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|---|---|
| AS50131.1<br>CP013992.1:2719729-2724385<br><i>Flavobacterium coveae</i>                     | STox-41 rve_3 HTH_29 STox-41 YARHG ?  |
| BD471903.1:1:1895221-1899482<br><i>Acinetobacter wuhanensis</i>                             | ? DDE_Tnp_1> STox-41 ? DsrC   |
| AP018049.1:1316452-1323682<br><i>Prevotella melaninogenica</i>                              | M6_Mtase HsdM_N TssD STox-41 GH-Mscs Peptidase_513  |
| EF020483.1<br>AAT1W010000954.1:1-3811<br><i>Escherichia coli</i>                            | Phage_GpD ? STox-41   |
| EKY10870.1<br>KES91363.1:1:279-7678<br><i>Corynebacterium</i> sp. oral taxon 326 str. F0382 | ? NLPc ? ? STox-41  |
| GDx55780.1<br>BJ5501000888.1:1451-3180<br><i>Methylobacteriaceae bacterium</i>              | ? ? STox-41   |
| GGX1730.1<br>BMW501000886.1:148412-46799<br><i>Aquimarina muelleri</i>                      | CarboxypepD_reg_2 TssD STox-41 ? ?  |
| GGX17504.1<br>BMW501000811.1:287-2844<br><i>Aquimarina muelleri</i>                         | STox-41 ? YARHG   |
| GJM5050.1<br>BQKA01000922.1:14912-17907<br><i>Cappocytophaga catalasegens</i>               | Tge2 ? STox-41 ?  |
| HA195237.1<br>DUF500598.1:9909-19717<br><i>Cytophagales bacterium</i>                       | ? DUF6603 STox-41 ? PUG CarboxypepD_reg_2   |
| MEB00803170.1<br>JACS17010000953.1:8011-11445<br><i>Neotwinella lacunae</i>                 | Acetylase ? STox-41 LamB DUF6603  |
| MEC7388138.1<br>JACMH010000881.1:9740-14159<br><i>Cytophagales bacterium</i>                | ? WHIM2 STox-41 TIMbarrel   |
| MEC7388138.1<br>JACMH010000881.1:9740-14159<br><i>Cytophagales bacterium</i>                | ? Rhs Rhs STox-41   |
| MEC7388138.1<br>JACMH010000881.1:9740-14159<br><i>Cytophagales bacterium</i>                | ? SPV8 Rhs DUF6443 Rhs Rhs STox-41 ? ?  |
| MSDR_N_2 Y1_Tnp<br>JACMH010000881.1:9740-14159<br><i>Cytophagales bacterium</i>             | MSDR_N_2 Y1_Tnp STox-41 ? ?   |
| MEH008275.1<br>JAEINX010000853.1:22099-25271<br><i>Bacteroidales bacterium</i>              | ? ? Rhs STox-41 ?   |
| MEH008275.1<br>JAEINX010000853.1:22099-25271<br><i>Bacteroidales bacterium</i>              | ? BetaPropeller WD40 FHA FHA LysM LysM STox-41  |
| MEH008275.1<br>JAEINX010000853.1:22099-25271<br><i>Bacteroidales bacterium</i>              | Glyco_hydro_57 DUF4912 STox-41  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Rhs STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DUF6443 Rhs Rhs ? Rhs Rhs STox-41 ? ?   |
| MEB0344431.1<br>JAFPU010000108.1:128464-13129<br><i>Paolibacteriaceae bacterium</i>         | Rhs STox-41 ?   |
| MEB0344431.1<br>JAFPU010000108.1:128464-13129<br><i>Paolibacteriaceae bacterium</i>         | Rhs ? STox-41 ? ZUS SPV8 BetaPropeller TcdB_toxin_midN Rhs Rhs Rhs Tox-Caspase                              |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? STox-41 Sacchrp_dh_NADP_Sacchrp_dh_C HSR1 GTP-bdg_M GTP-bdg_N   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Rhs Rhs STox-41 Rhs DUF4329   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Imm1 ? Rhs STox-41  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | HTH ? Rhs STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? Theronuonlease STox-41 ? DUF1493  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ERC3_RAD25_C A18 STox-41 LysM   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41 PAN_4 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41 DUF6603 SMS-Ka1c  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | SMS-Ka1c DUF6603 STox-41 Por_Secre_tail IG GSDH ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | AdeT1_Z OclM STox-41 LysM A18 DUF798  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Rhs ? Rhs STox-41 ? Rhs Peptidase_M15_4   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41 ? STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? Beta-Prop STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? DUF4289 STox-56 STox-41 ? DUF234b   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | His-Kinase Hpr-Kinase-N Reclven Peptidase_M74 STAS CoR  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? PilZ Peptidase_M74 TetR-HTH NtrC-AAA Fis-HTH  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | FN3 FN3 DUF6402 ? FN3 FN3 STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Rhs Tox-HopH1 ? Rhs STox-41 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Deaminase PG_binding_1 YkuB STox-41 LysM GTP_EFTU GTP_EFTU_D2 EFG_III EFG_IV EFG_C DnaB                     |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | pJv1-spD3 STox-41 DUF6603 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Gp_dh_C Gp_dh_N M6S STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41 ? ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? STox-41 DUF4289 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? DUF4289 Ntox42-ColicinM_4   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-51 ? ? BPD_transp_1 BPD_transp_1 STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? DUF4289 STox-41 ? Tox-ABHYDROLASE   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | PGAP1 ? STox-41 ? ODE_Tnp_1_5   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? STox-41 Phage_GpD VgrG1 T6SS_Vgr DUF234b Apo-C11  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? LysM STox-41 TssD ODE_Tnp_IS1595 Zn_Tnp_IS1595  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? Tox-MPTase2 Rhs STox-41 Rhs Rhs Rhs Rhs   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? Cas9_a HNH_4 RuvC_III ? STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | CHAP SH3 STox-41 Tox-PL3 ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Rhs Ntox42-ColicinM_1 ? ? Rhs STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Peptidase_M1 ABC2_membrane_4 ABC2_membrane_2 ? STox-41 TssD   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? PTSEIIA1 STox-41 ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DUF3467 ? STox-41 RNA_pol_Rpb1_1 DDRP-betaprine RNA_pol_Rpb1_3 RNA_pol_Rpb1_4 RNA_pol_Rpb1_5 SBHM-DDRP TssD |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? ? LysM LysM STox-41 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41 ? TssD TssR TssR_M TssR_WNA STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? ? CarboxypepD-reg-IG STox-41 Phage_GpD VgrG1 T6SS_Vgr DUF234b   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? AdoHcyase ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? Rhs STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | LYRIC STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? PTSEIIA1 ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Phage_int_SAM_1 Phage-integrase ? ? DsbC_N Thioredoxin_1 STox-41  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? LysM STox-41 Phage_GpD Phage_base_V DUF234b ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DUF4289 ? ? ? STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? IG-TPM1 STox-41 DUF4289 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? LysM DUF4289 STox-41 ? Trypsin Trypsin  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-56 STox-41 DUF4289 ? DUF3828   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? DUF4289 TssR TssR_M TssR_WNA TssR_C STox-56 STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | BetaPropeller STox-56 STox-41 DUF4289 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? PG_binding_1 ? STox-41  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 DUF4289 Sulfatase Ntox4   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | TPR ? STox-41 DUF4289 LysM Yych   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? STox-41 ? Peptidase_M23   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 DUF6263 ? TssD  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DnaB GTP_EFTU GTP_EFTU_D2 EFG_III EFG_IV EFG_C STox-41 LysM LysM ? Deaminase                                |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Phage-integrase Phage_GpD VgrG1 T6SS_Vgr DUF234b STox-41 ? ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? ? ? STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? PPC DUF6443 Rhs Rhs STox-41 GSHpx SPV8 Rhs  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 TssD TssR TssR_M TssR_WNA ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DUF4289 STox-56 STox-41 ? STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? ? Rhs Tox-DUF418b STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ClpABC-AAA ClpABN-AAA Clp_N Ribonuc_L_PSP STox-41 HEAT ? STY-kinase cNMP-cyclase SMACOS TPR                 |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DUF3784 ? Rhs STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DUF4289 ? STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41 ? STox-41 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | TssD STox-41 ? TssD   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-56 STox-41 DUF4289 LysM ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | haLocin-CESB PTSEIIA1 STox-41 ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | YARHG STox-41 SH3 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? STox-41 STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? STox-41 ODE_Tnp_1_3 ODE_Tnp_1_3   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Phage_GpD Phage_base_V DUF234b ? STox-41 ? ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Phage_GpD Phage_base_V DUF234b IG DUF4289 STox-56 STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Lpr1 ? STox-41 ? Phage_GpD VgrG1 T6SS_Vgr DUF234b   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ClpABN-AAA ClpABN-AAA Phage_GpD VgrG1 T6SS_Vgr DUF234b STox-41 ? ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DUF6119 ? STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? STox-41 ? TANGO2  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | SPV8 Rhs DUF6443 Rhs STox-41 ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | STox-56 STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? DUF4289 STox-41 ? Amidohydro_1  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | SH3 LysM STox-41 Glyco_hydro_108 PG_binding_2 ? DUF234b   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Peptidase_M23 ? STox-41 SH3 Peptidase_M23   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | T6SS_Tss3 Phage_GpD VgrG1 DUF234b ? ? STox-41 Phage_Lysozyme  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? LysM STox-41 Phage_GpD VgrG1 T6SS_Vgr DUF234b ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Peptidase_M23 ? STox-41 ? Peptidase_M23   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? Amidase_2 STox-41 ? ?   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | GPM_gp2b Phage_GpD VgrG1 T6SS_Vgr DUF234b STox-41 ? ENT STox-41   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | His-Kinase HisKA_3 TPR TPR ? STox-41 ? ?  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? STox-41 ? Phage_Lysozyme PTSEIIA1 DnaB  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? LysM STox-41 Acetylase McCoBD_2 Ald_Xan_dh_C McCoBD_1 McCoBD_2  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ODE_Tnp_1_4 CHAP ? STox-41 IsdB_Isb2  |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | MbetaLac ? STox-41 ? AlpC-TSA   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | Deaminase Scaffold PG_binding_1 YkuB STox-41 LysM GTP_EFTU GTP_EFTU_D2 EFG_III EFG_IV EFG_C DnaB            |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | DUF72 ? STox-41 SH3 SH3 LexA-protease LexA_DNA_bind   |
| MEB0710886.1<br>JACX010000162.1:188-2107<br><i>Bacteroidales bacterium</i>                  | ? ? LysM DUF4289 STox-41 ? UNC80_C  |