internal virion protein with endolysin domain (CDS_0053)
HTH DNA binding protein (CDS_0046)
DNA methyltransferase (CDS_0048)
Rz-like spanin (CDS_0054)
host nuclease inhibitor (CDS_0039)
transcriptional regulator (CDS_0045)
holin (CDS_0052)
lipoprotein (CDS_0055)
transposase (CDS_0042)
IMGVR_UVIG_2562617057_000005|2562617057|2562623062|1118787-1157999 27814:38666(+)
HTH DNA binding protein (CDS_0042)
transcriptional regulator (CDS_0041)
DNA methyltransferase (CDS_0044)
IMGVR_UVIG_2907888185_000001|2907888185|2907888185|237339-274650 25910:36765(+)
HTH DNA binding protein (CDS_0040)
transcriptional regulator (CDS_0039)
IMGVR_UVIG_2537561878_000005|2537561878|2537605312|31600-66206 23152:34066(+)
HTH DNA binding protein (CDS_0043)
transcriptional regulator (CDS_0042)
IMGVR_UVIG_2744054963_000005|2744054963|2744106248|54309-90655 24907:35806(+)
HTH DNA binding protein (CDS_0040)
transcriptional regulator (CDS_0039)
IMGVR_UVIG_2648501873_000006|2648501873|2648575230|1-34679 22921:34138(+)
HTH DNA binding protein (CDS_0041)
transcriptional regulator (CDS_0040)
holin (CDS_0047)
terminase small subunit (CDS_0052)
IMGVR_UVIG_2609460346_000008|2609460346|2609566088|205555-241422 24108:35866(+)
HTH DNA binding protein (CDS_0043)
transcriptional regulator (CDS_0042)
IMGVR_UVIG_651053022_000003|651053022|651053098|983444-1021347 26146:37902(+)
HTH DNA binding protein (CDS_0040)
transcriptional regulator (CDS_0039)
DNA methyltransferase (CDS_0042)
IMGVR_UVIG_2737471835_000008|2737471835|2737498177|1-33668 21620:33127(+)
HTH DNA binding protein (CDS_0046)
transcriptional regulator (CDS_0045)
IMGVR_UVIG_2609460332_000005|2609460332|2609564124|37249-75588 26252:37737(+)
HTH DNA binding protein (CDS_0044)
transcriptional regulator (CDS_0043)
transposase (CDS_0050)
DNA methyltransferase (CDS_0046)
transposase (CDS_0052)
transposase (CDS_0051)
IMGVR_UVIG_2558309052_000002|2558309052|2558315279|1000847-1041742 26585:40355(+)
HTH DNA binding protein (CDS_0048)
transcriptional regulator (CDS_0047)
IMGVR_UVIG_2541047802_000015|2541047802|2541173147|176376-213960 26014:37044(+)
HTH DNA binding protein (CDS_0047)
transcriptional regulator (CDS_0046)
DNA methyltransferase (CDS_0049)
IMGVR_UVIG_2778261204_000006|2778261204|2778290253|128039-166083 26302:37504(+)
HTH DNA binding protein (CDS_0042)
transcriptional regulator (CDS_0041)
DNA methyltransferase (CDS_0044)
IMGVR_UVIG_2734482779_000009|2734482779|2734685352|71404-105782 22643:33832(+)
HTH DNA binding protein (CDS_0041)
transcriptional regulator (CDS_0040)
IMGVR_UVIG_2778261565_000017|2778261565|2778323469|60871-95403 23053:33986(+)
transcriptional regulator (CDS_0046)
IMGVR_UVIG_2778261089_000004|2778261089|2778277938|93860-133003 27170:38603(+)
transcriptional regulator (CDS_0042)
IMGVR_UVIG_2734482772_000010|2734482772|2734684211|1-34584 22693:34043(+)
transcriptional regulator (CDS_0043)
transcriptional regulator (CDS_0044)
nucleoid associated protein (CDS_0045)
host nuclease inhibitor (CDS_0038)
DNA methyltransferase (CDS_0047)
uvig_579609 25657:37588(+)
transcriptional regulator (CDS_0037)
nucleoid associated protein (CDS_0040)
IMGVR_UVIG_2563366935_000010|2563366935|2563397585|3-36461 24256:35918(+)
transcriptional regulator (CDS_0041)
IMGVR_UVIG_2724679172_000015|2724679172|2724714420|321166-357578 23617:35866(+)
transcriptional regulator (CDS_0040) DNA methyltransferase (CDS_0044)
IMGVR_UVIG_2778261227_000005|2778261227|2778292169 28861:40799(+)
transcriptional regulator (CDS_0043) DNA methyltransferase (CDS_0047)
ivig_1427 30945:43480(+)
transcriptional regulator (CDS_0037)
IMGVR_UVIG_2541047871_000001|2541047871|2541176107|3-34458 21649:33915(+)
transcriptional regulator (CDS_0041)
IMGVR_UVIG_2905391758_000015|2905391758|2905391842|11020-46052 23126:34492(+)
HTH DNA binding protein (CDS_0044)
transcriptional regulator (CDS_0043)
IMGVR_UVIG_2728369593_000021|2728369593|2728460469|1919-38287 24756:35476(+)
HTH DNA binding protein (CDS_0038)
transcriptional regulator (CDS_0037)
IMGVR_UVIG_2667527584_000007|2667527584|2667542643|280830-314404 22315:33034(+)
HTH DNA binding protein (CDS_0047)
transcriptional regulator (CDS_0046)
holin (CDS_0052)
IMGVR_UVIG_3300045988_126491|3300045988|Ga0495776_072196 29060:40318(+)
HTH DNA binding protein (CDS_0043)
transposase (CDS_0046)
transcriptional regulator (CDS_0042)
transposase (CDS_0047)
IMGVR_UVIG_2531839666_000019|2531839666|2531928743|624181-662713 24937:37111(+)
HTH DNA binding protein (CDS_0040)
transcriptional regulator (CDS_0039)
IMGVR_UVIG_2563366980_000013|2563366980|2563400413|1-34548 22637:34007(+)
HTH DNA binding protein (CDS_0046)
transcriptional regulator (CDS_0045)
transposase (CDS_0043)
endolysin (CDS_0053)
endolysin (CDS_0052)
IMGVR_UVIG_2751185969_000016|2751185969|2751265705|16228-53712 25958:37483(+)
nucleoid associated protein (CDS_0046)
CDS_0044
CDS_0045
holin (CDS_0047)
IMGVR_UVIG_2744055124_000004|2744055124|2744118731|142665-177811 26744:35145(+)
CDS_0042
CDS_0043
nucleoid associated protein (CDS_0044)
IMGVR_UVIG_2751185357_000003|2751185357|2751194412|151992-185722 24932:33190(+)
transposase (CDS_0042)
nucleoid associated protein (CDS_0045)
IMGVR_UVIG_2747842735_000003|2747842735|2747863242|2-33386 24723:32844(+)
nucleoid associated protein (CDS_0045)
CDS_0043
endolysin (CDS_0047)
CDS_0044
CDS_0048
IMGVR_UVIG_637000254_000004|637000254|637000123|1538899-1572919 25910:34019(+)
nucleoside triphosphate pyrophosphohydrolase (CDS_0033)
unknown function (CDS_0032)
transcriptional regulator (CDS_0040)
IMGVR_UVIG_2906134359_000002|2906134359|2906134359|3964357-3999169 22407:34272(+)
transcriptional regulator (CDS_0041)
IMGVR_UVIG_2841640639_000008|2841640639|2841640639|4175241-4209405 22984:33624(+)
transcriptional regulator (CDS_0041)
IMGVR_UVIG_2924907901_000006|2924907901|2924907901|4575799-4612275 23954:35936(+)
transcriptional regulator (CDS_0036)
DNA methyltransferase (CDS_0040)
uvig_317310 22385:34346(+)
transcriptional regulator (CDS_0039)
IMGVR_UVIG_2851684826_000001|2851684826|2851684826|351369-386263 22497:34354(+)
transcriptional regulator (CDS_0038)
DNA methyltransferase (CDS_0042)
IMGVR_UVIG_3300016738_000012|3300016738|Ga0183096_1000775 22326:34356(+)
transcriptional regulator (CDS_0034)
transcriptional regulator (CDS_0036)
nucleoid associated protein (CDS_0037)
DNA methyltransferase (CDS_0039)
uvig_198969 19646:32316(+)
HTH DNA binding protein (CDS_0042)
transcriptional regulator (CDS_0041)
IMGVR_UVIG_2806310904_000007|2806310904|2806369141|4337817-4373150 22876:34793(+)
HTH DNA binding protein (CDS_0042)
transcriptional regulator (CDS_0041)
IMGVR_UVIG_2713896776_000008|2713896776|2713906175|125362-160695 22867:34793(+)
HTH DNA binding protein (CDS_0041)
transcriptional regulator (CDS_0040)
IMGVR_UVIG_3300043957_000148|3300043957|Ga0455777_00098|35032-71412 23752:35840(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function