glycoside hydrolase (CDS_0015)
minor tail protein (CDS_0017)
tail assembly protein (CDS_0016)
tail length tape measure protein (CDS_0014)
CDS_0013
tail protein (CDS_0018)
CDS_0019
CDS_0020
CDS_0021
CDS_0022
CDS_0023
CDS_0024
CDS_0025
CDS_0026
CDS_0027
CDS_0028
IMGVR_UViG_3300008136_000185|3300008136|Ga0113979_100606 8807:23353(+)
tail protein (CDS_0018)
CDS_0020
CDS_0022
IMGVR_UViG_3300006460_000059|3300006460|Ga0100061_100430 8822:21022(+)
tail protein (CDS_0019)
CDS_0021
CDS_0020
FS_Sma__Sma (CDS_0023)
SRS098533_a1_ct8561_vs01 8675:18445(+)
tail protein (CDS_0018) tail protein (CDS_0019)
CDS_0021
MGV-GENOME-0242798 8858:20907(+)
CDS_0019
tail protein (CDS_0018)
CDS_0020
CDS_0023
CDS_0027
CDS_0026
CDS_0031
IMGVR_UViG_2636416158_000001|2636416158|2636608542 12443:25599(+)
peptidase (CDS_0025)
CDS_0020 CDS_0021
CDS_0024
CDS_0026
transcriptional regulator (CDS_0029)
IMGVR_UViG_3300008490_000444|3300008490|Ga0115197_1000309|6995-46429 9008:23217(+)
CDS_0019 CDS_0020
CDS_0027
SRS104287_a1_ct85340 8889:23656(+)
CDS_0019 CDS_0020
IMGVR_UViG_3300008090_000103|3300008090|Ga0114309_100246 8899:22627(+)
CDS_0020
CDS_0019
CDS_0022
CDS_0026
SRS019792_a1_ct10811_vs01 9188:25701(+)
CDS_0019 CDS_0020
IMGVR_UViG_3300045988_117665|3300045988|Ga0495776_182902 8913:22764(+)
endolysin (CDS_0024)
minor tail protein (CDS_0017) CDS_0019 CDS_0020
CDS_0025 CDS_0026 FS_Sma__Sma (CDS_0027)
uvig_113552 13016:26558(+)
endolysin (CDS_0024)
CDS_0025 CDS_0026 FS_Sma__Sma (CDS_0027)
MGV-GENOME-0282410 13016:26558(+)
endolysin (CDS_0025)
23 24 26 27
IMGVR_UViG_3300007979_000079|3300007979|Ga0114002_100295 12283:24790(+)
endolysin (CDS_0025)
CDS_0024
CDS_0023
CDS_0026
IMGVR_UViG_3300008636_000066|3300008636|Ga0111420_100416 12283:23629(+)
endolysin (CDS_0024)
holin (CDS_0023)
Retron_VI__HTH (CDS_0033)
34
25 26 2728 29 35
uvig_191679 12813:27752(+)
endolysin (CDS_0025)
CDS_0026
CDS_0024
CDS_0027
uvig_393236 12857:26481(+)
endolysin (CDS_0025)
CDS_0024 CDS_0026
SRS011306_a1_ct31896_vs1 12884:24883(+)
endolysin (CDS_0024)
CDS_0025 CDS_0026
IMGVR_UViG_3300007186_000115|3300007186|Ga0103259_100280 13030:25768(+)
endolysin (CDS_0024)
22 23 25 26 27 35
IMGVR_UViG_2558860930_000002|2558860930|2558911255|3-41866 12060:30073(+)
endolysin (CDS_0024)
22 23 25 26 AbiD__AbiD (CDS_0028) 33
IMGVR_UViG_3300022590_000034|3300022590|Ga0242630_100062 12129:28686(+)
endolysin (CDS_0024)
minor tail protein (CDS_0017)
22 23 25 26 27 28 29
IMGVR_UViG_3300045988_068583|3300045988|Ga0495776_110404 8895:30556(+)
excisionase (CDS_0026)
endolysin (CDS_0024)
holin (CDS_0023)
22 25 27 28 29 30
abortive infection resistance protein (CDS_0032)
uvig_444860_ 12051:28523(+)
transcriptional regulator (CDS_0030)
endolysin (CDS_0025)
CDS_0024
CDS_0031
CDS_0023 CDS_0026 CDS_0032
uvig_576372 12289:26324(+)
CDS_0022
MGV-GENOME-0316177 9196:22835(+)
endolysin (CDS_0024) RelE-like toxin (CDS_0028)
25 26 27 transposase (CDS_0029) 35
IMGVR_UViG_3300007795_000156|3300007795|Ga0105644_100122|3-41196 13014:29070(+)
27 29
endolysin (CDS_0024) 25 26 28 30 31 32 33 34 35 36 37 38
uvig_577599 13018:35028(+)
27
endolysin (CDS_0024) 25 26 28 31 34
IMGVR_UViG_3300006259_000297|3300006259|Ga0099458_100248|171-42911 13035:29422(+)
CDS_0022
CDS_0027
uvig_190489 12301:22207(+)
CDS_0019
IMGVR_UViG_3300029855_000077|3300029855|Ga0245295_1000868 9075:21065(+)
RelE-like toxin (CDS_0028)
endolysin (CDS_0022)
Hpt (VF0264) (CDS_0026) 29
20 23 24 25 27 30
uvig_578819 12433:30895(+)
CDS_0025 CDS_0029 CDS_0032
IMGVR_UViG_3300009954_000080|3300009954|Ga0133740_10007 14261:26960(+)
8000 nt
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence