tail protein (CDS_0018)
terminase (CDS_0020)
endolysin (CDS_0022)
CDS_0017
tail protein (CDS_0019)
CDS_0021
MGV-GENOME-0117058 10470:16991(+)
endolysin (CDS_0001)
SAMEA2579972_a1_ct315_vs1 3:6524(-)
endolysin (CDS_0020)
MGV-GENOME-0111281 10038:16501(+)
endolysin (CDS_0003)
CDS_0002
IMGVR_UViG_3300008604_000015|3300008604|Ga0111094_100136 504:7474(-)
endolysin (CDS_0019)
SRS024347_a1_ct4225_vs1 9365:16335(+)
endolysin (CDS_0002)
CDS_0001
SRS149137_a1_ct532_vs1 3:6861(-)
endolysin (CDS_0003)
CDS_0001
CDS_0002
SAMN04999262_a1_ct3842_vs1 1:7259(-)
endolysin (CDS_0001)
SRS015799_a1_ct3285_vs1 2:5828(-)
endolysin (CDS_0006)
SRS149280_a1_ct10642 1048:8143(-)
endolysin (CDS_0023)
endolysin (CDS_0022)
24 25 26 27 28
IMGVR_UViG_3300028511_000013|3300028511|Ga0307827_1057 10737:18985(+)
CDS_0026
CDS_0025
CDS_0024
endolysin (CDS_0005)
CDS_0002
CDS_0003
CDS_0001
CDS_0023
SAMN05826800_a1_ct10619_vs1 1:8295(-), 17133:18795(-)
endolysin (CDS_0005)
CDS_0002
CDS_0003
CDS_0001
IMGVR_UViG_3300006291_000007|3300006291|Ga0099556_100010 269:7528(-)
24 25 26 27 28
SRS147334_a1_ct2886_vs1 11902:19358(+)
CDS_0002
CDS_0003
CDS_0004
CDS_0001
IMGVR_UViG_3300045988_044762|3300045988|Ga0495776_083533 417:7588(-)
CDS_0024
CDS_0023
CDS_0025
IMGVR_UViG_3300045988_067980|3300045988|Ga0495776_122883 11075:18178(+)
CDS_0002
endolysin (CDS_0006)
CDS_0003
CDS_0004
CDS_0001
SRS046686_a1_ct19510_vs1 334:7364(-)
CDS_0025
CDS_0024
CDS_0026
IMGVR_UViG_3300007937_000001|3300007937|Ga0114168_100034 11524:18327(+)
CDS_0004
CDS_0002
CDS_0003
CDS_0001
IMGVR_UViG_3300011982_000096|3300011982|Ga0119773_1000236 177:7346(-)
CDS_0023
CDS_0025
CDS_0022
CDS_0024
IMGVR_UViG_3300045988_074632|3300045988|Ga0495776_039547 10557:17788(+)
CDS_0022
CDS_0024
CDS_0023
CDS_0025
SRS143233_a1_ct3140_vs1 10778:18107(+)
CDS_0003
CDS_0004
CDS_0002
CDS_0001
MGV-GENOME-0138462 3:7802(-)
endolysin (CDS_0005)
CDS_0002
CDS_0003
CDS_0001
IMGVR_UViG_3300045988_043243|3300045988|Ga0495776_083196 146:7358(-)
CDS_0020
CDS_0022
CDS_0021
CDS_0023
MGV-GENOME-0104045 8425:15803(+)
CDS_0024
IMGVR_UViG_3300045988_050878|3300045988|Ga0495776_083384 11463:18574(+)
23 24 25 26 27
MGV-GENOME-0134332 11012:18654(+)
5 4 3 2 1
MGV-GENOME-0133904 3:7529(-)
5 4 3 2 1
IMGVR_UViG_7000000519_000071|7000000519|SRS018357_Baylor_scaffold_50773 367:8047(-)
5 4 3 2 1
IMGVR_UViG_3300045988_066792|3300045988|Ga0495776_083275 1:7611(-)
CDS_0002
CDS_0004
endolysin (CDS_0006)
CDS_0003
CDS_0001
MGV-GENOME-0134166 178:7542(-)
CDS_0003
CDS_0001
CDS_0004
CDS_0002
IMGVR_UViG_3300022495_000025|3300022495|Ga0242631_100176 147:7507(-)
24 25 26 27 28
IMGVR_UViG_3300008748_000050|3300008748|Ga0114085_100727 11571:19251(+)
22 23 24 25 26
IMGVR_UViG_3300007795_000029|3300007795|Ga0105644_100542 10479:17980(+)
5 4 3 2 1
MGV-GENOME-0136356 1:7611(-)
CDS_0025
CDS_0027
CDS_0026
CDS_0028
MGV-GENOME-0137578 11422:19007(+)
CDS_0023
CDS_0025
CDS_0024
CDS_0026
MGV-GENOME-0134126 11398:18634(+)
CDS_0004
CDS_0002
CDS_0003
CDS_0001
uvig_115552 2:7289(-)
CDS_0024
CDS_0026
CDS_0025
CDS_0027
SAMN01779886_a1_ct31171_vs1 11575:18953(+)
CDS_0003
CDS_0001
CDS_0004
CDS_0002
SAMN01779868_a1_ct10066_vs1 301:7507(-)
CDS_0022
CDS_0024
CDS_0023
CDS_0025
IMGVR_UViG_3300045988_042376|3300045988|Ga0495776_080484 10540:17799(+)
CDS_0025
CDS_0027
CDS_0024
CDS_0026
MGV-GENOME-0133603 11219:18408(+)
CDS_0025
CDS_0027
CDS_0026
CDS_0028
SRS047265_a1_ct5515_vs1 11420:18761(+)
CDS_0004
CDS_0002
CDS_0003
CDS_0001
uvig_317723 2:7340(-)
CDS_0026
CDS_0025
CDS_0027
IMGVR_UViG_3300006249_000029|3300006249|Ga0099390_1000701 11713:19089(+)
CDS_0003
CDS_0001
CDS_0004
CDS_0002
SRS016063_a1_ct1857_vs1 1:7750(-)
CDS_0026
CDS_0028
CDS_0025
CDS_0027
uvig_576780 11486:18867(+)
CDS_0026
CDS_0028
CDS_0025
CDS_0027
uvig_577739 11600:18981(+)
CDS_0001
SAMN05827222_a1_ct9038_vs1 84:7195(-)
CDS_0022
SAMN05827149_a1_ct3934_vs1 10761:17226(+)
CDS_0023
CDS_0025
CDS_0022
CDS_0024
IMGVR_UViG_3300008618_000015|3300008618|Ga0111234_100137 10726:18278(+)
25 26 27 28 29
1 2 3
DNA polymerase (CDS_0006)
7 8
NC_042114.1 11767:4851(+)
anti-CRISPR-Cas (AcrIIA31) (CDS_0001)
24 25 26 27 28
2
MGV-GENOME-0136149 11205:4201(+)
anti-CRISPR-Cas (AcrIIA31) (CDS_0002)
25 26 27 28
29 1
3
IMGVR_UViG_3300008729_000012|3300008729|Ga0113885_100251 11423:4554(+)
23 24 25 26
1
IMGVR_UViG_3300019472_000027|3300019472|Ga0197717_10015 11239:4243(+)
CDS_0001
CDS_0025
CDS_0026
CDS_0002
IMGVR_UViG_3300007531_000069|3300007531|Ga0105502_1001163 11716:4844(+)
24 25 26 27
1 2
IMGVR_UViG_3300008483_000026|3300008483|Ga0105906_1000428 11770:4737(+)
DNA polymerase (CDS_0005)
24 25 26 27
1 2
DNA polymerase (CDS_0006)
9
KJ617393.1 11587:5165(+)
25 26 27 28 29
IMGVR_UViG_3300007525_000017|3300007525|Ga0105482_1000251 11407:20409(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
lysis
tail
unknown function
Anti-defence