Cluster
Family
Domains
Orphan
Pair
Triad
Tetrad
Pentad+
TOL2_C06620 unclassified 1 Response_reg,1 AAA_5
TOL2_C04690 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C41180 unclassified 1 Response_reg,1 AAA_5
TOL2_C29180 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C41480 unclassified 1 Response_reg,1 AAA_5
TOL2_C02720 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C06910 unclassified 1 Response_reg
TOL2_C06810 unclassified 1 Response_reg
TOL2_C18260 unclassified 1 Response_reg
TOL2_C33470 CheY 1 Response_reg
TOL2_C11180 unclassified 1 Response_reg,1 PAS
TOL2_C10470 CheY 1 Response_reg
TOL2_C29420 unclassified 1 Response_reg,1 STAS
TOL2_C29370 unclassified 1 Response_reg
TOL2_C39670 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C21900 NtrC 1 Response_reg,1 AAA,1 HTH_8
TOL2_C15560 NtrC 1 Response_reg,1 AAA,1 HTH_8
TOL2_C28100 NtrC 1 Response_reg,1 AAA_2,1 HTH_8
TOL2_C13960 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C12020_1 Hybrid 2 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
TOL2_C10740 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C19260 unclassified 1 Response_reg
TOL2_C11140 unclassified 1 Response_reg
TOL2_C19420 Hybrid 1 Response_reg,1 HisKA,1 HATPase_c
TOL2_C19270 CheY 1 Response_reg
TOL2_C19430 CheY 1 Response_reg
TOL2_C19390 CheY 1 Response_reg
TOL2_C19290 CheY 1 Response_reg
TOL2_C36190 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C23690 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C15490 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C03880 unclassified 1 Response_reg,1 AAA_5
TOL2_C23910 CheY 1 Response_reg
TOL2_C19400 CheY 1 Response_reg
TOL2_C11880 NtrC 1 Response_reg,1 PAS_4,1 AAA_5,1 HTH_8
TOL2_C04190 CheY 1 Response_reg
TOL2_C35940 RpfG 1 Response_reg,1 HD
TOL2_C35900 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C10920 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C05200 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C32630 CheY 1 Response_reg
TOL2_C03050 Hybrid 1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C16530 PleD 1 Response_reg,1 GGDEF
TOL2_C03320 RpfG 1 Response_reg,1 HD
TOL2_C19060 CheY 1 Response_reg
TOL2_C17180 CheY 1 Response_reg
TOL2_C05250 RpfG 1 PAS_3,1 PAS,1 PAS_4,1 HD,1 Response_reg
TOL2_C40060 Hybrid 1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C12020_2 Hybrid 2 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
TOL2_C39990 CheY 1 Response_reg
TOL2_C40470 unclassified 1 Response_reg
TOL2_C14620_2 Hybrid 1 HAMP,1 GAF,1 HisKA,1 HATPase_c,3 Response_reg
TOL2_C29240_1 Hybrid 1 HAMP,1 GAF,1 HisKA,1 HATPase_c,2 Response_reg
TOL2_C17860 Hybrid 1 Response_reg,1 HisKA,1 HATPase_c
TOL2_C05820 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C08960 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C19320 unclassified 1 Response_reg,2 CBS
TOL2_C06040 unclassified 1 Response_reg,1 AAA_5
TOL2_C11100 CheY 1 Response_reg
TOL2_C31380 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C15060 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C29830 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C19450 NtrC 1 Response_reg,1 AAA_5,1 HTH_8
TOL2_C42220 Hybrid 1 Response_reg,1 PAS,1 HisKA,1 HATPase_c
TOL2_C25660 Hybrid 1 Response_reg,1 PAS_4,1 HisKA,1 HATPase_c
TOL2_C16940 NtrC 1 Response_reg,1 AAA,1 HTH_8
TOL2_C13180 NtrC 1 Response_reg,1 AAA,1 HTH_8
TOL2_C17900 TrxB 2 Pyr_redox,3 Fer4,1 Response_reg
TOL2_C38020_3 unclassified 3 Response_reg
TOL2_C14650_1 Hybrid 2 Response_reg,1 GAF,1 PAS,1 HisKA,1 HATPase_c
TOL2_C32410 CheY 1 Response_reg
TOL2_C29250_1 Hybrid 2 Response_reg,1 HisKA,1 HATPase_c
TOL2_C02780 PleD_VieA 1 Response_reg,1 PAS_3,1 GGDEF,1 EAL
TOL2_C01140 CheY 1 Response_reg
TOL2_C42230 CheY 1 Response_reg
TOL2_C25690 CheY 1 Response_reg
TOL2_C29030 OmpR 1 Response_reg,1 Trans_reg_C
TOL2_C21840 OmpR 1 Response_reg,1 Trans_reg_C
TOL2_C18980 CheB 1 Response_reg,1 CheB_methylest
TOL2_C18000 CheB 1 Response_reg,1 CheB_methylest
TOL2_C38710 NarL 1 Response_reg,1 HTH_LUXR
TOL2_C32510 OmpR 1 Response_reg,1 Trans_reg_C
TOL2_C10490 OmpR 1 Response_reg,1 Trans_reg_C
TOL2_C23770 OmpR 1 Response_reg,1 Trans_reg_C
TOL2_C04010 OmpR 1 Response_reg,1 Trans_reg_C
TOL2_C38020_2 unclassified 3 Response_reg
TOL2_C38010 RpfG 1 GGDEF,1 Response_reg,1 HD
TOL2_C10090 unclassified 1 Response_reg
TOL2_C03330_1 Hybrid 2 Response_reg,1 HisKA,1 HATPase_c
TOL2_C02710_1 Hybrid 2 Response_reg,1 PAS,1 HisKA,1 HATPase_c
TOL2_C18990 CheA 1 Hpt,1 H-kinase_dim,1 HATPase_c,1 CheW,1 Response_reg
TOL2_C18970_1 Hybrid 2 Response_reg,1 GAF,1 HisKA,1 HATPase_c
TOL2_C16690 unclassified 1 Response_reg
TOL2_C29240_2 Hybrid 1 HAMP,1 GAF,1 HisKA,1 HATPase_c,2 Response_reg
TOL2_C14620_3 Hybrid 1 HAMP,1 GAF,1 HisKA,1 HATPase_c,3 Response_reg
TOL2_C02700 Hybrid 1 Cache_1,1 HAMP,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C32580 PleD 1 Response_reg,1 GGDEF
TOL2_C08720 unclassified 1 Response_reg
TOL2_C08730 PleD 1 Response_reg,1 GGDEF
TOL2_C08740_2 Unorthodox 1 HAMP,1 PAS,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
TOL2_C06630 Unorthodox 1 Cache_1,1 HAMP,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
TOL2_C38020_1 unclassified 3 Response_reg
TOL2_C32590_2 Unorthodox 1 HAMP,1 PAS,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
TOL2_C16680 Unorthodox 1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt
TOL2_C02800 CheY 1 Response_reg
TOL2_C02770_2 Unorthodox 1 HAMP,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
TOL2_C40420 unclassified 1 Response_reg
TOL2_C18830 VieB 1 Response_reg,3 TPR_1,1 TPR_2
TOL2_C11390 PleD 1 Response_reg,1 GGDEF
TOL2_C10910 Hybrid 2 PAS_4,1 PAS_3,2 PAS,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C09010 MerR 1 MerR,1 Response_reg
TOL2_C09400 unclassified 1 Response_reg
TOL2_C36780 CheY 1 Response_reg
TOL2_C19110 CheY 1 Response_reg
TOL2_C23930 CheY 1 Response_reg
TOL2_C35930 CheY 1 Response_reg
TOL2_C17980 CheY 1 Response_reg
TOL2_C33430 unclassified 1 Response_reg
TOL2_C41170_1 Hybrid 2 Response_reg,1 GAF,1 PAS_4,1 HisKA,1 HATPase_c
TOL2_C14620_1 Hybrid 1 HAMP,1 GAF,1 HisKA,1 HATPase_c,3 Response_reg
TOL2_C40520 Hybrid 1 HisKA,1 HATPase_c,1 Response_reg,1 PAS
TOL2_C26440 Hybrid 1 Response_reg,1 His_kinase,1 HATPase_c
TOL2_C39080 NarL 1 Response_reg,1 HTH_LUXR
TOL2_C24010 NarL 1 Response_reg,1 HTH_LUXR
TOL2_C37020 NarL 1 Response_reg,1 HTH_LUXR
TOL2_C15150 NarL 1 Response_reg,1 HTH_LUXR
TOL2_C39380 Hybrid 1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C39090 Hybrid 1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C21680 CheY 1 Response_reg
TOL2_C24490 unclassified 1 Response_reg
TOL2_C28200 CheY 1 Response_reg
TOL2_C40380 Hybrid 1 Cache_1,1 HAMP,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C08980 Hybrid 1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C34000 Hybrid 1 PBPb,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C32590_1 Unorthodox 1 HAMP,1 PAS,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
TOL2_C08740_1 Unorthodox 1 HAMP,1 PAS,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
TOL2_C02770_1 Unorthodox 1 HAMP,1 HisKA,1 HATPase_c,2 Response_reg,1 Hpt
TOL2_C11380 CheY 1 Response_reg
TOL2_C26430 LytTR 1 Response_reg,1 LytTR
TOL2_C11120 CheY 1 Response_reg
TOL2_C31320 unclassified 1 Response_reg
TOL2_C31310 unclassified 1 Response_reg
TOL2_C21760 CheY 1 CheW,1 Response_reg
TOL2_C13360 RpfG 1 Response_reg,1 HD
TOL2_C39730 Hybrid 1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C05130 Hybrid 1 PAS_4,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C00040 Hybrid 1 Cache_1,1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C29260 Hybrid 1 PAS,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C29250_2 Hybrid 2 Response_reg,1 HisKA,1 HATPase_c
TOL2_C10950 Hybrid 1 Cache_2,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C04680 Hybrid 1 Cache_2,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C03330_2 Hybrid 2 Response_reg,1 HisKA,1 HATPase_c
TOL2_C14650_2 Hybrid 2 Response_reg,1 GAF,1 PAS,1 HisKA,1 HATPase_c
TOL2_C02710_2 Hybrid 2 Response_reg,1 PAS,1 HisKA,1 HATPase_c
TOL2_C32610 Hybrid 1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C23780 Hybrid 1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C32060 Hybrid 1 bZIP_1,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C29220 Hybrid 1 bZIP_1,1 GAF,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C41470 Hybrid 1 PAS,2 PAS_3,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C29190 Hybrid 1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C18970_2 Hybrid 2 Response_reg,1 GAF,1 HisKA,1 HATPase_c
TOL2_C14550 Hybrid 1 PAS,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C19180 Hybrid 1 Cache_2,1 Cache_1,1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C03310 Hybrid 1 PAS,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C39350 Hybrid 1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C41170_2 Hybrid 2 Response_reg,1 GAF,1 PAS_4,1 HisKA,1 HATPase_c
TOL2_C40890 Hybrid 1 HAMP,1 PAS_4,1 PAS_3,1 HisKA,1 HATPase_c,1 Response_reg
TOL2_C11520 Hybrid 1 HAMP,1 PAS_4,1 HisKA,1 HATPase_c,1 Response_reg