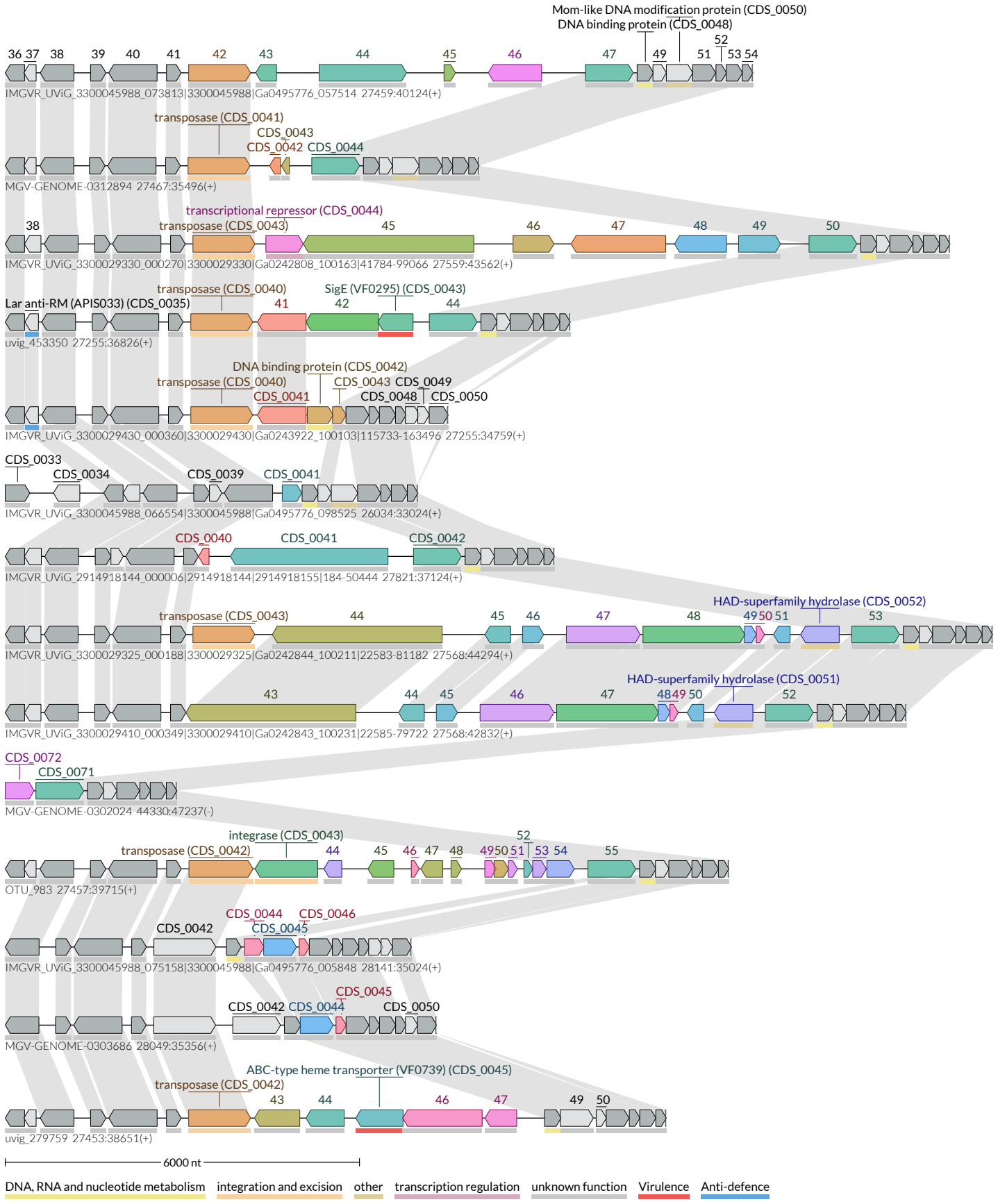
Mom-like DNA modification protein (CDS_0050)
DNA binding protein (CDS_0048)
36 37 38 39 40 41 42 43 44 45 46 47 49 51 52 53 54
IMGVR_UViG_3300045988_073813|3300045988|Ga0495776_057514 27459:40124(+)
transposase (CDS_0041)
CDS_0043
CDS_0042 CDS_0044
MGV-GENOME-0312894 27467:35496(+)
transcriptional repressor (CDS_0044)
38 transposase (CDS_0043) 45 46 47 48 49 50
IMGVR_UViG_3300029330_000270|3300029330|Ga0242808_100163|41784-99066 27559:43562(+)
transposase (CDS_0040)
SigE (VF0295) (CDS_0043)
Lar anti-RM (APIS033) (CDS_0035) 41 42 44
uvig_453350 27255:36826(+)
DNA binding protein (CDS_0042)
transposase (CDS_0040)
CDS_0043 CDS_0049
CDS_0041
CDS_0048 CDS_0050
IMGVR_UViG_3300029430_000360|3300029430|Ga0243922_100103|115733-163496 27255:34759(+)
CDS_0033
CDS_0034
CDS_0039
CDS_0041
IMGVR_UViG_3300045988_066554|3300045988|Ga0495776_098525 26034:33024(+)
CDS_0040
CDS_0041
CDS_0042
IMGVR_UViG_2914918144_000006|2914918144|2914918155|184-50444 27821:37124(+)
HAD-superfamily hydrolase (CDS_0052)
transposase (CDS_0043) 44 45 46 47 48 49 50 51 53
IMGVR_UViG_3300029325_000188|3300029325|Ga0242844_100211|22583-81182 27568:44294(+)
HAD-superfamily hydrolase (CDS_0051)
43 44 45 46 47 48 49 50 52
IMGVR_UViG_3300029410_000349|3300029410|Ga0242843_100231|22585-79722 27568:42832(+)
CDS_0072
CDS_0071
MGV-GENOME-0302024 44330:47237(-)
integrase (CDS_0043)
transposase (CDS_0042) 44 45 46 47 48 49 50 51 52 53 54 55
OTU_983 27457:39715(+)
CDS_0044
CDS_0046
CDS_0042
CDS_0045
IMGVR_UViG_3300045988_075158|3300045988|Ga0495776_005848 28141:35024(+)
CDS_0045
CDS_0042 CDS_0044
CDS_0050
MGV-GENOME-0303686 28049:35356(+)
ABC-type heme transporter (VF0739) (CDS_0045)
transposase (CDS_0042)
43 44 46 47 49 50
uvig_279759 27453:38651(+)
6000 nt
DNA, RNA and nucleotide metabolism
integration and excision
other
transcription regulation
unknown function
Virulence
Anti-defence