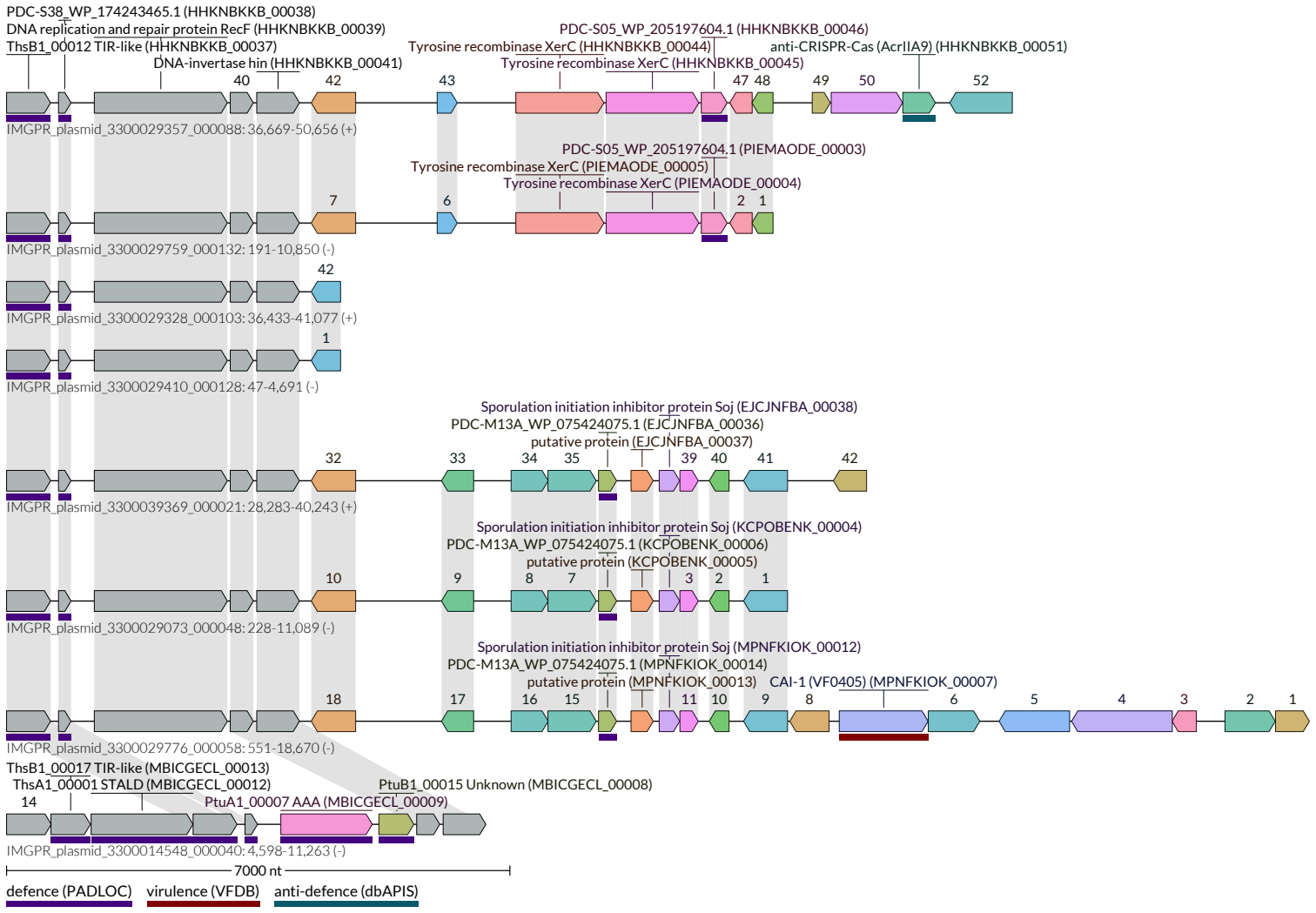
PDC-S38_WP_174243465.1 (HHKNBKKB_00038)
DNA replication and repair protein RecF (HHKNBKKB_00039)
ThsB1_00012 TIR-like (HHKNBKKB_00037)
DNA-invertase hin (HHKNBKKB_00041)
PDC-S05_WP_205197604.1 (HHKNBKKB_00046)
Tyrosine recombinase XerC (HHKNBKKB_00044)
Tyrosine recombinase XerC (HHKNBKKB_00045)
anti-CRISPR-Cas (AcrIIA9) (HHKNBKKB_00051)
40 42 43 47 48 49 50 52
IMGPR_plasmid_3300029357_000088: 36,669-50,656 (+)
PDC-S05_WP_205197604.1 (PIEMAODE_00003)
Tyrosine recombinase XerC (PIEMAODE_00005)
Tyrosine recombinase XerC (PIEMAODE_00004)
7 6 2 1
IMGPR_plasmid_3300029759_000132: 191-10,850 (-)
42
IMGPR_plasmid_3300029328_000103: 36,433-41,077 (+)
1
IMGPR_plasmid_3300029410_000128: 47-4,691 (-)
Sporulation initiation inhibitor protein Soj (EJCJNFBA_00038)
PDC-M13A_WP_075424075.1 (EJCJNFBA_00036)
putative protein (EJCJNFBA_00037)
32 33 34 35 39 40 41 42
IMGPR_plasmid_3300039369_000021: 28,283-40,243 (+)
Sporulation initiation inhibitor protein Soj (KCPOBENK_00004)
PDC-M13A_WP_075424075.1 (KCPOBENK_00006)
putative protein (KCPOBENK_00005)
10 9 8 7 3 2 1
IMGPR_plasmid_3300029073_000048: 228-11,089 (-)
Sporulation initiation inhibitor protein Soj (MPNFKIOK_00012)
PDC-M13A_WP_075424075.1 (MPNFKIOK_00014)
putative protein (MPNFKIOK_00013)
CAI-1 (VF0405) (MPNFKIOK_00007)
18 17 16 15 11 10 9 8 6 5 4 3 2 1
IMGPR_plasmid_3300029776_000058: 551-18,670 (-)
ThsB1_00017 TIR-like (MBICGECL_00013)
ThsA1_00001 STALD (MBICGECL_00012)
PtuB1_00015 Unknown (MBICGECL_00008)
PtuA1_00007 AAA (MBICGECL_00009)
14
IMGPR_plasmid_3300014548_000040: 4,598-11,263 (-)
7000 nt
defence (PADLOC)
virulence (VFDB)
anti-defence (dbAPIS)