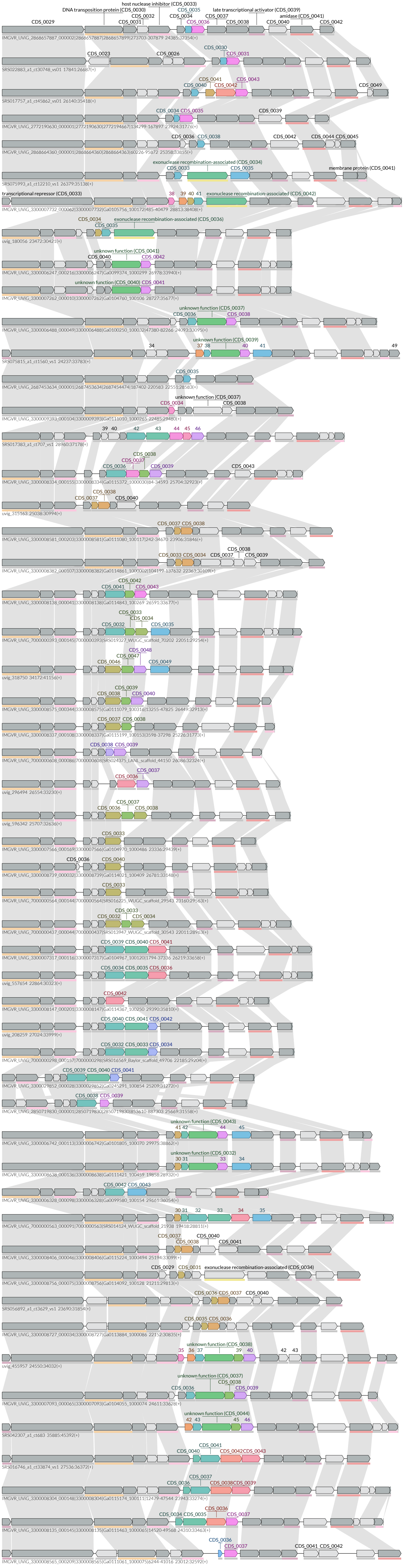
host nuclease inhibitor (CDS_0033)
DNA transposition protein (CDS_0030)
CDS_0035
late transcriptional activator (CDS_0039)
CDS_0032
CDS_0034
CDS_0037
amidase (CDS_0041)
CDS_0029
CDS_0031
CDS_0036
CDS_0038
CDS_0040
CDS_0042
IMGVR_UViG_2868657887_000002|2868657887|2868657899|273703-307879 24385:32354(+)
CDS_0030
CDS_0023
CDS_0026
CDS_0031
SRS022883_a1_ct30748_vs01 17841:26687(+)
CDS_0041
CDS_0043
CDS_0040
CDS_0042
CDS_0049
SRS017757_a1_ct45862_vs01 26140:35418(+)
CDS_0034 CDS_0035
CDS_0039
IMGVR_UViG_2772190630_000001|2772190630|2772194667|134299-167897 23924:31776(+)
CDS_0036 CDS_0038
CDS_0042
CDS_0044 CDS_0045
IMGVR_UViG_2868664360_000001|2868664360|2868664363|60226-95872 25358:33855(+)
exonuclease recombination-associated (CDS_0034)
CDS_0033
CDS_0035
membrane protein (CDS_0041)
SRS075993_a1_ct12210_vs1 26379:35138(+)
transcriptional repressor (CDS_0033)
38
39 40 41
exonuclease recombination-associated (CDS_0042)
IMGVR_UViG_3300007732_000062|3300007732|Ga0105756_100172|485-40479 28813:38408(+)
CDS_0034
exonuclease recombination-associated (CDS_0036)
CDS_0035
uvig_180056 23472:30421(+)
unknown function (CDS_0041)
CDS_0040
CDS_0042
IMGVR_UViG_3300006247_000216|3300006247|Ga0099374_1000299 26978:33940(+)
unknown function (CDS_0040) CDS_0041
IMGVR_UViG_3300007262_000010|3300007262|Ga0104760_100106 28727:35677(+)
unknown function (CDS_0037)
CDS_0036
CDS_0038
IMGVR_UViG_3300006488_000049|3300006488|Ga0100250_100032|47380-82266 24093:33095(+)
unknown function (CDS_0039)
34
37 38
40
41
49
SRS075815_a1_ct1560_vs1 24237:33783(+)
CDS_0035
IMGVR_UViG_2687453634_000001|2687453634|2687454474|187402-220583 22551:28583(+)
unknown function (CDS_0037)
CDS_0034
CDS_0038
IMGVR_UViG_3300009393_000104|3300009393|Ga0111010_1000265 22485:29480(+)
39 40
42
43
44 45 46
SRS017383_a1_ct707_vs1 28960:37178(+)
CDS_0038
CDS_0037
CDS_0036
CDS_0039
CDS_0043
IMGVR_UViG_3300008334_000155|3300008334|Ga0115372_1000030|84-34593 25704:32923(+)
CDS_0038
CDS_0037
CDS_0040
uvig_315163 25038:30994(+)
CDS_0037 CDS_0038
IMGVR_UViG_3300008581_000203|3300008581|Ga0111080_100117|242-34670 23906:31846(+)
CDS_0038
CDS_0033 CDS_0034
CDS_0037
CDS_0039
IMGVR_UViG_3300008382_000107|3300008382|Ga0114861_1000002|104199-137632 22363:30109(+)
CDS_0042
CDS_0041
CDS_0043
IMGVR_UViG_3300008138_000041|3300008138|Ga0114843_100269 26591:33677(+)
CDS_0033
CDS_0034
CDS_0032
CDS_0035
IMGVR_UViG_7000000393_000145|7000000393|SRS019327_WUGC_scaffold_70202 22051:29254(+)
CDS_0048
CDS_0047
CDS_0046
CDS_0049
uvig_318750 34172:41156(+)
CDS_0039
CDS_0038
CDS_0040
IMGVR_UViG_3300008575_000344|3300008575|Ga0111079_100316|13255-47825 26449:32913(+)
CDS_0037 CDS_0038
IMGVR_UViG_3300008337_000108|3300008337|Ga0115199_100153|3598-37298 25226:31773(+)
CDS_0038 CDS_0039
IMGVR_UViG_7000000608_000086|7000000608|SRS024375_LANL_scaffold_44150 26086:32324(+)
CDS_0037
CDS_0036
uvig_296494 26554:33230(+)
CDS_0037
CDS_0036
CDS_0038
uvig_596342 25707:32636(+)
CDS_0033
IMGVR_UViG_3300007566_000169|3300007566|Ga0104970_1000486 23336:29439(+)
CDS_0036
CDS_0040
IMGVR_UViG_3300008739_000032|3300008739|Ga0114021_100409 26781:33148(+)
CDS_0033
IMGVR_UViG_7000000564_000144|7000000564|SRS016225_WUGC_scaffold_29543 23160:29563(+)
CDS_0033
CDS_0032
CDS_0034
IMGVR_UViG_7000000437_000044|7000000437|SRS013947_WUGC_scaffold_30543 22011:28963(+)
CDS_0039 CDS_0040 CDS_0041
IMGVR_UViG_3300007317_000116|3300007317|Ga0104967_100120|1794-37336 26219:33658(+)
CDS_0034 CDS_0035 CDS_0036
uvig_557654 22864:30323(+)
CDS_0042
IMGVR_UViG_3300008147_000201|3300008147|Ga0114367_100250 29390:35810(+)
CDS_0040 CDS_0041 CDS_0042
uvig_208259 27024:33999(+)
CDS_0032 CDS_0033 CDS_0034
IMGVR_UViG_7000000298_000157|7000000298|SRS016569_Baylor_scaffold_49706 22185:29204(+)
CDS_0039 CDS_0040 CDS_0041
IMGVR_UViG_3300029852_000028|3300029852|Ga0245291_100854 25209:31272(+)
CDS_0038 CDS_0039
IMGVR_UViG_2850719830_000001|2850719830|2850719830|853610-887303 25669:31558(+)
unknown function (CDS_0043)
41 42
44
45
IMGVR_UViG_3300006742_000113|3300006742|Ga0101805_100070 29975:38862(+)
unknown function (CDS_0032)
30 31
33
34
IMGVR_UViG_3300008638_000136|3300008638|Ga0111421_100459 19858:28932(+)
CDS_0042 CDS_0043
IMGVR_UViG_3300006328_000098|3300006328|Ga0099580_100154 29661:36054(+)
30 31
32
33
34
35
IMGVR_UViG_7000000563_000091|7000000563|SRS014124_WUGC_scaffold_21938 19418:28811(+)
CDS_0037
CDS_0040
CDS_0038
CDS_0041
IMGVR_UViG_3300008406_000046|3300008406|Ga0115224_1000494 25194:33099(+)
CDS_0029
CDS_0031
exonuclease recombination-associated (CDS_0034)
IMGVR_UViG_3300008756_000075|3300008756|Ga0114092_100128 21211:29813(+)
CDS_0036 CDS_0037
CDS_0040
SRS056892_a1_ct3629_vs1 23690:31854(+)
CDS_0035 CDS_0036
IMGVR_UViG_3300008727_000034|3300008727|Ga0113884_1000086 22152:30835(+)
unknown function (CDS_0038)
35
36 37
39 40
42
43
uvig_455957 24550:34032(+)
unknown function (CDS_0037)
CDS_0038
CDS_0036
CDS_0039
IMGVR_UViG_3300007093_000065|3300007093|Ga0104055_1000074 24611:33628(+)
unknown function (CDS_0044)
42 43
45
46
SRS042307_a1_ct683 35885:45392(+)
CDS_0041
CDS_0040
CDS_0042CDS_0043
SRS016746_a1_ct33874_vs1 27536:36372(+)
CDS_0037
CDS_0036
CDS_0038CDS_0039
IMGVR_UViG_3300008304_000148|3300008304|Ga0115174_100111|12479-47544 23943:33274(+)
CDS_0036
CDS_0034 CDS_0035
CDS_0037
IMGVR_UViG_3300008135_000145|3300008135|Ga0111463_1000065|14520-49568 24310:33463(+)
CDS_0036
CDS_0037
CDS_0041 CDS_0042
IMGVR_UViG_3300008565_000209|3300008565|Ga0111061_1000075|6244-41016 23012:32592(+)
3000 nt
DNA, RNA and nucleotide metabolism
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
transcription regulation
unknown function