dUTPase (CDS_0027)
holin (CDS_0025)
tail length tape measure protein (CDS_0019)
endolysin (CDS_0026)
tail protein (CDS_0022)
DNA binding protein (CDS_0032)
20 21 23 24 28 29 30 31 33
MGV-GENOME-0294350 10396:25230(+)
holin (CDS_0025)
endolysin (CDS_0026)
CDS_0024
dUTPase (CDS_0027)
IMGVR_UViG_3300008304_000154|3300008304|Ga0115174_100062|24598-60781 10395:24872(+)
dUTPase (CDS_0027)
holin (CDS_0025)
endolysin (CDS_0026)
24 28
MGV-GENOME-0287076 10304:25577(+)
dUTPase (CDS_0028)
holin (CDS_0026)
endolysin (CDS_0027)
25 29 integrase (CDS_0030)
MGV-GENOME-0266167 10519:26728(+)
holin (CDS_0024)
endolysin (CDS_0025)
CDS_0023
integrase (CDS_0026)
CDS_0030
SRS143616_a1_ct50246 10206:25537(+)
holin (CDS_0026)
dCMP deaminase (CDS_0030)
endolysin (CDS_0027)
25 28 29 integrase (CDS_0031)
SRS016665_a1_ct90849_vs1 10665:28036(+)
dUTPase (CDS_0025)
holin (CDS_0023)
endolysin (CDS_0024)
dCMP deaminase (CDS_0031)
22 26 27 28 29 30 32
SRS147386_a1_ct38433_vs01 9891:30085(+)
2-aminooxy adenylosuccinate synthetase (CDS_0031)
holin (CDS_0026)
transposase (CDS_0029)
endolysin (CDS_0027)
dCMP deaminase (CDS_0032)
25 28 30 integrase (CDS_0033)
IMGVR_UViG_2826272898_000001|2826272898|2826272961|5192-46338 10658:30170(+)
holin (CDS_0026)
endolysin (CDS_0027)
CDS_0025
integrase (CDS_0028)
IMGVR_UViG_2826270676_000001|2826270676|2826270733 10658:25740(+)
holin (CDS_0025)
endolysin (CDS_0026)
CDS_0024
CDS_0027
IMGVR_UViG_3300008635_000013|3300008635|Ga0115679_100255 10427:25601(+)
Autolysin (VF0143) (CDS_0035)
holin (CDS_0034)
CDS_0033
CDS_0036
CDS_0043
IMGVR_UViG_3300045988_019024|3300045988|Ga0495776_043769 18950:30992(+)
CDS_0024
IMGVR_UViG_3300008650_000011|3300008650|Ga0111455_1000363 13083:24079(+)
dUTPase (CDS_0027)
CDS_0028
Autolysin (VF0143) (CDS_0026)
CDS_0029
CDS_0035
IMGVR_UViG_3300006563_000052|3300006563|Ga0100369_100007|62-40710 13607:28205(+)
2-aminooxy adenylosuccinate synthetase (CDS_0028)
Autolysin (VF0143) (CDS_0026)
holin (CDS_0025)
dCMP deaminase (CDS_0030)
24 27 29 integrase (CDS_0031)
IMGVR_UViG_3300007968_000008|3300007968|Ga0105969_100133|1-40754 10433:29783(+)
dCMP deaminase (CDS_0028)
Autolysin (VF0143) (CDS_0027)
holin (CDS_0026)
25 integrase (CDS_0029)
IMGVR_UViG_3300007295_000132|3300007295|Ga0104867_1000276 10659:26390(+)
2-aminooxy adenylosuccinate synthetase (CDS_0031)
Autolysin (VF0143) (CDS_0026)
dUTPase (CDS_0027)
holin (CDS_0025)
28
dCMP deaminase (CDS_0033)
24 29 30 32 34
IMGVR_UViG_3300006459_000121|3300006459|Ga0100222_100192 10427:30570(+)
dUTPase (CDS_0027)
holin (CDS_0025)
2-aminooxy adenylosuccinate synthetase (CDS_0030)
endolysin (CDS_0026)
dCMP deaminase (CDS_0031)
24 28 29 integrase (CDS_0032)
IMGVR_UViG_3300006317_000090|3300006317|Ga0099674_100332 10391:30771(+)
holin (CDS_0025)
endolysin (CDS_0026)
CDS_0024
integrase (CDS_0027)
IMGVR_UViG_3300008155_000182|3300008155|Ga0114001_100076|65642-102335 10391:25151(+)
Autolysin (VF0143) (CDS_0025)
dUTPase (CDS_0027)
holin (CDS_0024)
23 26 28 integrase (CDS_0029)
MGV-GENOME-0281012 10135:26332(+)
dUTPase (CDS_0025)
2-aminooxy adenylosuccinate synthetase (CDS_0029)
endolysin (CDS_0024)
26 27 28
dCMP deaminase (CDS_0030)
IMGVR_UViG_3300006302_000055|3300006302|Ga0099621_100038|1-43803 13103:31056(+)
dUTPase (CDS_0027)
holin (CDS_0025)
endolysin (CDS_0026)
24 28 29 integrase (CDS_0030)
IMGVR_UViG_3300006498_000013|3300006498|Ga0100374_100459 10389:27538(+)
dUTPase (CDS_0025)
CDS_0021
endolysin (CDS_0024)
CDS_0022
CDS_0026
SRS019794_a1_ct464_vs1 9897:26635(+)
Autolysin (VF0143) (CDS_0024)
CDS_0025
IMGVR_UViG_3300006333_000016|3300006333|Ga0099550_1000209 13083:22813(+)
Autolysin (VF0143) (CDS_0027)
RNA polymerase beta subunit (CDS_0039)
holin (CDS_0026)
integrase (CDS_0029)
transcriptional regulator (CDS_0038)
25 dCMP deaminase (CDS_0028) 30 31 37
IMGVR_UViG_3300045988_015910|3300045988|Ga0495776_044470 10519:27253(+)
CDS_0016
CDS_0018
CDS_0017
tail protein (CDS_0021) integrase (CDS_0022)
SRS022725_a1_ct43655_vs01 9550:20791(+)
CDS_0028
endolysin (CDS_0024)
CDS_0027
CDS_0030
CDS_0022
dUTPase (CDS_0025)
CDS_0029
CDS_0031
SRS017537_a1_ct1297_vs01 13224:25956(+)
endolysin (CDS_0024)
IMGVR_UViG_3300007779_000002|3300007779|Ga0105569_100018 13224:25557(+)
holin (CDS_0023)
25 26 27 28 29
IMGVR_UViG_3300007711_000024|3300007711|Ga0105642_1000098 13224:25472(+)
8000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
tail
transcription regulation
unknown function
Virulence