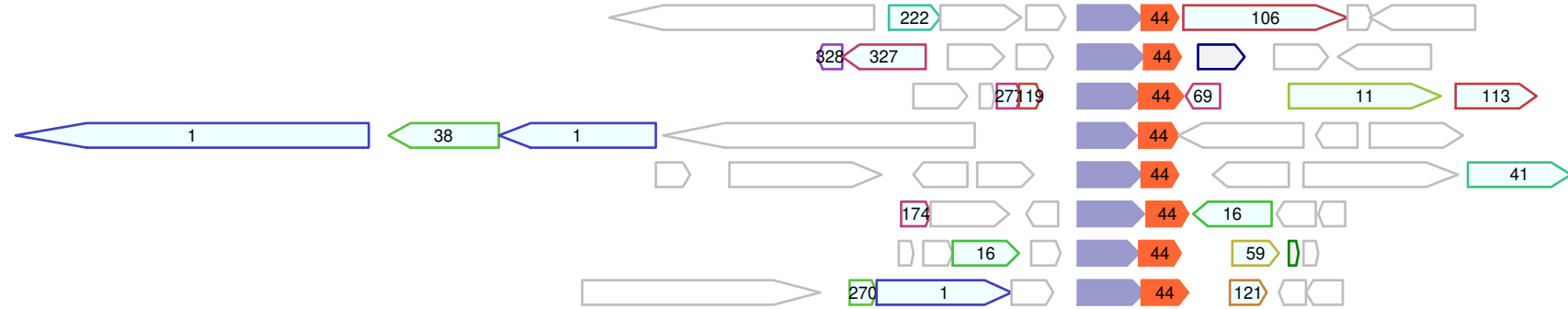


Antitoxin (Blue Pentagon) Domain Name: PanA

Predicted Toxin (Red Pentagon) Domain ID: D10
-- RefSeq Protein Description: type II toxin-antitoxin system PemK/MazF family toxin
-- TADB Annotation: Toxin MazF9; PubMed: 19016878
-- NCBI-CDD Annotation: PemK_toxin superfamily
-- HHpred(Pfam) Annotation: CcdB ; CcdB protein (94.11%)
-- HHpred(PDB) Annotation: beta-glucosidase 1317 (96.28%)

Herbidospora sakaeratensis (TA-Like pair: WP_169806402.1 & WP_062340020.1)
Nocardiopsis listeri NBRC 13360 (TA-Like pair: WP_067605936.1 & WP_067605938.1)
Bacillus vallismortis (TA-Like pair: WP_010329781.1 & WP_010329780.1)
Corynebacterium glucuronolyticum (TA-Like pair: WP_084037191.1 & WP_159447612.1)
Micromonospora humi (TA-Like pair: WP_091063137.1 & WP_175441341.1)
Thermoactinomyces daqus (TA-Like pair: WP_033100531.1 & WP_052154111.1)
Hungateiclostridium thermocellum ATCC 27405 (TA-Like pair: WP_020457843.1 & WP_020457844.1)
Clostridium cochlearium (TA-Like pair: WP_095177264.1 & WP_095177265.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D10.txt