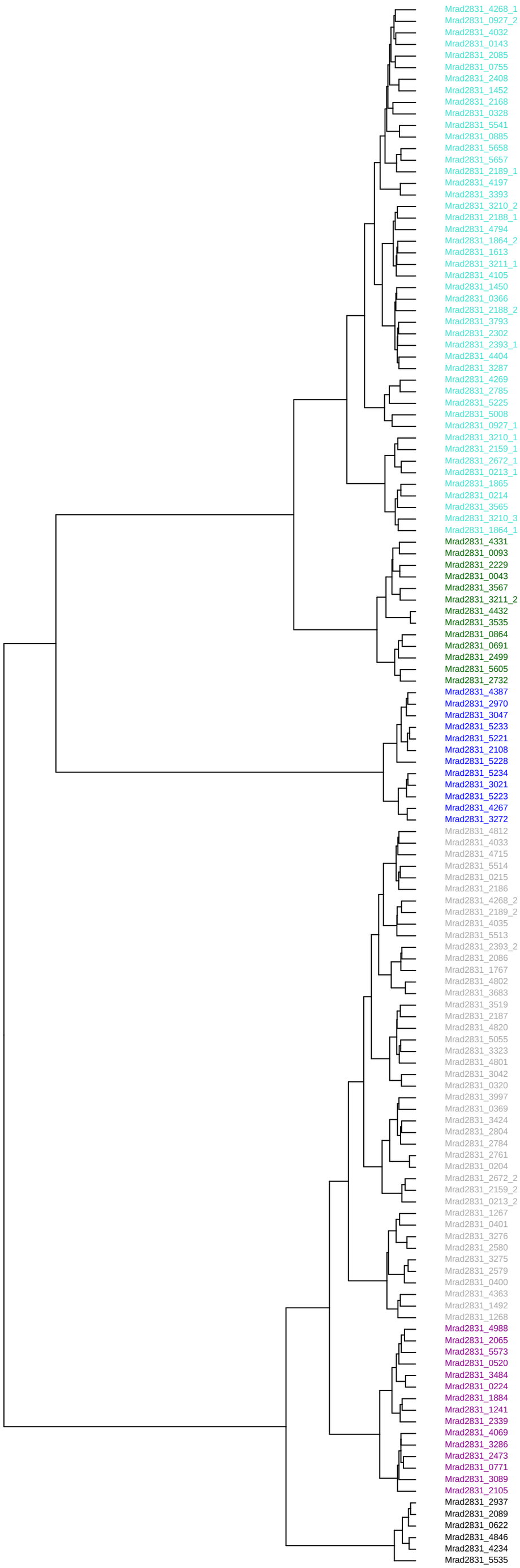

Cluster	Family	Domains
Mrad2831_4268_1	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Mrad2831_0927_2	FrzZ	2 Response_reg
Mrad2831_4032	CheB	1 Response_reg,1 CheB_methylest
Mrad2831_0143	CheY	1 Response_reg
Mrad2831_2085	RpfG	1 Response_reg,1 HD
Mrad2831_0755	PleD	1 Response_reg,1 GGDEF
Mrad2831_2408	NarL	1 Response_reg,1 HTH_LUXR
Mrad2831_1452	NarL	1 Response_reg,1 HTH_LUXR
Mrad2831_2168	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Mrad2831_0328	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_5541	CheY	1 Response_reg
Mrad2831_0885	CheY	1 Response_reg
Mrad2831_5658	CheY	1 Response_reg
Mrad2831_5657	CyC−C	1 Response_reg,1 Guanylate_cyc
Mrad2831_2189_1	Hybrid	2 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
Mrad2831_4197	NarL	1 Response_reg,1 GerE
Mrad2831_3393	NarL	1 Response_reg,1 HTH_LUXR
Mrad2831_3210_2	Hybrid	9 HAMP,1 HisKA,1 HATPase_c,3 Response_reg
Mrad2831_2188_1	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Mrad2831_4794	unclassified	1 Response_reg,1 Hpt
Mrad2831_1864_2	PleD	2 Response_reg,1 GGDEF
Mrad2831_1613	RpfG	1 Response_reg,1 HD
Mrad2831_3211_1	Hybrid	2 Response_reg,1 PAS_3,1 HisKA,1 HATPase_c
Mrad2831_4105	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_1450	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_0366	RpfG	1 Response_reg,1 HD
Mrad2831_2188_2	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Mrad2831_3793	unclassified	1 Response_reg
Mrad2831_2302	AmiR_NasR	1 Response_reg,1 ANTAR
Mrad2831_2393_1	Hybrid	1 PAS,1 HisKA,1 HATPase_c,2 Response_reg
Mrad2831_4404	unclassified	1 Response_reg
Mrad2831_3287	Hybrid	1 Response_reg,1 HisKA,1 HATPase_c
Mrad2831_4269	CheY	1 Response_reg
Mrad2831_2785	CheY	1 Response_reg
Mrad2831_5225	CheY	1 Response_reg
Mrad2831_5008	unclassified	1 Response_reg
Mrad2831_0927_1	FrzZ	2 Response_reg
Mrad2831_3210_1	Hybrid	9 HAMP,1 HisKA,1 HATPase_c,3 Response_reg
Mrad2831_2159_1	Hybrid	2 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
Mrad2831_2672_1	Hybrid	1 CHASE3,1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
Mrad2831_0213_1	Hybrid	1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
Mrad2831_1865	CheY	1 Response_reg
Mrad2831_0214	CheY	1 Response_reg
Mrad2831_3565	CheY	1 Response_reg
Mrad2831_3210_3	Hybrid	9 HAMP,1 HisKA,1 HATPase_c,3 Response_reg
Mrad2831_1864_1	PleD	2 Response_reg,1 GGDEF
Mrad2831_4331	CheY	1 Response_reg
Mrad2831_0093	CheY	1 Response_reg
Mrad2831_2229	Hybrid	2 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_0043	CheY	1 Response_reg
Mrad2831_3567	Hybrid	1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_3211_2	Hybrid	2 Response_reg,1 PAS_3,1 HisKA,1 HATPase_c
Mrad2831_4432	Hybrid	2 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_3535	Hybrid	1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_0864	CheY	1 Response_reg
Mrad2831_0691	CheY	1 Response_reg
Mrad2831_2499	CheY	1 Response_reg
Mrad2831_5605	unclassified	1 Response_reg
Mrad2831_2732	CheY	1 Response_reg
Mrad2831_4387	Hybrid	1 GAF,3 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_2970	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_3047	Hybrid	2 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_5233	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_5221	Hybrid	1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_2108	Hybrid	3 PAS_4,1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_5228	Hybrid	1 GAF,1 PAS,3 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_5234	Hybrid	2 PAS_4,1 GAF,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_3021	Hybrid	1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_5223	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_4267	Hybrid	2 PAS_4,3 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_3272	Hybrid	1 PAC,1 GAF,3 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_4812	CheY	1 Response_reg
Mrad2831_4033	CheY	1 Response_reg
Mrad2831_4715	NarL	1 Response_reg,1 HTH_LUXR
Mrad2831_5514	NarL	1 Response_reg,1 HTH_LUXR
Mrad2831_0215	CyC−C	1 Response_reg,1 CYCc
Mrad2831_2186	CheA	1 Hpt,1 HATPase_c,1 CheW,1 Response_reg
Mrad2831_4268_2	Hybrid	2 Response_reg,1 HisKA,1 HATPase_c
Mrad2831_2189_2	Hybrid	2 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
Mrad2831_4035	CheA	1 Hpt,1 H−kinase_dim,1 HATPase_c,2 CheW,1 Response_reg
Mrad2831_5513	Hybrid	1 HisKA,1 HATPase_c,1 Response_reg
Mrad2831_2393_2	Hybrid	1 PAS,1 HisKA,1 HATPase_c,2 Response_reg
Mrad2831_2086	Unorthodox	1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Mrad2831_1767	Unorthodox	3 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Mrad2831_4802	Unorthodox	2 PAS,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Mrad2831_3683	Unorthodox	1 GAF,3 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
Mrad2831_3519	Hybrid	1 HisKA,1 HATPase_c,1 REC
Mrad2831_2187	CheB	1 Response_reg,1 CheB_methylest
Mrad2831_4820	CheB	1 Response_reg,1 CheB_methylest
Mrad2831_5055	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Mrad2831_3323	AmiR_NasR	1 Response_reg,1 ANTAR
Mrad2831_4801	NarL	1 Response_reg,1 GerE
Mrad2831_3042	NarL	1 Response_reg,1 HTH_LUXR
Mrad2831_0320	NarL	1 Response_reg,1 HTH_LUXR
Mrad2831_3997	CheY	1 Response_reg
Mrad2831_0369	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Mrad2831_3424	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Mrad2831_2804	NtrC	1 Response_reg,1 AAA_5,1 HTH_8
Mrad2831_2784	Hybrid	1 Response_reg,1 HisKA_2,1 HATPase_c
Mrad2831_2761	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_0204	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_2672_2	Hybrid	1 CHASE3,1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
Mrad2831_2159_2	Hybrid	2 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
Mrad2831_0213_2	Hybrid	1 PAS_3,1 HisKA,1 HATPase_c,2 Response_reg
Mrad2831_1267	CheY	1 Response_reg
Mrad2831_0401	CheY	1 Response_reg
Mrad2831_3276	CheY	1 Response_reg
Mrad2831_2580	CheY	1 Response_reg
Mrad2831_3275	NarL	1 Response_reg,1 GerE
Mrad2831_2579	NarL	1 Response_reg,1 GerE
Mrad2831_0400	NarL	1 Response_reg,1 GerE
Mrad2831_4363	PrrA	1 Response_reg,1 HTH_8
Mrad2831_1492	PrrA	1 Response_reg,1 HTH_8
Mrad2831_1268	NarL	1 Response_reg,1 GerE
Mrad2831_4988	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_2065	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_5573	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_0520	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_3484	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_0224	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_1884	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_1241	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_2339	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_4069	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_3286	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_2473	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_0771	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_3089	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_2105	OmpR	1 Response_reg,1 Trans_reg_C
Mrad2831_2937	unclassified	1 REC
Mrad2831_2089	unclassified	1 REC
Mrad2831_0622	unclassified	1 REC
Mrad2831_4846	unclassified	1 REC
Mrad2831_4234	CheY	1 REC
Mrad2831_5535	CheY	1 Response_reg