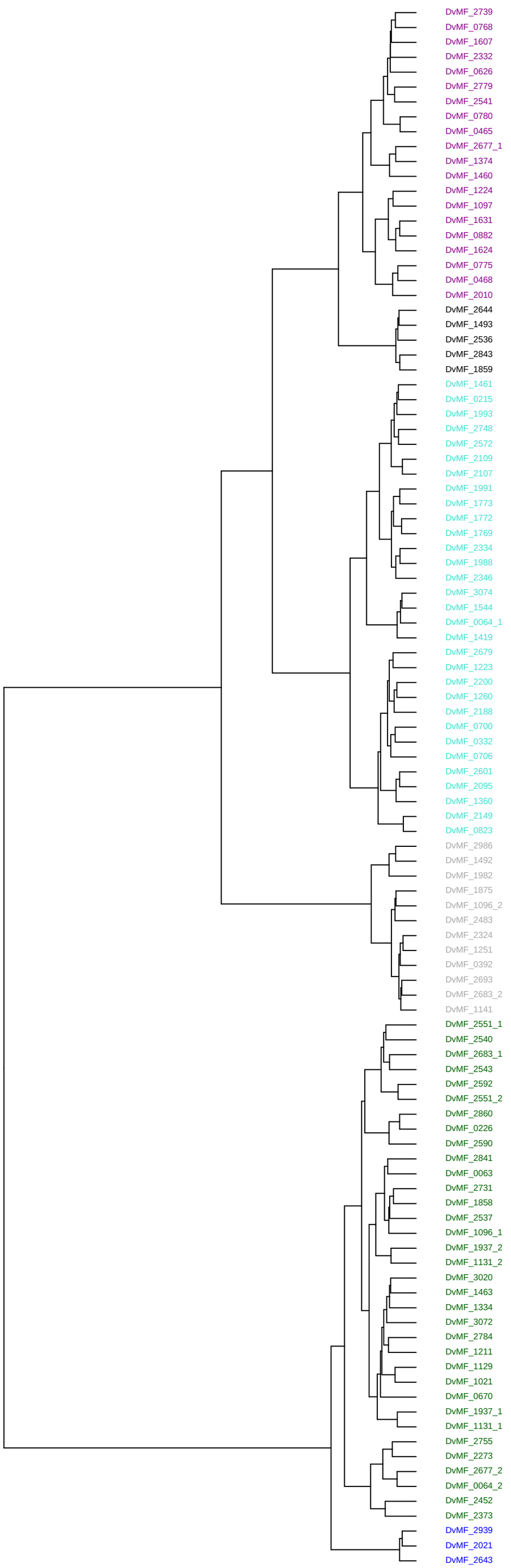

Cluster	Family	Domains
Orphan	unclassified	1 Response_reg
Orphan	PleD	1 Response_reg,1 GGDEF
Pair	NarL	1 Response_reg,1 HTH_LUXR
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Pair	NtrC	1 Response_reg,1 PAS_4,1 AAA,1 HTH_8
Triad	Hybrid	1 Response_reg,4 PAS,1 HisKA,1 HATPase_c
Orphan	CheB	1 Response_reg,1 CheB_methylest
Orphan	CheB	1 Response_reg,1 CheB_methylest
Orphan	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Pair	unclassified	1 Response_reg,2 PAS_4
Orphan	RpfG	1 Response_reg,1 PAS_4,1 HD
Tetrad	LytTR	1 Response_reg,1 LytTR
Pair	RpfG	1 Response_reg,1 HD
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
Pair	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	AlpA	1 Response_reg,1 AAA_5,1 Phage_AlpA
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	unclassified	1 Response_reg,1 AAA_5
Orphan	NtrC	1 Response_reg,1 AAA,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA,1 HTH_8
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Triad	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Triad	unclassified	1 Response_reg,1 AAA
Orphan	CheY	1 Response_reg
Pair	Hybrid	1 Response_reg,1 HisKA,1 HATPase_c
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	RpfG	1 Response_reg,1 HD
Pair	PleD_VieA	1 Response_reg,1 PAS_4,1 GGDEF,1 EAL
Pair	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Orphan	Hybrid	1 Response_reg,1 PAS_3,1 HisKA_2,1 HATPase_c
Pair	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Tetrad	unclassified	1 Response_reg,1 STAS
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA_2,1 HTH_8
Pair	CheY	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
Orphan	CheY	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	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Pair	NtrC	1 Response_reg,1 AAA,1 HTH_8
Orphan	Hybrid	1 PAS,1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
Pair	Unorthodox	1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	2 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_3,1 HisKA,2 HATPase_c,1 Response_reg
Pair	Unorthodox	1 HAMP,1 GAF,1 PAS_3,1 PAS,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
Orphan	Hybrid	1 HAMP,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_3,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 PAC,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	2 HisKA,2 HATPase_c,2 Response_reg,1 PAS_3,1 PAS
Orphan	Hybrid	3 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Pair	FrzZ	2 Response_reg
Triad	CheY	1 Response_reg
Orphan	Hybrid	2 HisKA,2 HATPase_c,2 Response_reg,1 PAS_3,1 PAS
Pair	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Pair	FrzZ	2 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	CheY	1 Response_reg
Orphan	Hybrid	1 PAS,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Pair	Hybrid	3 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Pair	Hybrid	1 PAS,1 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Pair	Unorthodox	1 HAMP,1 GAF,1 PAS_3,1 PAS,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
Orphan	FrzZ	2 Response_reg
Orphan	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Orphan	NtrC	1 Response_reg,1 AAA,1 HTH_8
Orphan	VieB	1 Response_reg,1 TPR_1
Orphan	unclassified	1 Response_reg
Orphan	unclassified	1 Response_reg,1 AAA_5
Orphan	LytTR	1 Response_reg,1 LytTR
Orphan	CheY	1 Response_reg
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NarL	1 Response_reg,1 HTH_LUXR
Orphan	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Orphan	FrzZ	2 Response_reg
Orphan	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Orphan	CheY	1 Response_reg
Orphan	Hybrid	1 HAMP,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Pair	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Orphan	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Orphan	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg
Orphan	CheV	1 CheW,1 Response_reg