



| Cluster | Family | Domains |
|--------------|--------------|-------------------------------------------------|
| X809_16250 | Spo0A | 1 Response_reg,1 Spo0A_C |
| X809_01025 | YcbB | 1 Response_reg,1 YcbB |
| X809_20805 | unclassified | 1 Response_reg |
| X809_11535 | CheY | 1 Response_reg |
| X809_10260 | CheY | 1 Response_reg |
| X809_10305 | CheB | 1 Response_reg,1 CheB_methylest |
| X809_22420 | unclassified | 1 Response_reg,1 PP2C_SIG |
| X809_22405_1 | Hybrid | 2 Response_reg,1 HisKA,1 HATPase_c |
| X809_22415_3 | Hybrid | 1 HAMP,1 GAF,1 HisKA,1 HATPase_c,3 Response_reg |
| X809_22415_2 | Hybrid | 1 HAMP,1 GAF,1 HisKA,1 HATPase_c,3 Response_reg |
| X809_13740 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_05390 | YesN | 1 Response_reg,1 HTH_AraC |
| X809_04885 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_24970 | NarL | 1 Response_reg,1 HTH_LUXR |
| X809_04230 | NarL | 1 Response_reg,1 HTH_LUXR |
| X809_23225 | NarL | 1 Response_reg,1 HTH_LUXR |
| X809_19015 | NarL | 1 Response_reg,1 HTH_LUXR |
| X809_01640 | NarL | 1 Response_reg,1 HTH_LUXR |
| X809_21995 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_01700 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_13405 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_17035 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_13170 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_26490 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_13235 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_26310 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_22805 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_19465 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_12480 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_03105 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_02375 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_00925 | YesN | 1 Response_reg,1 HTH_AraC |
| X809_11140 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_05080 | YesN | 1 Response_reg,2 HTH_AraC |
| X809_03575 | YesN | 1 Response_reg,1 HTH_AraC |
| X809_14700 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_08015 | NarL | 1 Response_reg,1 HTH_LUXR |
| X809_21370 | unclassified | 1 Response_reg |
| X809_02885 | LytTR | 1 Response_reg,1 LytTR |
| X809_19895 | LytTR | 1 Response_reg,1 LytTR |
| X809_02020 | Sarp | 1 Response_reg,1 Trans_reg_C,1 BTAD |
| X809_22415_1 | Hybrid | 1 HAMP,1 GAF,1 HisKA,1 HATPase_c,3 Response_reg |
| X809_02015 | Hybrid | 1 HisKA,2 HATPase_c,1 Response_reg,1 His_kinase |
| X809_22405_2 | Hybrid | 2 Response_reg,1 HisKA,1 HATPase_c |
| X809_09820 | Unorthodox | 1 HisKA,1 HATPase_c,1 Response_reg,1 Hpt |
| X809_12250_2 | Hybrid | 1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg |
| X809_26780 | unclassified | 1 Response_reg,1 HTH_11 |
| X809_03865 | unclassified | 1 Response_reg,1 HTH_DeoR |
| X809_17960 | unclassified | 1 Response_reg |
| X809_20785 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_02030 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_26945 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_12500 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_12250_1 | Hybrid | 1 PAS_4,1 HisKA,1 HATPase_c,2 Response_reg |
| X809_01155 | LytTR | 1 Response_reg,1 LytTR |
| X809_16000 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_14610 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_08090 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_03010 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_08120 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_02725 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_01460 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_19595 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_12255 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_14315 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_06720 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_13760 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_22900 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_13115 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_11865 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_07965 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_27440 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_08665 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_08065 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_23435 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_23390 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_11675 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_14245 | OmpR | 1 Response_reg,1 Trans_reg_C |
| X809_11220 | OmpR | 1 Response_reg,1 Trans_reg_C |