

VirB-homolog (vbh) type IV secretion system (VF0680) (DFDLCPBM_00011)

Type IV secretion system protein virB9 (DFDLCPBM_00012)

Type IV secretion system protein VirB11 (DFDLCPBM_00014)

Type IV secretion system protein virB10 (DFDLCPBM_00013)

15

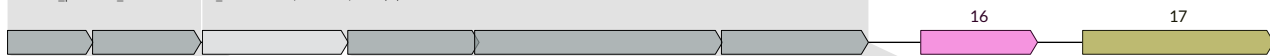
16

17

IS3 family transposase ISMex37 (DFDLCPBM_00018)



IMGPR_plasmid_2617270741_000001: 8,145-16,132 (+)



IMGPR_plasmid_3300049004_000003: 7,604-17,553 (+)

Type IV secretion system protein virB5 (KEDLKPNL_00009)

Type IV secretion system protein VirB6 (KEDLKPNL_00011)

Type IV secretion system protein virB4

10

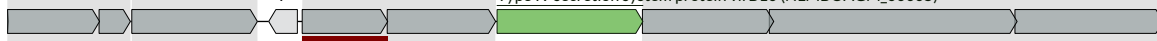
Type IV secretion system protein virB10 (KEDLKPNL_00014)



IMGPR_plasmid_3300001605_000028: 6,569-15,652 (+)

7

Type IV secretion system protein virB10 (NLMBOAGM_00005)



IMGPR_plasmid_3300002568_000003: 833-9,911 (-)

7

Type IV secretion system protein virB10 (GAHKOPHA_00004)



IMGPR_plasmid_2874636899_000001: 351-9,408 (-)

Type IV secretion system protein virB3 (COMANFAN_00018)

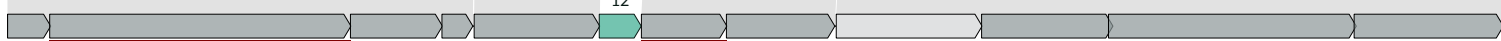
VirB/VirD4 type IV secretion system (VF0369) (COMANFAN_00017)

13



IMGPR_plasmid_2663763134_000006: 5,176-16,936 (-)

12



IMGPR_plasmid_3300013313_000002: 5,225-16,977 (+)

4000 nt

virulence (VFDB)