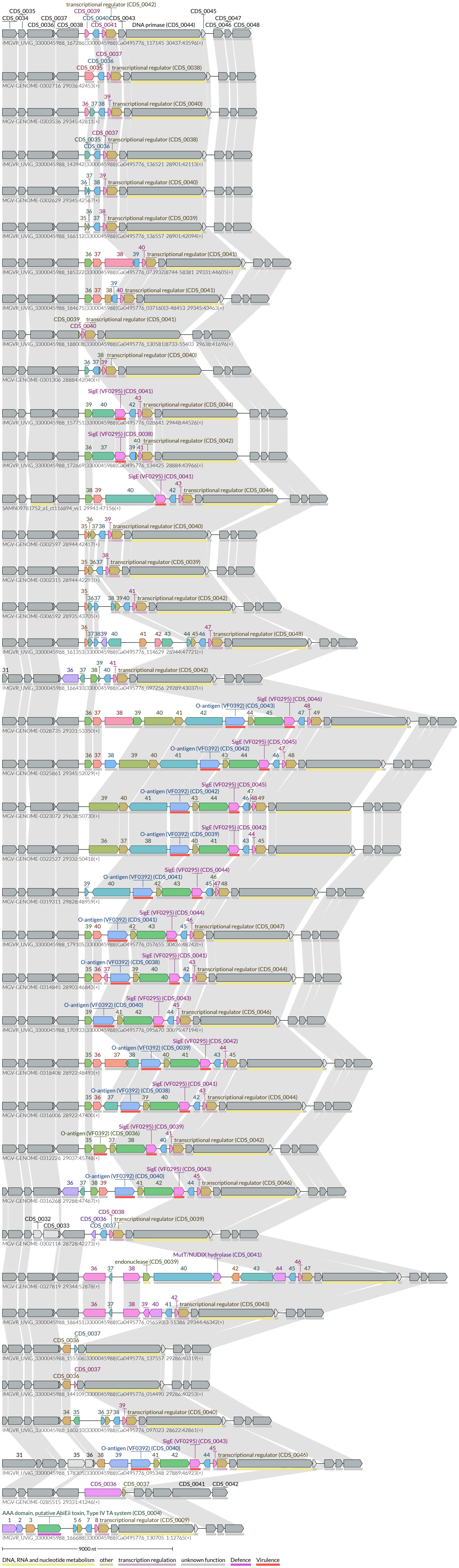
transcriptional regulator (CDS_0042)
CDS_0039
CDS_0035
CDS_0034
CDS_0037
CDS_0036
CDS_0038
CDS_0040
CDS_0041
CDS_0043
DNA primase (CDS_0044)
CDS_0045
CDS_0047
CDS_0046
CDS_0048
IMGVR_UViG_3300045988_167286|3300045988|Ga0495776_117145 30437:43596(+)
CDS_0037
CDS_0036
CDS_0035
transcriptional regulator (CDS_0038)
MGV-GENOME-0302716 29036:42453(+)
39
36 37 38
transcriptional regulator (CDS_0040)
MGV-GENOME-0303536 29345:42811(+)
CDS_0037
CDS_0035
transcriptional regulator (CDS_0038)
CDS_0036
IMGVR_UViG_3300045988_143942|3300045988|Ga0495776_136521 28901:42113(+)
37 39
36 38
transcriptional regulator (CDS_0040)
MGV-GENOME-0302629 29345:42567(+)
36 38
35 37
transcriptional regulator (CDS_0039)
IMGVR_UViG_3300045988_166112|3300045988|Ga0495776_136557 28901:42094(+)
40
36 37 38 39
transcriptional regulator (CDS_0041)
IMGVR_UViG_3300045988_185322|3300045988|Ga0495776_073932|8744-58381 29331:44605(+)
39
36 37 38 40
transcriptional regulator (CDS_0041)
IMGVR_UViG_3300045988_184675|3300045988|Ga0495776_037160|3-48453 29345:43463(+)
CDS_0039
transcriptional regulator (CDS_0041)
CDS_0040
IMGVR_UViG_3300045988_188008|3300045988|Ga0495776_130581|8733-55403 29638:41696(+)
38
transcriptional regulator (CDS_0040)
36 37 39
MGV-GENOME-0301306 28884:42040(+)
SigE (VF0295) (CDS_0041)
43
39 40 42
transcriptional regulator (CDS_0044)
IMGVR_UViG_3300045988_157751|3300045988|Ga0495776_028641 29448:44526(+)
SigE (VF0295) (CDS_0038)
40
transcriptional regulator (CDS_0042)
36 37 39 41
IMGVR_UViG_3300045988_172669|3300045988|Ga0495776_134425 28884:43966(+)
SigE (VF0295) (CDS_0041)
43
38 39 40 42
transcriptional regulator (CDS_0044)
SAMN09781752_a1_ct116894_vs1 29941:47156(+)
36 39
35 37 38
transcriptional regulator (CDS_0040)
MGV-GENOME-0302597 28944:42417(+)
38
35 36 37
transcriptional regulator (CDS_0039)
MGV-GENOME-0302315 28944:42291(+)
35 41
36 37 38 39 40
transcriptional regulator (CDS_0042)
MGV-GENOME-0306592 28935:43705(+)
36 47
37 38 39 40 41 42 43 44 45 46
transcriptional regulator (CDS_0048)
IMGVR_UViG_3300045988_161353|3300045988|Ga0495776_114629 28944:47721(+)
39 41
31 36 37 38 40
transcriptional regulator (CDS_0042)
IMGVR_UViG_3300045988_166410|3300045988|Ga0495776_097256 29289:43037(+)
SigE (VF0295) (CDS_0046)
O-antigen (VF0392) (CDS_0043)
48
36 37 38 39 40 41 42 44 45 47 49
MGV-GENOME-0328735 29331:53350(+)
SigE (VF0295) (CDS_0045)
O-antigen (VF0392) (CDS_0042)
47
36 37 38 39 40 41 43 44 46 48
MGV-GENOME-0325861 29345:52029(+)
SigE (VF0295) (CDS_0045)
O-antigen (VF0392) (CDS_0042)
47
39 40 41 43 44 46 48 49
MGV-GENOME-0323072 29638:50730(+)
SigE (VF0295) (CDS_0042)
O-antigen (VF0392) (CDS_0039)
44
36 37 38 40 41 43 45
MGV-GENOME-0322527 29332:50418(+)
SigE (VF0295) (CDS_0044)
O-antigen (VF0392) (CDS_0041)
46
39 40 42 43 45 47 48
MGV-GENOME-0319311 29828:48959(+)
SigE (VF0295) (CDS_0044)
O-antigen (VF0392) (CDS_0041)
46
39 40 42 43 45
transcriptional regulator (CDS_0047)
IMGVR_UViG_3300045988_179105|3300045988|Ga0495776_057655 30436:48242(+)
SigE (VF0295) (CDS_0041)
O-antigen (VF0392) (CDS_0038)
43
35 36 37 39 40 42
transcriptional regulator (CDS_0044)
MGV-GENOME-0314845 28903:46843(+)
SigE (VF0295) (CDS_0043)
O-antigen (VF0392) (CDS_0040)
45
39 41 42 44
transcriptional regulator (CDS_0046)
IMGVR_UViG_3300045988_170933|3300045988|Ga0495776_095670 30095:47194(+)
SigE (VF0295) (CDS_0042)
O-antigen (VF0392) (CDS_0039)
44
35 36 37 38 40 41 43 45
MGV-GENOME-0318408 28922:48493(+)
SigE (VF0295) (CDS_0041)
O-antigen (VF0392) (CDS_0038)
43
35 36 37 39 40 42
transcriptional regulator (CDS_0044)
MGV-GENOME-0316006 28922:47400(+)
SigE (VF0295) (CDS_0039)
O-antigen (VF0392) (CDS_0036)
41
35 37 38 40
transcriptional regulator (CDS_0042)
MGV-GENOME-0312226 29037:45748(+)
SigE (VF0295) (CDS_0043)
O-antigen (VF0392) (CDS_0040)
45
36 37 38 39 41 42 44
transcriptional regulator (CDS_0046)
MGV-GENOME-0316268 29288:47467(+)
CDS_0038
CDS_0032
CDS_0036
transcriptional regulator (CDS_0039)
CDS_0033
CDS_0037
MGV-GENOME-0302114 28728:42273(+)
MutT/NUDIX hydrolase (CDS_0041)
endonuclease (CDS_0039)
46
36 37 38 40 42 43 44 45 47
MGV-GENOME-0327819 29344:52878(+)
42
36 37 38 39 40 41
transcriptional regulator (CDS_0043)
IMGVR_UViG_3300045988_186451|3300045988|Ga0495776_056593|3-51386 29344:46342(+)
CDS_0037
CDS_0036
IMGVR_UViG_3300045988_155506|3300045988|Ga0495776_137557 29286:40319(+)
CDS_0037
CDS_0036
IMGVR_UViG_3300045988_144109|3300045988|Ga0495776_054490 29286:40253(+)
39
34 35 36 37 38
transcriptional regulator (CDS_0040)
IMGVR_UViG_3300045988_160210|3300045988|Ga0495776_097023 28622:42861(+)
SigE (VF0295) (CDS_0043)
O-antigen (VF0392) (CDS_0040)
45
31 35 36 38 39 41 42 44
transcriptional regulator (CDS_0046)
IMGVR_UViG_3300045988_178305|3300045988|Ga0495776_095348 27889:46923(+)
CDS_0036 CDS_0037 CDS_0041 CDS_0042
MGV-GENOME-0285515 29331:41246(+)
AAA domain, putative AbiEii toxin, Type IV TA system (CDS_0004)
1 2 3 5 6 7 8
transcriptional regulator (CDS_0009)
IMGVR_UViG_3300045988_166688|3300045988|Ga0495776_130705 1:12765(+)
9000 nt
DNA, RNA and nucleotide metabolism
other
transcription regulation
unknown function
Defence
Virulence