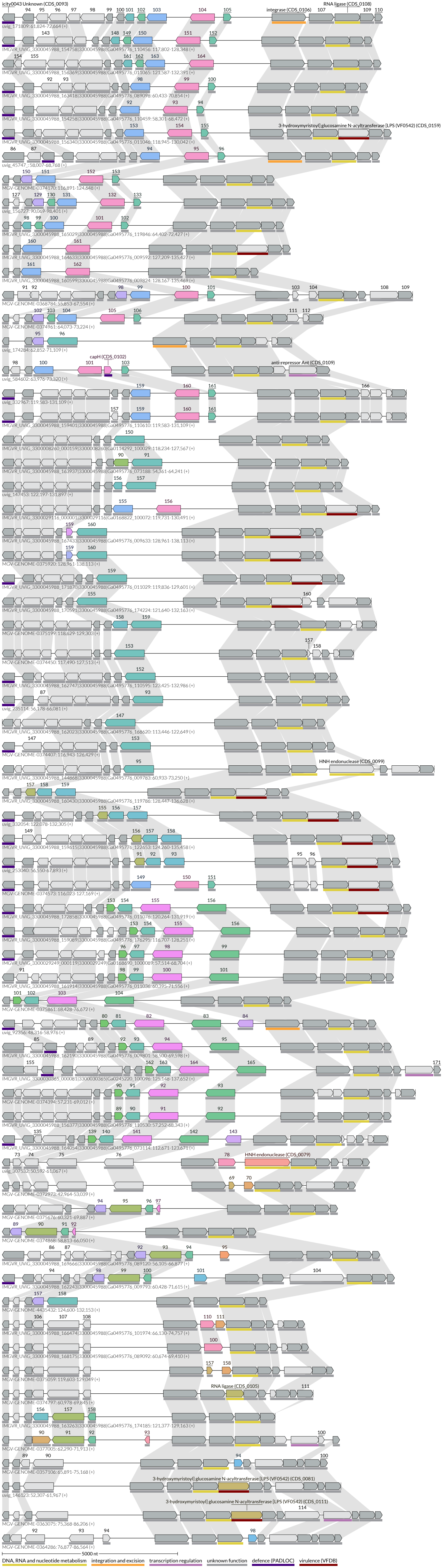
icity0043 Unknown (CDS_0093)
RNA ligase (CDS_0108)
integrase (CDS_0106)
uvig_171809: 61,824-72,664 (+)
IMGVR_UViG_3300045988_154758|3300045988|Ga0495776_110456: 117,802-128,348 (+)
IMGVR_UViG_3300045988_156369|3300045988|Ga0495776_011065: 121,587-132,391 (+)
IMGVR_UViG_3300045988_163418|3300045988|Ga0495776_089098: 60,433-70,854 (+)
IMGVR_UViG_3300045988_154258|3300045988|Ga0495776_110459: 58,301-68,472 (+)
3-hydroxymyristoyl] glucosamine N-acyltransferase [LPS (VF0542) (CDS_0159)
IMGVR_UViG_3300045988_156340|3300045988|Ga0495776_011046: 118,945-130,042 (+)
uvig_45747_: 58,007-68,768 (+)
MGV-GENOME-0374170: 116,891-124,648 (+)
uvig_156727: 90,069-98,401 (+)
IMGVR_UViG_3300045988_165029|3300045988|Ga0495776_119846: 64,402-72,427 (+)
IMGVR_UViG_3300045988_164633|3300045988|Ga0495776_009592: 127,209-135,427 (+)
IMGVR_UViG_3300045988_160599|3300045988|Ga0495776_009824: 128,167-135,469 (+)
MGV-GENOME-0368784: 55,853-67,554 (+)
MGV-GENOME-0374961: 64,073-73,224 (+)
uvig_174284: 62,852-71,109 (+)
capH (CDS_0102)
anti-repressor Ant (CDS_0109)
uvig_584602: 63,976-73,320 (+)
uvig_332967: 119,583-131,109 (+)
IMGVR_UViG_3300045988_159401|3300045988|Ga0495776_110610: 119,583-131,109 (+)
IMGVR_UViG_3300008260_000159|3300008260|Ga0114292_100029: 118,234-127,567 (+)
IMGVR_UViG_3300045988_163937|3300045988|Ga0495776_073188: 54,361-64,241 (+)
uvig_147453: 122,197-131,897 (+)
IMGVR_UViG_3300029116_000001|3300029116|Ga0168822_100072: 119,731-130,491 (+)
IMGVR_UViG_3300045988_167433|3300045988|Ga0495776_009633: 128,961-138,113 (+)
MGV-GENOME-0375920: 128,961-138,113 (+)
IMGVR_UViG_3300045988_171870|3300045988|Ga0495776_011029: 119,836-129,601 (+)
IMGVR_UViG_3300045988_170591|3300045988|Ga0495776_174224: 121,640-132,163 (+)
MGV-GENOME-0375199: 118,629-129,303 (+)
MGV-GENOME-0374450: 117,490-127,513 (+)
IMGVR_UViG_3300045988_162747|3300045988|Ga0495776_110595: 123,425-132,986 (+)
uvig_235114: 56,178-66,081 (+)
IMGVR_UViG_3300045988_162023|3300045988|Ga0495776_168620: 113,446-122,649 (+)
MGV-GENOME-0374407: 116,943-126,429 (+)
HNH endonuclease (CDS_0099)
IMGVR_UViG_3300045988_144868|3300045988|Ga0495776_009783: 60,933-73,250 (+)
IMGVR_UViG_3300045988_160430|3300045988|Ga0495776_119786: 128,447-136,628 (+)
uvig_332054: 122,078-132,305 (+)
IMGVR_UViG_3300045988_159615|3300045988|Ga0495776_122653: 124,260-135,458 (+)
uvig_253040: 56,550-67,893 (+)
MGV-GENOME-0374573: 116,023-127,169 (+)
IMGVR_UViG_3300045988_172858|3300045988|Ga0495776_011076: 120,264-131,919 (+)
IMGVR_UViG_3300045988_159089|3300045988|Ga0495776_176295: 116,707-128,251 (+)
IMGVR_UViG_3300029249_000119|3300029249|Ga0168690_1000089: 57,514-68,704 (+)
IMGVR_UViG_3300045988_161914|3300045988|Ga0495776_011036: 60,395-71,556 (+)
MGV-GENOME-0375861: 68,428-76,672 (+)
uvig_92356: 48,316-58,976 (+)
IMGVR_UViG_3300045988_162190|3300045988|Ga0495776_009801: 58,500-69,598 (+)
IMGVR_UViG_3300030365_000081|3300030365|Ga0245220_100096: 125,148-137,652 (+)
MGV-GENOME-0374394: 57,231-69,012 (+)
IMGVR_UViG_3300045988_156377|3300045988|Ga0495776_110530: 57,252-68,343 (+)
IMGVR_UViG_3300045988_164054|3300045988|Ga0495776_073114: 112,671-123,671 (+)
HNH endonuclease (CDS_0079)
uvig_307532: 50,592-61,067 (+)
MGV-GENOME-0372973: 42,964-53,039 (+)
MGV-GENOME-0375676: 60,321-69,887 (+)
MGV-GENOME-0374868: 58,813-66,050 (+)
IMGVR_UViG_3300045988_169666|3300045988|Ga0495776_089120: 56,105-66,877 (+)
IMGVR_UViG_3300045988_162243|3300045988|Ga0495776_009793: 60,428-71,615 (+)
MGV-GENOME-4435432: 124,600-132,153 (+)
IMGVR_UViG_3300045988_166474|3300045988|Ga0495776_101974: 66,130-74,757 (+)
IMGVR_UViG_3300045988_168175|3300045988|Ga0495776_089092: 60,674-69,410 (+)
MGV-GENOME-0375059: 119,603-129,049 (+)
RNA ligase (CDS_0105)
MGV-GENOME-0374797: 60,978-69,845 (+)
IMGVR_UViG_3300045988_163263|3300045988|Ga0495776_174185: 121,377-129,163 (+)
MGV-GENOME-0377005: 62,290-71,913 (+)
MGV-GENOME-0357106: 65,891-75,168 (+)
3-hydroxymyristoyl] glucosamine N-acyltransferase [LPS (VF0542) (CDS_0081)
uvig_146123: 52,307-61,967 (+)
3-hydroxymyristoyl] glucosamine N-acyltransferase [LPS (VF0542) (CDS_0111)
MGV-GENOME-0363075: 75,368-86,206 (+)
MGV-GENOME-0364286: 76,877-86,564 (+)
5000 nt
DNA, RNA and nucleotide metabolism
integration and excision
transcription regulation
unknown function
defence (PADLOC)
virulence (VFDB)