	Unorthodox	1 Cache_1,1 HAMP,1 PAS,2 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg
	Hybrid	1 Cache_1,1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
	CheY	1 Response_reg
	RpfG	1 Response_reg,1 HD
	PleD_VieA	1 Response_reg,1 GGDEF,1 EAL
	PleD	1 Hpt,2 Response_reg,1 GGDEF
	NarL	1 Response_reg,1 HTH_LUXR
	NarL	1 Response_reg,1 HTH_LUXR
	NarL	1 Response_reg,1 HTH_LUXR
	Unorthodox	1 HAMP,2 PAS,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
	PrrA	1 Response_reg,1 HTH_8
	unclassified	1 Response_reg
	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
	Hybrid	1 PAS,1 HisKA,1 HATPase_c,1 REC
	Hybrid	1 PAS,1 HisKA,1 HATPase_c,1 REC
	VieA	1 Response_reg,1 EAL
	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
	Unorthodox	1 CHASE,1 PAS_4,2 PAS,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
	PrrA	1 Response_reg,1 HTH_8
	OmpR	1 Trans_reg_C,1 Response_reg
	OmpR	1 Response_reg,1 Trans_reg_C
	CheV	1 CheW,1 Response_reg
	CheV	1 CheW,1 Response_reg
	CheV	1 CheW,1 Response_reg
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C
	OmpR	1 Response_reg,1 Trans_reg_C

-  Orphan
-  Pair
-  Triad
-  Tetrad
-  Pentad+