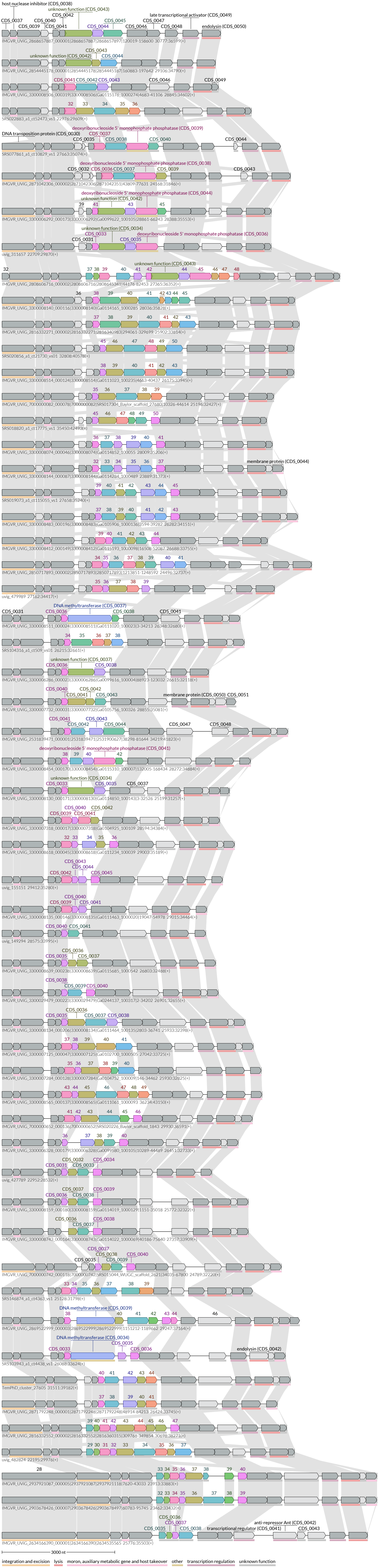
host nuclease inhibitor (CDS_0038)
unknown function (CDS_0043)
CDS_0042
late transcriptional activator (CDS_0049)
CDS_0037
CDS_0040
CDS_0045
CDS_0047
CDS_0039
CDS_0041
CDS_0044
CDS_0046
CDS_0048
endolysin (CDS_0050)
IMGVR_UViG_2868657887_000001|2868657887|2868657897|120019-158600 30777:36599(+)
CDS_0043
unknown function (CDS_0042)
CDS_0044
IMGVR_UViG_2854445178_000001|2854445178|2854445187|160883-197642 29106:34790(+)
CDS_0041 CDS_0042 CDS_0043
CDS_0046
CDS_0049
IMGVR_UViG_3300008506_000319|3300008506|Ga0115176_1000274|4683-41106 28845:34602(+)
32 33 34 35 36
SRS022883_a1_ct52473_vs1 22976:29609(+)
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0039)
DNA transposition protein (CDS_0030)
CDS_0037
CDS_0035
CDS_0038
CDS_0040
CDS_0044
SRS077861_a1_ct10829_vs1 27663:35074(+)
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0038)
CDS_0032 CDS_0036 CDS_0037
CDS_0039
CDS_0043
IMGVR_UViG_2871042306_000002|2871042306|2871042351|43809-77631 24168:31846(+)
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0044)
unknown function (CDS_0042)
39 41 43 45
IMGVR_UViG_3300006292_000173|3300006292|Ga0099622_100105|28861-66243 28388:35553(+)
unknown function (CDS_0034)
CDS_0033
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0036)
CDS_0031
CDS_0035
uvig_311657 22709:29870(+)
unknown function (CDS_0043)
32 37 38 39 40 41 42 44 45 46 47 48
IMGVR_UViG_2808606716_000002|2808606716|2808645341|44176-82453 27365:36352(+)
36 38 39 40 41 42 43 44 45
IMGVR_UViG_3300008140_000116|3300008140|Ga0114165_1000285 28036:35828(+)
37 38 39 40 41 42 43
IMGVR_UViG_2816332271_000002|2816332271|2816340983|294061-329699 25902:33814(+)
45 46 47 48 49 50
SRS020856_a1_ct21730_vs01 32808:40578(+)
38 39 40 41 42 43
IMGVR_UViG_3300008514_000124|3300008514|Ga0111023_100235|4663-40437 26175:33945(+)
35 36 37 38 39
IMGVR_UViG_7000000082_000078|7000000082|SRS017304_Baylor_scaffold_27680|10326-44614 25196:32427(+)
45 46 47 48 49 50
SRS018820_a1_ct17775_vs1 35450:42493(+)
36 37 38 39 40 41
IMGVR_UViG_3300008074_000046|3300008074|Ga0114852_100055 28009:35206(+)
32 33 34 35 36 37
membrane protein (CDS_0044)
IMGVR_UViG_3300008144_000087|3300008144|Ga0114284_1000489 23889:31373(+)
39 40 41 42 43 44 45
SRS019073_a1_ct115055_vs1 27658:35240(+)
37 38 39 40 41 42 43
IMGVR_UViG_3300008483_000196|3300008483|Ga0105906_1000136|3594-39282 26282:34151(+)
39 40 41 42 43 44
IMGVR_UViG_3300008412_000149|3300008412|Ga0115193_1000098|16508-52087 26688:33755(+)
34 35 36 37 38 39 40 41
IMGVR_UViG_2850717893_000002|2850717893|2850717893|1213851-1248592 24496:32737(+)
35 36 37 38 39
uvig_479989 27162:34417(+)
DNA methyltransferase (CDS_0037)
CDS_0031
CDS_0036
CDS_0038
CDS_0041
IMGVR_UViG_3300008511_000024|3300008511|Ga0111020_100023|3-34213 26348:32680(+)
34 35 36 37 38
SRS104316_a1_ct509_vs01 26215:32661(+)
unknown function (CDS_0037)
CDS_0036
CDS_0038
IMGVR_UViG_3300006286_000023|3300006286|Ga0099616_100004|88923-123032 26615:32118(+)
CDS_0040
CDS_0042
CDS_0041
CDS_0043
membrane protein (CDS_0050) CDS_0051
IMGVR_UViG_3300007732_000031|3300007732|Ga0105756_100326 28855:35081(+)
CDS_0041
CDS_0043
CDS_0042
CDS_0044
CDS_0047
CDS_0048
IMGVR_UViG_2531839471_000001|2531839471|2531900627|38298-81644 34219:41823(+)
deoxyribonucleoside 5' monophosphate phosphatase (CDS_0041)
38 39 40 42
IMGVR_UViG_3300008454_000170|3300008454|Ga0115310_100007|132005-168434 28272:34884(+)
unknown function (CDS_0034)
CDS_0033
CDS_0035
CDS_0037
IMGVR_UViG_3300008130_000171|3300008130|Ga0114850_100143|3-32526 25199:31257(+)
CDS_0040
CDS_0042
CDS_0039
CDS_0041
IMGVR_UViG_3300007318_000017|3300007318|Ga0104925_100109 28594:34384(+)
32 33 34 35 36
IMGVR_UViG_3300008618_000045|3300008618|Ga0111234_100039 29003:35189(+)
CDS_0043
CDS_0044
CDS_0042
CDS_0045
uvig_155151 29412:35280(+)
CDS_0040
CDS_0039
CDS_0041
IMGVR_UViG_3300008135_000146|3300008135|Ga0111463_1000020|19047-54978 29015:34464(+)
CDS_0040 CDS_0041
uvig_149294 28575:33995(+)
CDS_0036
CDS_0035
CDS_0037
IMGVR_UViG_3300008639_000238|3300008639|Ga0115685_1000542 26803:32488(+)
CDS_0038
CDS_0039
CDS_0040
IMGVR_UViG_3300029479_000223|3300029479|Ga0244137_100317|2-34202 26901:32655(+)
CDS_0036
CDS_0035
CDS_0037 CDS_0038
IMGVR_UViG_3300008134_000206|3300008134|Ga0111464_100135|2803-36741 25933:32398(+)
37 38 39 40 41
IMGVR_UViG_3300007125_000047|3300007125|Ga0102700_1000505 27042:33725(+)
35 36 37 38 39 40
IMGVR_UViG_3300007284_000128|3300007284|Ga0104752_100009|146-34462 25930:32825(+)
43 44 45 46 47 48 49
IMGVR_UViG_3300008565_000137|3300008565|Ga0111061_1000093 36234:43150(+)
41 42 43 44 45 46
IMGVR_UViG_7000000652_000136|7000000652|SRS020226_Baylor_scaffold_1843 29930:36591(+)
36 37 38 39 40
IMGVR_UViG_3300006328_000179|3300006328|Ga0099580_100105|10289-44489 26451:32733(+)
CDS_0032
CDS_0034
CDS_0031
CDS_0033
uvig_427789 22952:28532(+)
CDS_0037
CDS_0039
CDS_0036
CDS_0038
IMGVR_UViG_3300008159_000180|3300008159|Ga0114019_1000129|1151-35018 25772:32322(+)
CDS_0036
CDS_0038
CDS_0037
IMGVR_UViG_3300008743_000164|3300008743|Ga0114022_1000069|40186-75640 27357:33909(+)
CDS_0037
CDS_0038
CDS_0040
CDS_0035
CDS_0039
IMGVR_UViG_7000000742_000118|7000000742|SRS015044_WUGC_scaffold_2621|34035-67800 24789:32220(+)
33 34 35 36 37 38 39
SRS146874_a1_ct4363_vs1 25128:31798(+)
DNA methyltransferase (CDS_0039)
38 40 41 42 43 44 46
IMGVR_UViG_2869522999_000003|2869522999|2869522999|1151212-1189662 29247:37164(+)
DNA methyltransferase (CDS_0034)
CDS_0035
CDS_0033
CDS_0036
endolysin (CDS_0042)
SRS103943_a1_ct4438_vs1 26088:33624(+)
40 41 42 43 44
TemPhD_cluster_27605 31511:39182(+)
37 38 39 40 41
IMGVR_UViG_2871792248_000001|2871792248|2871792248|48914-84213 26424:33745(+)
39 40 41 42 43 44 45 46 47
IMGVR_UViG_2816332552_000002|2816332552|2816360315|309768-349854 30698:38271(+)
29 30 31 32 33 34 35 36 37
uvig_482824 22195:29976(+)
28
33 34 35 36 37 38 39 40
IMGVR_UViG_2937921087_000005|2937921087|2937921118|7620-43033 23913:33883(+)
32 33 34 35 36 37 38 39
IMGVR_UViG_2903678426_000007|2903678426|2903678497|60783-95745 23462:33432(+)
CDS_0036
CDS_0037
anti-repressor Ant (CDS_0042)
CDS_0035
CDS_0038
transcriptional regulator (CDS_0041)
CDS_0043
IMGVR_UViG_2634166390_000001|2634166390|2634535565 25776:35503(+)
3000 nt
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
transcription regulation
unknown function