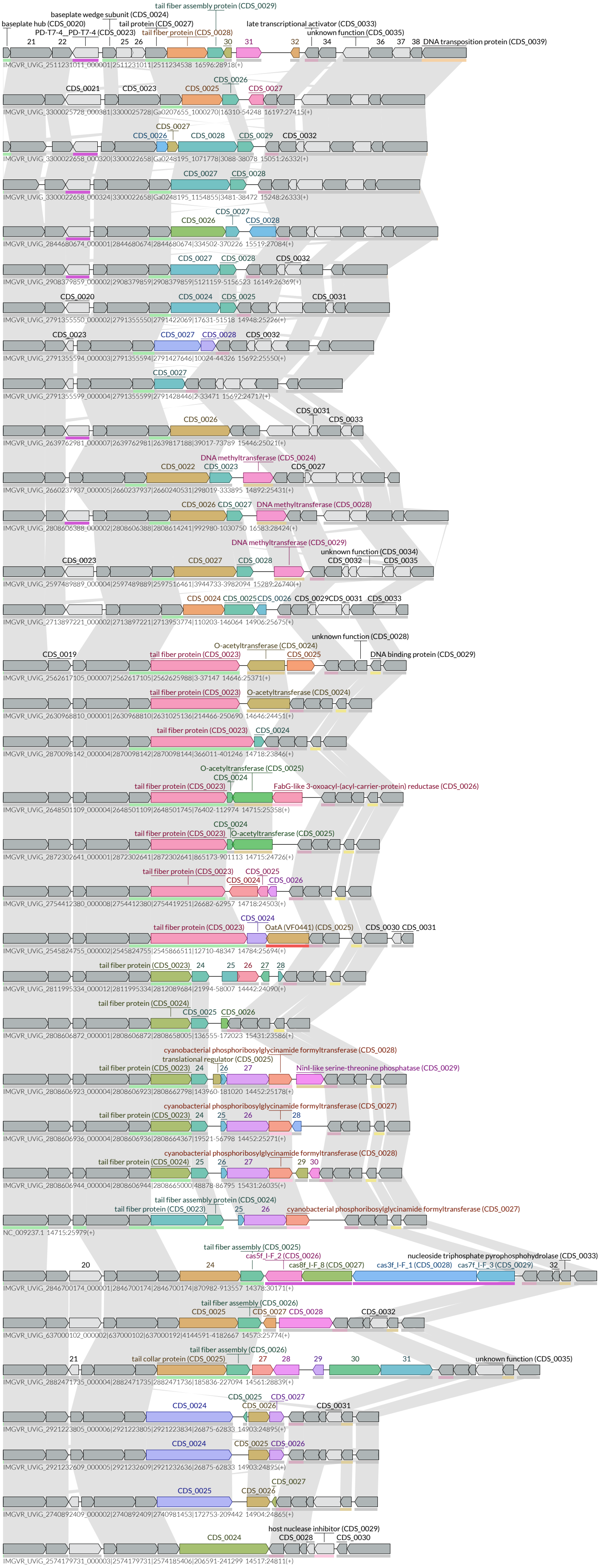
tail fiber assembly protein (CDS_0029)
baseplate wedge subunit (CDS_0024)
baseplate hub (CDS_0020)
tail protein (CDS_0027)
late transcriptional activator (CDS_0033)
PD-T7-4_PD-T7-4 (CDS_0023)
tail fiber protein (CDS_0028)
unknown function (CDS_0035)
21 22 25 26 30 31 32 34 36 37 38 DNA transposition protein (CDS_0039)
IMGVR_UViG_2511231011_000001|2511231011|2511234538 16596:28918(+)
CDS_0026
CDS_0021 CDS_0023 CDS_0025 CDS_0027
IMGVR_UViG_3300025728_000381|3300025728|Ga0207655_1000270|16310-54248 16197:27415(+)
CDS_0027
CDS_0026 CDS_0028 CDS_0029 CDS_0032
IMGVR_UViG_3300022658_000320|3300022658|Ga0248195_1071778|3088-38078 15051:26332(+)
CDS_0027 CDS_0028
IMGVR_UViG_3300022658_000324|3300022658|Ga0248195_1154855|3481-38472 15248:26333(+)
CDS_0027
CDS_0026 CDS_0028
IMGVR_UViG_2844680674_000001|2844680674|2844680674|334502-370226 15519:27084(+)
CDS_0027 CDS_0028 CDS_0032
IMGVR_UViG_2908379859_000002|2908379859|2908379859|5121159-5156523 16149:26369(+)
CDS_0020 CDS_0024 CDS_0025 CDS_0031
IMGVR_UViG_2791355550_000002|2791355550|2791422069|17631-51518 14948:25226(+)
CDS_0023 CDS_0027 CDS_0028 CDS_0032
IMGVR_UViG_2791355594_000003|2791355594|2791427646|10024-44326 15692:25550(+)
CDS_0027
IMGVR_UViG_2791355599_000004|2791355599|2791428446|2-33471 15692:24717(+)
CDS_0031
CDS_0026 CDS_0033
IMGVR_UViG_2639762981_000007|2639762981|2639817188|39017-73789 15446:25021(+)
DNA methyltransferase (CDS_0024)
CDS_0022 CDS_0023 CDS_0027
IMGVR_UViG_2660237937_000005|2660237937|2660240531|298019-333895 14892:25431(+)
CDS_0026 CDS_0027 DNA methyltransferase (CDS_0028)
IMGVR_UViG_2808606388_000002|2808606388|2808614241|992980-1030750 16583:28424(+)
DNA methyltransferase (CDS_0029)
unknown function (CDS_0034)
CDS_0023 CDS_0027 CDS_0028 CDS_0032 CDS_0035
IMGVR_UViG_2597489889_000004|2597489889|2597516461|3944733-3982094 15289:26740(+)
CDS_0024 CDS_0025 CDS_0026 CDS_0029 CDS_0031 CDS_0033
IMGVR_UViG_2713897221_000002|2713897221|2713953774|110203-146064 14906:25675(+)
unknown function (CDS_0028)
O-acetyltransferase (CDS_0024)
CDS_0019 tail fiber protein (CDS_0023) CDS_0025 DNA binding protein (CDS_0029)
IMGVR_UViG_2562617105_000007|2562617105|2562625988|3-37147 14646:25371(+)
tail fiber protein (CDS_0023) O-acetyltransferase (CDS_0024)
IMGVR_UViG_2630968810_000001|2630968810|2631025136|214466-250690 14646:24451(+)
tail fiber protein (CDS_0023) CDS_0024
IMGVR_UViG_2870098142_000004|2870098142|2870098144|366011-401246 14718:23846(+)
O-acetyltransferase (CDS_0025)
CDS_0024
tail fiber protein (CDS_0023) FabG-like 3-oxoacyl-(acyl-carrier-protein) reductase (CDS_0026)
IMGVR_UViG_2648501109_000004|2648501109|2648501745|76402-112974 14715:25358(+)
CDS_0024
tail fiber protein (CDS_0023) O-acetyltransferase (CDS_0025)
IMGVR_UViG_2872302641_000001|2872302641|2872302641|865173-901113 14715:24726(+)
tail fiber protein (CDS_0023) CDS_0025
CDS_0024 CDS_0026
IMGVR_UViG_2754412380_000008|2754412380|2754419251|26682-62957 14718:24503(+)
CDS_0024
tail fiber protein (CDS_0023) OatA (VF0441) (CDS_0025) CDS_0030 CDS_0031
IMGVR_UViG_2545824755_000002|2545824755|2545866511|12710-48347 14784:25694(+)
tail fiber protein (CDS_0023) 24 25 26 27 28
IMGVR_UViG_2811995334_000012|2811995334|2812089684|21994-58007 14442:24090(+)
tail fiber protein (CDS_0024)
CDS_0025 CDS_0026
IMGVR_UViG_2808606872_000001|2808606872|2808658005|136555-172023 15431:23586(+)
cyanobacterial phosphoribosylglycinamide formyltransferase (CDS_0028)
translational regulator (CDS_0025)
tail fiber protein (CDS_0023) 24 26 27 NinI-like serine-threonine phosphatase (CDS_0029)
IMGVR_UViG_2808606923_000004|2808606923|2808662798|143960-181020 14452:25178(+)
cyanobacterial phosphoribosylglycinamide formyltransferase (CDS_0027)
tail fiber protein (CDS_0023) 24 25 26 28
IMGVR_UViG_2808606936_000004|2808606936|2808664367|19521-56798 14452:25271(+)
cyanobacterial phosphoribosylglycinamide formyltransferase (CDS_0028)
tail fiber protein (CDS_0024) 25 26 27 29 30
IMGVR_UViG_2808606944_000004|2808606944|2808665000|48878-86795 15431:26035(+)
tail fiber assembly protein (CDS_0024)
tail fiber protein (CDS_0023) 25 26 cyanobacterial phosphoribosylglycinamide formyltransferase (CDS_0027)
NC_009237.1 14715:25979(+)
tail fiber assembly (CDS_0025)
cas5f_I-F_2 (CDS_0026)
nucleoside triphosphate pyrophosphohydrolase (CDS_0033)
20 24 cas8f_I-F_8 (CDS_0027) cas3f_I-F_1 (CDS_0028) cas7f_I-F_3 (CDS_0029) 32
IMGVR_UViG_2846700174_000001|2846700174|2846700174|870982-913557 14378:30171(+)
tail fiber assembly (CDS_0026)
CDS_0025 CDS_0027 CDS_0028 CDS_0032
IMGVR_UViG_637000102_000002|637000102|637000192|4144591-4182667 14573:25774(+)
tail fiber assembly (CDS_0026)
21 tail collar protein (CDS_0025) 27 28 29 30 31 unknown function (CDS_0035)
IMGVR_UViG_2882471735_000004|2882471735|2882471736|185836-227094 14561:28839(+)
CDS_0025 CDS_0027
CDS_0024 CDS_0026 CDS_0031
IMGVR_UViG_2921223805_000006|2921223805|2921223834|26875-62833 14903:24895(+)
CDS_0024 CDS_0025 CDS_0026
IMGVR_UViG_2921232609_000005|2921232609|2921232636|26875-62833 14903:24895(+)
CDS_0027
CDS_0025 CDS_0026
IMGVR_UViG_2740892409_000002|2740892409|2740981453|172753-209442 14904:24865(+)
host nuclease inhibitor (CDS_0029)
CDS_0024 CDS_0028 CDS_0030
IMGVR_UViG_2574179731_000003|2574179731|2574185406|206591-241299 14517:24811(+)
6000 nt
DNA, RNA and nucleotide metabolism
integration and excision
moron, auxiliary metabolic gene and host takeover
other
tail
transcription regulation
unknown function
Defence
Virulence