AbiD__AbiD (CDS_0042)
holin (CDS_0038)
CDS_0037
transcriptional regulator (CDS_0040)
CDS_0036
endolysin (CDS_0039)
integrase (CDS_0041)
CDS_0044
CDS_0043
CDS_0047
CDS_0046
CDS_0048
CDS_0050
CDS_0045
CDS_0049
IMGVR_UViG_3300008153_000176|3300008153|Ga0114320_1000193 23191:32333(+)
AbiD__AbiD (CDS_0042)
CDS_0044
CDS_0043
CDS_0048
IMGVR_UViG_3300045988_096294|3300045988|Ga0495776_175019 24342:32221(+)
CDS_0040
CDS_0041
IMGVR_UViG_3300028518_000038|3300028518|Ga0307861_1024 23538:31066(+)
CDS_0043
CDS_0044
CDS_0047
IMGVR_UViG_3300008747_000114|3300008747|Ga0115677_100386 23703:32363(+)
transcriptional regulator (CDS_0041)
CDS_0036
CDS_0042
CDS_0043
IMGVR_UViG_3300008141_000171|3300008141|Ga0114170_100119|121-32166 23456:30706(+)
CDS_0041
CDS_0043
CDS_0039
CDS_0042
IMGVR_UViG_3300045988_112759|3300045988|Ga0495776_038143 23969:31166(+)
CDS_0040
CDS_0042
CDS_0041
IMGVR_UViG_3300045988_101779|3300045988|Ga0495776_078890 23382:30771(+)
CDS_0042
CDS_0044
CDS_0040
CDS_0043
uvig_433352 24007:32326(+)
CDS_0038
CDS_0040
CDS_0039
SAMEA2738151_b1_ct4 23468:31363(+)
CDS_0041
CDS_0042
CDS_0043
IMGVR_UViG_3300008090_000028|3300008090|Ga0114309_100343 22682:31058(+)
CDS_0041
CDS_0042
CDS_0043
IMGVR_UViG_3300008524_000167|3300008524|Ga0111046_100222|3240-35942 23525:31363(+)
CDS_0040
CDS_0042
CDS_0043
CDS_0044
uvig_212669 23696:33310(+)
CDS_0041
CDS_0042
CDS_0043
MGV-GENOME-0235677 23696:31965(+)
CDS_0047
CDS_0045
CDS_0046
CDS_0049
IMGVR_UViG_3300007728_000002|3300007728|Ga0105754_1000096 23975:32551(+)
CDS_0040
CDS_0041
CDS_0042
IMGVR_UViG_3300028519_000055|3300028519|Ga0307828_1037 23865:32058(+)
AbiD__AbiD (CDS_0041)
CDS_0043
CDS_0042
MGV-GENOME-0233344 23948:32637(+)
AbiD__AbiD (CDS_0040)
CDS_0042
CDS_0039
CDS_0041
CDS_0048
IMGVR_UViG_3300014896_000029|3300014896|Ga0169775_10006|31518-63900 23700:31043(+)
CDS_0044
CDS_0045
CDS_0046
IMGVR_UViG_3300007795_000088|3300007795|Ga0105644_100212 23920:33164(+)
CDS_0040
CDS_0041
SRS022464_a1_ct45793_vs01 23700:32510(+)
CDS_0041
CDS_0042
CDS_0044
MGV-GENOME-0228222 23624:31098(+)
DNA binding protein (CDS_0045)
anti-repressor (CDS_0047)
CDS_0041
CDS_0042
CDS_0046
IMGVR_UViG_7000000159_000109|7000000159|SRS063288_LANL_scaffold_40191 24293:33284(+)
CDS_0041
CDS_0042
IMGVR_UViG_3300007079_000173|3300007079|Ga0104033_100170|789-35714 24293:33059(+)
CDS_0043
CDS_0044
CDS_0048
CDS_0049
SRS016858_a1_ct8411 24159:33697(+)
CDS_0040
CDS_0038
CDS_0039
CDS_0041
SRS144512_a1_ct33338_vs01 22815:28658(+)
CDS_0036
CDS_0037
CDS_0035
CDS_0038
uvig_370292 22246:27570(+)
CDS_0021
CDS_0023
CDS_0026
IMGVR_UViG_3300008537_000266|3300008537|Ga0111051_100249|13916-48324 15726:23627(+)
CDS_0021
CDS_0022
OTU_3796 15656:22481(+)
CDS_0020
uvig_375852 15481:22129(+)
phosphofructokinase (CDS_0022)
DNA polymerase (CDS_0021)
23
24
25
uvig_539618 15765:29290(+)
ribosomal protein S21 (CDS_0023)
RpoS (VF0166) (CDS_0026)
21
22
24
DNA primase (CDS_0025)
27
28
29
SAMEA2579957_a1_ct3664_vs1 15129:29677(+)
CDS_0021
CDS_0023
TemPhD_cluster_62820_ 15043:20835(+)
CDS_0021
CDS_0020
CDS_0022
IMGVR_UViG_2826239012_000002|2826239012|2826239027|3862-35693 14822:19317(+)
CDS_0021
CDS_0023
IMGVR_UViG_3300008099_000149|3300008099|Ga0114261_100057|29112-65078 15784:22552(+)
CDS_0020
CDS_0026
uvig_460195 14761:22040(+)
CDS_0020
uvig_446361 14988:22739(+)
CDS_0020
DNA polymerase (CDS_0021)
uvig_381171 15490:24585(+)
CDS_0020
integrase (CDS_0021)
IMGVR_UViG_3300008503_000024|3300008503|Ga0111013_100152 15563:24129(+)
CDS_0022
CDS_0020
DNA polymerase (CDS_0021)
CDS_0023
uvig_376205 15306:27696(+)
CDS_0041
CDS_0040
CDS_0042
IMGVR_UViG_2826219498_000003|2826219498|2826219606|282-35521 24742:33723(+)
DNA polymerase (CDS_0021)
CDS_0022
CDS_0020
CDS_0023
IMGVR_UViG_3300008333_000088|3300008333|Ga0115302_100289 15629:26427(+)
CDS_0020
DNA polymerase (CDS_0021)
IMGVR_UViG_3300007339_000022|3300007339|Ga0104971_100154 14929:23735(+)
CDS_0021
CDS_0020
CDS_0022
IMGVR_UViG_3300045988_077566|3300045988|Ga0495776_175040 15625:24450(+)
DNA polymerase (CDS_0038)
RpoS (VF0166) (CDS_0041)
37
39
DNA primase (CDS_0040)
42
43
44
IMGVR_UViG_3300008141_000102|3300008141|Ga0114170_100093 24673:39983(+)
CDS_0037
CDS_0038
IMGVR_UViG_3300045988_113594|3300045988|Ga0495776_153472 23539:32618(+)
CDS_0020
MGV-GENOME-0225692 15454:22657(+)
CDS_0020
CDS_0021
IMGVR_UViG_3300007979_000021|3300007979|Ga0114002_100396 15560:23922(+)
CDS_0022
SRS143088_a1_ct20399_vs01 15805:23212(+)
DNA polymerase (CDS_0021)
phosphofructokinase (CDS_0023)
DNA polymerase (CDS_0020)
DNA polymerase (CDS_0022)
IMGVR_UViG_3300045988_120215|3300045988|Ga0495776_021101 15588:26285(+)
CDS_0021
SRS045127_a1_ct15364_vs1 15859:22041(+)
CDS_0022
IMGVR_UViG_3300045988_065540|3300045988|Ga0495776_079119 15655:22613(+)
CDS_0020
CDS_0021
CDS_0023
IMGVR_UViG_3300007566_000361|3300007566|Ga0104970_1000146|340-33583 14950:22887(+)
CDS_0022
CDS_0028
DnaB-like replicative helicase (CDS_0029)
TemPhD_cluster_62869_ 15702:23950(+)
CDS_0021
MGV-GENOME-0217844 15859:23421(+)
anti-CRISPR-Cas (AcrIIA5) (CDS_0020)
CDS_0021
SAMEA2738046_b1_ct2 15637:22853(+)
CDS_0021
CDS_0022
CDS_0020
CDS_0023
SRS020334_a1_ct9181 15373:23872(+)
CDS_0021
CDS_0022
CDS_0020
CDS_0023
MGV-GENOME-0231572 15446:23964(+)
RpoS (VF0166) (CDS_0025)
20
21
22
23
24
26
27
28
SRS148676_a1_ct6293_vs1 15547:28165(+)
integrase (CDS_0023)
integrase (CDS_0022)
20
21
24
IMGVR_UViG_3300007167_000024|3300007167|Ga0102715_1000100 15432:23843(+)
integrase (CDS_0021)
integrase (CDS_0020)
CDS_0022
IMGVR_UViG_3300007220_000008|3300007220|Ga0104054_100714 15521:22281(+)
integrase (CDS_0023)
integrase (CDS_0022)
20
DNA polymerase (CDS_0021)
24
IMGVR_UViG_3300008274_000023|3300008274|Ga0114252_100144 15432:24905(+)
CDS_0037
anti-repressor Ant (CDS_0043)
SRS143022_a1_ct13378_vs1 22780:30397(+)
CDS_0039
anti-repressor Ant (CDS_0040)
SAMEA5803487_a1_ct995_vs1 23474:30577(+)
phosphofructokinase (CDS_0022)
DNA polymerase (CDS_0021)
CDS_0023
PD-T7-4__PD-T7-4 (CDS_0029)
IMGVR_UViG_3300014507_000014|3300014507|Ga0169743_10059|49448-85720 15594:28002(+)
CDS_0022
MGV-GENOME-4409497 16548:21817(+)
holin (CDS_0017)
13
tail protein (CDS_0014)
holin (CDS_0018)
20
21
22
23
24
IMGVR_UViG_3300008362_000182|3300008362|Ga0115107_100057|38039-74594 10646:25487(+)
transcriptional repressor (CDS_0040)
Retron_VI__HTH (CDS_0043)
Retron_VI__HTH (CDS_0044)
AbiD__AbiD (CDS_0039)
41
42
45
anti-repressor (CDS_0046)
IMGVR_UViG_3300007724_000161|3300007724|Ga0105680_100354 23006:32451(+)
6000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence
Anti-defence