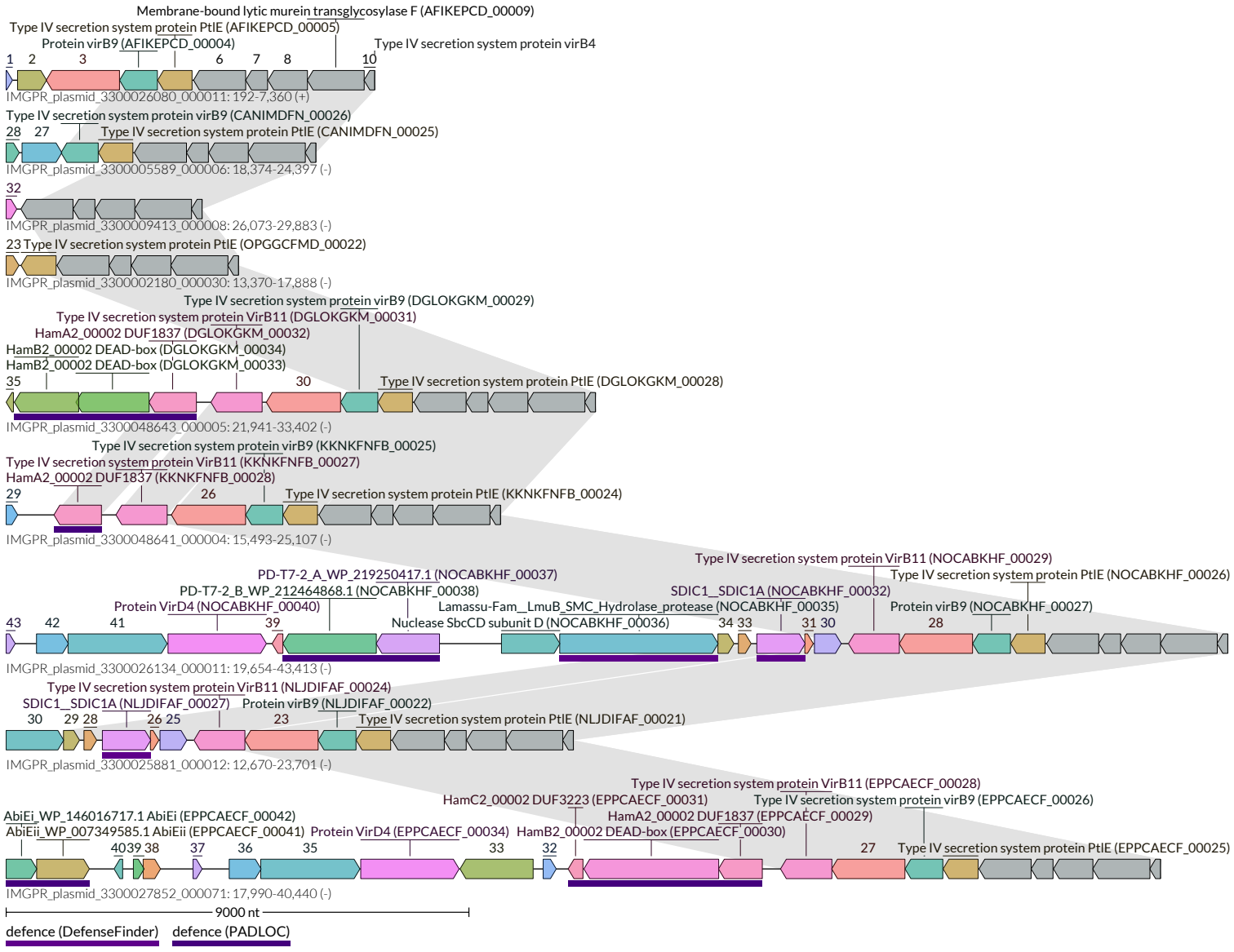
Membrane-bound lytic murein transglycosylase F (AFIKEPCD_00009)
Type IV secretion system protein PtlE (AFIKEPCD_00005)
Protein virB9 (AFIKEPCD_00004)
Type IV secretion system protein virB4
1 2 3 6 7 8 10
IMGPR_plasmid_3300026080_000011: 192-7,360 (+)
Type IV secretion system protein virB9 (CANIMDFN_00026)
28 27
Type IV secretion system protein PtlE (CANIMDFN_00025)
IMGPR_plasmid_3300005589_000006: 18,374-24,397 (-)
32
IMGPR_plasmid_3300009413_000008: 26,073-29,883 (-)
23 Type IV secretion system protein PtlE (OPGGCFMD_00022)
IMGPR_plasmid_3300002180_000030: 13,370-17,888 (-)
Type IV secretion system protein virB9 (DGLOKGKM_00029)
Type IV secretion system protein VirB11 (DGLOKGKM_00031)
HamA2_00002 DUF1837 (DGLOKGKM_00032)
HamB2_00002 DEAD-box (DGLOKGKM_00034)
HamB2_00002 DEAD-box (DGLOKGKM_00033)
35 30
Type IV secretion system protein PtlE (DGLOKGKM_00028)
IMGPR_plasmid_3300048643_000005: 21,941-33,402 (-)
Type IV secretion system protein virB9 (KKNKFNFB_00025)
Type IV secretion system protein VirB11 (KKNKFNFB_00027)
HamA2_00002 DUF1837 (KKNKFNFB_00028)
29 26
Type IV secretion system protein PtlE (KKNKFNFB_00024)
IMGPR_plasmid_3300048641_000004: 15,493-25,107 (-)
Type IV secretion system protein VirB11 (NOCABKHF_00029)
PD-T7-2_A_WP_219250417.1 (NOCABKHF_00037)
Type IV secretion system protein PtlE (NOCABKHF_00026)
PD-T7-2_B_WP_212464868.1 (NOCABKHF_00038)
SDIC1__SDIC1A (NOCABKHF_00032)
Protein VirD4 (NOCABKHF_00040)
Lamassu-Fam__LmuB_SMC_Hydrolase_protease (NOCABKHF_00035)
Protein virB9 (NOCABKHF_00027)
43 42 41 39
Nuclease SbcCD subunit D (NOCABKHF_00036)
34 33 31 30 28
IMGPR_plasmid_3300026134_000011: 19,654-43,413 (-)
Type IV secretion system protein VirB11 (NLJDIFAF_00024)
SDIC1__SDIC1A (NLJDIFAF_00027)
Protein virB9 (NLJDIFAF_00022)
30 29 28 26 25 23
Type IV secretion system protein PtlE (NLJDIFAF_00021)
IMGPR_plasmid_3300025881_000012: 12,670-23,701 (-)
Type IV secretion system protein VirB11 (EPPCAECF_00028)
HamC2_00002 DUF3223 (EPPCAECF_00031)
Type IV secretion system protein virB9 (EPPCAECF_00026)
AbiEi_WP_146016717.1 AbiEi (EPPCAECF_00042)
HamA2_00002 DUF1837 (EPPCAECF_00029)
AbiEii_WP_007349585.1 AbiEii (EPPCAECF_00041)
Protein VirD4 (EPPCAECF_00034)
HamB2_00002 DEAD-box (EPPCAECF_00030)
40 39 38 37 36 35 33 32 27
Type IV secretion system protein PtlE (EPPCAECF_00025)
IMGPR_plasmid_3300027852_000071: 17,990-40,440 (-)
9000 nt
defence (DefenseFinder)
defence (PADLOC)