transcriptional repressor (CDS_0041)
cell division inhibitor (CDS_0045)
CII-like regulator (CDS_0044)
excisionase (CDS_0043)
CDS_0034
CDS_0036
integrase (CDS_0040)
CDS_0047
CDS_0033
CDS_0035
CDS_0037
CDS_0038
CDS_0039
CDS_0042
CDS_0046
CDS_0048
IMGVR_UViG_2519103024_000004|2519103024|2519106324|3496353-3532383 26384:35181(+)
CDS_0046
CDS_0045
CDS_0047
CDS_0048
IMGVR_UViG_2872698443_000002|2872698443|2872698443|1077727-1112956 31219:35230(+)
transcriptional repressor (CDS_0041)
cell division inhibitor (CDS_0044)
CDS_0040
CDS_0042
DNA methyltransferase (CDS_0048)
IMGVR_UViG_2675903536_000018|2675903536|2675986628|17005-54641 32556:37635(+)
cell division inhibitor (CDS_0043)
CDS_0044
IMGVR_UViG_2684623059_000004|2684623059|2684693108|2942749-2980056 31963:37306(+)
transcriptional regulator (CDS_0035)
cell division inhibitor (CDS_0041)
nicking at origin of replication (CDS_0001)
TemPhD_cluster_33537 29170:2415(+)
cell division inhibitor (CDS_0046)
CDS_0042
CDS_0047
IMGVR_UViG_2513237200_000009|2513237200|2513260638|4089112-4128373 32750:39260(+)
cell division inhibitor (CDS_0042)
CDS_0043
IMGVR_UViG_2740892426_000005|2740892426|2740983669|268265-306271 32960:38005(+)
cell division inhibitor (CDS_0042)
IMGVR_UViG_2585427740_000002|2585427740|2585455222|176497-212502 31242:36004(+)
CDS_0045
CDS_0046
IMGVR_UViG_2690315922_000016|2690315922|2690322283|106428-142260 30487:35831(+)
cell division inhibitor (CDS_0044)
CDS_0045
TemPhD_cluster_62686_ 28471:2415(+)
CDS_0041
CDS_0042
TemPhD_cluster_43601 29262:2415(+)
PD-Lambda-1__PD-Lambda-1 (CDS_0034)
CDS_0038
CDS_0039
TemPhD_cluster_51396 28010:2415(+)
CDS_0042
CDS_0037
CDS_0043
CDS_0044
IMGVR_UViG_2563366871_000003|2563366871|2563394493|479366-517303 30827:37936(+)
CDS_0042
CDS_0043
CDS_0044
IMGVR_UViG_2563366882_000002|2563366882|2563394945|105652-142158 30657:36505(+)
CDS_0042
CDS_0037
CDS_0043
CDS_0044
TemPhD_cluster_51340 27857:2415(+)
cell division inhibitor (CDS_0040)
CDS_0041
CDS_0042
TemPhD_cluster_62717_ 26284:2415(+)
CDS_0041
CDS_0042
CDS_0043
CDS_0047
CDS_0002
TemPhD_cluster_62250 28139:2757(+)
CDS_0039
CDS_0032
CDS_0033
CDS_0040
CDS_0041
RNA-binding protein (CDS_0045)
TemPhD_cluster_51568 26483:2415(+)
CDS_0046
IMGVR_UViG_2734482790_000003|2734482790|2734686345|149442-187563 33325:38120(+)
CDS_0043
CDS_0045
IMGVR_UViG_2721755724_000003|2721755724|2721801354|2903436-2940310 30595:36873(+)
CDS_0043
IMGVR_UViG_2645728012_000001|2645728012|2645775849|651138-685128 30393:33989(+)
cell division inhibitor (CDS_0043)
CDS_0038
CDS_0039
CDS_0040
CDS_0044
IMGVR_UViG_2563366981_000002|2563366981|2563400456|83618-120869 30219:37250(+)
CDS_0038
cell division inhibitor (CDS_0043)
IMGVR_UViG_2639762884_000004|2639762884|2639806303|30655-67428 29769:36772(+)
CDS_0040
CDS_0041
CDS_0046
CDS_0047
IMGVR_UViG_2547132255_000003|2547132255|2547204460|155185-193116 34212:37930(+)
CDS_0041
CDS_0037
CDS_0042
CDS_0043
IMGVR_UViG_2695420793_000017|2695420793|2695481796|93923-130100 29305:36176(+)
RNA-binding protein (CDS_0048)
cell division inhibitor (CDS_0044)
SAMN11031453_a1_ct25122_vs1 35576:38798(+)
RNA-binding protein (CDS_0044)
IMGVR_UViG_2565956728_000009|2565956728|2565986850|609430-645878 33225:36447(+)
RNA-binding protein (CDS_0049)
transposase (CDS_0050)
IMGVR_UViG_643348545_000015|643348545|643348624|3015037-3052801 33764:37763(+)
RNA-binding protein (CDS_0044)
IMGVR_UViG_2687453408_000006|2687453408|2687454022|3495181-3531099 32702:35917(+)
CDS_0037
RNA-binding protein (CDS_0041)
IMGVR_UViG_2802429237_000004|2802429237|2802450927|44293-76598 28805:32304(+)
cell division inhibitor (CDS_0046)
RNA-binding protein (CDS_0050)
uvig_255165 35707:38671(+)
RNA-binding protein (CDS_0046)
uvig_287309 30889:34104(+)
CDS_0043
IMGVR_UViG_2713896907_000008|2713896907|2713927257|208155-241979 30622:33823(+)
RNA-binding protein (CDS_0046)
IMGVR_UViG_2703718873_000026|2703718873|2703746423|30419-66558 33441:36138(+)
RNA-binding protein (CDS_0044)
IMGVR_UViG_3300029661_000062|3300029661|Ga0245258_100705 29170:32135(+)
phosphoadenosine phosphosulfate reductase (CDS_0045)
IMGVR_UViG_2802429245_000007|2802429245|2802451540|81406-118911 34108:37504(+)
queuine tRNA-ribosyltransferase (CDS_0047)
CDS_0048
IMGVR_UViG_2778261009_000009|2778261009|2778270146|94332-129584 31139:35251(+)
queuine tRNA-ribosyltransferase (CDS_0043)
IMGVR_UViG_2778261528_000003|2778261528|2778320177|34114-67391 30051:33276(+)
excisionase (CDS_0041)
IMGVR_UViG_2526164667_000036|2526164667|2526183236|6945-46490 35098:39544(+)
RecA filament binding protein DinI (CDS_0003)
Retron_I_C__RT_1_C1 (CDS_0005)
RNA-binding protein (CDS_0044)
CDS_0004
portal protein (CDS_0006)
TemPhD_cluster_62787_ 30483:6992(+)
RNA-binding protein (CDS_0044)
CDS_0005
CDS_0006
TemPhD_cluster_62713_ 30573:6162(+)
RNA-binding protein (CDS_0044)
TemPhD_cluster_51317 32226:3000(+)
queuine tRNA-ribosyltransferase (CDS_0044)
RNA-binding protein (CDS_0042)
PD-T4-7__PD-T4-7 (CDS_0004)
TemPhD_cluster_20646 30353:7671(+)
RNA-binding protein (CDS_0045)
CDS_0002
CDS_0004
CDS_0006
TemPhD_cluster_51087 33302:7618(+)
RNA-binding protein (CDS_0044)
terminase large subunit (CDS_0007)
TemPhD_cluster_43362 33304:9386(+)
CDS_0051
IMGVR_UViG_2526164668_000029|2526164668|2526183294|70351-108563 35288:38211(+)
CDS_0049
IMGVR_UViG_2529292835_000026|2529292835|2529353140|24047-60895 33624:36847(+)
DNA methyltransferase (CDS_0049)
IMGVR_UViG_2534681604_000010|2534681604|2534683740|24664-61983 34402:37318(+)
CDS_0049
IMGVR_UViG_2579778702_000007|2579778702|2579804468|572162-610919 35555:38756(+)
CDS_0051
IMGVR_UViG_2534682091_000016|2534682091|2534783925|28681-68821 37216:40139(+)
CDS_0048
phosphoadenosine phosphosulfate reductase (CDS_0049)
IMGVR_UViG_2778261510_000014|2778261510|2778316824|31423-76115 40770:44691(+)
CDS_0052
IMGVR_UViG_2529292721_000014|2529292721|2529330397|25327-67014 38463:41686(+)
DNA methyltransferase (CDS_0043)
queuine tRNA-ribosyltransferase (CDS_0044)
uvig_579284 29223:32702(+)
CDS_0043
IMGVR_UViG_2531839146_000014|2531839146|2531866088|196824-229631 30154:32806(+)
RNA-binding protein (CDS_0045)
CDS_0046
IMGVR_UViG_2648501497_000001|2648501497|2648533294|720245-757030 33845:36784(+)
DNA methyltransferase (CDS_0046)
phosphoadenosine phosphosulfate reductase (CDS_0047)
IMGVR_UViG_2534682108_000009|2534682108|2534786245|14679-50910 32580:36230(+)
CDS_0049
CDS_0050
IMGVR_UViG_2718218309_000005|2718218309|2718228987|3076456-3113818 33577:37362(+)
CDS_0048
queuine tRNA-ribosyltransferase (CDS_0049)
IMGVR_UViG_2526164597_000009|2526164597|2526179967|42100-80044 34462:37943(+)
CDS_0044
IMGVR_UViG_2912071112_000004|2912071112|2912071112|3102262-3138484 33575:36221(+)
RNA-binding protein (CDS_0050)
DNA methyltransferase (CDS_0051)
uvig_471301 35720:38921(+)
CDS_0042
IMGVR_UViG_2698536341_000022|2698536341|2698540947|30512-63581 30152:33068(+)
CDS_0048
IMGVR_UViG_2684622669_000016|2684622669|2684638213|35497-73582 34379:38084(+)
cell division inhibitor (CDS_0042)
TemPhD_cluster_51559 26128:2756(+)
cell division inhibitor (CDS_0040)
Retron_I_B__ATPase_TOPRIM_COG3593 (CDS_0036)
CDS_0041
TemPhD_cluster_37463_ 27311:2756(+)
cell division inhibitor (CDS_0041)
TemPhD_cluster_37726_ 28428:2757(+)
cell division inhibitor (CDS_0040)
CDS_0034
CDS_0041
TemPhD_cluster_51612 28110:2756(+)
Old_exonuclease__Old_exonuclease (CDS_0039)
CDS_0045
IMGVR_UViG_2695420478_000012|2695420478|2695436515|25470-62002 29914:35683(+)
CDS_0041
SAMN00993240_a1_ct13720 26405:32558(+)
CDS_0044
IMGVR_UViG_2703718801_000025|2703718801|2703739163|141037-177877 30758:35991(+)
CDS_0045
IMGVR_UViG_651053021_000004|651053021|651053125|2734926-2769189 30835:34262(+)
excisionase (CDS_0045)
uvig_112986 33551:37161(+)
RNA-binding protein (CDS_0046)
IMGVR_UViG_2660237933_000001|2660237933|2660240264|23816-58543 31004:34726(+)
CDS_0047
CDS_0048
IMGVR_UViG_2562617133_000015|2562617133|2562629070|24056-65742 36690:41685(+)
cell division inhibitor (CDS_0044)
CDS_0045
IMGVR_UViG_2534681657_000021|2534681657|2534690108|24533-64021 34492:39487(+)
DNA ligase (CDS_0036)
CDS_0037
CDS_0039
cell division inhibitor (CDS_0044)
CDS_0045
IMGVR_UViG_3300011584_000017|3300011584|Ga0122290_100002|23383-59231 28124:35847(+)
CDS_0037
cell division inhibitor (CDS_0042)
TemPhD_cluster_20616 28913:2415(+)
CDS_0051
CDS_0050
DNA methyltransferase (CDS_0053)
IMGVR_UViG_2778261217_000006|2778261217|2778291117|23376-63308 36017:39931(+)
5000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence