



RSPPHO_01558
 RSPPHO_00351
 RSPPHO_00514
 RSPPHO_00137
 RSPPHO_02131
 RSPPHO_01699
 RSPPHO_02089
 RSPPHO_01922
 RSPPHO_00110
 RSPPHO_02082
 RSPPHO_01142_1
 RSPPHO_01054
 RSPPHO_00996
 RSPPHO_02076
 RSPPHO_01546
 RSPPHO_02075
 RSPPHO_00986
 RSPPHO_00987_2
 RSPPHO_00334
 RSPPHO_00041
 RSPPHO_01379
 RSPPHO_01878
 RSPPHO_00698
 RSPPHO_02413
 RSPPHO_00983
 RSPPHO_00563
 RSPPHO_00112
 RSPPHO_00455
 RSPPHO_02822
 RSPPHO_00113
 RSPPHO_02776
 RSPPHO_00560
 RSPPHO_00462
 RSPPHO_00556
 RSPPHO_01650
 RSPPHO_00069
 RSPPHO_00735
 RSPPHO_02737
 RSPPHO_01951
 RSPPHO_00039
 RSPPHO_01803
 RSPPHO_02132
 RSPPHO_01802
 RSPPHO_01142_2
 RSPPHO_02637
 RSPPHO_00004
 RSPPHO_02875_2
 RSPPHO_02738
 RSPPHO_01735
 RSPPHO_01734
 RSPPHO_02538
 RSPPHO_00280
 RSPPHO_02875_1
 RSPPHO_01451
 RSPPHO_02269
 RSPPHO_00567
 RSPPHO_00094
 RSPPHO_02622
 RSPPHO_00843
 RSPPHO_01959
 RSPPHO_01218
 RSPPHO_02267
 RSPPHO_03106
 RSPPHO_00554
 RSPPHO_00342
 RSPPHO_00987_1
 RSPPHO_00642
 RSPPHO_02412
 RSPPHO_03166
 RSPPHO_00208
 RSPPHO_00114
 RSPPHO_01144



Orphan
 Pair
 Triad
 Tetrad
 Pentad+

OmpR
 OmpR
 OmpR
 OmpR
 OmpR
 OmpR
 OmpR
 OmpR
 OmpR
 OmpR
 unclassified
 unclassified
 unclassified
 CheY
 Hybrid
 PleD
 CheY
 PleD
 OmpR
 CheY
 Hybrid
 NtrC
 NtrC
 PleD
 CheB
 CheB
 CheB
 CheB
 RpfG
 CheY
 CheY
 CheY
 CheY
 CheY
 RpfG
 PleD
 RpfG
 PleD
 unclassified
 Unorthodox
 Hybrid
 Unorthodox
 Unorthodox
 unclassified
 Unorthodox
 CheY
 Unorthodox
 Unorthodox
 RpfG
 unclassified
 NarL
 NarL
 Unorthodox
 CheY
 NtrC
 unclassified
 Hybrid
 Xre
 Hybrid
 NtrC
 NtrC
 NarL
 CheY
 CheY
 OmpR
 PleD
 CheY
 CheY
 CheY
 CheY
 CheA
 unclassified

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 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 REC,1 Response_reg,1 Hpt
 1 REC
 1 REC
 1 Response_reg
 3 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
 1 Hpt,1 Response_reg,1 GGDEF
 1 Response_reg
 1 Hpt,2 Response_reg,1 GGDEF
 1 Response_reg,1 Trans_reg_C
 1 Response_reg
 2 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
 1 Response_reg,1 AAA_5,1 HTH_8
 1 Response_reg,1 AAA,1 HTH_8
 1 Response_reg,1 PAS,1 GGDEF
 1 Response_reg,1 CheB_methylest
 1 Response_reg,1 CheB_methylest
 1 Response_reg,1 CheB_methylest
 1 Response_reg,1 CheB_methylest
 1 Response_reg,1 HD
 1 Response_reg
 1 Response_reg
 1 Response_reg
 1 Response_reg
 1 Response_reg
 1 Response_reg,1 HD
 1 Response_reg,1 GGDEF
 1 Response_reg,1 HD
 1 Response_reg,1 GGDEF
 1 Response_reg,1 Hpt
 1 Cache_1,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 Cache_1,1 HisKA,1 HATPase_c,1 Response_reg
 1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 REC,1 Response_reg,1 Hpt
 1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 Response_reg
 2 PAS,1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
 1 CHASE,2 PAS,1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
 1 Response_reg,1 HDOD
 1 Response_reg
 1 Response_reg,1 HTH_LUXR
 1 Response_reg,1 HTH_LUXR
 2 PAS,1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
 1 Response_reg
 1 Response_reg,1 AAA_5,1 HTH_8
 1 Response_reg
 1 Response_reg,1 HisKA,1 HATPase_c
 1 HTH_3,1 Response_reg
 1 PAS_4,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
 1 Response_reg,1 AAA_5,1 HTH_8
 1 Response_reg,1 AAA,1 HTH_8
 1 Response_reg,1 GerE
 1 Response_reg
 1 Response_reg
 1 Response_reg,1 Trans_reg_C
 1 Hpt,2 Response_reg,1 GGDEF
 1 Response_reg
 1 Response_reg
 1 Response_reg
 1 Response_reg
 1 Hpt,1 H-kinase_dim,1 HATPase_c,2 CheW,1 Response_reg
 1 Response_reg