AXO04030.1
CPB31222.1:3309523-3318260
Aquifrabdus parva
FAD_binding_4 FAD-oxidase_C
?
RHS RHS_repeat RHS
STox-22
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Beta-lactamase
EBX73404X2.1
AAHLRA01000004.1:1-1379
Salmonella enterica subsp. enterica serovar Livingstone
RHS STox-22
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GyrW_toxin
HAP74486.1
DMQ01000006.1:2784-5268
Acidimicrobiaceae bacterium
?
?
STox-22
?
Tox-CompMu
HBE78587.1
DWPH01000230.1:1-16555
Bacillota bacterium
Glucodextran_B Glucodextran_B Glucodextran_B Big_13 RHS RHS RHS_repeat RHS RHS_repeat RHS PG_binding_1 STox-22
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HCAE7596.1
GDWT01000059.1:935-3590
Candidatus Jacksonbacteria bacterium
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RHS
STox-22
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HFI2387.1
DUD01000432.1:210-2022
Sneathiellales bacterium
eIF-1a MAF
STox-22
KJ2E6201.1
JZNG01000154.1:1-9811
Streptomyces rubellomurinus subsp. indigoferus
RHS Lip
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RHS PF-HINT STox-22 ab-Hydrolase Abhydrolase_3
KKW10095.1
LCQM01000001.1:1418-14413
Candidatus Kaiserbacteria bacterium GW2012_GWB1_50_27
Hep
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HPV8 BetaPropeller RHS_repeat DUF6443 RHS RHS STox-22 Capsule_synth GFO_IDH_MocA
KQW60073.1
LMLV01000035.1:31579-38595
Paenibacillus sp. Leaf72
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RHS_repeat RHS RHS_Rib RIX6 STox-22
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Cu_amine_oxidN1 Trypsin
KQT3B4D.1
LMQN01000009.1:3606-9801
Chryseobacterium sp. Leaf405
DUF6443 Hep
?
RHS STox-22
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MBA3E69D0.1
JACRWJ01000157.1:2344-7283
Gemmatimonadaceae bacterium
Hep DUF657
RHS STox-22
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MBGD4B3G4.1
JACZGU01000015.1:185022-111040
Nostoc sp. FACHB-280
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TrkA_N Ion_trans_2 TrkA_N STox-22
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VWA_3 VIT
MBGD4B2B0.1
JACZTU01000011.1:153119-157420
Nostoc punctiforme FACHB-252
LysM_substrate DUF4140 DUF413
STox-22
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DUF162
MBGZ7H4X4.1
JACZPH01000006.1:92998-96891
Celeofasciculus sp. FACHB-1120
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Aminotran_1
STox-22
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MBGD4B0B0.1
JACZGU01000201.1:970-5158
Planctomycetota bacterium
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STox-22
2-oxoacid_dh E3_binding BLBD TGase TPR
MBGD6A4N5.1
JACPPV01000036.1:3679-10820
Planctomycetota bacterium
DUF150
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STox-22
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Big_2 PSCyt2 PSD1
MBGD7D7J3.1
JACPPV01000115.1:49549-55841
Planctomycetota bacterium
?peptidase_S8 Beta-Prop
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STox-22
GTP_EFTU GTP_EFTU_D2 EFG_III EFG_C LepA_C
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MBSN41WR5.1
JACPZ901000102.1:10900-13553
Planctomycetota bacterium
AAA_25
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STox-22
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PIN
MBGN6D6D0.1
JACPPM01000075.1:57224-62695
Acidobacteria bacterium
Hep
?
RHS RHS RHS_repeat RHS STox-22
MBGT07Z23.1
JACQEL01000207.1:1920-5021
Deltaproteobacteria bacterium
ParD_antitoxin RelE-ParD
STox-22
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G4A_transf_3
MBH4G1B3A.1
JACQVH01000170.1:383-9349
Planctomycetota bacterium
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DUF6311 RHS RHS_repeat RHS_repeat RHS_repeat RHS RHS STox-22 MutsD Thermonuclease
MBH4D42B7.1
JAEWAY01000009.1:20225-28757
Devosia nanyangense
eTM
DUF380
HPV8 BetaPropeller TcdB_toxin_middle RHS_repeat RHS_repeat RHS_repeat RHS RHS STox-22
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Peptidase_A24
MBH9B0TT0.1
JACRGG01000032.1:38572-52874
Verrucomicrobia bacterium
PLUG TonB_dep_Rec
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RHS RHS RHS STox-22
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FN3 GLYCO 3G
MBHX25Q9G1.1
JAD.MHG01000001.1:2534226-2539983
Pylaneiaceae bacterium
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Imm
RHS STox-22
Imm
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MBLO02B0G1.1
JADKGG01000005.1:238067-241907
Rhodanobacteraceae bacterium
?
RHS TaO
STox-22
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?
MBLO3D0H9.1
JADKJE01000006.1:3779-6542
Alphaproteobacteria bacterium
eDE_Top_I566_C
Imm
STox-22
eDE_Top_I_N DDE_Tnp_1
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MBLR2K04V5.1
JAEUPP01000002.1:62892-74860
Lysobacteraceae bacterium
?
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RHS RHS_repeat RHS_repeat RHS STox-22 NAD_kinase NAD_kinase_c GDH_ACT1 GDH_HM3 GDH_ACT2 GDH_HM2 GDH_ACT3 GDH_HM3 Bac_GDH_CD GDH_C
MBMX3Z5N64.1
VGLC01000027.1:11526-13714
Candidatus Poribacteria bacterium
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PFD_beta_C
STox-22
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?
MBMX3242E7.1
VGLC01000258.1:8216-12490
Candidatus Poribacteria bacterium
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STox-22
PQQ_3 ASH-Ig Dockerin_1 Cohesin FlgE_Ig
MBN12D74W6.1
JAFAQB01000024.1:1-3700
Myxococcaceae bacterium
RHS_repeat RHS STox-22
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adh_short_C2
MBN3K8Z6A7.1
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Terrimonas sp.
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RHS PT-TG
STox-22
MBNX0647R1.1
JAFKJS01000106.1:1-4948
Hydrenicrobiales bacterium
RHS STox-22
Transposase_20 DEDD_Tnp_IS110
MBR4F3ZDZ4.1
JAFZNO01000103.1:184-3980
Lachnospiraceae bacterium
Big_2 IG IG
STox-22
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MBS0Z1N9D0.1
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Protobacteria bacterium
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STox-22
fpv-ALPHPFase VHL
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Bacteroidetes bacterium
HPV8 Hep
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DUF6443 RHS RHS RHS STox-22
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Hep
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JAFDVJ01000026.1:85813-90148
Acidobacteria bacterium
DinB_2
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STox-22
DnaN-NTH FlaTc TPR rPM TPR
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JAGMEE01000029.1:1:3621
Methylomonas sp.
RHS_repeat RHS RHS RHS RHS STox-22
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MBV7Z7D7W1
JAGVMG01000034.1:1:1279
Winogradskyella luteola
RHS STox-22
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MBV8J2N2L3.1
JAFAKT01000407.1:23071-31049
Planctomycetaceae bacterium
Ub COG2_2
STox-22
TPR MTase MTase MmcI_TRD
MBV4N67A46.1
JAFAS501000118.1:397-4144
Solirubrobacterales bacterium
Tox-RelA
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STox-22
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MBX9GB52F7.1
JAIEEM01000143.1:1:921
Gemmatimonadaceae bacterium
tRNA-synt_1e DALR_2
STox-22
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MBY9EJ39D0.1
JAIDPM01000300.1:1:3097
Gemmatimonadaceae bacterium
RuvC
?
STox-22
tRNA-synt_1e DALR_2 TgoB
MCA1S8E1D2.1
JACVJN01000333.1:1:953
Acidobacteria bacterium
STox-22
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DtsR-HTH
MCCG22Y147.1
JAOLFH01000076.1:65095-68340
Bacteroidetes bacterium
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ASCH
STox-22
DUF4915
Dnp
MCCH7B9B6.1
JAOLKE01000136.1:696-6210
Planctomycetota bacterium
eLyD_3 GNDA-Ligase
RHS STox-22
rVer KjCJB_CO
MCC7D9Y1B6.1
JAOLPP01000257.1:78055-87254
Deltaproteobacteria bacterium
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Methyltransf_32 GRD-PPG
HPV8 IG RHS RHS RHS STox-22
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MGHF0D0J1.1
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Acetobacteraceae bacterium
Abhydrolase_3 CHROMO
STox-22
CzDB FGS
NHA16195.1
JANMD01000029.1:361567-365442
Thiorhalalivibrio sp. HN7TB
?
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STox-22
SAP-LIM-HEH RhuN ATP-synt_ab Thioredoxin
NQEC8Z5Q9.1
SRR2E0000003.1:1102-4152
Microcoleus antiicus IPMB8
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STox-22
RhuN Can1p
OGS5D4K7.1
MGWA01000371.1:342-2936
Euryarchaeota archaeon RBG_16_68_12
?
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STox-22
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OGZ4E07.1
MHNL01000006.1:171972-173336
Candidatus Hyanbacteria bacterium RIFCSPHIGHO2_01_FULL_48_27
HicA_toxin
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STox-22
PKQ2G645.1
PHEY01000004.1:157776-168920
Actinobacteria bacterium MGM-Actinobacteria-2
Beta-lactamase2
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HPV8 RHS_repeat RHS RHS STox-22
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TBH1
PYP8B0D0.1
DHHM01000002.1:113957-120757
Blastocatellia bacterium AA13
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STox-22
Cupredoxin BetaPropeller
PKX2D8B0.1
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Candidatus Poribacteria bacterium
Amidase
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STox-22
SGL-GFO_IDH_MocA GFO_IDH_MocA_C
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SMWL01000011.1:14401-18007
Acetobacteraceae bacterium
Abhydrolase_3 CHROMO
STox-22
CzDB FGS
PKK7R8ZR.1
QNEM01000793.1:934-4438
Candidatus Paraboggiatia sp. nov. 1
UPF0150 HicA_toxin
STox-22
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FGAR-AT_N
TXR2B16W.1
VRYD01000078.1:115-7227
Escherichia coli
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CBHydrolase
RHS STox-22
WP_002951201.1
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Stenotrophomonas pavanii
GATase NAD_synthase DNP_synt_C AAA_1
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RHS FN3 FN3 FN3
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Hydrogenophaga gracilis ATCC 20624
STox-22
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WP_015207070.1
NZ_BJXT57.1:281639-282535
Cylindrospermum stagnale PCC 7417
GD_N GD_N
STox-22
STY-kinase SWACOS TPR GAF PAS SHELIX PMS-STAND RPEG5
WP_154663095.1
NZ_CP029379.1:2249328-2255050
Escherichia marmotae
Bcin
PrsPAARTM PAAR_motif DUF6531 RHS_repeat RHS_repeat RHS RHS
STox-22
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NZ_CP009464.1:4050720-4054515
Dolichospermum heterosporum TAC447
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STox-22
Pro_CA_2
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6TAS Sulfate_transp
WP_003270.1
NZ_DRJR01000003.1:108695-114795
Lysobacter dokdonensis DS-58
Gln-synt_N Gln-synt_C GAE_C GAE_N_bis
CP
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Ammonium_transp
WP_002962575.1
NZ_FMS6688.1:2233787-2233721
Stenotrophomonas maltophilia
GH52
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RHS Peptidase_M15_3
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RHS STox-22
WP_002579525.1
NZ_LMG01000009.1:533799-543579
Lysobacter sp. Root604
SelJ Thymidine-kinase
RHS STox-22
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WP_002489566.1
NZ_LML01000023.1:96-6925
Acidovorax sp. Leaf78
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RHS STox-22
RHS_RHS_repeat_RHS_RHS
WP_107962057.1
NZ_LPEA01000017.1:64939-73029
Burkholderia ubonensis
eMB_LBD
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STox-22
PrsPAARTM PAAR_motif DUF6531 RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS RHS
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Bacillus sp. FJAT-27225
fpv-HNH
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STox-22
Resolvase Recombinase SMRT3 trbDx-CtP Resolvase Recombinase
WP_008363386.1
NZ_LVHU00000040.1:197826-204521
Paenibacillus glacialis
WAC
PT-TG
DUF6531 RHS RHS_repeat RHS_repeat RHS_repeat RHS RHS RHS RHS RHS
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RHS STox-22
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Hep
WP_070165837.1
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Actinoalloiphila rubida
ENDYC-OADEHYD 3HCDH_N 3HCDH
GPH
DUF6580 RHS RHS PT-HINT STox-22 Big_13 LamininG LamininG LamininG
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Peptidase_M1_N Peptidase_M1
WP_142179771.1
NZ_JAHBEI000007.1:40936-44409
Burkholderia ubonensis MSMB613
Tox-Colicin
Imm
TPS
STox-22
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WP_073269607.1
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Anaerosolanna jejuensis DSM 15920
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RHS STox-22
Hep
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WP_075343587.1
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Tenacibaculum ngeriiversens
Receiver LuxR-HTH
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STox-22
GTP_cyclohydrI tRNA-synt_His
WP_198207094.1
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Snodgrassella sp. WR23B014
Bcin
Phage_GPD Imm
PrsPAARTM PAAR_motif DUF6531 RHS_repeat RHS_repeat RHS RHS
STox-22
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RHS Tox-PaVRL
WP_087405321.1
NZ_FMQ11982.1:163176-169792
Cellvibrio sp. PSBB006
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RHS STox-22
RHS_RHS_repeat_RHS_RHS
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KetoacyL-synth
WP_179830566.1
NZ_SCMW01000002.1:193674-199795
Variovorax sp. YR752
YpgB_I566
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EGF_MGP_1
Bcin
eDe
RHS RHS_repeat RHS RHS RHS
STox-22
WP_002013385.1
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Paraglaciecola sp. MB-3u-78
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RHS STox-22
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Enterococcus norvegicus
DUF2589
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STox-22
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WP_108002557.1
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Caulobacter endophyticus
Hexapu RHS_repeat RHS RHS RHS_repeat RHS STox-22
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Hep
WP_225250373.1
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Marilutibacter maris
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Hep
RHS STox-22
Hep
WP_133223749.1
NZ_SDZE01000000.1:117565-132928
Muciniphilicoccus psychrotolerans
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ZnD
HPV8 BetaPropeller TcdB_toxin_middle DUF6443 RHS RHS STox-22
SprB/Por_Secre_tail
OmpA-beta-barrel
Beta-Prop CHU_C
WP_141024241.1
NZ_CP041242.1:542146-547465
Marilutibacter alkalisoli
rfp_halogenase
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STox-22
MACPEXPDR1b
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WP_152280376.1
NZ_VFPV01000003.1:196945-200181
Chryseobacterium viscerum
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STox-22
RHS Tox-DUF410
WP_132446603.1
NZ_VFPO01000114.1:128315-129954
Burkholderia ubonensis
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RHS STox-22
WP_107222301.1
NZ_NVVR01000004.1:18369-22369
Massilia rubra
eDh_2
Ab-Hydrolase
STox-22
Glucosaminidase
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WP_170285450.1
NZ_JAHLUU01000002.1:324733-334419
Longimicrobium terrae
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Imm RHS RHS RHS STox-22
ASH-Ig RHS RHS RHS RHS DUF6689 MPAB_Lrp_cab
WP_170285306.1
NZ_AP022871.1:537614-544573
Phytohabitans suffuscus
ABC_tran TOBE_2 AraC_binding_2 HTH_18
DCNT
STox-22
Methyltransf_11 4VYT
WP_223145033.1
NZ_JACVBR01000016.1:1:1712
Aestuariibacillum sediminum
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RHS STox-22
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NZ_BAABKH01000001.1:57972-61194
Oryzihabitrichobium flamjimense
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STox-22
TUDOR
?
DUF5486
WP_191107582.1
NZ_JACWPH01000003.1:168188-177455
Microlunatus parkerakonii
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DUF6641 RHS RHS STox-22
HPV8 Hep
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WP_198218035.1
NZ_JACTQM01000002.1:187922-195467
Snodgrassella sp. MB11B
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PrsPAARTM PAAR_motif DUF6531 RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS RHS STox-22
STox-22
RHS STox-22
WP_202262960.1
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Alteromonas sp. KC3
IlvN IlvC IlvD
Imm RHS RHS RHS_repeat RHS RHS STox-22
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CTD1b
WP_207806926.1
NZ_JAFREM01000018.1:185673-218221
Acanthopleuribacter pedis
DinB_2
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RHS RHS RHS_LamininG RHS STox-22
EPVW Concanavalin-like Bcin
P_proprotein P_proprotein
WP_208102506.1
NZ_JAFRHE01000002.1:71409-721228
Rhodomicrobium sp. PB
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?
eTj_Top
AsnB
?
RHS RHS RHS RHS STox-22
WP_208363000.1
NZ_JDRQMB01000007.1:11730-23969
Cohnella nanemeiis
?
?
DUF5311 RHS RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS RHS RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS_repeat RHS RHS RHS STox-22
Esterase
eMC_sored_C
WP_217460008.1
NZ_CABVQD01000008.1:1-730
Burkholderia paludis
RHS STox-22
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WP_220654010.1
NZ_BPCR01000004.1:167543-170883
Gaiellaceae sp. CSZ
?
?
STox-22
RNase-H NLPC
WP_230520780.1
NZ_DLSA01000001.1:184364-1850027
Novilifemonas lactosiphila
Gln-synt_N Gln-synt_C
RHS STox-22
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GDE_C GDE_N_bis Ammonium_transp