



DSAD1 anti-DSR (APIS027) (CDS_0033)

HNH endonuclease (CDS_0036)

CDS_0026 CDS_0027 CDS_0028 CDS_0029 radical SAM domain protein (CDS_0031) CDS_0030 CDS_0032 CDS_0034 CDS_0035 CDS_0037 terminase small subunit (CDS_0038)

MGV-GENOME-0226319 20595:26889(+)

uvig_160425 18227:25076(+)

uvig_469500 18648:25667(+)

radical SAM domain protein (CDS_0030) phosphoadenosine phosphosulfate reductase (CDS_0031) CDS_0032

radical SAM domain protein (CDS_0030) 31 32 33 DSAD1 anti-DSR (APIS027) (CDS_0034) Bacteriophage abortive infection AbiH_AbiH (CDS_0037)

radical SAM domain protein (CDS_0034) CDS_0036 CDS_0035 CDS_0037 CDS_0038 CDS_0042

MGV-GENOME-0203956 23036:28674(+)

Bacteriophage abortive infection AbiH_AbiH (CDS_0037) terminase small subunit (CDS_0038)

MGV-GENOME-0198908 22719:26709(+)

nucleoside deoxyribosyltransferase (CDS_0032) Bacteriophage abortive infection AbiH_AbiH (CDS_0036)

MGV-GENOME-0207824 21199:26016(+)

MGV-GENOME-0166281 15591:20385(+)

MGV-GENOME-0200573 21156:25511(+)

MGV-GENOME-0238526 23029:27596(+)

MGV-GENOME-0185173 18230:22842(+)

uvig_358815 27377:34279(+)

MGV-GENOME-0306096 23231:29380(+)

2000 nt

DNA, RNA and nucleotide metabolism head and packaging moron, auxiliary metabolic gene and host takeover other unknown function Defence Anti-defence