transcriptional repressor (CDS_0029)
baseplate assembly protein (CDS_0022)
CII-like regulator (CDS_0031)
baseplate wedge subunit (CDS_0023)
excisionase (CDS_0030)
baseplate protein (CDS_0024)
integrase (CDS_0028)
CDS_0020
tail protein (CDS_0026)
CDS_0032 CDS_0034
CDS_0021
tail protein (CDS_0025)
CDS_0027
CDS_0033
uvig_117304 14863:25569(+)
tail protein (CDS_0025) CDS_0026
uvig_316169 14391:23157(+)
thymidylate synthase (CDS_0025)
tail protein (CDS_0024)
dCTP deaminase (CDS_0026)
CDS_0032
uvig_517587 13629:23327(+)
CDS_0024
tail protein (CDS_0022)CDS_0023
CDS_0025
cell division inhibitor (CDS_0030)
uvig_349729 12407:22078(+)
tail protein (CDS_0024)
CDS_0019
CDS_0025
cell division inhibitor (CDS_0030)
SAMEA2579978_a1_ct3738_vs1 13319:23300(+)
tail fiber protein (CDS_0024)
CDS_0025
uvig_116150 13319:22684(+)
tail fiber assembly protein (CDS_0026)
tail fiber assembly (CDS_0025)
CDS_0019
tail protein (CDS_0024)
GAPS1__GAPS1 (CDS_0027)
uvig_282636 12919:24655(+)
transcriptional regulator (CDS_0025)
Retron__RT_Tot_1 (CDS_0027)
tail fiber protein (CDS_0024)
tail fiber protein (CDS_0023)
26
28
TemPhD_cluster_64152 15040:25445(+)
tail fiber protein (CDS_0023)
24
25
26
27
28
dCTPdeaminase__dCTPdeaminase (CDS_0029)
SAMN06164803_a1_ct121769_vs1 14378:31323(+)
cell division inhibitor (CDS_0027)
excisionase (CDS_0025)
DksA-like zinc-finger protein (CDS_0030)
tail protein (CDS_0022)
CDS_0029
MGV-GENOME-0161252 13523:20559(+)
integrase (CDS_0026)
tail protein (CDS_0024)
25
27
28
Cox-like excisionase and repressor (CDS_0030)
uvig_574404 13936:23247(+)
Paris_I__AriB_DUF4435_I__AriB_DUF4435_I_ali (CDS_0018)
tail protein (CDS_0024)
CDS_0026
Paris_I__AriA_AAA15__AriA_AAA15_ali (CDS_0019)
CDS_0025
uvig_327530 12815:21803(+)
tail protein (CDS_0023)CDS_0024
MGV-GENOME-0152730 12930:19780(+)
tail fiber assembly protein (CDS_0026)
tail protein (CDS_0025)
CDS_0027
uvig_146225 15277:22471(+)
CDS_0024
PD-Lambda-1__PD-Lambda-1 (CDS_0026)
uvig_119542 14875:24194(+)
PD-Lambda-1__PD-Lambda-1 (CDS_0025)
MGV-GENOME-0186425 14875:23593(+)
PD-Lambda-1__PD-Lambda-1 (CDS_0026)
uvig_597044 14303:23872(+)
CDS_0028
transcriptional repressor (CDS_0029)
uvig_581683 14887:25243(+)
CDS_0028 CDS_0029 CDS_0030
uvig_435072_ 15087:25029(+)
tail protein (CDS_0024)
CDS_0027
transcriptional repressor (CDS_0028)
uvig_297238 15500:24847(+)
cell division inhibitor (CDS_0032)
tail fiber protein (CDS_0024)
CDS_0027
CDS_0028
CDS_0033
uvig_95104 15300:25479(+)
tail fiber protein (CDS_0022)
CDS_0025
CDS_0026
uvig_473293 13905:25092(+)
tail fiber assembly (CDS_0025)
CDS_0019
tail protein (CDS_0024)
CDS_0026
CDS_0028 transcriptional repressor (CDS_0029)
uvig_165151 13678:26280(+)
tail protein (CDS_0025)
CDS_0026
CDS_0028
uvig_254534 15743:24298(+)
CDS_0024
tail protein (CDS_0023)
CDS_0025
uvig_86681 14083:23132(+)
CDS_0025
tail protein (CDS_0024)
CDS_0026
uvig_145392 15674:24777(+)
tail protein (CDS_0025)
MGV-GENOME-0182105 14726:23618(+)
tail fiber protein (CDS_0026)
uvig_56257 15959:23260(+)
tail fiber protein (CDS_0024)
CDS_0026
uvig_206243 13906:22894(+)
tail protein (CDS_0025)CDS_0026
uvig_324012 14491:23079(+)
tail protein (CDS_0025)
CDS_0026
ivig_419 13971:23194(+)
tail protein (CDS_0025)
CDS_0020
CDS_0026
uvig_170178 13826:22665(+)
tail protein (CDS_0026) CDS_0027
uvig_292745 16978:25089(+)
tail protein (CDS_0023)
CDS_0025
CDS_0024
uvig_383014 14323:22872(+)
tail protein (CDS_0027)
CDS_0029
CDS_0028
uvig_595315 16116:24831(+)
tail protein (CDS_0022)
CDS_0024
CDS_0023
SAMEA1906563_a1_ct133643_vs1 13044:22172(+)
tail fiber assembly (CDS_0026)
tail protein (CDS_0025)
CDS_0027
uvig_314549 14566:23745(+)
tail protein (CDS_0024)
CDS_0025
PD-Lambda-1__PD-Lambda-1 (CDS_0027)
uvig_429039 14369:24334(+)
CDS_0019
tail protein (CDS_0024) CDS_0025
uvig_288975 14319:23948(+)
hydrolase (CDS_0025)
tail protein (CDS_0024)
26
27
28
uvig_144112 13244:24084(+)
tail fiber assembly protein (CDS_0025)
tail collar fiber protein (CDS_0027)
19
tail protein (CDS_0024)
26
28
uvig_332372 14217:25490(+)
tail fiber assembly protein (CDS_0026)
virion structural protein (CDS_0027)
PD-T4-3__PD-T4-3 (CDS_0030)
DNA invertase (CDS_0028)
tail protein (CDS_0024)
25
29
31
32
33
34
uvig_271170 14131:28898(+)
tail fiber assembly (CDS_0027)
21
tail protein (CDS_0026)
28
29
30
ivig_1489 15011:27007(+)
CmlA/FloR family chloramphenicol efflux MFS transporter (NF033134.0) (CDS_0030)
transcriptional regulator (CDS_0028)
tail protein (CDS_0025)
peptidase (CDS_0027)
hydrolase (CDS_0032)
26
29
31
33
34
35
uvig_319032 14571:30502(+)
tail fiber assembly protein (CDS_0026)
CDS_0019
tail fiber assembly (CDS_0027)
CDS_0020
tail protein (CDS_0025)
tail collar protein (CDS_0028)
uvig_231714 14007:25469(+)
CDS_0019
tail protein (CDS_0024) CDS_0025
CDS_0027
uvig_121475 14178:25024(+)
tail fiber assembly (CDS_0026)
tail protein (CDS_0025)
CDS_0027
CDS_0029
uvig_393216 14730:26225(+)
CDS_0018
tail protein (CDS_0023) CDS_0024
MGV-GENOME-4391750 13887:24302(+)
tail fiber assembly protein (CDS_0026)
DNA invertase (CDS_0027) tail protein (CDS_0030)
tail fiber assembly (CDS_0025)
head closure (CDS_0029)
tail protein (CDS_0024)
28
31
32
33
uvig_119455 15008:29930(+)
tail fiber assembly protein (CDS_0024)
virion structural protein (CDS_0025)
DNA invertase (CDS_0026)
head closure (CDS_0028)
tail protein (CDS_0023)
27
tail protein (CDS_0029)
30
31
32
uvig_46366 14239:30513(+)
tail fiber assembly protein (CDS_0025)
DNA invertase (CDS_0026) tail protein (CDS_0029)
head closure (CDS_0028)
tail protein (CDS_0023)24
27
30
31
uvig_327597 13248:28048(+)
AAA domain, putative AbiEii toxin, Type IV TA system (CDS_0027)
CDS_0024
CDS_0026
transcriptional repressor (CDS_0028)
uvig_72397 13331:22822(+)
baseplate assembly protein (CDS_0020)
Menshen__NsnA (CDS_0027)
CDS_0019
CDS_0026
transcriptional repressor (CDS_0028)
MGV-GENOME-0177189 13135:23400(+)
6000 nt
DNA, RNA and nucleotide metabolism
connector
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
AMR