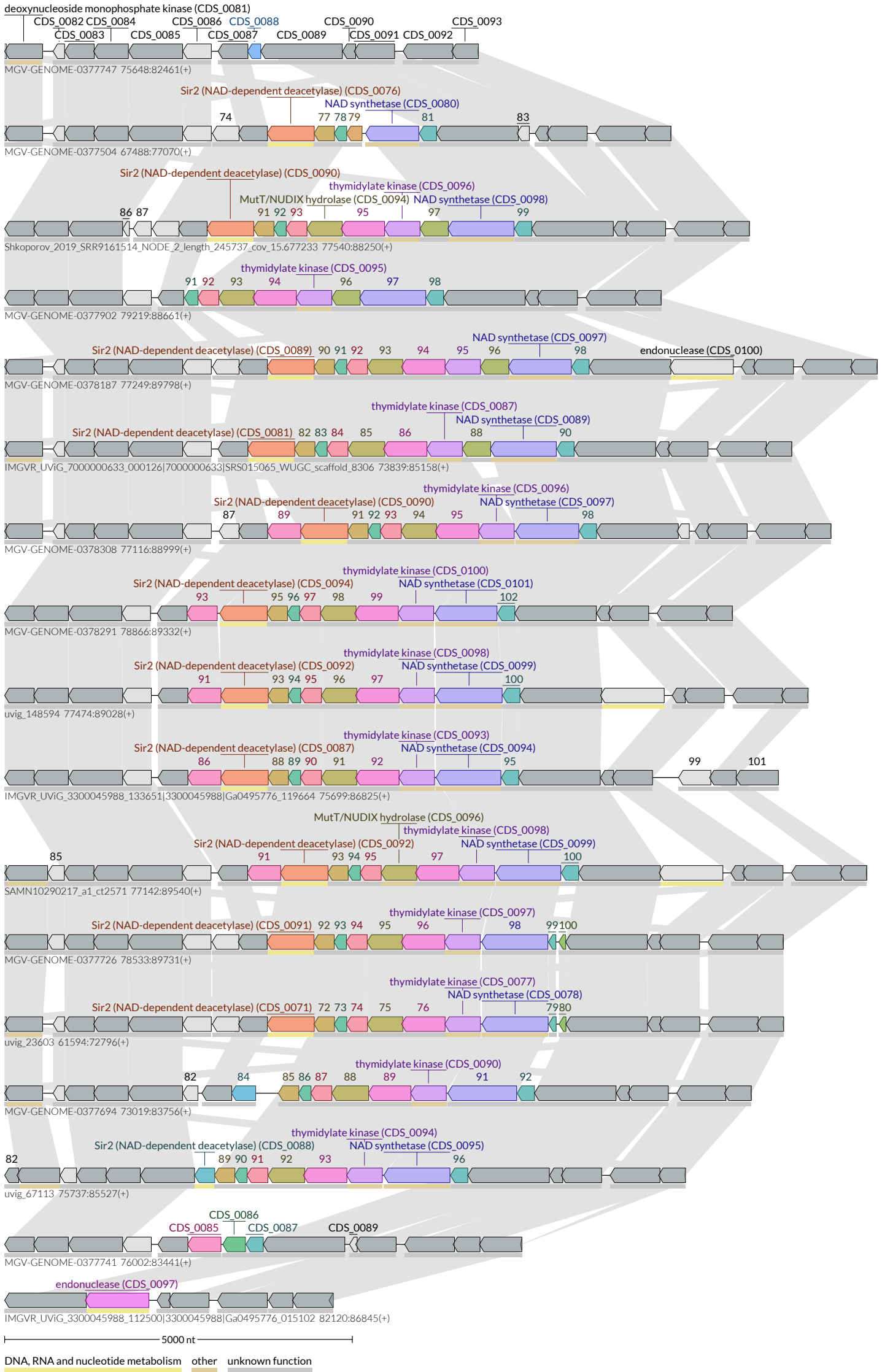
deoxynucleoside monophosphate kinase (CDS_0081)
CDS_0082 CDS_0084
CDS_0083
CDS_0085
CDS_0086
CDS_0087
CDS_0088
CDS_0089
CDS_0090
CDS_0091 CDS_0092
CDS_0093
MGV-GENOME-0377747 75648:82461(+)
Sir2 (NAD-dependent deacetylase) (CDS_0076)
NAD synthetase (CDS_0080)
74
77 78 79
81
83
MGV-GENOME-0377504 67488:77070(+)
Sir2 (NAD-dependent deacetylase) (CDS_0090)
thymidylate kinase (CDS_0096)
MutT/NUDIX hydrolase (CDS_0094)
NAD synthetase (CDS_0098)
86 87
91 92 93
95
97
99
Shkoporov_2019_SRR9161514_NODE_2_length_245737_cov_15.677233 77540:88250(+)
thymidylate kinase (CDS_0095)
91 92
93
94
96
97
98
MGV-GENOME-0377902 79219:88661(+)
NAD synthetase (CDS_0097)
Sir2 (NAD-dependent deacetylase) (CDS_0089)
90 91 92
93
94
95
96
98
endonuclease (CDS_0100)
MGV-GENOME-0378187 77249:89798(+)
thymidylate kinase (CDS_0087)
NAD synthetase (CDS_0089)
Sir2 (NAD-dependent deacetylase) (CDS_0081)
82 83 84
85
86
88
90
IMGVR_UViG_7000000633_000126|7000000633|SRS015065_WUGC_scaffold_8306 73839:85158(+)
thymidylate kinase (CDS_0096)
Sir2 (NAD-dependent deacetylase) (CDS_0090)
NAD synthetase (CDS_0097)
87
89
91 92 93
94
95
98
MGV-GENOME-0378308 77116:88999(+)
thymidylate kinase (CDS_0100)
Sir2 (NAD-dependent deacetylase) (CDS_0094)
NAD synthetase (CDS_0101)
93
95 96 97
98
99
102
MGV-GENOME-0378291 78866:89332(+)
thymidylate kinase (CDS_0098)
Sir2 (NAD-dependent deacetylase) (CDS_0092)
NAD synthetase (CDS_0099)
91
93 94 95
96
97
100
uvig_148594 77474:89028(+)
thymidylate kinase (CDS_0093)
Sir2 (NAD-dependent deacetylase) (CDS_0087)
NAD synthetase (CDS_0094)
86
88 89 90
91
92
95
99
101
IMGVR_UViG_3300045988_133651|3300045988|Ga0495776_119664 75699:86825(+)
MutT/NUDIX hydrolase (CDS_0096)
thymidylate kinase (CDS_0098)
Sir2 (NAD-dependent deacetylase) (CDS_0092)
NAD synthetase (CDS_0099)
85
91
93 94 95
97
100
SAMN10290217_a1_ct2571 77142:89540(+)
thymidylate kinase (CDS_0097)
Sir2 (NAD-dependent deacetylase) (CDS_0091)
92 93 94
95
96
98
99 100
MGV-GENOME-0377726 78533:89731(+)
thymidylate kinase (CDS_0077)
NAD synthetase (CDS_0078)
Sir2 (NAD-dependent deacetylase) (CDS_0071)
72 73 74
75
76
79 80
uvig_23603 61594:72796(+)
thymidylate kinase (CDS_0090)
82
84
85 86 87
88
89
91
92
MGV-GENOME-0377694 73019:83756(+)
thymidylate kinase (CDS_0094)
Sir2 (NAD-dependent deacetylase) (CDS_0088)
NAD synthetase (CDS_0095)
82
89 90 91
92
93
96
uvig_67113 75737:85527(+)
CDS_0086
CDS_0085
CDS_0087
CDS_0089
MGV-GENOME-0377741 76002:83441(+)
endonuclease (CDS_0097)
IMGVR_UViG_3300045988_112500|3300045988|Ga0495776_015102 82120:86845(+)
5000 nt
DNA, RNA and nucleotide metabolism
other
unknown function