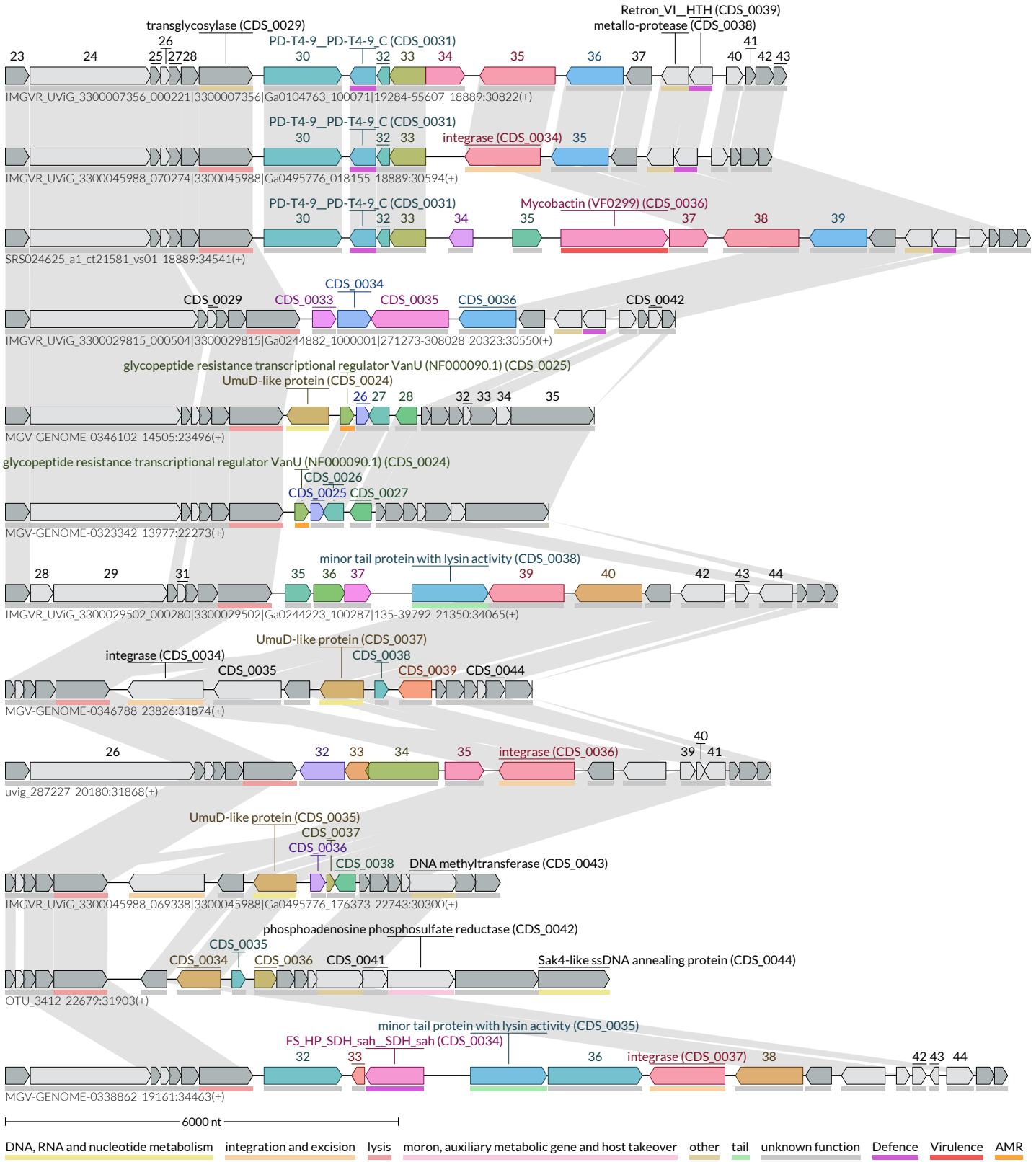
transglycosylase (CDS_0029)
Retron_VI__HTH (CDS_0039)
metallo-protease (CDS_0038)
PD-T4-9__PD-T4-9_C (CDS_0031)
23 24 25 26 27 28 30 32 33 34 35 36 37 40 41 42 43
IMGVR_UViG_3300007356_000221|3300007356|Ga0104763_100071|19284-55607 18889:30822(+)
PD-T4-9__PD-T4-9_C (CDS_0031)
integrase (CDS_0034)
30 32 33 35
IMGVR_UViG_3300045988_070274|3300045988|Ga0495776_018155 18889:30594(+)
PD-T4-9__PD-T4-9_C (CDS_0031)
Mycobactin (VF0299) (CDS_0036)
30 32 33 34 35 37 38 39
SRS024625_a1_ct21581_vs01 18889:34541(+)
CDS_0034
CDS_0029 CDS_0033 CDS_0035 CDS_0036 CDS_0042
IMGVR_UViG_3300029815_000504|3300029815|Ga0244882_1000001|271273-308028 20323:30550(+)
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0025)
UmuD-like protein (CDS_0024)
26 27 28 32 33 34 35
MGV-GENOME-0346102 14505:23496(+)
glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0024)
CDS_0026
CDS_0025 CDS_0027
MGV-GENOME-0323342 13977:22273(+)
minor tail protein with lysin activity (CDS_0038)
28 29 31 35 36 37 39 40 42 43 44
IMGVR_UViG_3300029502_000280|3300029502|Ga0244223_100287|135-39792 21350:34065(+)
UmuD-like protein (CDS_0037)
integrase (CDS_0034)
CDS_0038
CDS_0035 CDS_0039 CDS_0044
MGV-GENOME-0346788 23826:31874(+)
40
26 32 33 34 35 integrase (CDS_0036) 39 41
uvig_287227 20180:31868(+)
UmuD-like protein (CDS_0035)
CDS_0037
CDS_0036
CDS_0038 DNA methyltransferase (CDS_0043)
IMGVR_UViG_3300045988_069338|3300045988|Ga0495776_176373 22743:30300(+)
phosphoadenosine phosphosulfate reductase (CDS_0042)
CDS_0035
CDS_0034 CDS_0036 CDS_0041 Sak4-like ssDNA annealing protein (CDS_0044)
OTU_3412 22679:31903(+)
minor tail protein with lysin activity (CDS_0035)
FS_HP_SDH_sah__SDH_sah (CDS_0034)
32 33 36 integrase (CDS_0037) 38 42 43 44
MGV-GENOME-0338862 19161:34463(+)
6000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
unknown function
Defence
Virulence
AMR