tail protein (CDS_0035)
head closure (CDS_0036)
tail length tape measure protein (CDS_0034)
CDS_0032
CDS_0033
CDS_0037
CDS_0038
baseplate wedge subunit (CDS_0041)
baseplate assembly protein (CDS_0042)
CDS_0039
CDS_0040
CDS_0043
IMGVR_UViG_3300013482_000011|3300013482|Ga0122080_10028|19399-57912 19768:32592(+)
CDS_0033
IMGVR_UViG_2663763484_000008|2663763484|2663864539|20050-55721 17258:29735(+)
CDS_0033
tail collar fiber protein (CDS_0034)
IMGVR_UViG_3300011536_000001|3300011536|Ga0120901_10076 17974:30881(+)
tail protein (CDS_0028)
CDS_0031
tail collar fiber protein (CDS_0032)
IMGVR_UViG_2565956907_000001|2565956907|2566014118 19864:32827(+)
CDS_0033
TemPhD_cluster_61875 19224:31327(+)
CDS_0026
IMGVR_UViG_2785510767_000002|2785510767|2785512818|1206508-1242104 17117:29897(+)
CDS_0035
TemPhD_cluster_61950 18260:31100(+)
CDS_0034
CDS_0035
IMGVR_UViG_2925541682_000007|2925541682|2925541682|3404939-3442640 19474:32002(+)
tail fiber protein (CDS_0035)
CDS_0036
TemPhD_cluster_61395 19893:33028(+)
CDS_0036
CDS_0037
IMGVR_UViG_2667527877_000004|2667527877|2667581225|124374-162826 18990:32735(+)
DNA methyltransferase (CDS_0029)
CDS_0032
CDS_0033
CDS_0037
tail collar fiber protein (CDS_0038)
IMGVR_UViG_2568526532_000007|2568526532|2568576275 16794:31329(+)
CDS_0028
CDS_0029
CDS_0035
IMGVR_UViG_2657245452_000005|2657245452|2657301756|123737-160778 18902:31465(+)
CDS_0032
IMGVR_UViG_2648501161_000001|2648501161|2648506385|19942-54890 16235:29371(+)
CDS_0034
CDS_0035
CDS_0039
CDS_0041
TemPhD_cluster_42611 20322:34152(+)
CDS_0032
CDS_0033
IMGVR_UViG_2529293013_000008|2529293013|2529389927|58120-95613 18347:32304(+)
CDS_0036
CDS_0037
IMGVR_UViG_2923043281_000006|2923043281|2923043281|3707176-3746347 19938:33956(+)
tail fiber protein (CDS_0032)
tail protein (CDS_0033)
34
35
tail protein (CDS_0036)
IMGVR_UViG_3300003857_000078|3300003857|Ga0058693_1000092 19170:34239(+)
tail fiber protein (CDS_0033)
tail fiber protein (CDS_0034)
CDS_0035
CDS_0036
TemPhD_cluster_50324 19229:33957(+)
tail fiber protein (CDS_0033)
32
34
35
36
IMGVR_UViG_3300011747_000015|3300011747|Ga0120842_10093|16529-54547 17853:32597(+)
baseplate wedge subunit (CDS_0034)
tail fiber protein (CDS_0031)
CDS_0032
CDS_0037
IMGVR_UViG_2551306276_000002|2551306276|2551371146|75873-113471 21206:32646(+)
tail fiber protein (CDS_0025)
CDS_0026
IMGVR_UViG_2534682019_000001|2534682019|2534777176|55904-89358 17518:28569(+)
CDS_0031
CDS_0032
IMGVR_UViG_2648501331_000005|2648501331|2648522084|2679586-2718583 21949:34044(+)
CDS_0032
tail protein (CDS_0033)
IMGVR_UViG_2551306267_000007|2551306267|2551369640 23095:33599(+)
tail fiber protein (CDS_0027)
CDS_0028
IMGVR_UViG_3300011894_000045|3300011894|Ga0122084_100041|18671-53890 18919:30265(+)
tail fiber protein (CDS_0029)
IMGVR_UViG_2582580790_000007|2582580790|2582638042|26728-59841 16834:27411(+)
CDS_0032
CDS_0033
IMGVR_UViG_3300011482_000005|3300011482|Ga0120837_100019|58382-95979 21202:32626(+)
CDS_0033
IMGVR_UViG_3300011234_000019|3300011234|Ga0120772_100139 24031:34775(+)
CDS_0030
IMGVR_UViG_2634166495_000004|2634166495|2634547544|23023-55479 16623:26965(+)
CDS_0029
IMGVR_UViG_2877590049_000001|2877590049|2877590049|601164-635616 18184:29003(+)
tail fiber protein (CDS_0027)
CDS_0028
CDS_0029
IMGVR_UViG_2565957074_000001|2565957074|2566036766|252387-286972 17489:29634(+)
CDS_0027
CDS_0028
CDS_0029
TemPhD_cluster_62489 18485:29860(+)
CDS_0029
CDS_0030
IMGVR_UViG_3300011948_000058|3300011948|Ga0120849_100060|271-32729 15954:26963(+)
O-acetyltransferase (CDS_0027)
CDS_0028
CDS_0029
IMGVR_UViG_3300011563_000053|3300011563|Ga0120844_10010|74687-110158 17493:30504(+)
O-acetyltransferase (CDS_0027)
CDS_0028
IMGVR_UViG_2687453566_000004|2687453566|2687454350|554248-587855 15653:28133(+)
CDS_0027
CDS_0028
IMGVR_UViG_2565956915_000015|2565956915|2566015008|21125-54922 17932:28302(+)
CDS_0030
tail fiber protein (CDS_0031)
IMGVR_UViG_2531839677_000009|2531839677|2531930529 18549:29353(+)
tail fiber protein (CDS_0029)
CDS_0030
IMGVR_UViG_2529293183_000003|2529293183|2529409343|22375-58834 20348:31494(+)
tail fiber protein (CDS_0032)
31
33
34
35
IMGVR_UViG_2896869524_000001|2896869524|2896869524|545449-581976 19083:31076(+)
transposase (CDS_0031)
CDS_0030
tail fiber protein (CDS_0029)
CDS_0032
IMGVR_UViG_2938835642_000001|2938835642|2938835642|701813-735722 16834:28731(+)
CDS_0030
CDS_0031
CDS_0035
IMGVR_UViG_2654587631_000003|2654587631|2654596655|723558-760591 18583:32080(+)
tail fiber protein (CDS_0031)
tail fiber protein (CDS_0032)
CDS_0033
CDS_0034
IMGVR_UViG_2565957090_000003|2565957090|2566039099|54291-93815 21150:34646(+)
tail fiber protein (CDS_0029)
CDS_0028
CDS_0030
CDS_0031
IMGVR_UViG_2923035830_000003|2923035830|2923035830|3665287-3700982 18199:30730(+)
tail fiber protein (CDS_0031)
tail protein (CDS_0032)
CDS_0033
tail protein (CDS_0034)
IMGVR_UViG_3300044490_000336|3300044490|Ga0438290_000528 23547:36441(+)
tail fiber protein (CDS_0032)
tail protein (CDS_0033)
34
35
tail protein (CDS_0036)
IMGVR_UViG_3300031370_000176|3300031370|Ga0302349_1000612 21142:34198(+)
tail fiber protein (CDS_0034)
tail fiber protein (CDS_0033)
35
36
37
IMGVR_UViG_2918655624_000002|2918655624|2918655628|22331-64990 24190:37696(+)
tail fiber protein (CDS_0032)
CDS_0031
CDS_0033
CDS_0034
IMGVR_UViG_2651869784_000006|2651869784|2651902215|17661-57082 20225:34469(+)
6000 nt
connector
head and packaging
integration and excision
other
tail
unknown function