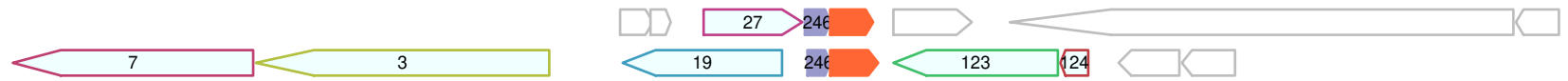


Predicted Toxin (Red Pentagon) Domain ID: D169
 -- RefSeq Protein Description: type II toxin-antitoxin system VapC family toxin
 -- TADB Annotation: VapC PAE0151; PubMed: 22539524
 -- NCBI-CDD Annotation: PIN_Pae0151-like
 -- HHpred(Pfam) Annotation: PIN ; PIN domain (96.66%)
 -- HHpred(PDB) Annotation: VapC toxin, VapB antitoxin (96.60%)

Predicted Antitoxin (Blue Pentagon) Domain ID: M227
 -- RefSeq Protein Description: hypothetical protein
 -- TADB Annotation: No Hit
 -- NCBI-CDD Annotation: No Hit
 -- HHpred(Pfam) Annotation: VAPB_antitox ; Putative antitoxin (93.08%)
 -- HHpred(PDB) Annotation: ARC REPRESSOR (94.93%)

Aphanothece hegewaldii CCALA 016 (TA-Like pair: WP_106459451.1 & WP_106459450.1)
 Thermaerobacter marianensis DSM 12885 (TA-Like pair: WP_148235794.1 & WP_013494710.1)



** For the description of flanking genes, please check this link: http://130.235.240.53/NetFlax/Mini_pdfs/M227.txt