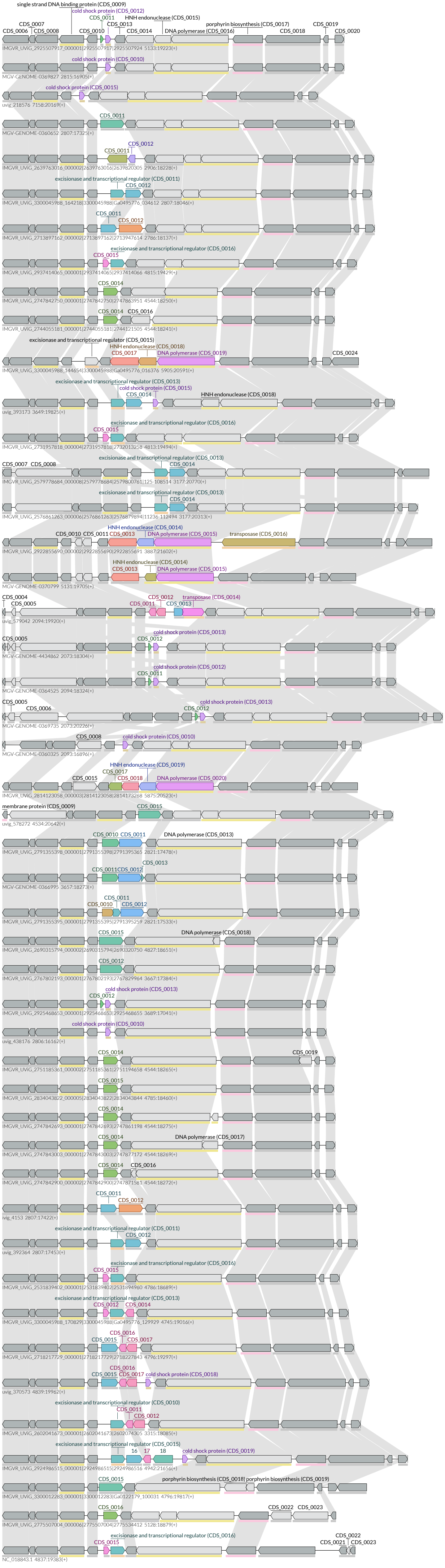
single strand DNA binding protein (CDS_0009)
cold shock protein (CDS_0012)
CDS_0011
HNH endonuclease (CDS_0015)
CDS_0007
CDS_0013
porphyrin biosynthesis (CDS_0017)
CDS_0019
CDS_0006
CDS_0008
CDS_0010
CDS_0014
DNA polymerase (CDS_0016)
CDS_0018
CDS_0020
IMGVR_UViG_2925507917_000001|2925507917|2925507924 5133:19223(+)
cold shock protein (CDS_0010)
MGV-GENOME-0369827 2815:16905(+)
cold shock protein (CDS_0015)
uvig_218576 7158:20169(+)
CDS_0011
MGV-GENOME-0360652 2807:17325(+)
CDS_0012
CDS_0011
IMGVR_UViG_2639763016_000002|2639763016|2639820305 2906:18228(+)
excisionase and transcriptional regulator (CDS_0011)
CDS_0012
IMGVR_UViG_3300045988_164218|3300045988|Ga0495776_034612 2807:18046(+)
CDS_0011
CDS_0012
IMGVR_UViG_2713897162_000002|2713897162|2713947614 2786:18137(+)
excisionase and transcriptional regulator (CDS_0016)
CDS_0015
IMGVR_UViG_2937414065_000001|2937414065|2937414066 4815:19429(+)
CDS_0014
IMGVR_UViG_2747842750_000001|2747842750|2747863951 4544:18250(+)
CDS_0014
CDS_0016
IMGVR_UViG_2744055181_000001|2744055181|2744121505 4544:18241(+)
excisionase and transcriptional regulator (CDS_0015)
HNH endonuclease (CDS_0018)
CDS_0017
DNA polymerase (CDS_0019)
CDS_0024
IMGVR_UViG_3300045988_144654|3300045988|Ga0495776_016376 5905:20591(+)
excisionase and transcriptional regulator (CDS_0013)
cold shock protein (CDS_0015)
CDS_0014
HNH endonuclease (CDS_0018)
uvig_393173 3649:19825(+)
excisionase and transcriptional regulator (CDS_0016)
CDS_0015
IMGVR_UViG_2731957818_000004|2731957818|2732013258 4813:19494(+)
excisionase and transcriptional regulator (CDS_0013)
CDS_0007
CDS_0008
CDS_0014
IMGVR_UViG_2579778684_000008|2579778684|2579800761|125-108514 3177:20770(+)
excisionase and transcriptional regulator (CDS_0013)
CDS_0014
IMGVR_UViG_2576861263_000006|2576861263|2576879894|11236-112494 3177:20313(+)
HNH endonuclease (CDS_0014)
CDS_0010
CDS_0011
CDS_0013
DNA polymerase (CDS_0015)
transposase (CDS_0016)
IMGVR_UViG_2922855690_000002|2922855690|2922855691 3887:21602(+)
HNH endonuclease (CDS_0014)
CDS_0013
DNA polymerase (CDS_0015)
MGV-GENOME-0370799 5131:19705(+)
CDS_0004
CDS_0005
CDS_0012
transposase (CDS_0014)
CDS_0011
CDS_0013
uvig_579042 2094:19920(+)
cold shock protein (CDS_0013)
CDS_0005
CDS_0012
MGV-GENOME-4434862 2073:18304(+)
cold shock protein (CDS_0012)
CDS_0011
MGV-GENOME-0364525 2094:18324(+)
CDS_0005
CDS_0006
cold shock protein (CDS_0013)
CDS_0012
MGV-GENOME-0369735 2073:20226(+)
CDS_0008
cold shock protein (CDS_0010)
MGV-GENOME-0360325 2093:16896(+)
HNH endonuclease (CDS_0019)
CDS_0017
CDS_0015
CDS_0018
DNA polymerase (CDS_0020)
IMGVR_UViG_2814123058_000003|2814123058|2814173268 5875:20523(+)
membrane protein (CDS_0009)
CDS_0015
uvig_578272 4534:20642(+)
CDS_0010
CDS_0011
DNA polymerase (CDS_0013)
IMGVR_UViG_2791355398_000001|2791355398|2791395365 2821:17478(+)
CDS_0013
CDS_0011
CDS_0012
MGV-GENOME-0366995 3657:18273(+)
CDS_0011
CDS_0010
CDS_0012
IMGVR_UViG_2791355395_000001|2791355395|2791395259 2821:17533(+)
CDS_0015
DNA polymerase (CDS_0018)
IMGVR_UViG_2690315794_000002|2690315794|2690320750 4827:18651(+)
CDS_0012
IMGVR_UViG_2767802193_000001|2767802193|2767829964 3667:17384(+)
cold shock protein (CDS_0013)
CDS_0012
IMGVR_UViG_2925468653_000001|2925468653|2925468655 3689:17041(+)
cold shock protein (CDS_0010)
uvig_438176 2806:16162(+)
CDS_0014
CDS_0019
IMGVR_UViG_2751185361_000002|2751185361|2751194658 4544:18265(+)
CDS_0015
IMGVR_UViG_2834043822_000005|2834043822|2834043844 4785:18460(+)
CDS_0014
IMGVR_UViG_2747842693_000001|2747842693|2747861198 4544:18275(+)
CDS_0014
DNA polymerase (CDS_0017)
IMGVR_UViG_2747843003_000001|2747843003|2747877172 4544:18269(+)
CDS_0014
CDS_0016
IMGVR_UViG_2747842900_000002|2747842900|2747871581 4544:18272(+)
CDS_0011
CDS_0012
ivig_4153 2807:17422(+)
excisionase and transcriptional regulator (CDS_0011)
CDS_0012
uvig_392364 2807:17453(+)
excisionase and transcriptional regulator (CDS_0016)
CDS_0015
IMGVR_UViG_2531839402_000001|2531839402|2531894960 4786:18689(+)
excisionase and transcriptional regulator (CDS_0013)
CDS_0012
CDS_0014
IMGVR_UViG_3300045988_170829|3300045988|Ga0495776_129929 4745:19016(+)
CDS_0016
CDS_0015
CDS_0017
IMGVR_UViG_2718217729_000001|2718217729|2718227843 4796:19297(+)
CDS_0016
CDS_0015
CDS_0017
cold shock protein (CDS_0018)
uvig_370573 4839:19962(+)
excisionase and transcriptional regulator (CDS_0010)
CDS_0011
CDS_0012
IMGVR_UViG_2602041673_000001|2602041673|2602074305 3315:18085(+)
excisionase and transcriptional regulator (CDS_0015)
16
17
18
cold shock protein (CDS_0019)
IMGVR_UViG_2924986515_000001|2924986515|2924986516 4942:21656(+)
CDS_0015
porphyrin biosynthesis (CDS_0018)
porphyrin biosynthesis (CDS_0019)
IMGVR_UViG_3300012283_000001|3300012283|Ga0122179_100031 4796:19817(+)
CDS_0016
CDS_0022
CDS_0023
IMGVR_UViG_2775507004_000006|2775507004|2775534412 5128:18879(+)
excisionase and transcriptional regulator (CDS_0016)
CDS_0015
CDS_0022
CDS_0021
CDS_0023
NC_018843.1 4837:19383(+)
7000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
other
unknown function