

EKE17901.1
AF031003537.1:1:24-701
uncultured bacterium

GAK56460.1
DF820464.1:880115-885405
Candidatus Vecturithrix granuli

GMA21215.1
BSUJ010000001.1:3118845-3120952
Arenicococcus piscis

HBZ58627.1
D00001000150.1:1-3205
Sutterella sp.

HIZ27972.1
DXAR01000065.1:33563-37357
Candidatus Janibacter merdipullorum

KAB7619377.1
SQDN021000204.1:1:14-2087
Verminephrobacter sp. Larva24

MBA2309081.1
JACDBJ010000239.1:2024-4765
Pseudonocardiales bacterium

MBA2300859.1
JACDAB010000265.1:1318-6732
Geodermatophilaceae bacterium

MBA2518292.1
JACCKX010000049.1:146-4820
Chloroflexia bacterium

MBA3033690.1
VMSX010000021.1:157645-161303
Rhodocyclaceae bacterium

MEA3026506.1
JACKST010000272.1:1:990-4590
Betaproteobacteria bacterium

MBA3627188.1
JACDDQ010000136.1:1-1-2066
Chloroflexi bacterium

MBB637760.1
JACMT0100000003.1:376908-386650
Pseudonocardia eucalypti

MBD0694571.1
MECK01000545.1:14083-10276
Streptomyces sp. *CMA123*

MBH2775521.1
JADTLP010000021.1:1-1-758
Serratia marcescens

MBI3027336.1
JACPXI0100000407.1:5735-9084
Nitrospinota bacterium

MBI5100870.1
JACRIX010000091.1:6404-10120
Rhodocyclales bacterium

MBJ2405067.1
JAEKPG010000206.1:1-1-187
Salmonella enterica subsp. *enterica* serovar *Rissen*

MBJ2470749.1
JAEKPV010000233.1:1-1-528
Salmonella enterica subsp. *enterica* serovar *Agona*

MBK6743516.1
JADJCP0100000003.1:368059-371124
Hydrogenophilales bacterium

MBK7471779.1
JADJKG010000034.1:26337-32374
Betaproteobacteria bacterium

MBL8309903.1
JAEUPL0100000008.1:129909-133097
Burkholderiales bacterium

MBL8446911.1
JAEUNX0100000082.1:105675-110570
Zoogloaceae bacterium

MBN3574304.1
JAFILU010000013.1:639-3261
Vibrio neptunius

MBO1419502.1
JAFNLG0100000765.1:1-1-2663
Streptomyces sp. *PH025*

MBP0219113.1
JAGPBVB010000088.1:2924-6910
Sterolibacterium sp.

MBS1163653.1
JAGSYV010000299.1:922-2508
Burkholderiaceae bacterium

MBU0770825.1
JAHYIC010000028.1:20896-31838
Gammaproteobacteria bacterium

MCA2070042.1
JADCLJ010000164.1:1-1-4627
Acidobacteriaceae bacterium

MCB0130219.1
JAGRCL0100000337.1:615-3698
Caldilineaceae bacterium

MCB1738754.1
JAGRXH010000006.1:160-1288
Gammaproteobacteria bacterium

MCB4209135.1
JACNAB010000011.1:350-3700
Arthrobacter sp. *UM1*

MCC6169897.1
JADLF0010000310.1:14684-18924
Caldilineaceae bacterium

MCC7221025.1
JADZBL010000450.1:3958-7212
Candidatus Contendobacter sp.

MCD6041279.1
JAJNB0100000096.1:5810-7194
Burkholderiales bacterium

MCE2698761.1
JAJTDN010000100.1:34141-38834
Anabaena sp. *49633_E8*

MCE2701937.1
JAJTWN010000226.1:1:152-4845
Anabaena sp. *49633_E8*

MCE3266989.1
JAJTCK010000058.1:2480-5283
Solirubrobaterales bacterium

MCI9898497.1
JAFFTF0100000004.1:217812-223767
Micrococcales bacterium *31B*

MCK5878521.1
JAGLNU010000107.1:528-4364
Candidatus Maritrix sp.

MCL8571976.1
JAMKNX010000057.1:1-1-1932
Proteus mirabilis

MCP4522061.1
JAEPU010000063.1:1-1-644
Candidatus Gracilibacteria bacterium

MSO40501.1
SHVA010000002.1:99212-102114
Solirubrobaterales bacterium

NBR28796.1
RFZA01000512.1:1-1-1069
Betaproteobacteria bacterium

NDD30943.1
RGZ201000510.1:1-45-3420
Proteobacteria bacterium

NUF78591.1
JAAEDT010000017.1:614-3723
Snodgrassella sp. *ESL0323*

NUR25071.1
JABFW010000198.1:1-1-2682
Catenulispora sp.

NUT53910.1
JABFVN010001499.1:5373-6967
Saccharothrix sp.

PIT65360.1
MEIV010000006.1:86-1338
Snodgrassella alvi

PVE07443.1
ALKW020000006.1:219025-223919
Limnohabitans sp. *Rim20*

PZR09089.1
QFQ091000022.1:21112-24461
Archangium gephyra

PZV27247.1
QBM501000016.1:23966-28114
Snowella sp.

QIK82177.1
CP049864.1:1:2141682-2146730
Lyobacter sp. *HDW10*

QIP30006.1
CP050116.1:1:1003275-1007412
Deinococcus radiodurans

SMB01788.1
PMMU010000009.1:1209153-1213666
Deinococcus hopiensis KR-140

TAG05412.1
RDZ0010000002.1:128086-131009
Betaproteobacteria bacterium

TDU02577.1
SOBN010000001.1:1008792-1013217
Streptomyces sp. *046_5*

TMF57568.1
VBEN0100001172.1:1947-6916
Chloroflexi bacterium

TMH52845.1
VBCS010000146.1:1-1-2322
Betaproteobacteria bacterium

WP_00757209.1
NZ_AJUD01000108.1:6849-10400
Patulibacter medicamentivorans

WP_014698554.1
NZ_B5WE01000012.1:11841-13800
Pectobacterium parmentieri

WP_07904729.1
NZ_LIQP01000321.1:7-2346
Streptomyces albus

WP_029210178.1
NZ_AJUF010000002.1:87501-91540
Arenicococcus bolidensis DSM 15745

WP_019631625.1
NZ_KB907212.1:1:50816-54496
Actinomadura atramentaria DSM 43919

WP_025300554.1
NZ_BAAAB0010000038.1:277-3147
Kutzneria viridogrisea

WP_214559715.1
NZ_CAJCFV0100000072.1:7967-10828
Planctothrix agardhii

WP_05134343.1
NZ_KE386839.1:1:116067-120383
Pseudonocardia spinosisporea DSM 44797

WP_065913810.1
NZ_CP016793.1:1:796298-798739
Lentzea guizhouensis

WP_237141307.1
NZ_CP019498.1:1:1821126-1824712
Serinicoccus hydrothermalis

WP_096787009.1
NZ_AJGI000100000001.1:6381888-6384872
Crossiella equi

WP_091520557.1
NZ_L7629772.1:976286-979636
Microlunatus soli

WP_092530525.1
NZ_FQW0010000004.1:144161-146722
Amzolotopsis arida

WP_096304009.1
NZ_L7907892.1:4214056-4217162
Jatrophihabitans sp. *GA5493*

WP_199239491.1
NZ_N5KH01000023.1:832414-836686
Streptomyces sp. *ICB0_8177*

WP_127078731.1
NZ_R5CL010000001.1:705531-709175
Dulcicalothrix desertica PCC 7102

WP_202873022.1
NZ_5JKD010000003.1:630739-633803
Kribbella capetownensis

WP_246012074.1
NZ_5NZ0201000012.1:47464-52686
Hydromonas durtensis

WP_147979170.1
NZ_R0B1010000040.1:252167-256649
Streptomyces sp. *ms191*

WP_149389538.1
NZ_5MRS010000001.1:130389-134226
Nitricola tapaniai

WP_242456232.1
NZ_NPKR010000008.1:99292-102161
Mycolicibacterium sp. *Pi-18*

WP_149863750.1
NZ_VUOB010000065.1:97832-100911
Solihabitans fulvus

WP_171242534.1
NZ_JABEP00100000001.1:1190734-1195563
Knoellia koreensis

WP_230611123.1
NZ_JAKOAS0100000006.1:515983-57687
Cupriavidus gilardii

WP_182582221.1
NZ_JABVCU0100000004.1:54504-60781
Thiospirillum jenense

WP_184836035.1
NZ_JACHWN0100000002.1:1804864-1808627
Allocatelliglobobospora scoriae

WP_188394205.1
NZ_BMCJ010000001.1:191948-196619
Oxalicibacterium flavum

WP_189344778.1
NZ_BMYT010000001.1:1026649-1031150
Undibacterium macrobrachii

WP_197010095.1
NZ_BAABES0100000006.1:286483-290418
Actinomadura rupiterrae

WP_212786464.1
NZ_AJ019536.1:505754-509451
Ferruginium kunadai

WP_218614998.1
NZ_JADQD0010000399.1:1422-4432
Pseudonocardia sp. *KR0291*

WP_221502329.1
NZ_JA1HB0010000385.1:1-1-557
Deinococcus sp. *RIT780*

WP_230050505.1
NZ_CP0921190.1:787528-792643
Deinococcus sp. *KNUC1210*

WP_253800056.1
NZ_JAMZEA0100000008.1:328797-332067
Actinomadura rupiterrae

WP_254233155.1
NZ_JANAV00100000001.1:404184-407162
Allotkutzneria sp. *A3M-2-11_16*

WP_255922239.1
NZ_JANFNG010000020.1:62803-66611
Streptomyces humicola

Ribonuclease>tRNA-synt_2

LTX00 ACR_tran Ribonuclease>Imm-Barstar>SICOLD

? Barstar Ribonuclease>FmrR HMA

Methyltrans_RNA Imm-Barstar Ribonuclease>Lysozyme Thif

CNMM CBS Aldehyd Ribonuclease>Imm-Barstar>4HB

Ribonuclease>Imm-Barstar>RrnaAD

ADH_zinc_N ADH_N ? Ribonuclease>Imm-Barstar>ECH_1

ENOYCOADEHYD Imm-Barstar Ribonuclease>ADH_zinc_N ADH_N tRNA-synt_1 Anticodon_1

Barstar Ribonuclease>Mob_synth_C Radical_SAM SBP_bac_5

NUDIX Imm-Barstar Ribonuclease>N-OB tRNA-synt_2 DUF502

NUDIX Imm-Barstar Ribonuclease>N-OB tRNA-synt_2 DUF502

Ribonuclease>Imm-Barstar>DnaJ DnaJ_CXXCXXG DnaJ_C

? Pentapeptide_2 Pentapeptide_2 Pentapeptide_2 Pentapeptide_2 Pentapeptide_2 Pentapeptide_2 Pentapeptide_2 Ribonuclease>MFS_1 A/rSR-HTH

LexA-HTH CHMI Ribonuclease>EryCIII-like_C Glyco_transf_28 PI-PLC-C1

RHS Ribonuclease>Imm-Barstar>

OmpA ChII YifB-AAA Ribonuclease>Imm-Barstar>Mg_chelatase_C

NUDIX Imm-Barstar Ribonuclease>N-OB tRNA-synt_2 DUF502

Ribonuclease>

Ribonuclease>Imm-Barstar>

Thr_synth_N PALP ? Ribonuclease>Imm-Barstar>Tox-Metpeptidase

N-OB tRNA-synt_2 DUF480 Ribonuclease>Imm-Barstar>S1 KH_1 RnasePH RnasePH

NUDIX Imm-Barstar Ribonuclease>CoA_binding_2 Crystall Crystall Crystall Crystall

N-OB tRNA-synt_2 Receiver TPR Ribonuclease>Barstar NUDIX

Imm-Barstar PT-TG Ribonuclease>SUKH_0 PT-TG Colicin-DNase

Ribonuclease>REase ARG NAAR1

DUF502 N-OB tRNA-synt_2 Ribonuclease>Imm-Barstar>NUDIX

Methyltrans_RNA PUA_4 Imm-Barstar Ribonuclease>

NUDIX Imm-Barstar Ribonuclease>N-OB tRNA-synt_2 DUF502

Mg_chelatase Barstar RHS Ribonuclease>Transposase_20 DEDD_Tnp_IS110 ?

UPF0014 ABC_tran Ribonuclease Ribonuclease Ribonuclease>

? Ribonuclease>Imm-Barstar>?

Imm-Barstar Ribonuclease>SpoU_sub_bind SPOUT tRNA-synt_1e DALR_2

Abhydrolase_1 Barstar Ribonuclease>Sulfatase Acetylase

Glutaredoxin ? Ribonuclease>His-Kinase HisKA HAMP

NUDIX Imm-Barstar Ribonuclease>tRNA-synt_2

? SAM-methylase Ribonuclease>Imm-Barstar>SBP_bac_3 BPD_transp_1

SBP_bac_3 BPD_transp_1 Imm-Barstar Ribonuclease>SAM-methylase ?

His_biosynth ? Ribonuclease>Imm-Barstar>His_biosynth

? Calcineurin Ribonuclease>Imm-Barstar>RHH_1

Tox-ART-HY1 TPR Ribonuclease>Barstar ABC2_membrane

Ribonuclease>Imm-Barstar>?

Ribonuclease>Imm-Barstar>

GATase His_biosynth Ribonuclease>Imm-Barstar>His_biosynth

Ribonuclease>Imm-Barstar>NUDIX

Tox-ALFNPase Ribonuclease>Glyco_hydro_16

? Imm-Barstar Ribonuclease>Imm1 Imm1

TMP-TEN1 Ribonuclease>Imm-Barstar>His-Kinase HisKA HAMP

Cons_hypoth95 CTP_transf_like Ribonuclease>

Imm-Barstar RHS Ribonuclease>

cinA Imm-Barstar Ribonuclease>Malate_DH malic_Malic_M PTA_PTB MOSC

Cob_adeno_trans Imm-Barstar Peptidase_M48 Ribonuclease>? Peptidase_C92

TrkH TrkA_N TrkAC Ribonuclease>Imm-Barstar>LysR_substrate

Acetyltransf_CG Carboxypeptidase Imm-Barstar RNA-Helicase DbpA Ribonuclease>

Gln-synt_N Gln-synt_C Barstar BacA APH_6_hur Ribonuclease>

BacA HODM_asu-like Ribonuclease>Barstar Tsad

Crystall Crystall Crystall Crystall CoA_binding_2 Ribonuclease>Imm-Barstar>?

Aminotran_1_2 Arginase Ribonuclease>? Usp

? Barstar ? Ribonuclease>

GAD tRNA-synt_2 Ribonuclease>Imm-Barstar>NUDIX

ADH_N ADH_zinc_N ? Ribonuclease>Imm-Barstar>Clp5

? Ribonuclease>Imm-Barstar>Imm-Barstar>SymE_toxin

Aldolase PfkB Ribonuclease>

Tox-ReLA ? Barstar Ribonuclease>Methyltransf_25

MerR-HTH Ribonuclease>Imm-Barstar>OUF4190 Peptidase_S11

ATP-synt_B Ribonuclease Ribonuclease>CTP_transf_like Cons_hypoth95

? ? ? Imm-Barstar>Ribonuclease>

ADH_zinc_N ADH_N ? AA_permease_2 QCD_Mu_crystall Ribonuclease>

Imm-Barstar Ribonuclease>? ADH_zinc_N ADH_N ?

Lyase_1 ASL_C Barstar Acetylase MOSC Ribonuclease>

YceD ATP-synt_B Ribonuclease>Acetylase CTP_transf_like

ANK Barstar Ribonuclease>FWM_reg TMP-TEN1

ADH_zinc_N ADH_N ? Ribonuclease>Glyoxalase Imm-Barstar>

? Imm-Barstar Ribonuclease>ADH_zinc_N ADH_N YBAK

LysR_substrate HTH_1 Automerase Pyr_redox_dim Pyr_redox_2 ? Ribonuclease>

Heme_oxygenase RADICAL-SAM HemM_C Ribonuclease>Imm-Barstar>BrnA_antitoxin

OUF4180 Imm-Barstar TMP-TEN1 DAO Ribonuclease>

Atal Malate_DH malic_Malic_M PTA_PTB Imm-Barstar DAO Ribonuclease>

Barstar Sugar-bind Ribul