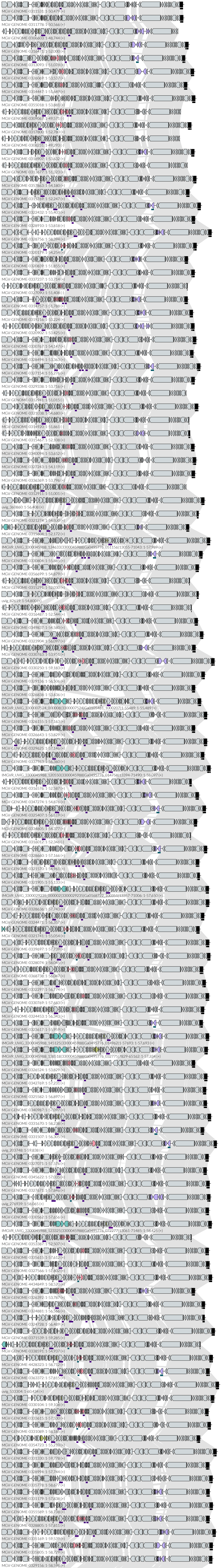
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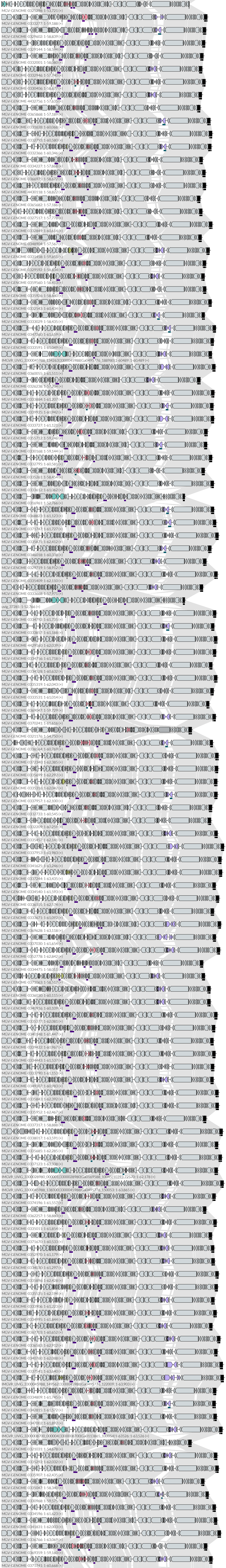
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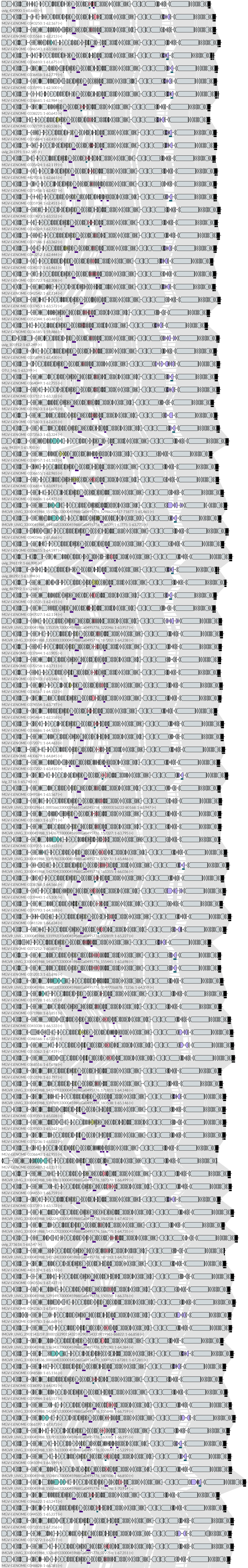
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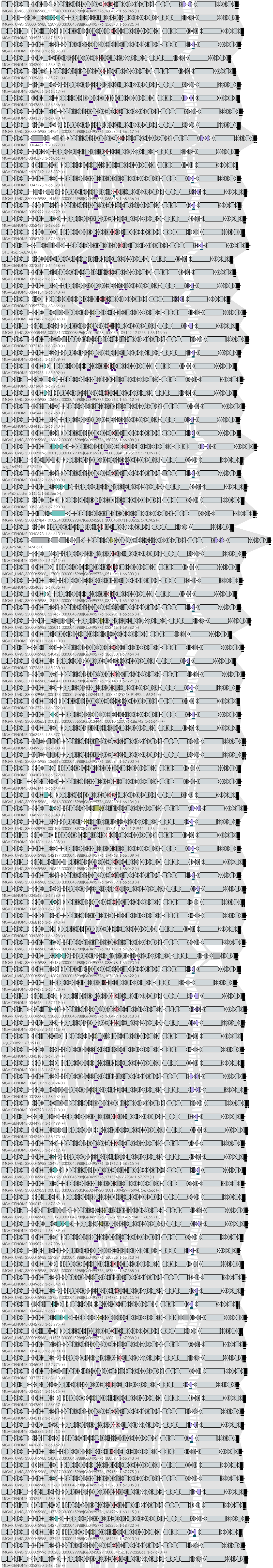
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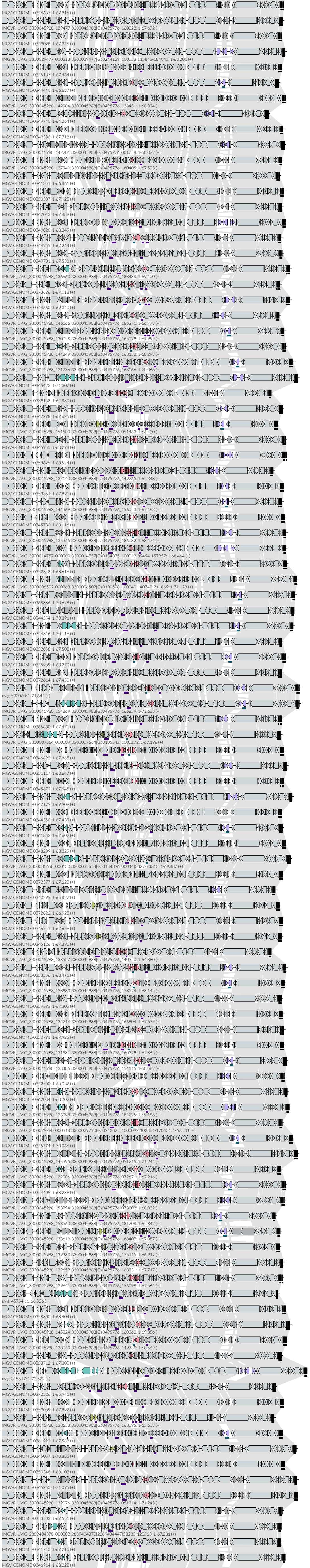
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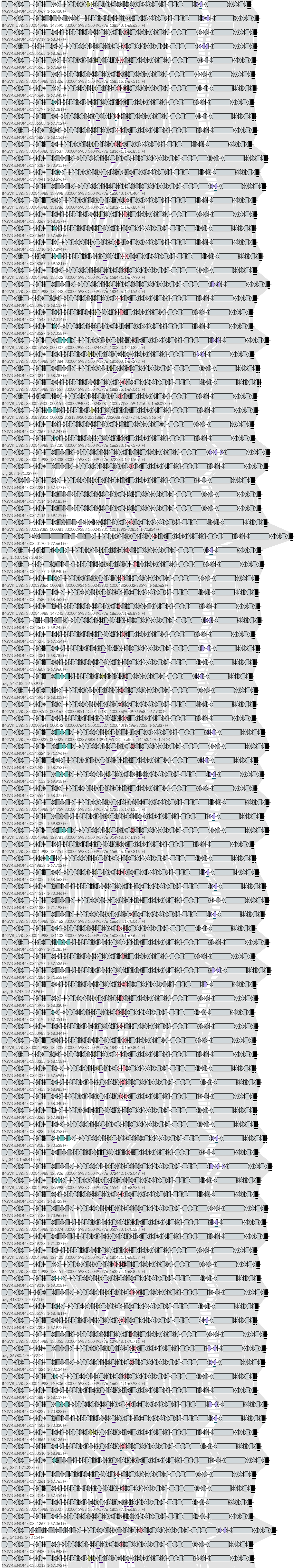
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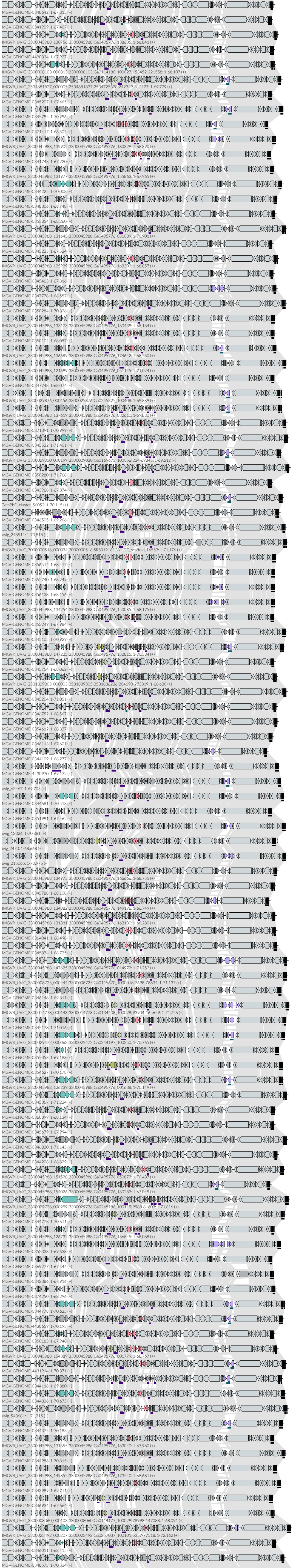
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MGV-GENOME-0345795: 1-70,296 (+)
MGV-GENOME-0371417: 1-66,504 (+)
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MGV-GENOME-0341743: 1-67,220 (+)
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MGV-GENOME-0344225: 1-70,008 (+)
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MGV-GENOME-0353854: 1-68,260 (+)
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MGV-GENOME-0345235: 1-67,524 (+)
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MGV-GENOME-0345463: 1-67,816 (+)
MGV-GENOME-0347778: 1-68,557 (+)
MGV-GENOME-0350284: 1-70,826 (+)
IMGVR_UViG_3300045988_133173|3300045988|Ga0495776_160439: 1-68,164 (+)
MGV-GENOME-0350104: 1-68,087 (+)
IMGVR_UViG_3300045988_136689|3300045988|Ga0495776_174642: 1-68,560 (+)
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MGV-GENOME-0347748: 1-68,074 (+)
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MGV-GENOME-0356514: 1-68,417 (+)
MGV-GENOME-0352740: 1-68,249 (+)
MGV-GENOME-0356138: 1-68,156 (+)
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MGV-GENOME-4430970: 1-69,172 (+)
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ivig_2470: 1-68,668 (+)
uvig_215065: 1-70,975 (+)
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MGV-GENOME-4430659: 1-70,193 (+)
MGV-GENOME-0350183: 1-67,948 (+)
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MGV-GENOME-0344375: 1-70,183 (+)
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MGV-GENOME-0344986: 1-70,815 (+)
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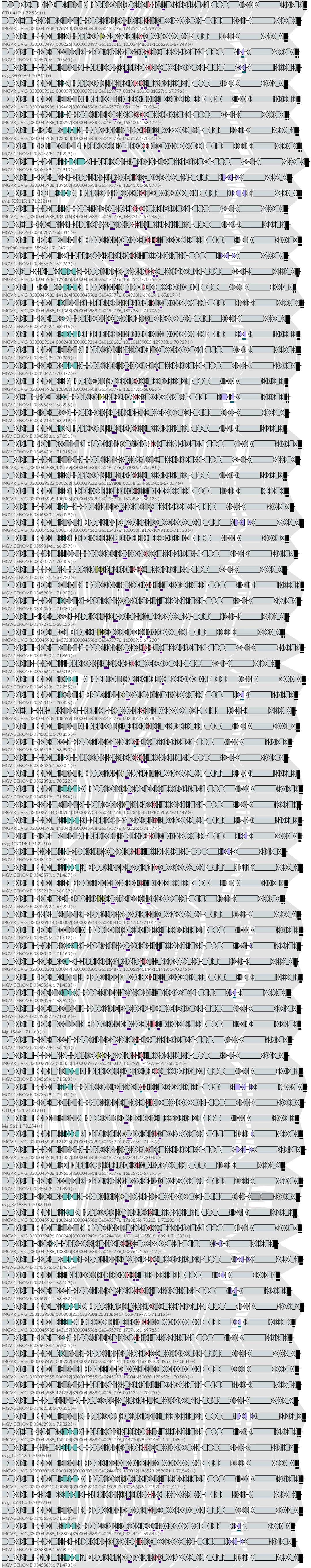
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MGV-GENOME-0345786: 1-70,560 (+)
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TemPhD_cluster_55966: 1-71,347 (+)
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MGV-GENOME-0354272: 1-68,416 (+)
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ivig_561: 1-70,654 (+)
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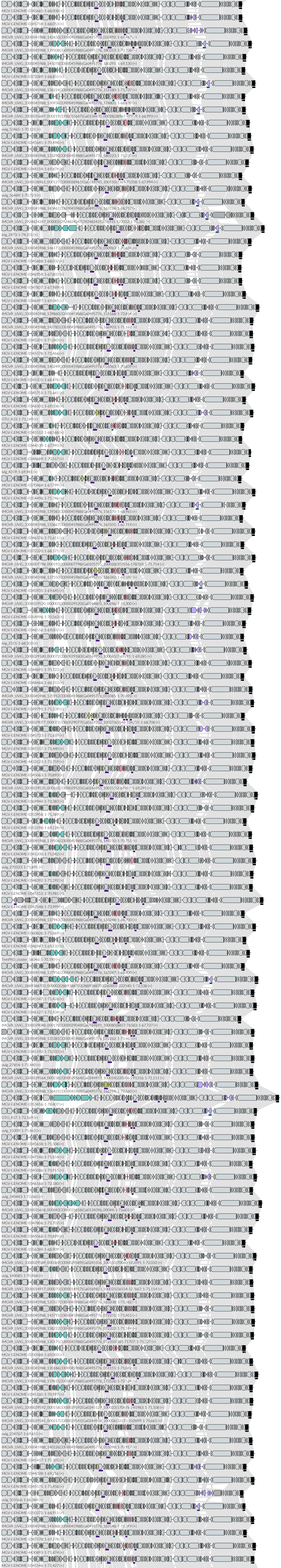
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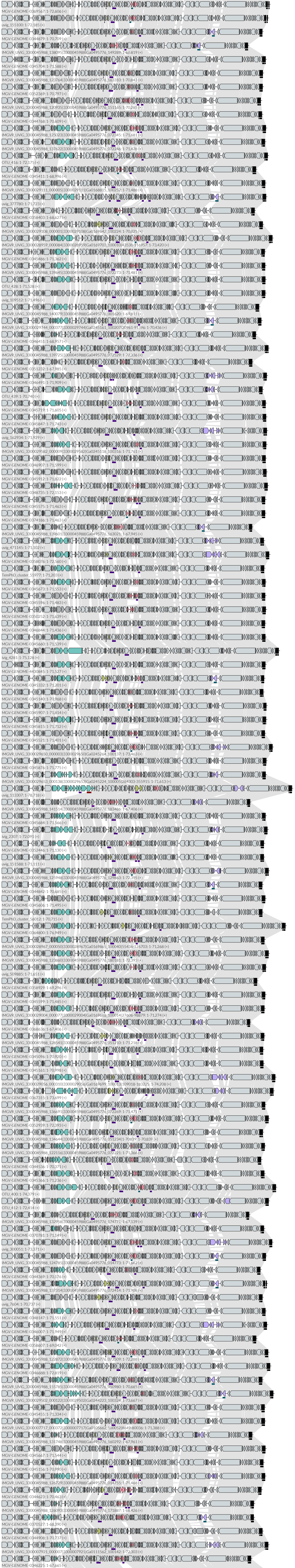
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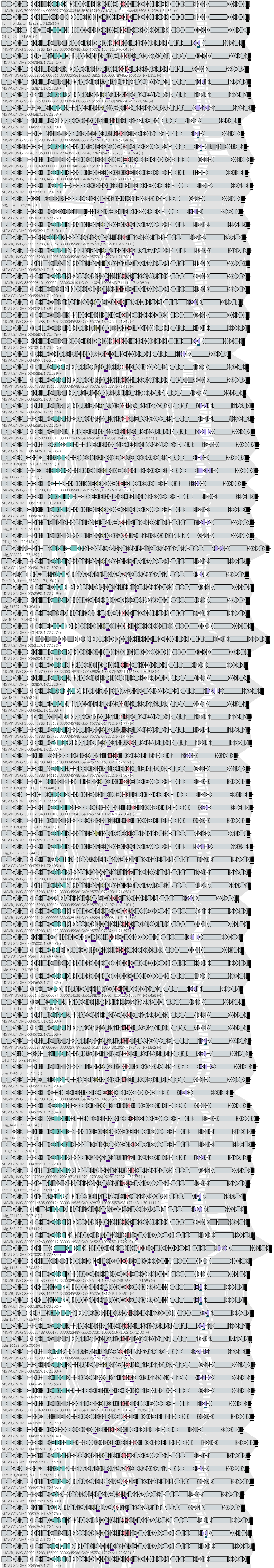
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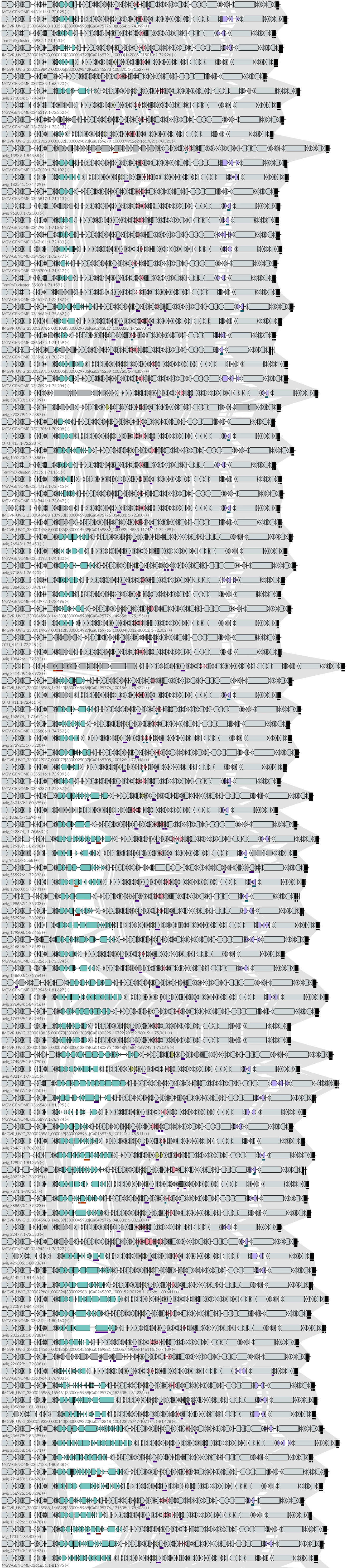
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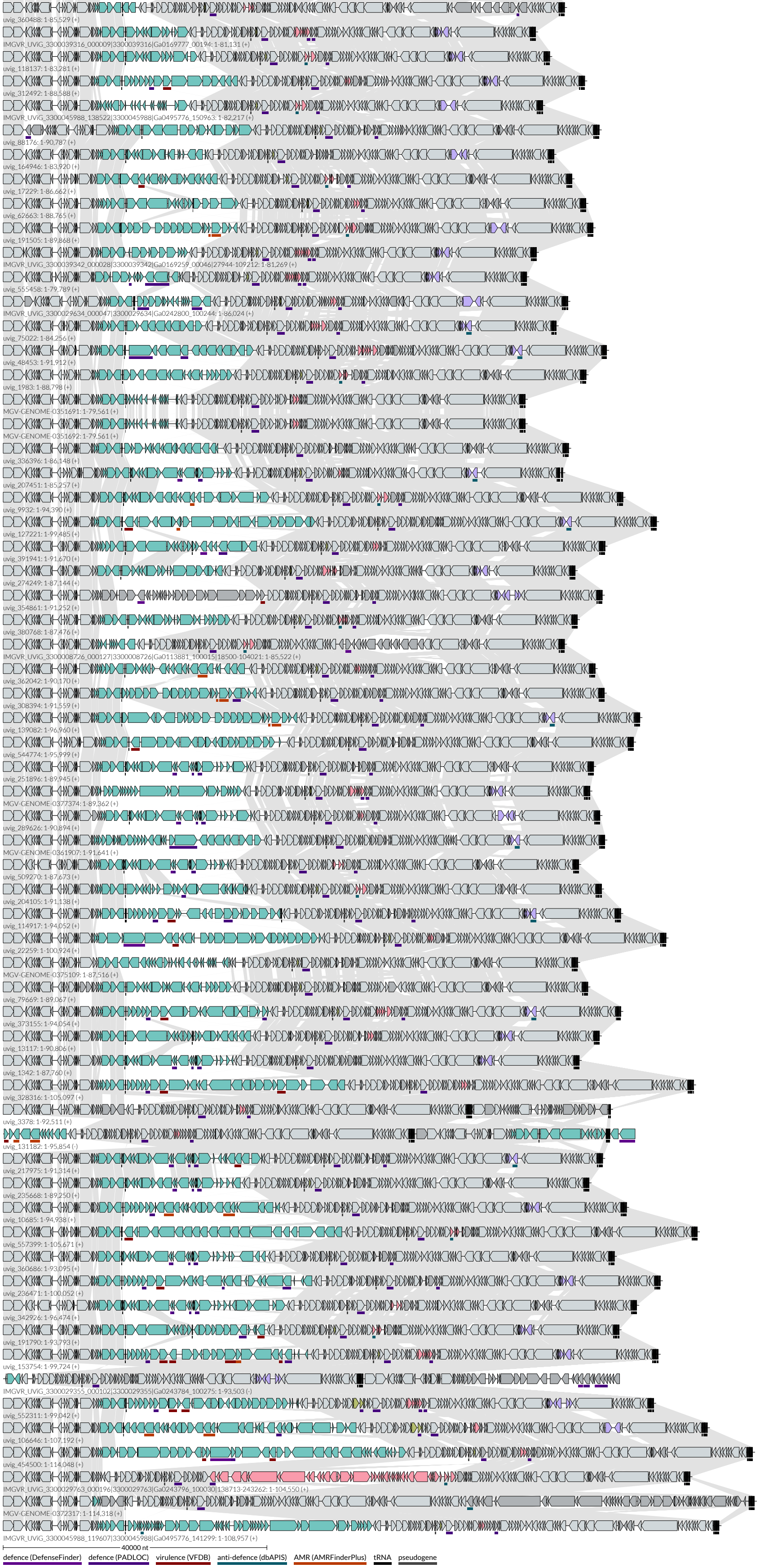
MGV-GENOME-0366548: 1-81,395 (+)
MGV-GENOME-0355899: 1-78,974 (+)
IMGVR_UViG_3300028961_000049|3300028961|Ga0169745_100110: 1-75,511 (+)
uvig_76467: 1-78,632 (+)
uvig_12907: 1-81,295 (+)
uvig_382252: 1-78,905 (+)
uvig_7871: 1-79,721 (+)
uvig_388633: 1-79,323 (+)
IMGVR_UViG_3300045988_148637|3300045988|Ga0495776_048881: 1-80,160 (+)
uvig_22477: 1-72,553 (+)
MGV-GENOME-0349431: 1-76,727 (+)
uvig_429505: 1-80,936 (+)
uvig_61424: 1-81,455 (+)
IMGVR_UViG_3300029881_000394|3300029881|Ga0245307_1000152|30128-110768: 1-80,641 (+)
uvig_32089: 1-84,734 (+)
MGV-GENOME-0352124: 1-80,160 (+)
uvig_232228: 1-83,988 (+)
IMGVR_UViG_3300014565_000185|3300014565|Ga0169881_100067|69008-146116: 1-77,109 (+)
uvig_226029: 1-79,808 (+)
MGV-GENOME-0360964: 1-76,903 (+)
IMGVR_UViG_3300045988_155461|3300045988|Ga0495776_183508: 1-81,236 (+)
uvig_185604: 1-81,881 (+)
IMGVR_UViG_3300029320_000143|3300029320|Ga0242818_100123|25747-107174: 1-81,428 (+)
uvig_236579: 1-83,395 (+)
uvig_250358: 1-87,571 (+)
MGV-GENOME-0357128: 1-80,638 (+)
uvig_221450: 1-84,626 (+)
uvig_556926: 1-83,296 (+)
IMGVR_UViG_3300045988_146622|3300045988|Ga0495776_171538: 1-78,403 (+)
uvig_111696: 1-80,478 (+)
ivig_1731: 1-84,400 (+)
uvig_276740: 1-83,443 (+)
MGV-GENOME-0361651: 1-81,975 (+)


uvig_360488: 1-85,529 (+)
IMGVR_UViG_3300039316_000009|3300039316|Ga0169777_00194: 1-81,131 (+)
uvig_118137: 1-83,281 (+)
uvig_312492: 1-88,588 (+)
IMGVR_UViG_3300045988_138522|3300045988|Ga0495776_150963: 1-82,217 (+)
uvig_88176: 1-90,787 (+)
uvig_164946: 1-83,920 (+)
uvig_17229: 1-86,662 (+)
uvig_62663: 1-88,765 (+)
uvig_191505: 1-89,868 (+)
IMGVR_UViG_3300039342_000028|3300039342|Ga0169259_00046|27944-109212: 1-81,269 (+)
uvig_555458: 1-79,789 (+)
IMGVR_UViG_3300029634_000047|3300029634|Ga0242800_100244: 1-86,024 (+)
uvig_75022: 1-84,256 (+)
uvig_48453: 1-91,912 (+)
uvig_1983: 1-88,798 (+)
MGV-GENOME-0351691: 1-79,561 (+)
MGV-GENOME-0351692: 1-79,561 (+)
uvig_336396: 1-86,148 (+)
uvig_207451: 1-85,257 (+)
uvig_9932: 1-94,390 (+)
uvig_127221: 1-99,485 (+)
uvig_391941: 1-91,670 (+)
uvig_274249: 1-87,144 (+)
uvig_354861: 1-91,252 (+)
uvig_380768: 1-87,476 (+)
IMGVR_UViG_3300008726_000127|3300008726|Ga0113881_100015|18500-104021: 1-85,522 (+)
uvig_362042: 1-90,170 (+)
uvig_308394: 1-91,559 (+)
uvig_139082: 1-96,960 (+)
uvig_544774: 1-95,999 (+)
uvig_251896: 1-89,945 (+)
MGV-GENOME-0377374: 1-89,362 (+)
uvig_289626: 1-90,894 (+)
MGV-GENOME-0361907: 1-91,641 (+)
uvig_509270: 1-87,673 (+)
uvig_204105: 1-91,138 (+)
uvig_114917: 1-94,052 (+)
uvig_22259: 1-100,924 (+)
MGV-GENOME-0375109: 1-87,516 (+)
uvig_79669: 1-89,067 (+)
uvig_373155: 1-94,054 (+)
uvig_13117: 1-90,806 (+)
uvig_1342: 1-87,760 (+)
uvig_328316: 1-105,097 (+)
uvig_3378: 1-92,511 (+)
uvig_131182: 1-95,854 (-)
uvig_217975: 1-91,314 (+)
uvig_235668: 1-89,250 (+)
uvig_10685: 1-94,938 (+)
uvig_557399: 1-105,671 (+)
uvig_360686: 1-93,095 (+)
uvig_236471: 1-100,052 (+)
uvig_342926: 1-96,474 (+)
uvig_191790: 1-93,793 (+)
uvig_153754: 1-99,724 (+)
IMGVR_UViG_3300029355_000102|3300029355|Ga0243784_100275: 1-93,503 (-)
uvig_552311: 1-99,042 (+)
uvig_106646: 1-107,192 (+)
uvig_454500: 1-114,048 (+)
IMGVR_UViG_3300029763_000196|3300029763|Ga0243796_100030|138713-243262: 1-104,550 (+)
MGV-GENOME-0372317: 1-114,318 (+)
IMGVR_UViG_3300045988_119607|3300045988|Ga0495776_141299: 1-108,957 (+)
40000 nt
defence (DefenseFinder)
defence (PADLOC)
virulence (VFDB)
anti-defence (dbAPIS)
AMR (AMRFinderPlus)
tRNA
pseudogene