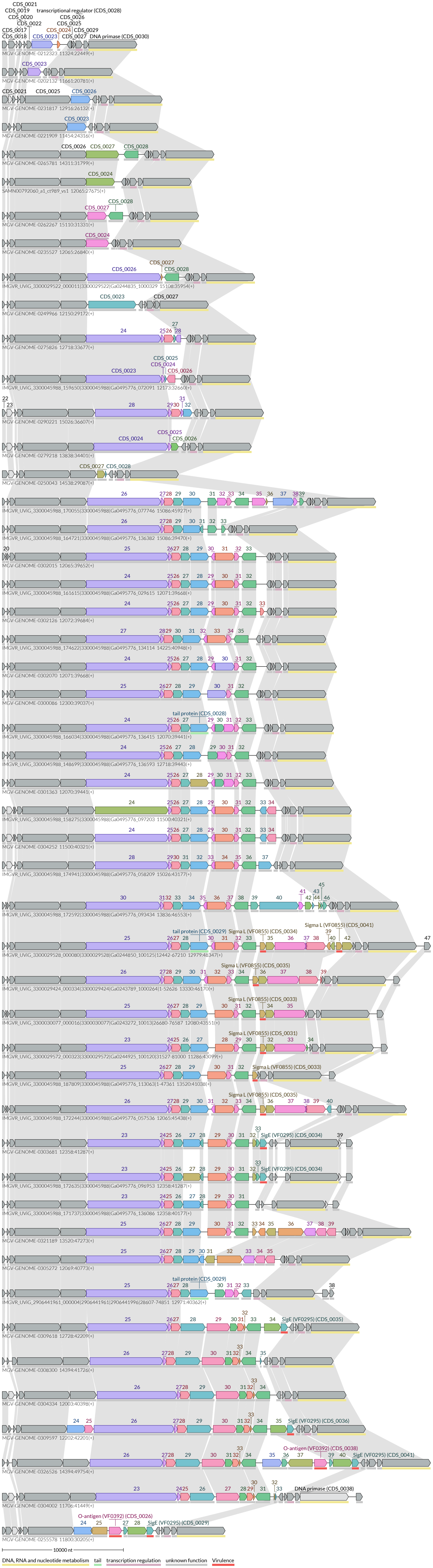
CDS_0021
CDS_0019
transcriptional regulator (CDS_0028)
CDS_0020
CDS_0026
CDS_0022
CDS_0025
CDS_0017
CDS_0024
CDS_0029
CDS_0018
CDS_0023
CDS_0027
DNA primase (CDS_0030)
MGV-GENOME-0212323 11324:22449(+)
CDS_0023
MGV-GENOME-0202132 11661:20781(+)
CDS_0021
CDS_0025
CDS_0026
MGV-GENOME-0231817 12916:26132(+)
CDS_0023
MGV-GENOME-0221909 11454:24316(+)
CDS_0026
CDS_0027
CDS_0028
MGV-GENOME-0265781 14311:31799(+)
CDS_0024
SAMN00792060_a1_ct989_vs1 12065:27675(+)
CDS_0028
CDS_0027
MGV-GENOME-0262267 15110:31331(+)
CDS_0024
MGV-GENOME-0235527 12065:26840(+)
CDS_0027
CDS_0026
CDS_0028
IMGVR_UViG_3300029522_000011|3300029522|Ga0244835_1000329 15108:35954(+)
CDS_0023
CDS_0027
MGV-GENOME-0249966 12150:29172(+)
27
24
2526
28
MGV-GENOME-0275826 12718:33677(+)
CDS_0025
CDS_0024
CDS_0023
CDS_0026
IMGVR_UViG_3300045988_159650|3300045988|Ga0495776_072091 12173:32660(+)
22
23
28
31
2930
32
MGV-GENOME-0290221 15026:36607(+)
CDS_0025
CDS_0024
CDS_0026
MGV-GENOME-0279218 13838:34401(+)
CDS_0027
CDS_0028
MGV-GENOME-0250043 14538:29087(+)
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2728
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3839
IMGVR_UViG_3300045988_170055|3300045988|Ga0495776_077746 15086:45927(+)
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2728
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33
IMGVR_UViG_3300045988_164721|3300045988|Ga0495776_136382 15086:39470(+)
20
25
2627
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33
MGV-GENOME-0302015 12065:39652(+)
24
2526
27
28
29
30
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32
IMGVR_UViG_3300045988_161615|3300045988|Ga0495776_029615 12071:39668(+)
24
2526
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28
29
30
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32
33
MGV-GENOME-0302126 12072:39684(+)
27
2829
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31
32
33
34
35
IMGVR_UViG_3300045988_174622|3300045988|Ga0495776_134114 14225:40948(+)
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2526
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32
MGV-GENOME-0302070 12071:39668(+)
25
2627
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31
32
MGV-GENOME-0300086 12300:39037(+)
tail protein (CDS_0028)
24
2526
27
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33
IMGVR_UViG_3300045988_166034|3300045988|Ga0495776_136415 12070:39441(+)
24
2526
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32
IMGVR_UViG_3300045988_148699|3300045988|Ga0495776_136593 12718:39443(+)
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MGV-GENOME-0301363 12070:39441(+)
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2526
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34
IMGVR_UViG_3300045988_158275|3300045988|Ga0495776_097203 11500:40321(+)
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2526
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MGV-GENOME-0304252 11500:40321(+)
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2930
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IMGVR_UViG_3300045988_174941|3300045988|Ga0495776_058209 15026:43177(+)
45
41
43
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3132
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44
46
IMGVR_UViG_3300045988_172592|3300045988|Ga0495776_093434 13836:46553(+)
Sigma L (VF0855) (CDS_0041)
tail protein (CDS_0029)
Sigma L (VF0855) (CDS_0034)
39
25
2627
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42
47
IMGVR_UViG_3300029528_000080|3300029528|Ga0244850_100125|12442-67210 12979:48347(+)
Sigma L (VF0855) (CDS_0035)
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2728
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39
IMGVR_UViG_3300029424_000334|3300029424|Ga0243789_1000264|1-52626 13330:46170(+)
Sigma L (VF0855) (CDS_0033)
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2627
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IMGVR_UViG_3300030077_000016|3300030077|Ga0243272_10013|26680-76587 12080:43551(+)
Sigma L (VF0855) (CDS_0031)
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2425
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34
IMGVR_UVIG_3300029572_000323|3300029572|Ga0244925_100120|31527-81000 11286:43099(+)
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2627
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32
Sigma L (VF0855) (CDS_0033)
IMGVR_UVIG_3300045988_187809|3300045988|Ga0495776_113063|1-47361 13520:41038(+)
Sigma L (VF0855) (CDS_0035)
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2728
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IMGVR_UVIG_3300045988_172244|3300045988|Ga0495776_057536 12065:45438(+)
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2425
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32
SigE (VF0295) (CDS_0034)
39
MGV-GENOME-0303681 12358:41287(+)
33
23
2425
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32
SigE (VF0295) (CDS_0034)
IMGVR_UVIG_3300045988_172635|3300045988|Ga0495776_096953 12358:41287(+)
23
2425
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31
IMGVR_UVIG_3300045988_171737|3300045988|Ga0495776_136086 12358:40177(+)
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2627
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39
MGV-GENOME-0321189 13520:47273(+)
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2627
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35
MGV-GENOME-0305272 12069:40773(+)
tail protein (CDS_0029)
25
2627
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38
IMGVR_UVIG_2906441961_000004|2906441961|2906441996|28607-74851 12971:40362(+)
32
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2627
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33
34
SigE (VF0295) (CDS_0035)
MGV-GENOME-0309618 12728:42209(+)
33
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2728
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34
35
MGV-GENOME-0308300 14394:41726(+)
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2728
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34
MGV-GENOME-0304334 12003:40398(+)
33
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2728
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35
SigE (VF0295) (CDS_0036)
MGV-GENOME-0309597 12202:42201(+)
33
O-antigen (VF0392) (CDS_0038)
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2728
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SigE (VF0295) (CDS_0041)
MGV-GENOME-0326526 14394:49754(+)
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2425
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33
DNA primase (CDS_0038)
MGV-GENOME-0304002 11706:41449(+)
O-antigen (VF0392) (CDS_0026)
24
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SigE (VF0295) (CDS_0029)
MGV-GENOME-0255578 11800:30205(+)
10000 nt
DNA, RNA and nucleotide metabolism
tail
transcription regulation
unknown function
Virulence