Iron/manganese transport (VF1116) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0024)
tail protein (CDS_0018)
tail protein (CDS_0021)
MntABC (VF0455) (CDS_0026)
tail fiber protein (CDS_0020)
Lmb (VF0275) (CDS_0027)
TemPhD_cluster_59073 13582:28281(+)
Iron/manganese transport (VF1116) (CDS_0024)
MntABC (VF0455) (CDS_0025)
Lmb (VF0275) (CDS_0026)
Iron/manganese transport (VF1116) (CDS_0023)
TemPhD_cluster_40099 13450:27906(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
IMGVR_UViG_2531839145_000007|2531839145|2531866039 13438:28103(+)
Iron/manganese transport (VF1116) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0024)
Lmb (VF0275) (CDS_0027)
Rck (VF0108) (CDS_0020)
MntABC (VF0455) (CDS_0026)
TemPhD_cluster_19656 13575:29655(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
TemPhD_cluster_58907 13438:29056(+)
Iron/manganese transport (VF1116) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0024)
Lmb (VF0275) (CDS_0027)
MntABC (VF0455) (CDS_0026)
TemPhD_cluster_39820_ 13569:29637(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
TemPhD_cluster_59371 13450:29067(+)
Iron/manganese transport (VF1116) (CDS_0041)
Iron/manganese transport (VF1116) (CDS_0040)
MntABC (VF0455) (CDS_0042)
tail protein (CDS_0036)
Lmb (VF0275) (CDS_0043)
tail protein (CDS_0037)
TemPhD_cluster_46184 24302:40383(+)
Iron/manganese transport (VF1116) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0024)
Lmb (VF0275) (CDS_0027)
MntABC (VF0455) (CDS_0026)
TemPhD_cluster_58655 14395:29609(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
TemPhD_cluster_58833 14395:29003(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
IMGVR_UViG_3300010275_000173|3300010275|Ga0129310_1000448 14395:29304(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
ivig_4424 14395:29114(+)
Iron/manganese transport (VF1116) (CDS_0024)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
NC_049949.1 14159:29969(+)
Iron/manganese transport (VF1116) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0024)
tail fiber protein (CDS_0020)
Lmb (VF0275) (CDS_0027)
central tail fiber J (CDS_0019)
MntABC (VF0455) (CDS_0026)
TemPhD_cluster_31386 13799:29002(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0027)
Iron/manganese transport (VF1116) (CDS_0024)
acetyltransferase (CDS_0029)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
TemPhD_cluster_59630 13426:30033(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0027)
Iron/manganese transport (VF1116) (CDS_0024)
transcriptional regulator (CDS_0028)
acetyltransferase (CDS_0029)
MntABC (VF0455) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
TemPhD_cluster_35308 13426:29768(+)
arsinothricin resistance N-acetyltransferase ArsN1 family A (NF040503.1) (CDS_0027)
Iron/manganese transport (VF1116) (CDS_0024)
transcriptional regulator (CDS_0028)
acetyltransferase (CDS_0029)
MntABC (VF0455) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
TemPhD_cluster_39728_ 14383:29715(+)
Iron/manganese transport (VF1116) (CDS_0024)
head protein (CDS_0030)
tail fiber protein proximal subunit (CDS_0040)
Iron/manganese transport (VF1116) (CDS_0023)
Lmb (VF0275) (CDS_0026)
MntABC (VF0455) (CDS_0025)
uvig_566986 14327:39532(+)
Iron/manganese transport (VF1116) (CDS_0025)
head protein (CDS_0031)
Iron/manganese transport (VF1116) (CDS_0024)
Lmb (VF0275) (CDS_0027)
tail fiber protein proximal subunit (CDS_0040)
MntABC (VF0455) (CDS_0026)
ivig_3313 13575:38040(+)
CDS_0042
uvig_107636 25293:34718(+)
integrase (CDS_0023)
IMGVR_UViG_2541047753_000003|2541047753|2541171020|213899-257953 14395:23122(+)
Iron/manganese transport (VF1116) (CDS_0025)
Iron/manganese transport (VF1116) (CDS_0024)
tail protein (CDS_0020)
minor tail protein (CDS_0015)
tail protein (CDS_0021)
Lmb (VF0275) (CDS_0027)
minor tail protein (CDS_0016)
MntABC (VF0455) (CDS_0026)
TemPhD_cluster_35266 12416:28065(+)
CDS_0024
CDS_0026
integrase (CDS_0023)
CDS_0025
IMGVR_UViG_637000104_000001|637000104|637000587|1187383-1229069 13426:25691(+)
tail protein (CDS_0022)
CDS_0023
IMGVR_UViG_2547132255_000004|2547132255|2547204462|47726-92330 12728:23605(+)
CDS_0022
tail fiber protein (CDS_0023)
IMGVR_UViG_2802429223_000001|2802429223|2802449665|222846-269298 12746:25313(+)
CDS_0022
CDS_0023
IMGVR_UViG_2675903658_000004|2675903658|2676001798|29261-77401 12951:24272(+)
CDS_0018
CDS_0023
tail fiber protein (CDS_0024)
IMGVR_UViG_2519899604_000001|2519899604|2519932388|140085-184364 12394:25334(+)
CDS_0022
tail fiber protein (CDS_0023)
IMGVR_UViG_2563366881_000004|2563366881|2563394916|103981-148032 12409:25106(+)
central tail fiber J (CDS_0019)
CDS_0023
tail fiber protein (CDS_0024)
IMGVR_UViG_2541047897_000005|2541047897|2541177300|179176-223106 12394:24985(+)
tail fiber protein (CDS_0023)
Pla (VF0139) (CDS_0026)
IMGVR_UViG_2563366798_000003|2563366798|2563390645|109606-161018 14172:29849(+)
Rst_3HP__Hp1 (CDS_0025)
CDS_0022
Rst_3HP__Hp2 (CDS_0026)
tail protein (CDS_0021)
CDS_0023
CDS_0027
CDS_0028
TemPhD_cluster_27029 13575:29325(+)
RM_Type_IV__Type_IV_REases__Type_IV_01 (CDS_0024)
Rck (VF0108) (CDS_0020)
O-acetyltransferase (CDS_0022)
Dnd__DndB (CDS_0030)
exonuclease (CDS_0032)
tail fiber protein (CDS_0021)
TemPhD_cluster_14525 12387:32971(+)
RM_Type_IV__Type_IV_REases__Type_IV_01 (CDS_0024)
Rck (VF0108) (CDS_0020)
O-acetyltransferase (CDS_0022)
tail fiber protein (CDS_0021)
TemPhD_cluster_20239 12387:32293(+)
RM_Type_IV__Type_IV_REases__Type_IV_01 (CDS_0024)
tail fiber protein (CDS_0021)
Rck (VF0108) (CDS_0020)
TemPhD_cluster_5807 12390:30397(+)
esterase/lipase (CDS_0027)
CDS_0029
CDS_0028
CDS_0030
IMGVR_UViG_2627854098_000004|2627854098|2627914286|2789219-2840410 14376:28571(+)
CDS_0026
CDS_0028
CDS_0022
CDS_0027
IMGVR_UViG_637000105_000003|637000105|637000185|1397370-1446615 15024:24577(+)
10000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
other
tail
transcription regulation
unknown function
Defence
Virulence
AMR