Conserved hydrophobic N-terminal

Insertion 1

Cystobacterineae

Order Myxococcales

Nannocystineae

Sorangiineae

1OQW_A_Pseudomonas
MxDK1622_peg_5791
MxDZ2_peg_3110
MxDZF1_peg_7587
Mf_peg_7368
Mh_peg_1126
MfB_peg_6877
Ms_peg_6460
Cc_peg_6393
AG_peg_08287
CYB_peg_06427
CYVI_peg_08561
HM_peg_6105
Sa_peg_6576
Sa_peg_6577
MxDK1622_peg_5681
MxDZ2_peg_3475
MxDZ2_peg_4701
MxDZF1_peg_6032
MxDZF1_peg_7478
Mh_peg_1240
Mh_peg_1241
Mh_peg_5951
Cc_peg_2564
Cc_peg_3166
Cc_peg_3440
Cc_peg_5578
AG_peg_00837
AG_peg_05280
AG_peg_07649
AG_peg_09368
CYB_peg_00192
CYB_peg_00194
CYB_peg_01836
CYB_peg_02829
CYVI_peg_00698
CYVI_peg_01905
CYVI_peg_03372
CYVI_peg_06159
HM_peg_0328
HM_peg_0965
HM_peg_3316
HM_peg_3600
HM_peg_4426
HM_peg_7613
HM_peg_7627
Sa_peg_0003
Sa_peg_0004
Sa_peg_1164
Sa_peg_3503
Sa_peg_7070
Vui_peg_0698
Ad1_peg_0646
AdC_peg_0614
AsF_peg_0694
AsK_peg_0651
Ad1_peg_0705
Ad1_peg_3034
AdC_peg_0667
AdC_peg_2788
AsK_peg_0707
AsK_peg_2867
Ho_peg_4235
Ho_peg_4236
Pp_peg_2253
Pp_peg_8225
Pp_peg_8226
CAP_peg_5300
CAP_peg_5301
CAP_peg_5914
CAP_peg_7916
Ccmc_peg_3738
Ccmc_peg_5554
Ccmc_peg_5555
Ccmc_peg_5556
Soce56_peg_04764
Soce56_peg_04765
Soce56_peg_04766
So0157_peg_05796
So0157_peg_05797
So0157_peg_05798
LL_peg_07960
LL_peg_08823
LL_peg_08824
Samy_peg_4027
Samy_peg_4028
Samy_peg_4029
Mir_peg_3796
Mir_peg_3797
Consensus/80%

Insertion 2

C-terminal

Order Myxococcales

Cystobacterineae

Nannocystineae

Sorangiineae

1OQW_A_Pseudomonas
MxDK1622_peg_5791
MxDZ2_peg_3110
MxDZF1_peg_7587
Mf_peg_7368
Mh_peg_1126
MfB_peg_6877
Ms_peg_6460
Cc_peg_6393
AG_peg_08287
CYB_peg_06427
CYVI_peg_08561
HM_peg_6105
Sa_peg_6576
Sa_peg_6577
MxDK1622_peg_5681
MxDZ2_peg_3475
MxDZF1_peg_7478
Mh_peg_1240
Mh_peg_1241
MxDZ2_peg_4701
MxDZF1_peg_6032
Mh_peg_5951
Cc_peg_2564
Cc_peg_3166
Cc_peg_3440
Cc_peg_5578
AG_peg_00837
AG_peg_05280
AG_peg_07649
AG_peg_09368
CYB_peg_00192
CYB_peg_00194
CYB_peg_01836
CYB_peg_02829
CYVI_peg_00698
CYVI_peg_01905
CYVI_peg_03372
CYVI_peg_06159
HM_peg_0328
HM_peg_0965
HM_peg_3316
HM_peg_3600
HM_peg_4426
HM_peg_7613
HM_peg_7627
Sa_peg_0003
Sa_peg_0004
Sa_peg_1164
Sa_peg_3503
Sa_peg_7070
Vui_peg_0698
Ad1_peg_0646
AdC_peg_0614
AsF_peg_0694
AsK_peg_0651
Ad1_peg_0705
Ad1_peg_3034
AdC_peg_0667
AdC_peg_2788
AsK_peg_0707
AsK_peg_2867
Ho_peg_4235
Ho_peg_4236
Pp_peg_2253
Pp_peg_8225
Pp_peg_8226
CAP_peg_5300
CAP_peg_5301
CAP_peg_5914
CAP_peg_7916
Ccmc_peg_3738
Ccmc_peg_5555
Ccmc_peg_5554
Ccmc_peg_5556
Soce56_peg_04764
Soce56_peg_04765
Soce56_peg_04766
So0157_peg_05796
So0157_peg_05797
So0157_peg_05798
LL_peg_07960
LL_peg_08823
LL_peg_08824
Samy_peg_4027
Samy_peg_4028
Samy_peg_4029
Mir_peg_3796
Mir_peg_3797
Consensus/80%