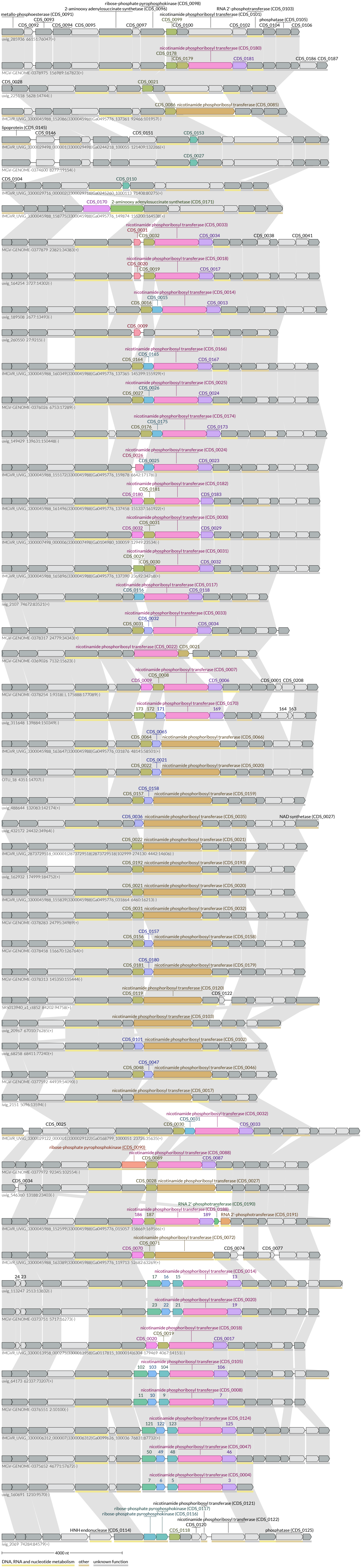
ribose-phosphate pyrophosphokinase (CDS_0098)
2-aminooxy adenylosuccinate synthetase (CDS_0096)
RNA 2'-phosphotransferase (CDS_0103)
metallo-phosphoesterase (CDS_0091)
nicotinamide phosphoribosyl transferase (CDS_0101)
CDS_0093
CDS_0099
phosphatase (CDS_0105)
CDS_0092
CDS_0094
CDS_0095
CDS_0097
CDS_0100
CDS_0102
CDS_0104
CDS_0106
uvig_285936 66151:76047(+)
nicotinamide phosphoribosyl transferase (CDS_0180)
CDS_0178
CDS_0179
CDS_0181
CDS_0186
CDS_0187
MGV-GENOME-0378975 156989:167823(+)
CDS_0028
CDS_0021
uvig_225118 5628:14744(-)
CDS_0086
nicotinamide phosphoribosyl transferase (CDS_0085)
IMGVR_UViG_3300045988_152086|3300045988|Ga0495776_137361 92466:101957(-)
lipoprotein (CDS_0145)
CDS_0146
CDS_0151
CDS_0153
IMGVR_UViG_3300029498_000001|3300029498|Ga0244218_100055 121409:132286(+)
CDS_0027
MGV-GENOME-0374600 8277:19154(-)
CDS_0104
CDS_0110
IMGVR_UViG_3300029716_000002|3300029716|Ga0245260_1000113 71408:80275(+)
CDS_0170
2-aminooxy adenylosuccinate synthetase (CDS_0171)
IMGVR_UViG_3300045988_158775|3300045988|Ga0495776_149874 155200:164538(+)
nicotinamide phosphoribosyl transferase (CDS_0033)
CDS_0031
CDS_0032
CDS_0034
CDS_0038
CDS_0041
MGV-GENOME-0377879 23821:34383(+)
nicotinamide phosphoribosyl transferase (CDS_0018)
CDS_0020
CDS_0019
CDS_0017
uvig_164254 3727:14302(-)
nicotinamide phosphoribosyl transferase (CDS_0014)
CDS_0015
CDS_0016
CDS_0013
uvig_189508 2677:13493(-)
CDS_0009
uvig_260550 27:9215(-)
nicotinamide phosphoribosyl transferase (CDS_0166)
CDS_0165
CDS_0164
CDS_0167
IMGVR_UViG_3300045988_160349|3300045988|Ga0495776_137365 145399:155929(+)
nicotinamide phosphoribosyl transferase (CDS_0025)
CDS_0026
CDS_0027
CDS_0024
MGV-GENOME-0376026 6753:17289(-)
nicotinamide phosphoribosyl transferase (CDS_0174)
CDS_0175
CDS_0176
CDS_0173
uvig_149429 139631:150448(-)
nicotinamide phosphoribosyl transferase (CDS_0024)
CDS_0026
CDS_0025
CDS_0023
IMGVR_UViG_3300045988_155172|3300045988|Ga0495776_159878 6642:17178(-)
nicotinamide phosphoribosyl transferase (CDS_0182)
CDS_0181
CDS_0180
CDS_0183
IMGVR_UViG_3300045988_161496|3300045988|Ga0495776_137458 151337:161922(+)
nicotinamide phosphoribosyl transferase (CDS_0030)
CDS_0031
CDS_0032
CDS_0029
IMGVR_UViG_3300007498_000006|3300007498|Ga0104980_100059 12949:23534(-)
nicotinamide phosphoribosyl transferase (CDS_0031)
CDS_0029
CDS_0030
CDS_0032
IMGVR_UViG_3300045988_165896|3300045988|Ga0495776_137390 23692:34268(+)
nicotinamide phosphoribosyl transferase (CDS_0117)
CDS_0116
CDS_0118
ivig_2107 74672:83521(+)
nicotinamide phosphoribosyl transferase (CDS_0033)
CDS_0032
CDS_0031
CDS_0034
MGV-GENOME-0378317 24779:34343(+)
nicotinamide phosphoribosyl transferase (CDS_0022)
CDS_0021
MGV-GENOME-0369026 7132:15623(-)
nicotinamide phosphoribosyl transferase (CDS_0007)
CDS_0008
CDS_0009
CDS_0006
CDS_0001
CDS_0208
MGV-GENOME-0378254 1:9318(-), 175888:177089(-)
nicotinamide phosphoribosyl transferase (CDS_0170)
173
172
171
169
164
163
uvig_311648 139884:150349(-)
CDS_0065
CDS_0064
nicotinamide phosphoribosyl transferase (CDS_0066)
IMGVR_UViG_3300045988_163647|3300045988|Ga0495776_031876 48145:58501(+)
CDS_0021
CDS_0022
nicotinamide phosphoribosyl transferase (CDS_0020)
OTU_18 4351:14707(-)
CDS_0158
CDS_0157
nicotinamide phosphoribosyl transferase (CDS_0159)
uvig_488644 132083:142174(+)
CDS_0036
nicotinamide phosphoribosyl transferase (CDS_0035)
NAD synthetase (CDS_0027)
uvig_432172 24432:34964(-)
CDS_0022
nicotinamide phosphoribosyl transferase (CDS_0021)
IMGVR_UViG_2873729518_000001|2873729518|2873729518|102999-274130 4442:14606(-)
CDS_0192
nicotinamide phosphoribosyl transferase (CDS_0193)
uvig_162932 174999:184752(+)
CDS_0021
nicotinamide phosphoribosyl transferase (CDS_0020)
IMGVR_UViG_3300045988_155839|3300045988|Ga0495776_031864 6460:16213(-)
CDS_0031
nicotinamide phosphoribosyl transferase (CDS_0032)
MGV-GENOME-0378283 24795:34989(+)
CDS_0157
CDS_0156
nicotinamide phosphoribosyl transferase (CDS_0158)
MGV-GENOME-0378458 116670:126764(+)
CDS_0180
CDS_0181
nicotinamide phosphoribosyl transferase (CDS_0179)
MGV-GENOME-0378313 145350:155444(-)
nicotinamide phosphoribosyl transferase (CDS_0120)
CDS_0119
CDS_0122
SRS013940_a1_ct852 84202:94758(+)
nicotinamide phosphoribosyl transferase (CDS_0103)
uvig_20967 67010:76285(+)
CDS_0101
nicotinamide phosphoribosyl transferase (CDS_0102)
uvig_68258 68411:77240(+)
CDS_0047
CDS_0048
nicotinamide phosphoribosyl transferase (CDS_0046)
MGV-GENOME-0377592 44939:54090(-)
nicotinamide phosphoribosyl transferase (CDS_0017)
ivig_2151 5096:13594(-)
nicotinamide phosphoribosyl transferase (CDS_0032)
CDS_0031
CDS_0025
CDS_0030
CDS_0033
IMGVR_UViG_3300029122_000001|3300029122|Ga0168799_1000051 23726:35635(+)
ribose-phosphate pyrophosphokinase (CDS_0090)
nicotinamide phosphoribosyl transferase (CDS_0088)
CDS_0089
CDS_0087
MGV-GENOME-0377972 92345:102554(-)
CDS_0034
CDS_0028
nicotinamide phosphoribosyl transferase (CDS_0027)
uvig_546380 13188:23403(-)
RNA 2'-phosphotransferase (CDS_0190)
nicotinamide phosphoribosyl transferase (CDS_0188)
186
187
189
RNA 2'-phosphotransferase (CDS_0191)
IMGVR_UViG_3300045988_152599|3300045988|Ga0495776_015057 158669:169586(+)
nicotinamide phosphoribosyl transferase (CDS_0072)
CDS_0071
CDS_0070
CDS_0074
CDS_0077
IMGVR_UViG_3300045988_163389|3300045988|Ga0495776_119713 52682:63269(+)
nicotinamide phosphoribosyl transferase (CDS_0014)
24
23
17
16
15
13
uvig_113247 2513:13832(-)
nicotinamide phosphoribosyl transferase (CDS_0020)
23
22
21
19
MGV-GENOME-0373751 5717:16273(-)
nicotinamide phosphoribosyl transferase (CDS_0018)
CDS_0019
CDS_0020
CDS_0017
IMGVR_UViG_3300013958_000275|3300013958|Ga0117815_1000014|6304-179469 4067:14151(-)
nicotinamide phosphoribosyl transferase (CDS_0105)
102
103
104
106
uvig_64173 62337:73207(+)
nicotinamide phosphoribosyl transferase (CDS_0008)
11
10
9
7
MGV-GENOME-0376551 2:10100(-)
nicotinamide phosphoribosyl transferase (CDS_0124)
121
122
123
125
IMGVR_UViG_3300006312_000007|3300006312|Ga0099626_100036 76831:87732(+)
nicotinamide phosphoribosyl transferase (CDS_0047)
50
49
48
46
MGV-GENOME-0375652 46771:57672(-)
nicotinamide phosphoribosyl transferase (CDS_0004)
7
6
5
3
uvig_160691 1210:9570(-)
nicotinamide phosphoribosyl transferase (CDS_0121)
ribose-phosphate pyrophosphokinase (CDS_0117)
ribose-phosphate pyrophosphokinase (CDS_0116)
nicotinamide phosphoribosyl transferase (CDS_0122)
CDS_0120
HNH endonuclease (CDS_0114)
CDS_0118
phosphatase (CDS_0125)
ivig_2069 74284:84579(+)
4000 nt
DNA, RNA and nucleotide metabolism
other
unknown function