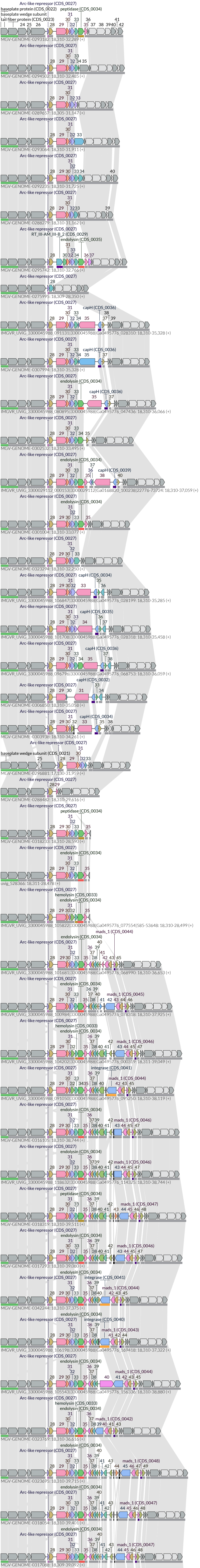
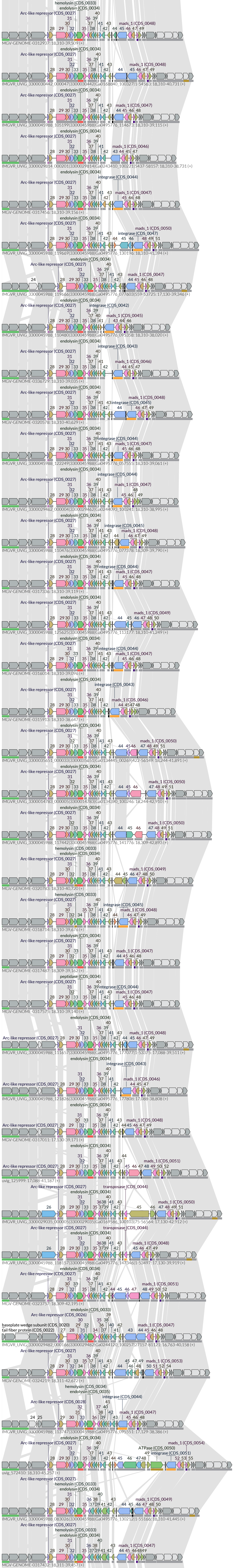
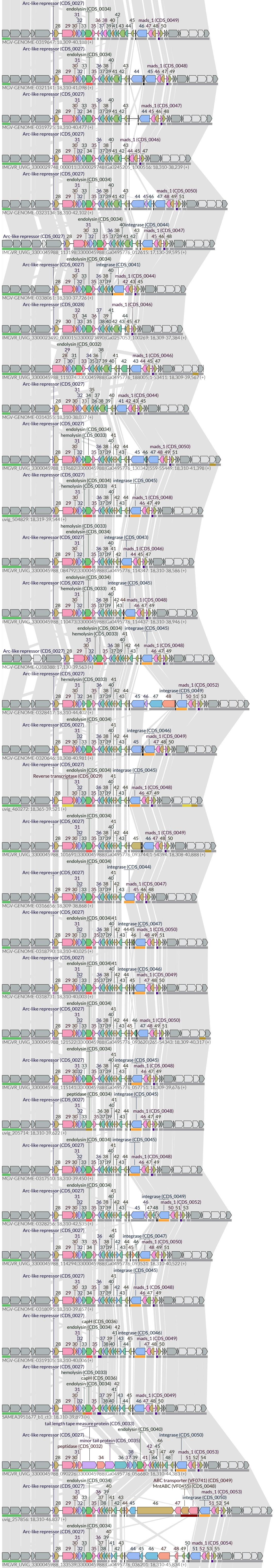
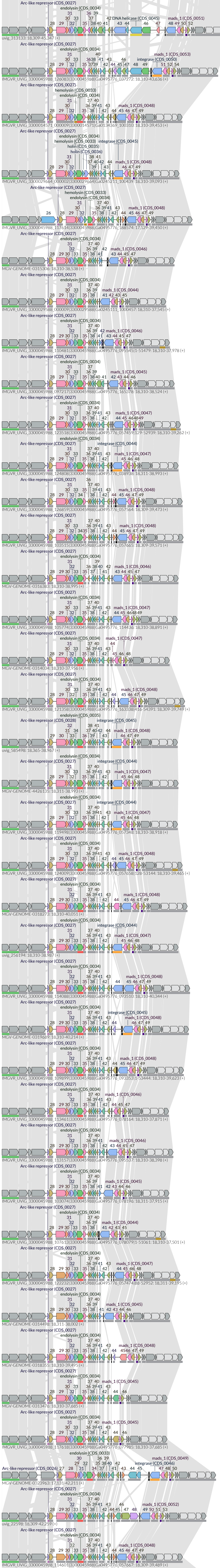
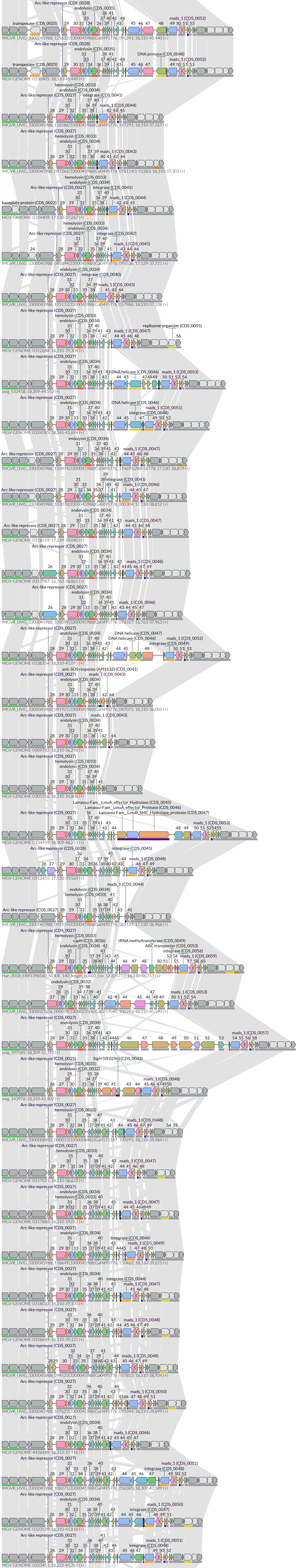
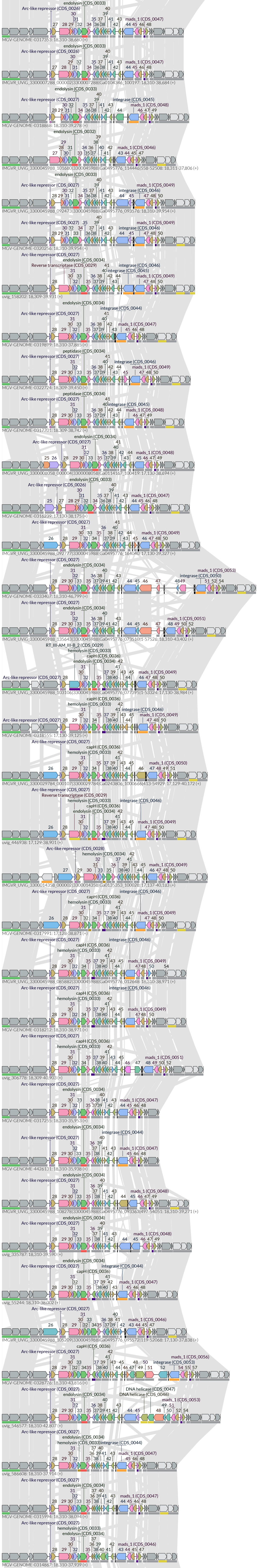

Arc-like repressor (CDS_0027)
baseplate protein (CDS_0022)
peptidase (CDS_0034)
baseplate wedge subunit
31
tail fiber protein (CDS_0023)
30 33 36 41
24 25 26 28 29 32 35 37 38 3940 42
MGV-GENOME-0293182: 18,310-32,289 (+)
Arc-like repressor (CDS_0027)
31
30 33
28 29 32 34 35
MGV-GENOME-0294502: 18,310-32,485 (+)
Arc-like repressor (CDS_0027)
31
30
28 29 3233
MGV-GENOME-0289657: 18,305-31,147 (+)
Arc-like repressor (CDS_0027)
31
30
28 29 32 33
MGV-GENOME-0293064: 18,310-31,911 (+)
Arc-like repressor (CDS_0027)
31
32
28 29 30 3334 40
MGV-GENOME-0292235: 18,310-31,725 (+)
Arc-like repressor (CDS_0027)
31
30
28 29 3233 39
MGV-GENOME-0288279: 18,310-31,162 (+)
Arc-like repressor (CDS_0027)
RT_III-AM_III-B_2 (CDS_0029)
endolysin (CDS_0035)
31
33
28 3032 34 3637
MGV-GENOME-0295742: 18,310-32,766 (+)
Arc-like repressor (CDS_0027)
28
MGV-GENOME-0275995: 18,309-28,350 (+)
Arc-like repressor (CDS_0027)
31 capH (CDS_0036)
30 33 38
28 29 32 34 35 37 39
IMGVR_UViG_3300045988_091131|3300045988|Ga0495776_028310: 18,310-35,328 (+)
Arc-like repressor (CDS_0027)
31
30 33 capH (CDS_0036)
28 29 32 34 35 37
MGV-GENOME-0307994: 18,310-35,328 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31
30 33 capH (CDS_0036)
28 29 32 35 37
IMGVR_UViG_3300045988_080895|3300045988|Ga0495776_047436: 18,310-36,066 (+)
Arc-like repressor (CDS_0027)
31
30 33
28 29 32 34 35
MGV-GENOME-0302532: 18,310-33,495 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 37
30 33 36 capH (CDS_0039)
28 29 32 35 38 40
IMGVR_UViG_3300029112_000153|3300029112|Ga0168820_100238|22776-73724: 18,310-37,059 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31
32
28 29 30 33 35
MGV-GENOME-0301004: 18,310-33,077 (+)
Arc-like repressor (CDS_0027)
31
32
28 29 30 33
MGV-GENOME-0323294: 18,310-32,250 (+)
Arc-like repressor (CDS_0027) capH (CDS_0034)
31 35
28 29 3032 33 36
IMGVR_UViG_3300045988_106847|3300045988|Ga0495776_028199: 18,310-35,285 (+)
Arc-like repressor (CDS_0027)
31 capH (CDS_0035)
30 33 36
28 29 32 34 37
IMGVR_UViG_3300045988_101708|3300045988|Ga0495776_028318: 18,310-35,458 (+)
Arc-like repressor (CDS_0027)
31 capH (CDS_0036)
30 33 37
28 29 32 34 35 38
IMGVR_UViG_3300045988_096796|3300045988|Ga0495776_068753: 18,310-36,059 (+)
capH (CDS_0032)
Arc-like repressor (CDS_0027) 33
28 29 30 31 34
MGV-GENOME-0306850: 18,310-35,058 (+)
Arc-like repressor (CDS_0027)
31 capH (CDS_0034)
28 29 30 32 33 35 38
MGV-GENOME-0303938: 18,310-34,261 (+)
Arc-like repressor (CDS_0027)
31
baseplate wedge subunit (CDS_0021) 30
25 28 29 3233
MGV-GENOME-0296881: 17,130-31,959 (+)
Arc-like repressor (CDS_0027)
2829
MGV-GENOME-0288482: 18,310-29,616 (+)
Arc-like repressor (CDS_0027)
peptidase (CDS_0034)
31
32
28 29 30 33 35
MGV-GENOME-0318233: 18,310-28,590 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31
30 33
28 29 32 35
uvig_528366: 18,311-28,478 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
31
28 29 3032 35
IMGVR_UViG_3300045988_105822|3300045988|Ga0495776_077554|585-53648: 18,310-28,499 (+)
mads_1 (CDS_0044)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41
28 29 30 33 35 38 42 43 45
IMGVR_UViG_3300045988_101681|3300045988|Ga0495776_068990: 18,310-36,653 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 36 39
30 33 37 40 mads_1 (CDS_0045)
28 29 32 35 38 41 42 43 44 46
IMGVR_UViG_3300045988_100984|3300045988|Ga0495776_078318: 18,310-37,925 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
31 36 39
30 37 42 mads_1 (CDS_0046)
28 29 32 35 38 40 41 43 44 45 47
IMGVR_UViG_3300045988_104202|3300045988|Ga0495776_000319: 18,311-39,049 (+)
Arc-like repressor (CDS_0027) integrase (CDS_0041)
31 36 39
30 33 37 mads_1 (CDS_0044)
28 29 32 3435 38 40 42 43 45
IMGVR_UViG_3300045988_091050|3300045988|Ga0495776_095250: 18,310-38,119 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 36
32 3739 42 mads_1 (CDS_0046)
28 29 30 33 35 38 40 41 43 44 45 47
MGV-GENOME-0316105: 18,310-38,744 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 36
32 3739 42 mads_1 (CDS_0046)
28 29 30 33 35 38 40 41 43 44 45 47
IMGVR_UViG_3300045988_118632|3300045988|Ga0495776_114325: 18,310-38,744 (+)
Arc-like repressor (CDS_0027)
peptidase (CDS_0034)
31 36 39
30 33 37 42 mads_1 (CDS_0047)
28 29 32 35 38 40 41 43 44 45 46 48
MGV-GENOME-0318319: 18,310-39,511 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 36 39
30 33 37 42 mads_1 (CDS_0046)
28 29 32 35 38 40 41 43 44 45 47
MGV-GENOME-0317293: 18,310-39,080 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) integrase (CDS_0041)
31 36 39
32 37 mads_1 (CDS_0044)
28 29 30 33 35 3840 42 43 45
MGV-GENOME-0342244: 18,310-37,375 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) integrase (CDS_0040)
31 36 39
32 37 mads_1 (CDS_0043)
28 29 30 33 35 38 41 42 44
IMGVR_UViG_3300045988_106198|3300045988|Ga0495776_169418: 18,310-37,322 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 36 39
32 37 mads_1 (CDS_0044)
28 29 30 33 35 38 40 41 42 43 45
IMGVR_UViG_3300045988_105543|3300045988|Ga0495776_156336: 18,310-38,880 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
31 36
30 37 mads_1 (CDS_0042)
28 29 32 35 38 39 40 41 43
MGV-GENOME-0323769: 18,310-36,616 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
30 33 37 41 43 mads_1 (CDS_0048)
28 29 32 35 38 42 44 45 46 47 49
MGV-GENOME-0323695: 18,310-39,715 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
30 33 37 41 43 mads_1 (CDS_0047)
28 29 32 35 38 42 44 45 46 48
MGV-GENOME-0318054: 18,310-39,401 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0047)
28 29 30 33 35 38 42 44 45 46 48
MGV-GENOME-0317088: 18,309-39,092 (+)

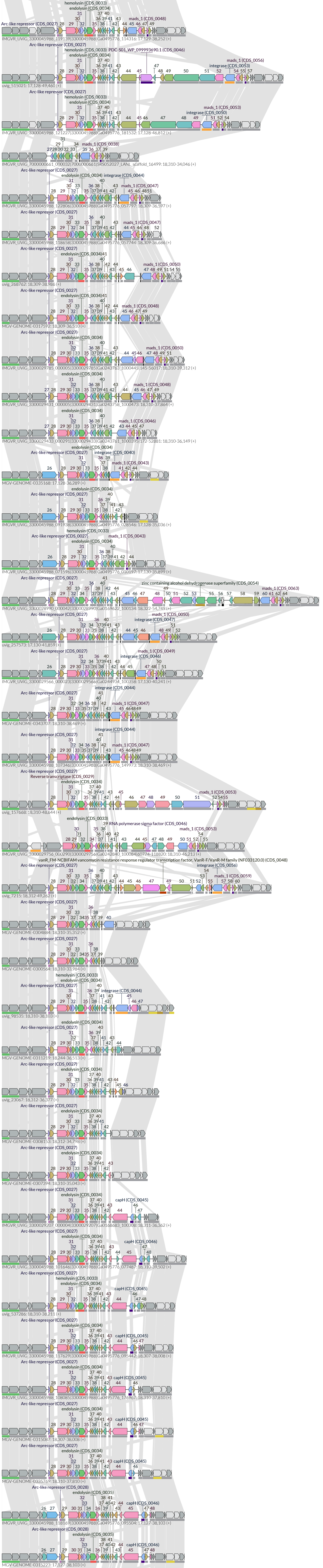

hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
30 37 41 43 mads_1 (CDS_0048)
28 29 32 35 38 42 44 45 46 47 49
MGV-GENOME-0312937: 18,310-39,509 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0048)
28 29 30 33 35 38 42 44 45 46 47 49
IMGVR_UViG_3300030442_000047|3300030442|Ga0168840_100327|1-54563: 18,310-40,731 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0047)
28 29 30 33 35 38 42 44 45 46 48
IMGVR_UViG_3300045988_105199|3300045988|Ga0495776_114673: 18,310-39,115 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 mads_1 (CDS_0046)
28 29 30 33 35 38 42 43 44 45 47
IMGVR_UViG_3300029814_000201|3300029814|Ga0243410_100221|5437-58157: 18,310-38,731 (+)
endolysin (CDS_0034)
integrase (CDS_0044)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0047)
28 29 30 33 35 38 42 45 46 48
MGV-GENOME-0317456: 18,310-39,156 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39 mads_1 (CDS_0050)
32 37 41 43 integrase (CDS_0047)
28 29 30 33 35 38 42 44 45 46 48 49 51
IMGVR_UViG_3300045988_119669|3300045988|Ga0495776_130196: 18,310-41,394 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0047)
24 28 29 30 33 35 38 42 44 45 46 48
IMGVR_UViG_3300045988_119666|3300045988|Ga0495776_077603|559-53725: 17,130-39,346 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) integrase (CDS_0042)
31 36 39
32 37 40 mads_1 (CDS_0045)
28 29 30 33 35 38 41 43 44 46
IMGVR_UViG_3300045988_110480|3300045988|Ga0495776_095358: 18,310-38,020 (+)
endolysin (CDS_0034)
integrase (CDS_0043)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 mads_1 (CDS_0046)
28 29 30 33 35 38 42 44 45 47
MGV-GENOME-0336729: 18,310-39,035 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39 mads_1 (CDS_0048)
32 37 41 43integrase (CDS_0045)
28 29 30 33 35 38 42 44 46 47 49
MGV-GENOME-0320578: 18,310-40,629 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39integrase (CDS_0044)
32 37 41 43 mads_1 (CDS_0047)
28 29 30 33 35 38 42 45 46 48
IMGVR_UViG_3300045988_122249|3300045988|Ga0495776_057555: 18,310-39,061 (+)
endolysin (CDS_0034)
integrase (CDS_0044)
Arc-like repressor (CDS_0027) 40
31 36 39 mads_1 (CDS_0047)
32 37 41 43 48
28 29 30 33 35 38 42 45 46 49
IMGVR_UViG_3300029462_000004|3300029462|Ga0244093_100241: 18,310-38,995 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39 integrase (CDS_0045)
32 37 41 43 mads_1 (CDS_0048)
28 29 30 33 35 38 42 44 46 47 49
IMGVR_UViG_3300045988_110476|3300045988|Ga0495776_077378: 18,309-39,790 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39integrase (CDS_0044)
32 37 41 43 mads_1 (CDS_0047)
28 29 30 33 35 38 42 45 46 48
MGV-GENOME-0317336: 18,310-39,119 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0049)
28 29 30 33 35 38 42 44 45 46 47 48 50
IMGVR_UViG_3300045988_125625|3300045988|Ga0495776_113177: 18,310-41,249 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39integrase (CDS_0044)
30 33 37 41 43 mads_1 (CDS_0047)
28 29 32 35 38 42 45 46 48
MGV-GENOME-0316014: 18,310-39,096 (+)
endolysin (CDS_0034)
integrase (CDS_0043)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 mads_1 (CDS_0046)
28 29 30 33 35 38 42 44 45 47 48
MGV-GENOME-0315913: 18,310-38,647 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0050)
28 29 30 33 35 38 42 44 45 46 47 48 49 51
IMGVR_UViG_3300035651_000033|3300035651|Ga0134445_00269|422-56149: 18,244-41,891 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0050)
28 29 30 33 35 38 42 44 45 46 47 48 49 51
IMGVR_UViG_3300014783_000005|3300014783|Ga0134390_100246: 18,244-42,910 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0050)
28 29 30 33 35 38 42 44 45 46 47 48 49 51
IMGVR_UViG_3300045988_117442|3300045988|Ga0495776_141776: 18,309-42,893 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
30 37 41 43 mads_1 (CDS_0049)
28 29 32 35 38 42 44 45 46 47 48 50
MGV-GENOME-0320783: 18,310-40,720 (+)
hemolysin (CDS_0033)
Arc-like repressor (CDS_0027) 40
31 36 39 integrase (CDS_0045)
30 35 37 41 43 mads_1 (CDS_0048)
28 29 32 34 38 42 44 46 47 49
MGV-GENOME-0318714: 18,310-39,676 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
30 33 37 41 43 mads_1 (CDS_0047)
28 29 32 35 38 42 44 45 46 48
MGV-GENOME-0317487: 18,309-39,162 (+)
peptidase (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39integrase (CDS_0044)
32 37 41 43 mads_1 (CDS_0047)
28 29 30 33 35 38 42 45 46 48
MGV-GENOME-0317575: 18,310-39,140 (+)
endolysin (CDS_0034)
40
31 36 39
32 37 41 43 mads_1 (CDS_0048)
Arc-like repressor (CDS_0027) 28 29 30 33 35 38 42 44 45 46 47 49
IMGVR_UViG_3300045988_111657|3300045988|Ga0495776_177077|1-53375: 17,088-39,511 (+)
endolysin (CDS_0034)
integrase (CDS_0043)
40
31 36 39
32 37 41 mads_1 (CDS_0046)
Arc-like repressor (CDS_0027) 28 29 30 33 35 38 42 44 45 47
IMGVR_UViG_3300045988_121826|3300045988|Ga0495776_177808: 17,088-38,808 (+)
endolysin (CDS_0034)
40
31 36 39
30 33 37 41 43 mads_1 (CDS_0048)
Arc-like repressor (CDS_0027) 28 29 32 35 38 42 4445 46 47 49
MGV-GENOME-0317011: 17,130-39,171 (+)
endolysin (CDS_0034)
40
31 36 39 44
32 37 41 43 mads_1 (CDS_0051)
Arc-like repressor (CDS_0027) 28 29 30 33 35 38 42 45 46 47 48 49 50 52
uvig_125999: 17,088-41,187 (+)
Arc-like repressor (CDS_0027) transposase (CDS_0044)
endolysin (CDS_0034)
31 40
32 3638 41 43 mads_1 (CDS_0050)
26 28 29 30 33 35 3739 42 45 46 47 48 49 51
IMGVR_UViG_3300029035_000005|3300029035|Ga0169586_100103|75-56564: 17,130-42,912 (+)
Arc-like repressor (CDS_0027) transposase (CDS_0044)
endolysin (CDS_0034)
31 40
32 3638 41 43 mads_1 (CDS_0048)
26 28 29 30 33 35 3739 42 45 46 47 49
IMGVR_UViG_3300045988_118157|3300045988|Ga0495776_147346|1-53497: 17,130-39,919 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
30 33 37 41 43 mads_1 (CDS_0051)
28 29 32 35 38 42 44 45 46 47 48 49 50 52
MGV-GENOME-0323757: 18,309-42,195 (+)
endolysin (CDS_0033)
Arc-like repressor (CDS_0026) 39
30 35 38
baseplate wedge subunit (CDS_0020) 29 32 36 40 42 mads_1 (CDS_0047)
tail fiber protein (CDS_0022) 27 28 31 34 37 41 43 44 45 46 48
IMGVR_UViG_3300029482_000166|3300029482|Ga0244120_100257|27157-81121: 16,763-40,158 (+)
Arc-like repressor (CDS_0027) 40
31 36 39
30 33 35 37 41 43 45 47 49 mads_1 (CDS_0053)
28 29 32 34 38 42 44 46 48 50 51 52 54
MGV-GENOME-0324219: 18,311-42,672 (+)
hemolysin (CDS_0034)
endolysin (CDS_0035)
integrase (CDS_0044)
Arc-like repressor (CDS_0028) 41
32 37 40
31 38 42 mads_1 (CDS_0047)
24 25 29 30 33 36 39 43 45 46 48
IMGVR_UViG_3300045988_113747|3300045988|Ga0495776_095551: 17,129-38,386 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40 mads_1 (CDS_0054)
31 36 39 ATPase (CDS_0050)
32 37 41 43 49 integrase (CDS_0051)
28 29 30 33 35 38 42 44 45 46 4748 52 53 55
uvig_572410: 18,310-45,257 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
31 40
30 36 38 43 mads_1 (CDS_0049)
28 29 32 35 37 39 41 42 44 45 46 47 48 50
IMGVR_UViG_3300045988_083026|3300045988|Ga0495776_130212|1-55166: 18,310-41,445 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
31 40
30 36 38 43 mads_1 (CDS_0047)
28 29 32 35 37 39 41 42 44 45 464849
MGV-GENOME-0317432: 18,311-39,457 (+)

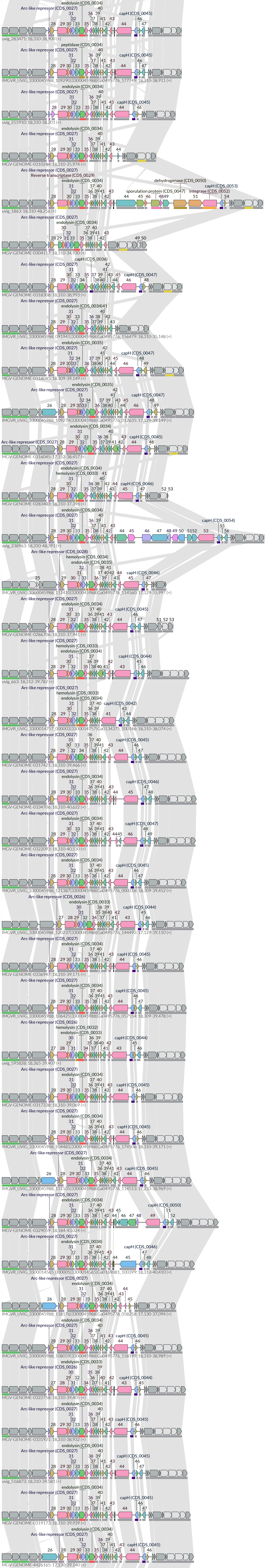

Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0049)
IMGV-GENOME-0319647: 18,309-40,168 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
MGV-GENOME-0321141: 18,310-41,098 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0047)
MGV-GENOME-0319725: 18,310-40,477 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0046)
IMGVR_UViG_3300029748_000011|3300029748|Ga0245205_1000516: 18,310-38,239 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0050)
MGV-GENOME-0323134: 18,310-42,102 (+)
endolysin (CDS_0034)
integrase (CDS_0044)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_113198|3300045988|Ga0495776_012615: 17,130-39,595 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0041)
mads_1 (CDS_0044)
MGV-GENOME-0338061: 18,310-37,726 (+)
Arc-like repressor (CDS_0028)
mads_1 (CDS_0046)
IMGVR_UViG_3300023490_000015|3300023490|Ga0257053_100269: 18,309-37,384 (+)
endolysin (CDS_0032)
mads_1 (CDS_0046)
IMGVR_UViG_3300045988_111074|3300045988|Ga0495776_188005|1-53411: 18,309-39,567 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0044)
MGV-GENOME-0314355: 18,310-38,037 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
hemolysin (CDS_0033)
mads_1 (CDS_0050)
IMGVR_UViG_3300045988_119682|3300045988|Ga0495776_130342|559-55449: 18,310-41,398 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
integrase (CDS_0045)
hemolysin (CDS_0033)
mads_1 (CDS_0048)
uvig_504829: 18,319-39,544 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0043)
mads_1 (CDS_0046)
IMGVR_UViG_3300045988_084792|3300045988|Ga0495776_114347: 18,310-38,586 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0045)
hemolysin (CDS_0033)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_110473|3300045988|Ga0495776_114437: 18,310-38,946 (+)
endolysin (CDS_0034)
integrase (CDS_0045)
hemolysin (CDS_0033)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
MGV-GENOME-0318388: 17,130-39,563 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
mads_1 (CDS_0052)
integrase (CDS_0049)
MGV-GENOME-0328417: 18,310-44,402 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0046)
mads_1 (CDS_0049)
MGV-GENOME-0320646: 18,308-40,981 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
integrase (CDS_0045)
Reverse transcriptase (CDS_0029)
mads_1 (CDS_0048)
uvig_460272: 18,365-39,521 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0049)
IMGVR_UViG_3300045988_101691|3300045988|Ga0495776_093744|1-54394: 18,308-40,888 (+)
endolysin (CDS_0034)
integrase (CDS_0044)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0047)
MGV-GENOME-0316656: 18,309-38,868 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
integrase (CDS_0047)
mads_1 (CDS_0050)
MGV-GENOME-0318790: 18,310-40,025 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
integrase (CDS_0046)
mads_1 (CDS_0049)
MGV-GENOME-0318731: 18,310-40,003 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0050)
IMGVR_UViG_3300045988_121522|3300045988|Ga0495776_093620|265-54343: 18,309-40,317 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0045)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_115141|3300045988|Ga0495776_057751: 18,309-39,676 (+)
peptidase (CDS_0034)
integrase (CDS_0045)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
uvig_205714: 18,310-39,622 (+)
endolysin (CDS_0034)
integrase (CDS_0045)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
MGV-GENOME-0317510: 18,310-39,450 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0049)
mads_1 (CDS_0052)
MGV-GENOME-0328256: 18,310-42,535 (+)
Arc-like repressor (CDS_0027)
integrase (CDS_0047)
mads_1 (CDS_0050)
IMGVR_UViG_3300045988_114294|3300045988|Ga0495776_093531: 18,310-40,522 (+)
integrase (CDS_0045)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
MGV-GENOME-0318095: 18,310-39,657 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0036)
endolysin (CDS_0034)
integrase (CDS_0046)
mads_1 (CDS_0049)
MGV-GENOME-0319105: 18,310-40,006 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
capH (CDS_0036)
endolysin (CDS_0034)
mads_1 (CDS_0049)
SAMEA3951677_b1_ct3: 18,310-39,893 (+)
tail length tape measure protein (CDS_0033)
endolysin (CDS_0040)
Arc-like repressor (CDS_0027)
integrase (CDS_0050)
minor tail protein (CDS_0035)
peptidase (CDS_0032)
mads_1 (CDS_0053)
IMGVR_UViG_3300045988_090226|3300045988|Ga0495776_056680: 18,310-44,383 (+)
endolysin (CDS_0034)
ABC transporter (VF0741) (CDS_0049)
Arc-like repressor (CDS_0027)
MntABC (VF0455) (CDS_0048)
mads_1 (CDS_0053)
integrase (CDS_0050)
uvig_257856: 18,310-46,837 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0054)
IMGVR_UViG_3300045988_133539|3300045988|Ga0495776_036201: 18,310-45,834 (+)

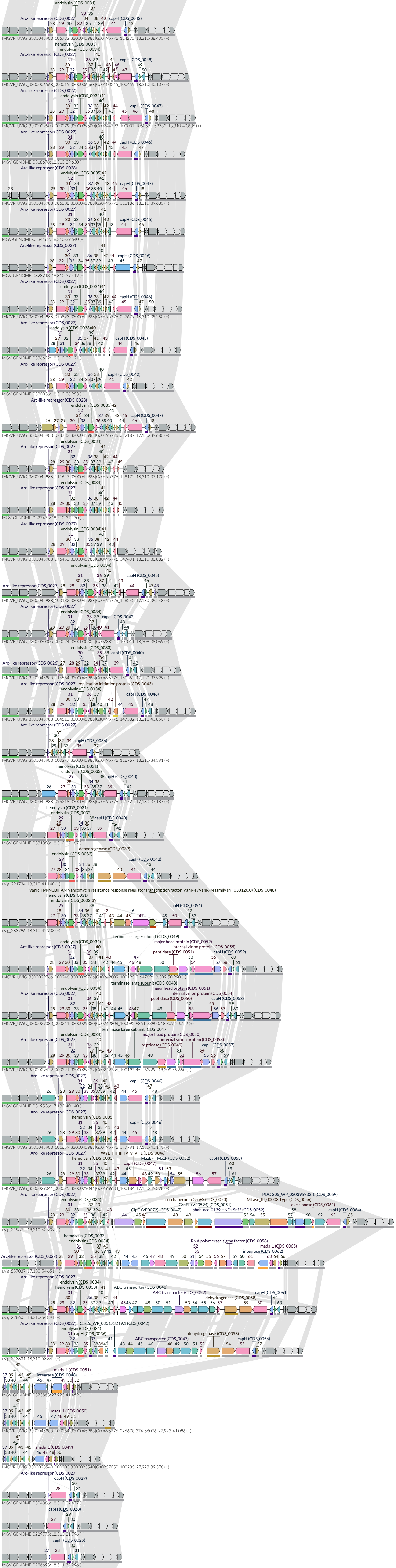

Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
DNA helicase (CDS_0045)
mads_1 (CDS_0051)
uvig_313133: 18,309-45,347 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0053)
integrase (CDS_0050)
IMGVR_UViG_3300045988_126083|3300045988|Ga0495776_037272: 18,310-43,636 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
mads_1 (CDS_0048)
IMGVR_UViG_3300014571_000009|3300014571|Ga0134369_100310: 18,310-39,453 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
hemolysin (CDS_0033)
integrase (CDS_0045)
holin (CDS_0035)
holin (CDS_0036)
mads_1 (CDS_0048)
IMGVR_UViG_3300029664_000002|3300029664|Ga0245211_100439: 18,310-39,093 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_117614|3300045988|Ga0495776_188574: 17,129-39,450 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0046)
MGV-GENOME-0315306: 18,310-38,538 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0044)
IMGVR_UViG_3300029588_000009|3300029588|Ga0245111_1000457: 18,310-37,545 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0046)
IMGVR_UViG_3300045988_110481|3300045988|Ga0495776_095545|1-51479: 18,310-37,978 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0045)
IMGVR_UViG_3300045988_097217|3300045988|Ga0495776_165378: 18,310-38,524 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_123518|3300045988|Ga0495776_057459|129-52939: 18,310-39,262 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0044)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_124808|3300045988|Ga0495776_038938: 18,311-38,993 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_126859|3300045988|Ga0495776_057564: 18,309-39,473 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_103515|3300045988|Ga0495776_057665: 18,309-39,571 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0046)
MGV-GENOME-0316383: 18,310-38,995 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_105774|3300045988|Ga0495776_114436: 18,310-38,891 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0047)
MGV-GENOME-0314034: 18,310-37,956 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_121358|3300045988|Ga0495776_163338|416-54391: 18,309-39,749 (+)
endolysin (CDS_0035)
Arc-like repressor (CDS_0028)
integrase (CDS_0045)
mads_1 (CDS_0048)
uvig_585498: 18,365-38,767 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0044)
mads_1 (CDS_0047)
MGV-GENOME-4426135: 18,311-38,993 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0044)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_119498|3300045988|Ga0495776_057348: 18,310-38,918 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_124009|3300045988|Ga0495776_057658|128-53144: 18,310-39,465 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
MGV-GENOME-0318273: 18,310-40,051 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0044)
mads_1 (CDS_0047)
uvig_256194: 18,310-38,987 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_114088|3300045988|Ga0495776_093510: 18,310-40,344 (+)
Arc-like repressor (CDS_0027)
integrase (CDS_0045)
mads_1 (CDS_0048)
MGV-GENOME-0319689: 18,310-40,214 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_109899|3300045988|Ga0495776_093353|1-53444: 18,310-39,623 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0046)
IMGVR_UViG_3300045988_113461|3300045988|Ga0495776_078164: 18,310-37,871 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0046)
IMGVR_UViG_3300045988_113157|3300045988|Ga0495776_095537: 18,310-38,398 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0045)
IMGVR_UViG_3300045988_103074|3300045988|Ga0495776_078196: 18,311-37,915 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0044)
IMGVR_UViG_3300045988_107613|3300045988|Ga0495776_078079|1-51061: 18,310-37,501 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_122232|3300045988|Ga0495776_057474|8-52952: 18,311-39,195 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0045)
MGV-GENOME-0314498: 18,311-38,002 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
MGV-GENOME-0318355: 18,310-39,495 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0045)
MGV-GENOME-0313476: 18,310-37,685 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0045)
IMGVR_UViG_3300045988_117618|3300045988|Ga0495776_077985: 18,310-37,685 (+)
endolysin (CDS_0033)
mads_1 (CDS_0049)
Arc-like repressor (CDS_0026)
integrase (CDS_0046)
MGV-GENOME-0323963: 17,131-42,211 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0052)
uvig_22598: 18,309-42,259 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_114601|3300045988|Ga0495776_057667: 18,309-39,489 (+)

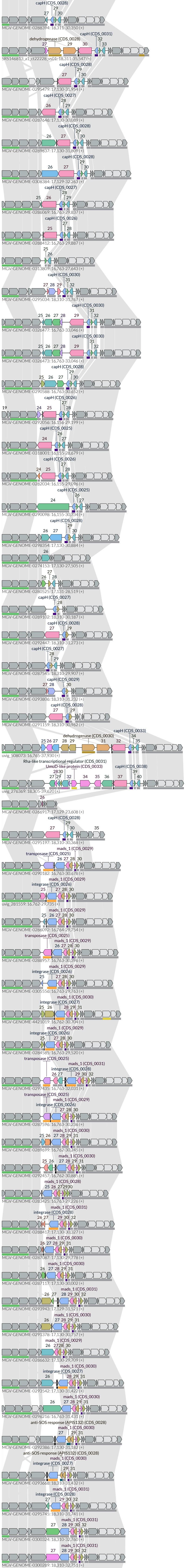

Arc-like repressor (CDS_0028)
endolysin (CDS_0035)
transposase (CDS_0025)
mads_1 (CDS_0052)
IMGVR_UViG_3300045988_125632|3300045988|Ga0495776_091241|18,310-45,440 (+)
Arc-like repressor (CDS_0028)
endolysin (CDS_0035)
DNA primase (CDS_0048)
transposase (CDS_0025)
mads_1 (CDS_0052)
MGV-GENOME-0330405|18,310-45,440 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0041)
mads_1 (CDS_0044)
IMGVR_UViG_3300045988_116586|3300045988|Ga0495776_147291|18,310-37,267 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
mads_1 (CDS_0043)
IMGVR_UViG_3300045988_097266|3300045988|Ga0495776_078114|1-51283|18,310-37,303 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0041)
mads_1 (CDS_0044)
baseplate protein (CDS_0022)
MGV-GENOME-0324409|17,130-37,267 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0042)
mads_1 (CDS_0045)
IMGVR_UViG_3300045988_095894|3300045988|Ga0495776_095536|17,129-37,721 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0040)
mads_1 (CDS_0043)
IMGVR_UViG_3300045988_123113|3300045988|Ga0495776_057986|18,310-37,108 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
replisome organizer (CDS_0055)
mads_1 (CDS_0047)
MGV-GENOME-0312688|18,310-39,304 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
DNA helicase (CDS_0046)
mads_1 (CDS_0053)
uvig_532418|18,309-44,557 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
DNA helicase (CDS_0046)
mads_1 (CDS_0051)
integrase (CDS_0048)
MGV-GENOME-0324285|18,345-42,694 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_110474|3300045988|Ga0495776_114695|284-52778|17,130-38,859 (+)
integrase (CDS_0043)
mads_1 (CDS_0046)
Arc-like repressor (CDS_0027)
IMGVR_UViG_3300045988_103078|3300045988|Ga0495776_000304|17,130-38,812 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0047)
MGV-GENOME-0318119|17,129-39,040 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
MGV-GENOME-0317787|16,763-38,865 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0046)
IMGVR_UViG_3300045988_105099|3300045988|Ga0495776_078317|16,763-37,963 (+)
Arc-like repressor (CDS_0027)
DNA helicase (CDS_0047)
endolysin (CDS_0034)
DNA helicase (CDS_0046)
mads_1 (CDS_0052)
integrase (CDS_0049)
MGV-GENOME-0338354|18,310-45,095 (+)
anti-SOS response (APIS132) (CDS_0041)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0043)
endolysin (CDS_0034)
IMGVR_UViG_3300045988_091925|3300045988|Ga0495776_047072|18,310-36,003 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0043)
endolysin (CDS_0034)
MGV-GENOME-0309787|18,310-36,298 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
MGV-GENOME-0305356|18,310-34,808 (+)
Lamassu-Fam__LmuA_effector_Hydrolase (CDS_0045)
Lamassu-Fam__LmuA_effector_Protease (CDS_0046)
Arc-like repressor (CDS_0027)
Lamassu-Fam__LmuB_SMC_Hydrolase_protease (CDS_0047)
mads_1 (CDS_0053)
MGV-GENOME-0334959|18,309-48,251 (+)
Arc-like repressor (CDS_0028)
integrase (CDS_0045)
mads_1 (CDS_0048)
MGV-GENOME-0312455|17,130-39,564 (+)
mads_1 (CDS_0044)
endolysin (CDS_0034)
hemolysin (CDS_0033)
Arc-like repressor (CDS_0027)
IMGVR_UViG_3300045988_091959|3300045988|Ga0495776_069137|17,130-36,968 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
capH (CDS_0036)
tRNA methyltransferase (CDS_0049)
endolysin (CDS_0034)
ABC transporter (CDS_0053)
integrase (CDS_0056)
mads_1 (CDS_0059)
Han_2018_ERR1398160_NODE_140_length_60502_cov_12.835773|18,310-46,713 (+)
endolysin (CDS_0032)
mads_1 (CDS_0053)
IMGVR_UViG_3300023506_000009|3300023506|Ga0257040_100033|18,310-45,590 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0057)
uvig_397545|18,309-52,771 (+)
Arc-like repressor (CDS_0025)
SigH (VF0296) (CDS_0042)
hemolysin (CDS_0031)
endolysin (CDS_0032)
mads_1 (CDS_0048)
uvig_143976|18,310-42,402 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
mads_1 (CDS_0048)
IMGVR_UViG_3300008482_000013|3300008482|Ga0115187_100293|18,310-39,484 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
mads_1 (CDS_0047)
MGV-GENOME-0317021|18,310-38,622 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
hemolysin (CDS_0033)
mads_1 (CDS_0047)
MGV-GENOME-0317880|18,310-39,052 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
integrase (CDS_0046)
mads_1 (CDS_0049)
IMGVR_UViG_3300045988_118649|3300045988|Ga0495776_150462|18,310-39,615 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
integrase (CDS_0044)
mads_1 (CDS_0047)
MGV-GENOME-0318033|18,310-39,100 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
MGV-GENOME-0318649|18,310-39,121 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_094523|3300045988|Ga0495776_057813|18,310-38,924 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0050)
IMGVR_UViG_3300045988_107623|3300045988|Ga0495776_093344|18,310-39,899 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0046)
MGV-GENOME-4426449|18,312-37,916 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0051)
integrase (CDS_0048)
IMGVR_UViG_3300045988_108275|3300045988|Ga0495770_056385|18,309-43,549 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0050)
integrase (CDS_0047)
MGV-GENOME-0323579|18,310-41,818 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0051)
integrase (CDS_0048)
MGV-GENOME-0323451|18,322-41,762 (+)

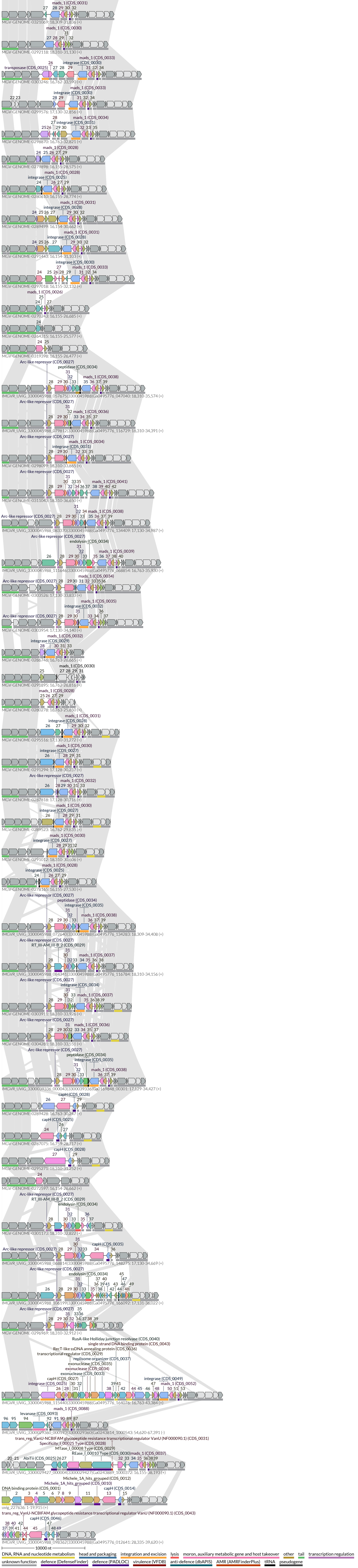

endolysin (CDS_0033)
Arc-like repressor (CDS_0026)
40
30 39
31
35 37 41 43 mads_1 (CDS_0047)
27 28 29 32 34 36 38 42 44 45 46 48
MGV-GENOME-0317353: 18,310-38,680 (+)
endolysin (CDS_0033)
Arc-like repressor (CDS_0026)
40
30 39
29 32 35 37 41 43 mads_1 (CDS_0047)
27 28 31 34 36 38 42 44 45 46 48
IMGVR_UViG_3300007288_000002|3300007288|Ga0104346_100197: 18,310-38,684 (+)
endolysin (CDS_0033)
40
Arc-like repressor (CDS_0027) 39 integrase (CDS_0045)
30 32 35 37 41 43 mads_1 (CDS_0048)
28 29 31 34 36 38 42 44 46 47 49
MGV-GENOME-0318868: 18,310-39,278 (+)
endolysin (CDS_0032)
39
29 38
28 31 34 36 40 42 mads_1 (CDS_0046)
27 30 33 35 37 41 43 44 45 47
IMGVR_UViG_3300045988_101680|3300045988|Ga0495776_114446|558-52508: 18,311-37,806 (+)
endolysin (CDS_0033)
40
Arc-like repressor (CDS_0027) 39 mads_1 (CDS_0049)
30 32 35 37 41 43 integrase (CDS_0046)
28 29 31 34 36 38 42 44 45 47 48 50
IMGVR_UViG_3300045988_092473|3300045988|Ga0495776_093576: 18,310-39,954 (+)
40
Arc-like repressor (CDS_0027) 35 39 mads_1 (CDS_0049)
30 32 34 37 41 43 integrase (CDS_0046)
28 29 31 33 36 38 42 44 45 47 48 50
MGV-GENOME-0320256: 18,310-39,954 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
Reverse transcriptase (CDS_0029) 41 integrase (CDS_0046)
31 40 integrase (CDS_0045)
30 33 36 38 42 44 mads_1 (CDS_0049)
28 32 35 37 39 43 47 48 50
uvig_158202: 18,309-39,931 (+)
endolysin (CDS_0034)
integrase (CDS_0044)
Arc-like repressor (CDS_0027) 41
31 40
30 33 36 38 42 mads_1 (CDS_0047)
28 29 32 35 37 39 43 45 46 48
MGV-GENOME-0319899: 18,310-37,885 (+)
peptidase (CDS_0034)
Arc-like repressor (CDS_0027) 41
31 40 integrase (CDS_0046)
32 36 38 42 44 mads_1 (CDS_0049)
28 29 30 33 35 37 39 43 45 47 48 50
MGV-GENOME-0322724: 18,309-39,450 (+)
peptidase (CDS_0034)
Arc-like repressor (CDS_0027) 41
31 40 integrase (CDS_0045)
32 36 38 42 44 mads_1 (CDS_0048)
28 29 30 33 35 37 39 43 46 47 49
MGV-GENOME-0317701: 18,309-38,742 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 41
31 40
32 36 38 42 44 mads_1 (CDS_0048)
25 26 28 29 30 33 35 37 39 43 45 46 47 49
IMGVR_UViG_3300008058_000004|3300008058|Ga0114167_100419: 17,130-38,694 (+)
endolysin (CDS_0033)
Arc-like repressor (CDS_0026) 40
30 39
31 35 37 41 43 mads_1 (CDS_0047)
25 27 28 29 32 34 36 38 42 44 45 46 48
MGV-GENOME-0316239: 17,130-38,175 (+)
Arc-like repressor (CDS_0027) 41
31 36 40
30 33 35 38 42 44 mads_1 (CDS_0049)
26 28 29 32 34 37 39 43 45 46 47 48 50
IMGVR_UViG_3300045988_092777|3300045988|Ga0495776_164040: 17,130-39,327 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 40 mads_1 (CDS_0053)
32 36 38 43 integrase (CDS_0050)
28 29 30 33 35 37 39 41 42 44 45 46 47 4849 51 52 54
MGV-GENOME-0333407: 18,310-46,799 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 40
32 36 38 43 mads_1 (CDS_0051)
28 29 30 33 35 37 39 41 42 44 45 46 47 48 49 50 52
IMGVR_UViG_3300045988_135643|3300045988|Ga0495776_073510|1-57526: 18,310-43,402 (+)
RT_III-AM_III-B_2 (CDS_0029)
hemolysin (CDS_0033)
capH (CDS_0036)
endolysin (CDS_0034) 42
31 41
30 37 39 43 45 mads_1 (CDS_0049)
Arc-like repressor (CDS_0027) 28 32 35 38 40 44 46 47 48 50
IMGVR_UViG_3300045988_103106|3300045988|Ga0495776_077395|1-53324: 17,130-38,984 (+)
capH (CDS_0036)
hemolysin (CDS_0033) 42
31 41 integrase (CDS_0046)
30 35 37 39 43 45 mads_1 (CDS_0049)
Arc-like repressor (CDS_0027) 28 29 32 34 38 40 44 47 48 50
MGV-GENOME-0318555: 17,130-39,125 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0036)
hemolysin (CDS_0033) 42
31 41
30 35 37 39 43 45 mads_1 (CDS_0050)
26 28 29 32 34 38 40 44 46 47 48 49 51
IMGVR_UViG_3300029784_000107|3300029784|Ga0243806_1000666|413-54929: 17,129-40,172 (+)
Arc-like repressor (CDS_0027)
Reverse transcriptase (CDS_0029)
hemolysin (CDS_0033) integrase (CDS_0046)
capH (CDS_0036)
endolysin (CDS_0034) 42
31 41
30 37 39 43 45 mads_1 (CDS_0049)
26 28 32 35 38 40 44 47 48 50
uvig_446938: 17,129-38,901 (+)
Arc-like repressor (CDS_0028)
hemolysin (CDS_0034) 42
32 37 41
31 36 39 43 45 mads_1 (CDS_0049)
27 29 30 33 35 38 40 44 46 47 48 50
IMGVR_UViG_3300014358_000002|3300014358|Ga0135353_100028: 17,137-40,183 (+)
Arc-like repressor (CDS_0027) integrase (CDS_0046)
capH (CDS_0036)
hemolysin (CDS_0033) 42
31 41
30 35 37 39 43 45 mads_1 (CDS_0049)
26 28 29 32 34 38 40 44 47 48 50
MGV-GENOME-0317991: 17,128-38,871 (+)
Arc-like repressor (CDS_0027) integrase (CDS_0046)
capH (CDS_0036)
hemolysin (CDS_0033) 42
31 41
30 35 37 39 43 45 mads_1 (CDS_0049)
28 29 32 34 38 40 44 4748 50 54
IMGVR_UViG_3300045988_085882|3300045988|Ga0495776_012648: 18,310-38,971 (+)
Arc-like repressor (CDS_0027) integrase (CDS_0046)
capH (CDS_0036)
hemolysin (CDS_0033) 42
31 41
30 35 37 39 43 45 mads_1 (CDS_0049)
28 29 32 34 38 40 44 4748 50
MGV-GENOME-0318212: 18,310-38,971 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0036)
hemolysin (CDS_0033) 42
31 41
30 35 37 39 43 45 mads_1 (CDS_0051)
28 29 32 34 38 40 44 46 47 48 49 50 52
uvig_306778: 18,309-40,903 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 40
30 33 3638 41 43 mads_1 (CDS_0047)
28 29 32 35 3739 42 44 45 46 48
MGV-GENOME-0317255: 18,310-35,953 (+)
endolysin (CDS_0034)
integrase (CDS_0044)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0047)
28 29 30 33 35 38 42 45 46 48
MGV-GENOME-4426131: 18,310-35,938 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0048)
28 29 30 33 35 38 42 44 45 46 47 49
IMGVR_UViG_3300045988_108278|3300045988|Ga0495776_093363|497-54051: 18,310-39,271 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) 40
31 36 39
32 37 41 43 mads_1 (CDS_0048)
28 29 30 33 35 38 42 44 45 46 47 49
uvig_335787: 18,310-39,590 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027) integrase (CDS_0044)
capH (CDS_0036)
31 41
32 37 39 42 mads_1 (CDS_0047)
28 29 30 33 35 38 40 43 45 46 48
uvig_55244: 18,310-38,002 (+)
Arc-like repressor (CDS_0027)
31 40
30 33 36 38 41 mads_1 (CDS_0046)
26 28 29 32 3435 37 39 42 43 44 45 47
IMGVR_UViG_3300045988_105209|3300045988|Ga0495776_095572|119-52068: 17,130-37,838 (+)
capH (CDS_0036)
Arc-like repressor (CDS_0027) 42 mads_1 (CDS_0056)
31 41
30 33 37 39 43 45 48 50 integrase (CDS_0053)
28 29 32 3435 38 40 44 46 47 49 51 52 54 55 57
MGV-GENOME-0328776: 18,310-43,816 (+)
Arc-like repressor (CDS_0027) DNA helicase (CDS_0047)
endolysin (CDS_0034) DNA helicase (CDS_0046)
31 40 mads_1 (CDS_0053)
32 36 38 43 49 51
28 29 30 33 35 37 39 41 42 44 45 48 50 52 54
uvig_546577: 18,310-42,807 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
hemolysin (CDS_0033) integrase (CDS_0044)
31 37 40
30 36 39 41 43 mads_1 (CDS_0047)
28 29 32 35 38 42 45 46 48
uvig_586608: 18,310-37,914 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31 37 40
32 36 39 41 43 mads_1 (CDS_0047)
28 29 30 33 35 38 42 44 45 46 48
MGV-GENOME-0315994: 18,310-38,094 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
31 37
30 36 39 42 mads_1 (CDS_0046)
28 29 32 35 38 40 41 43 44 45 47
MGV-GENOME-0314867: 18,310-37,939 (+)


hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0048)
IMGVR_UViG_3300045988_119139|3300045988|Ga0495776_114316: 17,129-38,252 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
PDC-S01_WP_099993690.1 (CDS_0046)
endolysin (CDS_0034)
mads_1 (CDS_0056)
integrase (CDS_0053)
uvig_515021: 17,128-49,460 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
mads_1 (CDS_0053)
integrase (CDS_0050)
IMGVR_UViG_3300045988_121227|3300045988|Ga0495776_181532: 17,128-46,812 (+)
mads_1 (CDS_0038)
IMGVR_UViG_7000000661_000032|7000000661|SRS052027_LANL_scaffold_16499: 18,310-34,046 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
integrase (CDS_0044)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_122806|3300045988|Ga0495776_057797: 18,309-36,597 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_118658|3300045988|Ga0495776_057744: 18,309-36,686 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0050)
uvig_268762: 18,309-38,986 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0048)
MGV-GENOME-0317592: 18,309-36,510 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
mads_1 (CDS_0050)
IMGVR_UViG_3300029785_000005|3300029785|Ga0243763_1000445|145-56017: 18,310-39,312 (+)
endolysin (CDS_0034)
mads_1 (CDS_0048)
IMGVR_UViG_3300029431_000005|3300029431|Ga0243758_1000473: 18,310-37,864 (+)
endolysin (CDS_0034)
mads_1 (CDS_0046)
IMGVR_UViG_3300029433_000291|3300029433|Ga0243761_1000399|172-52881: 18,310-36,149 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0040)
mads_1 (CDS_0043)
MGV-GENOME-0335168: 17,128-36,289 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
IMGVR_UViG_3300045988_091938|3300045988|Ga0495776_028546: 17,128-35,036 (+)
hemolysin (CDS_0033)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0043)
endolysin (CDS_0034)
IMGVR_UViG_3300045988_071596|3300045988|Ga0495776_010197: 17,130-35,899 (+)
Arc-like repressor (CDS_0027)
zinc containing alcohol dehydrogenase superfamily (CDS_0054)
mads_1 (CDS_0063)
IMGVR_UViG_3300028990_000042|3300028990|Ga0169622_100134: 18,322-54,749 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0050)
integrase (CDS_0047)
uvig_257573: 17,130-41,859 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0049)
integrase (CDS_0046)
IMGVR_UViG_3300029566_000023|3300029566|Ga0244934_100358: 17,130-40,241 (+)
Arc-like repressor (CDS_0027)
integrase (CDS_0044)
mads_1 (CDS_0047)
MGV-GENOME-0343707: 18,310-38,469 (+)
Arc-like repressor (CDS_0027)
integrase (CDS_0044)
mads_1 (CDS_0047)
IMGVR_UViG_3300045988_107346|3300045988|Ga0495776_149973: 18,310-38,469 (+)
Arc-like repressor (CDS_0027)
Reverse transcriptase (CDS_0029)
endolysin (CDS_0034)
mads_1 (CDS_0053)
uvig_157668: 18,310-48,644 (+)
endolysin (CDS_0033)
RNA polymerase sigma factor (CDS_0046)
mads_1 (CDS_0053)
IMGVR_UViG_3300029756_000290|3300029756|Ga0244840_1000848|60774-118820: 18,310-46,213 (+)
vanR_FM-NCBIFAM vancomycin resistance response regulator transcription factor, VanR-F/VanR-M family (NF033120.0) (CDS_0048)
Arc-like repressor (CDS_0027)
integrase (CDS_0056)
mads_1 (CDS_0059)
uvig_7215: 18,312-49,262 (+)
Arc-like repressor (CDS_0027)
MGV-GENOME-0304884: 18,310-35,352 (+)
Arc-like repressor (CDS_0027)
MGV-GENOME-0300564: 18,310-33,984 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
integrase (CDS_0044)
uvig_98535: 18,310-38,103 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
MGV-GENOME-0311219: 18,244-36,513 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
uvig_23067: 18,312-36,377 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
MGV-GENOME-0308153: 18,312-34,798 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
MGV-GENOME-0307394: 18,310-35,043 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
IMGVR_UViG_3300029207_000004|3300029207|Ga0168683_100308: 18,311-36,362 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0046)
IMGVR_UViG_3300045988_101646|3300045988|Ga0495776_077487: 18,310-39,502 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
capH (CDS_0045)
uvig_537286: 18,310-38,211 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
IMGVR_UViG_3300045988_117629|3300045988|Ga0495776_095442: 18,307-38,008 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
IMGVR_UViG_3300045988_108085|3300045988|Ga0495776_176967: 18,310-37,810 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
MGV-GENOME-0315087: 18,307-38,008 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
MGV-GENOME-0335769: 18,310-37,810 (+)
Arc-like repressor (CDS_0028)
endolysin (CDS_0035)
capH (CDS_0046)
IMGVR_UViG_3300045988_118167|3300045988|Ga0495776_095504: 17,127-38,103 (+)
Arc-like repressor (CDS_0028)
endolysin (CDS_0035)
capH (CDS_0046)
MGV-GENOME-0311223: 17,127-38,103 (+)


endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
capH (CDS_0045)
uvig_283471: 18,310-38,900 (+)
peptidase (CDS_0034)
Arc-like repressor (CDS_0027)
capH (CDS_0045)
IMGVR_UViG_3300045988_109290|3300045988|Ga0495776_177749: 18,310-38,911 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
capH (CDS_0045)
uvig_255910: 18,310-38,201 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
MGV-GENOME-0310244: 18,310-35,974 (+)
Arc-like repressor (CDS_0027)
Reverse transcriptase (CDS_0029)
endolysin (CDS_0034)
dehydrogenase (CDS_0050)
capH (CDS_0053)
sporulation protein (CDS_0047)
integrase (CDS_0052)
uvig_1863: 18,310-48,256 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
MGV-GENOME-0304117: 18,310-34,930 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0036)
capH (CDS_0047)
MGV-GENOME-0318308: 18,310-38,993 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
IMGVR_UViG_3300045988_091941|3300045988|Ga0495776_156479: 18,310-35,148 (+)
endolysin (CDS_0035)
Arc-like repressor (CDS_0027)
capH (CDS_0047)
MGV-GENOME-0318045: 18,309-39,149 (+)
endolysin (CDS_0035)
Arc-like repressor (CDS_0027)
capH (CDS_0047)
IMGVR_UViG_3300045988_109274|3300045988|Ga0495776_012635: 17,129-39,149 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
capH (CDS_0045)
MGV-GENOME-0316045: 17,152-38,457 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
hemolysin (CDS_0033)
capH (CDS_0046)
MGV-GENOME-0283403: 18,310-37,398 (+)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
capH (CDS_0054)
uvig_238963: 18,310-48,391 (+)
Arc-like repressor (CDS_0028)
hemolysin (CDS_0034)
endolysin (CDS_0035)
capH (CDS_0046)
IMGVR_UViG_3300045988_111410|3300045988|Ga0495776_114560: 17,129-35,997 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
MGV-GENOME-0286706: 18,310-37,941 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0033)
endolysin (CDS_0034)
capH (CDS_0044)
uvig_663: 18,312-39,782 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
capH (CDS_0042)
IMGVR_UViG_3300014757_000003|3300014757|Ga0134375_100146: 18,310-38,074 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0045)
MGV-GENOME-0317421: 18,310-39,466 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0046)
MGV-GENOME-0334706: 18,310-40,622 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0047)
MGV-GENOME-0322093: 18,310-40,530 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
IMGVR_UViG_3300045988_121387|3300045988|Ga0495776_000318: 18,309-39,452 (+)
Arc-like repressor (CDS_0026)
endolysin (CDS_0033)
capH (CDS_0044)
IMGVR_UViG_3300045988_120237|3300045988|Ga0495776_144492: 17,129-39,110 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
MGV-GENOME-0336947: 18,310-39,171 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
IMGVR_UViG_3300045988_106425|3300045988|Ga0495776_057554: 18,309-39,478 (+)
Arc-like repressor (CDS_0026)
hemolysin (CDS_0032)
endolysin (CDS_0033)
capH (CDS_0044)
uvig_595828: 18,365-39,407 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
MGV-GENOME-0317338: 18,310-39,069 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
IMGVR_UViG_3300045988_104481|3300045988|Ga0495776_174506: 18,310-39,171 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
IMGVR_UViG_3300045988_111535|3300045988|Ga0495776_114513: 17,233-38,969 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0050)
MGV-GENOME-0329059: 18,184-43,024 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0046)
IMGVR_UViG_3300014565_000005|3300014565|Ga0169881_100399: 18,310-40,410 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
IMGVR_UViG_3300045988_118176|3300045988|Ga0495776_058258: 17,130-37,094 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
IMGVR_UViG_3300045988_108059|3300045988|Ga0495776_158199: 18,310-38,989 (+)
Arc-like repressor (CDS_0026)
endolysin (CDS_0033)
capH (CDS_0044)
MGV-GENOME-0322758: 18,310-39,405 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
MGV-GENOME-0331921: 18,310-38,932 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
uvig_516873: 18,310-39,581 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
MGV-GENOME-0319173: 18,310-39,939 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0045)
MGV-GENOME-4426165: 17,130-39,140 (+)


endolysin (CDS_0031)
Arc-like repressor (CDS_0027)
capH (CDS_0042)
IMGVR_UViG_3300045988_106782|3300045988|Ga0495776_114275: 18,310-38,403 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
Arc-like repressor (CDS_0027)
capH (CDS_0048)
IMGVR_UViG_3300036568_000015|3300036568|Ga0100215_100459: 18,310-40,107 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0047)
IMGVR_UViG_3300029500_000079|3300029500|Ga0244793_100007|105057-159782: 18,310-40,836 (+)
Arc-like repressor (CDS_0027)
MGV-GENOME-0318678: 18,310-39,630 (+)
Arc-like repressor (CDS_0028)
endolysin (CDS_0035)
capH (CDS_0047)
IMGVR_UViG_3300045988_086338|3300045988|Ga0495776_012186: 18,310-39,683 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0045)
MGV-GENOME-0334162: 18,310-39,640 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0046)
MGV-GENOME-0328213: 18,310-39,419 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0046)
IMGVR_UViG_3300045988_095893|3300045988|Ga0495776_057679: 18,310-39,280 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0033)
capH (CDS_0045)
MGV-GENOME-0336602: 18,310-39,121 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0042)
MGV-GENOME-0320036: 18,310-38,253 (+)
Arc-like repressor (CDS_0028)
endolysin (CDS_0035)
capH (CDS_0047)
IMGVR_UViG_3300045988_078783|3300045988|Ga0495776_012187: 17,130-39,680 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
IMGVR_UViG_3300045988_111647|3300045988|Ga0495776_158172: 18,310-37,170 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
MGV-GENOME-0327473: 18,310-37,170 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
IMGVR_UViG_3300045988_076453|3300045988|Ga0495776_047401: 18,310-36,882 (+)
endolysin (CDS_0034)
capH (CDS_0045)
Arc-like repressor (CDS_0027)
IMGVR_UViG_3300045988_103132|3300045988|Ga0495776_158242: 17,130-39,543 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
capH (CDS_0042)
IMGVR_UViG_3300030305_000024|3300030305|Ga0238540_100011: 18,309-38,069 (+)
endolysin (CDS_0033)
capH (CDS_0040)
Arc-like repressor (CDS_0026)
IMGVR_UViG_3300045988_116564|3300045988|Ga0495776_150353: 17,130-37,929 (+)
Arc-like repressor (CDS_0027)
replication initiation protein (CDS_0043)
endolysin (CDS_0034)
capH (CDS_0046)
IMGVR_UViG_3300045988_104513|3300045988|Ga0495776_147332: 18,311-40,850 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0036)
IMGVR_UViG_3300045988_100277|3300045988|Ga0495776_116767: 18,310-34,391 (+)
hemolysin (CDS_0031)
endolysin (CDS_0032)
capH (CDS_0040)
IMGVR_UViG_3300045988_096218|3300045988|Ga0495776_151725: 17,130-37,187 (+)
hemolysin (CDS_0031)
endolysin (CDS_0032)
capH (CDS_0040)
MGV-GENOME-0331358: 18,310-37,187 (+)
dehydrogenase (CDS_0039)
endolysin (CDS_0032)
capH (CDS_0042)
uvig_221734: 18,310-41,140 (+)
vanR_FM-NCBIFAM vancomycin resistance response regulator transcription factor VanR-F/VanR-M family (NF033120.0) (CDS_0048)
hemolysin (CDS_0031)
endolysin (CDS_0032)
capH (CDS_0051)
uvig_283796: 18,310-45,903 (+)
terminase large subunit (CDS_0049)
endolysin (CDS_0034)
major head protein (CDS_0052)
internal virion protein (CDS_0055)
Arc-like repressor (CDS_0027)
peptidase (CDS_0051)
capH (CDS_0059)
IMGVR_UViG_3300029766_000248|3300029766|Ga0242809_100125|2-64789: 18,309-50,990 (+)
terminase large subunit (CDS_0048)
endolysin (CDS_0034)
major head protein (CDS_0051)
internal virion protein (CDS_0054)
Arc-like repressor (CDS_0027)
peptidase (CDS_0050)
capH (CDS_0058)
IMGVR_UViG_3300029330_000241|3300029330|Ga0242808_100092|9351-73900: 18,309-50,752 (+)
terminase large subunit (CDS_0047)
endolysin (CDS_0034)
major head protein (CDS_0050)
internal virion protein (CDS_0053)
Arc-like repressor (CDS_0027)
peptidase (CDS_0049)
capH (CDS_0057)
IMGVR_UViG_3300029422_000321|3300029422|Ga0242786_100197|451-63898: 18,309-49,650 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0046)
MGV-GENOME-0319536: 17,130-40,140 (+)
Arc-like repressor (CDS_0027)
hemolysin (CDS_0035)
capH (CDS_0046)
IMGVR_UViG_3300045988_101659|3300045988|Ga0495776_077791: 17,130-40,140 (+)
Arc-like repressor (CDS_0027)
WYL_I_II_III_IV_V_VI_1 (CDS_0046)
hemolysin (CDS_0035)
MazEF__MazF (CDS_0052)
capH (CDS_0047)
capH (CDS_0058)
IMGVR_UViG_3300029041_000075|3300029041|Ga0169684_100184: 17,130-49,378 (+)
PDC-S05_WP_020395932.1 (CDS_0059)
Arc-like repressor (CDS_0027)
co-chaperonin GroES (CDS_0050)
MTase_III_00003 Type (CDS_0056)
endolysin (CDS_0034)
GroEL (VF0594) (CDS_0051)
excisionase (CDS_0061)
ClpC (VF0072) (CDS_0047)
shah_acc_0139 HKD+Snf2 (CDS_0052)
capH (CDS_0064)
uvig_557872: 18,310-63,909 (+)
hemolysin (CDS_0033)
endolysin (CDS_0034)
RNA polymerase sigma factor (CDS_0058)
mads_1 (CDS_0065)
integrase (CDS_0062)
Arc-like repressor (CDS_0027)
uvig_557037: 17,130-54,651 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
hemolysin (CDS_0033)
ABC transporter (CDS_0048)
ABC transporter (CDS_0052)
capH (CDS_0061)
dehydrogenase (CDS_0058)
uvig_228605: 18,310-54,891 (+)
Arc-like repressor (CDS_0027)
Cas2c_WP_035173219.1 (CDS_0042)
endolysin (CDS_0034)
capH (CDS_0036)
dehydrogenase (CDS_0053)
ABC transporter (CDS_0047)
capH (CDS_0056)
uvig_213831: 18,310-53,342 (+)
mads_1 (CDS_0051)
integrase (CDS_0048)
MGV-GENOME-0323863: 27,923-41,459 (+)
mads_1 (CDS_0050)
IMGVR_UViG_3300045988_100264|3300045988|Ga0495776_026678|374-56076: 27,923-41,086 (+)
mads_1 (CDS_0049)
IMGVR_UViG_3300023540_000003|3300023540|Ga0257050_100235: 27,923-39,378 (+)
Arc-like repressor (CDS_0027)
capH (CDS_0029)
MGV-GENOME-0304886: 18,310-32,477 (+)
capH (CDS_0028)
MGV-GENOME-0289775: 18,310-31,796 (+)
capH (CDS_0029)
MGV-GENOME-0296693: 18,311-32,296 (+)


capH (CDS_0028)
MGV-GENOME-0288394: 18,311-30,350 (+)
capH (CDS_0031)
dehydrogenase (CDS_0028)
SRS146813_a1_ct22228_vs01: 18,311-35,547 (+)
capH (CDS_0028)
MGV-GENOME-0295479: 17,130-31,954 (+)
capH (CDS_0027)
MGV-GENOME-0287646: 17,130-30,089 (+)
capH (CDS_0028)
MGV-GENOME-0289837: 17,130-31,809 (+)
capH (CDS_0028)
MGV-GENOME-0308384: 17,129-32,263 (+)
capH (CDS_0027)
MGV-GENOME-0286069: 16,763-29,837 (+)
capH (CDS_0026)
MGV-GENOME-0288412: 16,763-29,887 (+)
MGV-GENOME-0313809: 16,763-27,643 (+)
capH (CDS_0030)
MGV-GENOME-0295034: 18,310-31,767 (+)
capH (CDS_0030)
MGV-GENOME-0326477: 16,763-33,046 (+)
capH (CDS_0030)
MGV-GENOME-0326473: 16,763-33,046 (+)
capH (CDS_0028)
MGV-GENOME-0290588: 16,763-30,652 (+)
capH (CDS_0026)
MGV-GENOME-0292056: 16,156-29,199 (+)
capH (CDS_0025)
MGV-GENOME-0318001: 16,155-28,679 (+)
capH (CDS_0026)
MGV-GENOME-0282034: 16,155-29,096 (+)
capH (CDS_0025)
MGV-GENOME-0290098: 16,155-30,734 (+)
capH (CDS_0028)
MGV-GENOME-0298354: 17,130-30,884 (+)
MGV-GENOME-0274153: 17,130-27,505 (+)
MGV-GENOME-0280525: 17,131-28,519 (+)
capH (CDS_0027)
MGV-GENOME-0289102: 18,310-30,187 (+)
capH (CDS_0028)
MGV-GENOME-0292447: 18,310-31,273 (+)
capH (CDS_0027)
MGV-GENOME-0287545: 18,310-29,907 (+)
capH (CDS_0029)
MGV-GENOME-0293806: 18,310-31,232 (+)
capH (CDS_0028)
MGV-GENOME-0291159: 18,310-30,962 (+)
capH (CDS_0033)
dehydrogenase (CDS_0030)
uvig_508073: 16,765-37,930 (+)
Rha-like transcriptional regulator (CDS_0031)
UmuD-like protein (CDS_0033)
capH (CDS_0038)
uvig_276369: 18,305-39,620 (+)
MGV-GENOME-0266917: 17,129-23,608 (+)
capH (CDS_0028)
MGV-GENOME-0295197: 18,310-30,368 (+)
mads_1 (CDS_0029)
transposase (CDS_0025)
MGV-GENOME-0290182: 16,763-30,678 (+)
mads_1 (CDS_0029)
integrase (CDS_0026)
uvig_281559: 16,762-29,735 (+)
mads_1 (CDS_0029)
MGV-GENOME-0286092: 16,764-29,754 (+)
transposase (CDS_0025)
mads_1 (CDS_0029)
MGV-GENOME-0288957: 16,763-30,396 (+)
mads_1 (CDS_0029)
integrase (CDS_0026)
MGV-GENOME-0305556: 16,763-29,763 (+)
mads_1 (CDS_0030)
integrase (CDS_0027)
MGV-GENOME-4421019: 16,762-30,704 (+)
mads_1 (CDS_0029)
integrase (CDS_0026)
MGV-GENOME-0284585: 16,763-29,520 (+)
transposase (CDS_0025)
mads_1 (CDS_0031)
integrase (CDS_0028)
MGV-GENOME-0297435: 16,763-32,031 (+)
transposase (CDS_0025)
mads_1 (CDS_0029)
integrase (CDS_0026)
MGV-GENOME-0287596: 16,763-30,236 (+)
mads_1 (CDS_0030)
MGV-GENOME-0289699: 16,762-30,245 (+)
mads_1 (CDS_0030)
MGV-GENOME-0292457: 16,762-30,885 (+)
mads_1 (CDS_0028)
MGV-GENOME-0283425: 16,763-29,226 (+)
mads_1 (CDS_0031)
integrase (CDS_0028)
MGV-GENOME-0288417: 17,130-30,327 (+)
mads_1 (CDS_0030)
MGV-GENOME-0287087: 17,130-29,778 (+)
mads_1 (CDS_0030)
MGV-GENOME-0287117: 17,130-30,002 (+)
mads_1 (CDS_0031)
MGV-GENOME-0293943: 17,129-31,521 (+)
mads_1 (CDS_0030)
MGV-GENOME-0291378: 17,130-30,757 (+)
mads_1 (CDS_0029)
MGV-GENOME-0286632: 17,130-29,709 (+)
mads_1 (CDS_0030)
integrase (CDS_0027)
MGV-GENOME-0293542: 17,130-31,422 (+)
mads_1 (CDS_0030)
MGV-GENOME-0296216: 16,763-31,431 (+)
anti-SOS response (APIS132) (CDS_0028)
mads_1 (CDS_0030)
MGV-GENOME-0292386: 17,130-31,182 (+)
anti-SOS response (APIS132) (CDS_0028)
mads_1 (CDS_0030)
integrase (CDS_0027)
MGV-GENOME-0293668: 18,310-31,432 (+)
mads_1 (CDS_0031)
integrase (CDS_0028)
MGV-GENOME-0295745: 18,310-31,741 (+)
mads_1 (CDS_0031)
MGV-GENOME-0300324: 18,310-32,760 (+)
mads_1 (CDS_0031)
MGV-GENOME-0300289: 18,310-32,751 (+)


mads_1 (CDS_0031)
27 28 29 30 32
MGV-GENOME-0321069: 18,309-31,836 (+)
mads_1 (CDS_0030)
31
27 28 29 32
MGV-GENOME-0292118: 18,310-31,130 (+)
mads_1 (CDS_0033)
integrase (CDS_0030)
26
transposase (CDS_0025) 27 28 29 31 32 34
MGV-GENOME-0303246: 16,762-33,590 (+)
mads_1 (CDS_0033)
integrase (CDS_0030)
22 23 28 29 31 32 34
MGV-GENOME-0299576: 17,130-32,856 (+)
28
mads_1 (CDS_0034)
27 integrase (CDS_0031)
25 26 29 30 32 33 35
MGV-GENOME-0298870: 16,763-32,821 (+)
mads_1 (CDS_0028)
24 25 26 27 29
MGV-GENOME-0279898: 16,155-28,575 (+)
mads_1 (CDS_0028)
integrase (CDS_0025)
24 26 27 29
MGV-GENOME-0280610: 16,155-28,774 (+)
mads_1 (CDS_0031)
integrase (CDS_0028)
24 25 26 27 29 30 32
MGV-GENOME-0289499: 16,154-30,662 (+)
mads_1 (CDS_0031)
integrase (CDS_0028)
24 25 26 27 29 30 32
MGV-GENOME-0291443: 16,154-31,103 (+)
integrase (CDS_0030)
27 mads_1 (CDS_0033)
24 25 26 28 29 31 32 34
MGV-GENOME-0297018: 16,155-32,132 (+)
mads_1 (CDS_0026)
25
24 27
MGV-GENOME-0270243: 16,155-26,685 (+)
24
MGV-GENOME-0264315: 16,155-25,577 (+)
24 25
MGV-GENOME-0319398: 16,155-26,477 (+)
Arc-like repressor (CDS_0027)
peptidase (CDS_0034)
31
32
mads_1 (CDS_0038)
28 29 30 33 35 36 37 39
IMGVR_UViG_3300045988_057675|3300045988|Ga0495776_047040: 18,310-35,574 (+)
Arc-like repressor (CDS_0027)
31
32 mads_1 (CDS_0036)
28 29 30 33 34 35 37
IMGVR_UViG_3300045988_079812|3300045988|Ga0495776_116729: 18,310-34,391 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0034)
integrase (CDS_0031)
28 29 30 32 33 35
MGV-GENOME-0298099: 18,310-33,865 (+)
Arc-like repressor (CDS_0027)
31
30 33 35
mads_1 (CDS_0041)
28 29 32 34 36 37 38 39 40 42
MGV-GENOME-0311043: 18,310-36,650 (+)
31
32 34 mads_1 (CDS_0038)
Arc-like repressor (CDS_0027) 28 29 30 33 35 36 37 39
IMGVR_UViG_3300045988_083370|3300045988|Ga0495776_134409: 17,130-34,987 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034)
31
32
mads_1 (CDS_0039)
26 28 29 30 33 35 36 37 38 40
IMGVR_UViG_3300045988_111646|3300045988|Ga0495776_068854: 16,763-35,930 (+)
mads_1 (CDS_0034)
Arc-like repressor (CDS_0027) 28 29 30 31 32 33 35 36
MGV-GENOME-0303526: 17,130-33,833 (+)
mads_1 (CDS_0035)
integrase (CDS_0032)
31 36
Arc-like repressor (CDS_0027) 28 29 30 33 34 37
MGV-GENOME-0303954: 17,130-34,140 (+)
mads_1 (CDS_0032)
integrase (CDS_0029)
28 30 31 33
MGV-GENOME-0286746: 16,763-26,665 (+)
mads_1 (CDS_0030)
25 27 28 29 31
MGV-GENOME-0291895: 16,762-26,816 (+)
mads_1 (CDS_0028)
25 26 27 29
MGV-GENOME-0280278: 16,763-25,650 (+)
mads_1 (CDS_0031)
integrase (CDS_0028)
26 27 29 30 32
MGV-GENOME-0295516: 17,130-31,272 (+)
mads_1 (CDS_0030)
integrase (CDS_0027)
26 28 29 31
MGV-GENOME-0291294: 17,128-30,237 (+)
Arc-like repressor (CDS_0027)
mads_1 (CDS_0032)
26 28 29 30 31 33
MGV-GENOME-0287818: 17,128-30,716 (+)
mads_1 (CDS_0030)
integrase (CDS_0027)
26 28 29 31
MGV-GENOME-0289523: 16,762-29,835 (+)
mads_1 (CDS_0030)
integrase (CDS_0027)
28 29 31 32
MGV-GENOME-0291012: 18,310-30,606 (+)
mads_1 (CDS_0028)
integrase (CDS_0025)
24 26 27 29
MGV-GENOME-0278165: 16,155-27,530 (+)
Arc-like repressor (CDS_0027)
peptidase (CDS_0034)
integrase (CDS_0035)
31
32
mads_1 (CDS_0038)
28 29 30 33 36 37 39
IMGVR_UViG_3300045988_072640|3300045988|Ga0495776_134283: 18,309-34,408 (+)
Arc-like repressor (CDS_0027)
RT_III-AM_III-B_2 (CDS_0029)
31
30 mads_1 (CDS_0037)
28 32 33 34 35 36 38
IMGVR_UViG_3300045988_084341|3300045988|Ga0495776_116784: 18,310-34,156 (+)
Arc-like repressor (CDS_0027)
integrase (CDS_0034)
31
30 33 mads_1 (CDS_0037)
28 29 32 35 36 38 39
MGV-GENOME-0303911: 18,310-33,926 (+)
Arc-like repressor (CDS_0027)
31 mads_1 (CDS_0036)
28 29 30 32 33 34 35 37
MGV-GENOME-0304281: 18,310-33,551 (+)
Arc-like repressor (CDS_0027)
peptidase (CDS_0034)
integrase (CDS_0035)
31
32
mads_1 (CDS_0038)
28 29 30 33 36 37 39
IMGVR_UViG_3300039336_000043|3300039336|Ga0169848_00301: 17,129-34,427 (+)
capH (CDS_0028)
26 27 29
MGV-GENOME-0289428: 16,763-30,247 (+)
capH (CDS_0025)
26
24 27
MGV-GENOME-0287075: 16,759-28,717 (+)
capH (CDS_0028)
27 29
MGV-GENOME-0295271: 18,310-31,252 (+)
24
MGV-GENOME-0272597: 16,154-26,662 (+)
Arc-like repressor (CDS_0027)
RT_III-AM_III-B_2 (CDS_0029)
endolysin (CDS_0034)
31
32 36
28 30 33 35 37
MGV-GENOME-0301173: 18,310-32,822 (+)
31
30 capH (CDS_0035)
Arc-like repressor (CDS_0027) 28 29 32 33 34 36
IMGVR_UViG_3300045988_068814|3300045988|Ga0495776_148275: 17,130-34,669 (+)
Arc-like repressor (CDS_0027)
endolysin (CDS_0034) 45
31 37 40 47
32 36 39 41 43 46 49
26 28 29 30 33 35 38 42 44 48
IMGVR_UViG_3300045988_106199|3300045988|Ga0495776_166092: 17,131-36,022 (+)
Arc-like repressor (CDS_0027) 35
31 33 36
28 29 30 32 34 37 38 39
MGV-GENOME-0296969: 18,310-32,912 (+)
RusA-like Holliday junction resolvase (CDS_0040)
single strand DNA binding protein (CDS_0043)
RecT-like ssDNA annealing protein (CDS_0036)
transcriptional regulator (CDS_0029)
replisome organizer (CDS_0037)
exonuclease (CDS_0035)
exonuclease (CDS_0034)
exonuclease (CDS_0033)
capH (CDS_0027)
integrase (CDS_0049)
integrase (CDS_0025) 30 32 39 41 47 mads_1 (CDS_0052)
26 28 31 38 42 44 45 46 48 50 51 53
IMGVR_UViG_3300045988_115440|3300045988|Ga0495776_164076: 16,763-43,384 (+)
mads_1 (CDS_0088)
levanase (CDS_0093)
96 95 94 92 91 90 89 87
IMGVR_UViG_3300029360_000193|3300029360|Ga0243814_1000543: 54,620-67,391 (-)
trans_reg_VanU-NCBIFAM glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0031)
Specificity_I_00025 Type (CDS_0028)
MTase_I_00008 Type (CDS_0029)
REase_I_00010 Type (CDS_0030)mads_1 (CDS_0037)
20 21 AbiTii (CDS_0025) 26 27 32 33 34 35 36 38 39
IMGVR_UViG_3300029427_000004|3300029427|Ga0243889_1000372: 16,155-38,193 (+)
Michele_1A_hits_grouped (CDS_0012)
Michele_1A_hits_grouped (CDS_0010)
DNA binding protein (CDS_0001) capH (CDS_0014)
2 3 4 5 6 7 8 9 11 13 15
uvig_227636: 1-19,915 (+)
trans_reg_VanU-NCBIFAM glycopeptide resistance transcriptional regulator VanU (NF000090.1) (CDS_0043)
capH (CDS_0046)
38 40 42 47
37 39 41 44 45 48 49
IMGVR_UViG_3300045988_098362|3300045988|Ga0495776_012641: 28,335-39,620 (+)
10000 nt
DNA, RNA and nucleotide metabolism
head and packaging
integration and excision
lysis
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
defence (DefenseFinder)
defence (PADLOC)
virulence (VFDB)
anti-defence (dbAPIS)
AMR (AMRFinderPlus)
tRNA
pseudogene