Retron_VI__HTH (CDS_0032)
metallo-protease (CDS_0031)
CDS_0030
CDS_0033
CDS_0034
CDS_0035
CDS_0036
CDS_0037
CDS_0038
CDS_0039
Holliday junction resolvase (CDS_0040)
IMGVR_UViG_3300023718_000197|3300023718|Ga0257036_10001|765780-796643 22324:27534(+)
CDS_0031
uvig_233776 21370:26115(+)
CDS_0045
IMGVR_UViG_3300029364_000232|3300029364|Ga0243886_1000033|31-38869 30310:35520(+)
CDS_0035
uvig_328815 23906:28074(+)
CDS_0033
uvig_466818 22406:26308(+)
CDS_0040 CDS_0041
uvig_150252 25924:30744(+)
CDS_0034 CDS_0035
uvig_380393 26789:31244(+)
CDS_0032
uvig_192677 23041:27415(+)
CDS_0033 CDS_0034
IMGVR_UViG_3300014804_000079|3300014804|Ga0134371_1000518 24992:28839(+)
CDS_0036
CDS_0040
uvig_142764 23856:28572(+)
CDS_0032
CDS_0037
IMGVR_UViG_3300045988_078245|3300045988|Ga0495776_010954 21617:26507(+)
CDS_0044
CDS_0038
CDS_0043
CDS_0045
CDS_0046
uvig_312345 23810:31881(+)
anti-CRISPR-Cas (AcrIIA22) (CDS_0028)
anti-CRISPR-Cas (AcrIIA1) (CDS_0031)
CDS_0033
CDS_0035
CDS_0029
CDS_0034
CDS_0036
uvig_402193 21655:27842(+)
ThiF family (CDS_0026)
CDS_0027
PD-Lambda-1__PD-Lambda-1 (CDS_0030)
CDS_0033
CDS_0025
CDS_0028
CDS_0029
CDS_0032
CDS_0034
CDS_0038
IMGVR_UViG_3300029118_000211|3300029118|Ga0168844_100005|8222-44241 19532:29876(+)
PD-Lambda-1__PD-Lambda-1 (CDS_0030)
ThiF family (CDS_0025)
CDS_0029
CDS_0026
CDS_0028
CDS_0032
CDS_0033
uvig_132311 19275:28360(+)
CDS_0021
CDS_0023
CDS_0029 CDS_0030
IMGVR_UViG_3300029381_000492|3300029381|Ga0243902_1000001|687285-718749 17758:25162(+)
CDS_0033 CDS_0034
IMGVR_UViG_3300029382_000640|3300029382|Ga0243901_1000094|123-34790 20318:28193(+)
CDS_0035
CDS_0028
CDS_0034
IMGVR_UViG_3300029857_000383|3300029857|Ga0245297_1000004|75552-110337 20398:28899(+)
CDS_0034
CDS_0033
IMGVR_UViG_3300008496_000023|3300008496|Ga0115078_100588 20398:28614(+)
CDS_0033
CDS_0032
IMGVR_UViG_3300029445_000426|3300029445|Ga0243741_1000167|113-32983 20553:26984(+)
CDS_0034
CDS_0033
IMGVR_UViG_3300023493_000289|3300023493|Ga0257031_100022|40199-72215 20311:29013(+)
CDS_0035
CDS_0034
uvig_115272 21110:28621(+)
CDS_0041
CDS_0040
uvig_281638 31160:35213(+)
CDS_0027
CDS_0018
CDS_0019
CDS_0026
uvig_25219 15295:26006(+)
CDS_0027
CDS_0019
CDS_0026
IMGVR_UViG_3300029722_000146|3300029722|Ga0245188_100002|3-31085 15139:25196(+)
anti-CRISPR-Cas (AcrIIA1) (CDS_0028)
HicB-like antitoxin (CDS_0024)
holin (CDS_0021)
CDS_0030
CDS_0022
CDS_0023
CDS_0025
CDS_0029
IMGVR_UViG_3300029684_000282|3300029684|Ga0245194_100005|109153-140226 17766:24594(+)
CDS_0032
CDS_0031
IMGVR_UViG_3300029435_000360|3300029435|Ga0243745_1000001|96374-128534 18261:26274(+)
4000 nt
DNA, RNA and nucleotide metabolism
lysis
moron, auxiliary metabolic gene and host takeover
other
unknown function
Defence
Anti-defence