



PSM_A2958
 PSM_A2258
 PSM_A2440
 PSM_A0178
 PSM_A0944_1
 PSM_A0139
 PSM_A2776
 PSM_A2550_1
 PSM_A0915
 PSM_A2463
 PSM_A0597
 PSM_A2917
 PSM_A2716
 PSM_A2193
 PSM_A1873
 PSM_A0525
 PSM_A2601
 PSM_A2602
 PSM_A0106
 PSM_A2050
 PSM_A0565
 PSM_A3018
 PSM_A0596
 PSM_A2407
 PSM_A0054
 PSM_A2331
 PSM_A1691
 PSM_A0119
 PSM_A1872
 PSM_A0603
 PSM_A0248
 PSM_A0657_2
 PSM_A0944_2
 PSM_A0078
 PSM_A1133
 PSM_A0532
 PSM_A3052
 PSM_A2363
 PSM_A1531
 PSM_A0986
 PSM_A0657_3
 PSM_A0653
 PSM_A1171
 PSM_A0657_1
 PSM_A1817
 PSM_A0696
 PSM_A1443
 PSM_A0996
 PSM_A2951
 PSM_A2235
 PSM_A2238
 PSM_A0230
 PSM_A1878
 PSM_A0420
 PSM_A1172
 PSM_A0656
 PSM_A1715
 PSM_A0136
 PSM_A2183
 PSM_A2433
 PSM_A1808
 PSM_A0524
 PSM_A2550_2
 PSM_A3053
 PSM_A2473
 PSM_A2132
 PSM_A1968
 PSM_A1940
 PSM_A2296
 PSM_A0148



Orphan
 Pair
 Triad
 Tetrad
 Pentad+

CheY
 NtrC
 NtrC
 NtrC
 Hybrid
 VieA
 PleD_VieA
 PleD
 NtrC
 OmpR
 OmpR
 OmpR
 OmpR
 OmpR
 RpfG
 unclassified
 PleD
 Unorthodox
 Hybrid
 Hybrid
 Hybrid
 Hybrid
 Unorthodox
 Unorthodox
 Hybrid
 Unorthodox
 Unorthodox
 Hybrid
 Hybrid
 Unorthodox
 Hybrid
 Hybrid
 Hybrid
 Hybrid
 NarL
 NarL
 NarL
 NarL
 CheY
 CheY
 CheY
 Hybrid
 NtrC
 PleD_VieA
 Hybrid
 unclassified
 CheY
 LytTR
 LytTR
 LytTR
 CheB
 CheB
 CheY
 CheY
 Hybrid
 CheY
 unclassified
 CheY
 CheY
 CheY
 CheY
 CheY
 CheY
 CheY
 CheY
 CheY
 OmpR
 OmpR
 OmpR
 OmpR
 NtrC
 Hybrid
 PleD
 Hybrid
 Hybrid
 Hybrid
 VieA
 RpfG
 RpfG
 unclassified
 CheV
 CheV

1 Response_reg
 1 Response_reg,1 AAA_5,1 HTH_8
 1 Response_reg,1 AAA,1 HTH_8
 1 Response_reg,1 AAA_5,1 HTH_8
 1 PAS_3,1 PAC,1 HisKA,1 HATPase_c,2 Response_reg
 1 Response_reg,1 EAL
 1 Response_reg,1 PAS,1 GGDEF,1 EAL
 1 REC,1 Response_reg,1 GGDEF
 1 Response_reg,1 AAA_5,1 HTH_8
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 HD
 1 Response_reg
 1 Response_reg,1 GGDEF
 2 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 MASE1,1 CHASE,1 HisKA,1 HATPase_c,1 Response_reg
 1 HisKA,1 HATPase_c,1 Response_reg
 1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
 1 HisKA,1 HATPase_c,1 Response_reg
 1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 MASE1,1 CHASE,1 HisKA,1 HATPase_c,1 Response_reg
 1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 2 TPR_1,1 HisKA,1 HATPase_c,1 Response_reg
 3 MHYT,1 PAS,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
 1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 HisKA,1 HATPase_c,1 Response_reg
 3 Response_reg,1 HisKA,1 HATPase_c
 1 PAS_3,1 PAC,1 HisKA,1 HATPase_c,2 Response_reg
 1 CHASE,1 PAS_3,1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
 1 Response_reg,1 GerE
 1 Response_reg,1 HTH_LUXR
 1 Response_reg,1 HTH_LUXR
 1 Response_reg,1 HTH_LUXR
 1 Response_reg
 1 Response_reg
 3 Response_reg,1 HisKA,1 HATPase_c
 1 Response_reg,1 AAA_5,1 HTH_8
 1 Response_reg,1 GGDEF,1 EAL
 3 Response_reg,1 HisKA,1 HATPase_c
 1 Response_reg
 1 Response_reg,1 LytTR
 1 Response_reg,1 LytTR
 1 Response_reg,1 CheB_methylest
 1 Response_reg,1 CheB_methylest
 1 Response_reg
 1 HisKA,1 HATPase_c,1 Response_reg,1 HTH_AraC
 1 Response_reg
 1 Response_reg
 1 Response_reg
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 Trans_reg_C
 1 Response_reg,1 AAA_5,1 HTH_8
 1 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
 1 REC,1 Response_reg,1 GGDEF
 1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
 1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
 1 Response_reg,1 EAL
 1 Response_reg,1 HD
 1 Response_reg
 1 CheW,1 Response_reg
 1 CheW,1 Response_reg