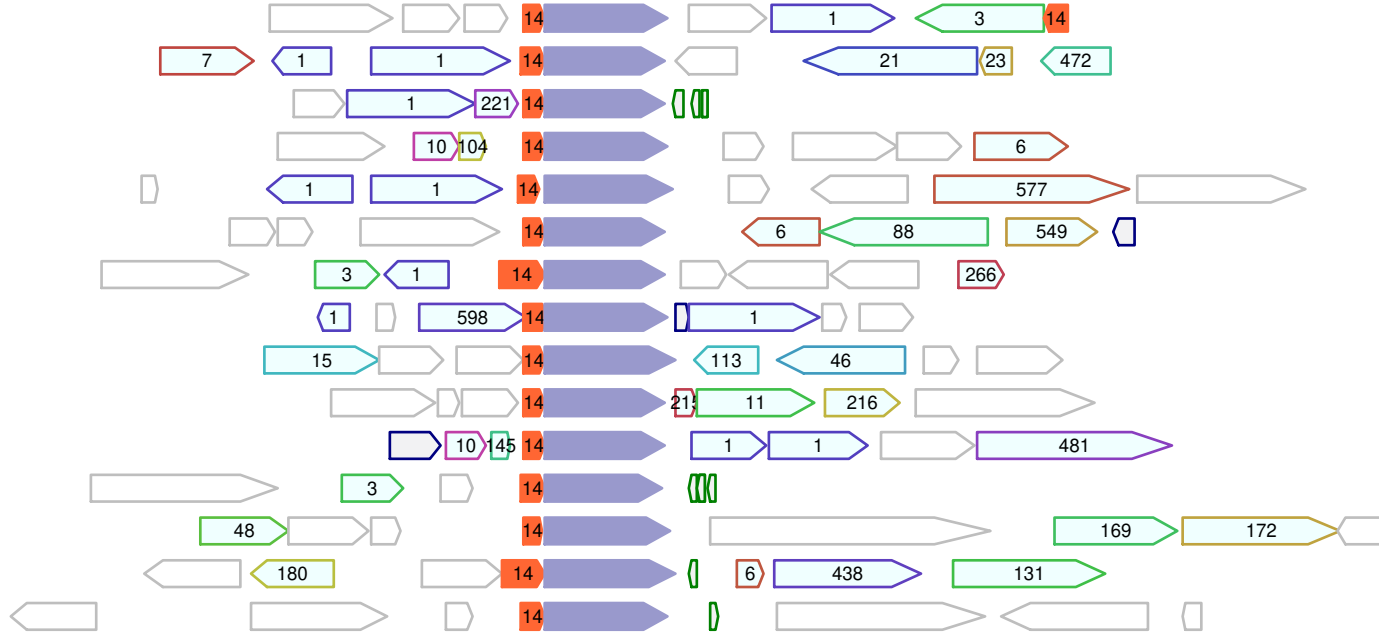


Predicted Antitoxin (Blue Pentagon) Domain ID: D95
-- RefSeq Protein Description: site-specific integrase
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: Phage_int_SAM_3_DNA_BRE_C superfamily
-- HHpred(Pfam) Annotation: Phage_integr_3 ; Archaeal phage integrase (97.47%)
-- HHpred(PDB) Annotation: Int protein/DNA Complex (99.04%)

Predicted Toxin (Red Pentagon) Domain ID: D132
-- RefSeq Protein Description: DUF3173 family protein
-- TADB Annotation: No Hit
-- NCBI-CDD Annotation: DUF3173 superfamily
-- HHpred(Pfam) Annotation: DUF3173 ; Domain of unknown function (DUF3173) (97.67%)
-- HHpred(PDB) Annotation: No Hit

- Enterococcus gallinarum (TA-Like pair: WP_195958040.1 & WP_195958041.1)
Lactobacillus songhuajiangensis (TA-Like pair: WP_124974827.1 & WP_125572178.1)
Streptococcus thermophilus JIM 8232 (TA-Like pair: WP_000598356.1 & WP_014621017.1)
Enterococcus massiliensis (TA-Like pair: WP_010759302.1 & WP_048605151.1)
Enterococcus saigonensis (TA-Like pair: WP_002295027.1 & WP_002295028.1)
Streptococcus thoraltensis DSM 12221 (TA-Like pair: WP_017769084.1 & WP_018380021.1)
Lactococcus hircilactis (TA-Like pair: WP_170272384.1 & WP_153495698.1)
Streptococcus australis (TA-Like pair: WP_000998327.1 & WP_195213859.1)
Oceanobacillus chungangensis (TA-Like pair: WP_115749524.1 & WP_115749525.1)
Enterococcus wangshanyuanii (TA-Like pair: WP_188634508.1 & WP_088270577.1)
Enterococcus thailandicus (TA-Like pair: WP_095803496.1 & WP_095803497.1)
Vagococcus silagei (TA-Like pair: WP_136137551.1 & WP_136137552.1)
Enterococcus diestrammenae (TA-Like pair: WP_161869291.1 & WP_161869255.1)
Sporolactobacillus pectinivorans (TA-Like pair: WP_157800193.1 & WP_100487099.1)
Lactobacillus manihotivorans (TA-Like pair: WP_054719397.1 & WP_054719400.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/T8_pdfs/D132.txt