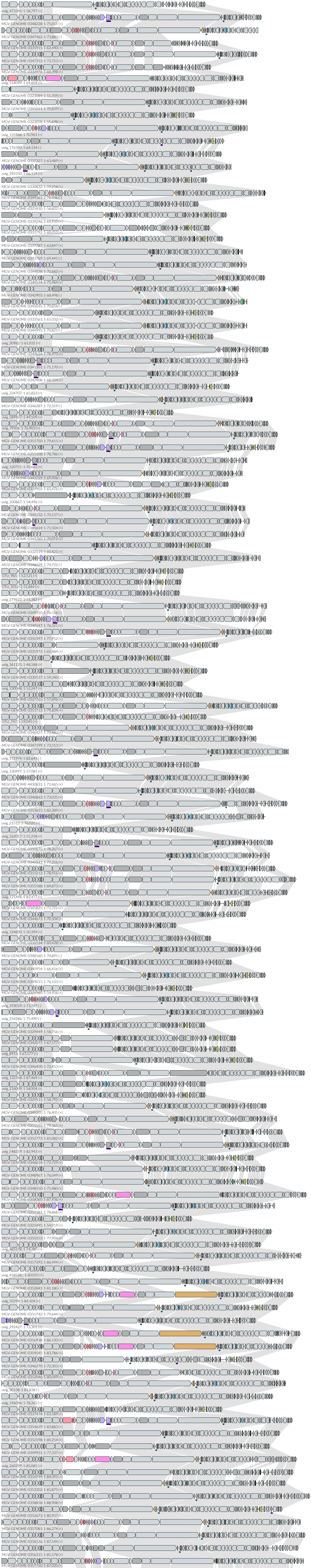
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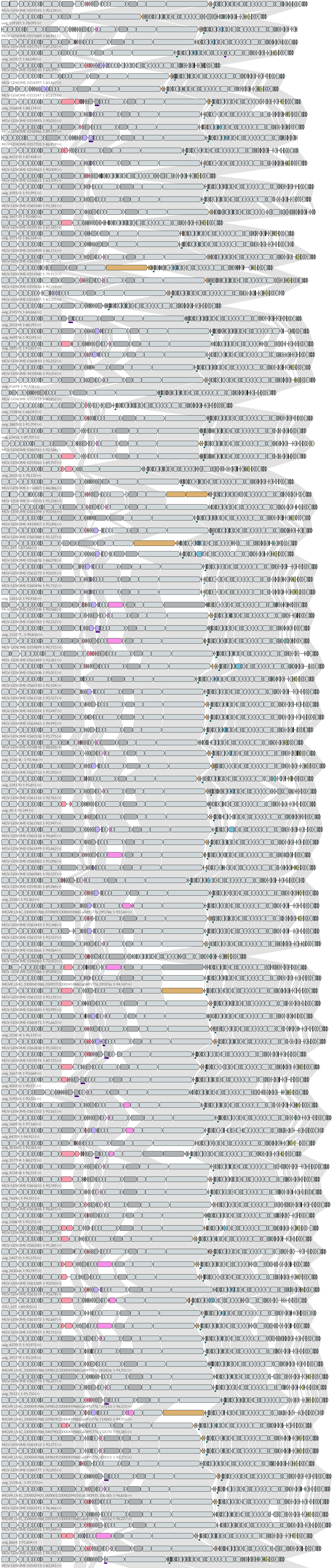
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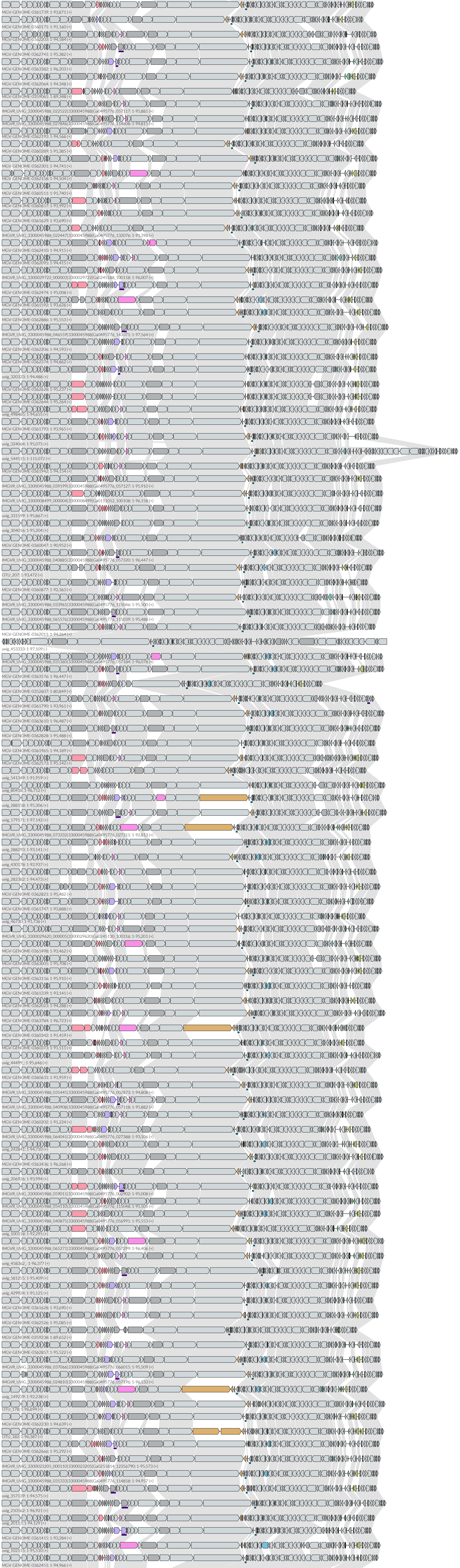
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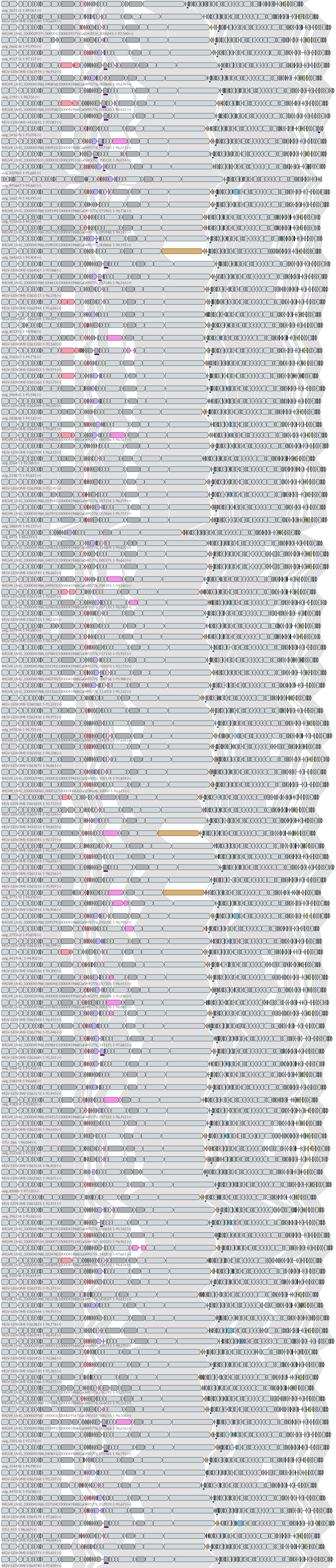
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uvig_188289: 1-96,157 (+)
uvig_6973: 1-88,229 (+)
IMGVR_UViG_3300045988_029813|3300045988|Ga0495776_114809: 1-94,820 (+)
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MGV-GENOME-0363745: 1-96,663 (+)
IMGVR_UViG_3300045988_049923|3300045988|Ga0495776_010393: 1-93,160 (+)
MGV-GENOME-0361154: 1-92,837 (+)
IMGVR_UViG_3300045988_029824|3300045988|Ga0495776_057172: 1-96,060 (+)
MGV-GENOME-0362723: 1-94,310 (+)
uvig_527994: 1-94,280 (+)
MGV-GENOME-0361920: 1-94,129 (+)
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MGV-GENOME-0360382: 1-91,522 (+)
MGV-GENOME-0362456: 1-94,975 (+)
uvig_147836: 1-96,721 (+)
IMGVR_UViG_3300045988_052322|3300045988|Ga0495776_143093: 1-97,628 (+)
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MGV-GENOME-0363875: 1-96,861 (+)
IMGVR_UViG_3300029481_000003|3300029481|Ga0244053_100114: 1-95,894 (+)
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MGV-GENOME-0361659: 1-93,753 (+)
MGV-GENOME-0360974: 1-92,524 (+)
MGV-GENOME-4433352: 1-94,823 (+)
MGV-GENOME-0361092: 1-92,727 (+)
MGV-GENOME-0362669: 1-95,295 (+)
MGV-GENOME-0363713: 1-96,616 (+)
MGV-GENOME-0365116: 1-98,256 (+)
MGV-GENOME-0363155: 1-95,907 (+)
uvig_377176: 1-94,250 (+)
MGV-GENOME-0363914: 1-96,906 (+)
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uvig_279562: 1-93,878 (+)
MGV-GENOME-0362213: 1-94,599 (+)
uvig_441704_: 1-94,902 (+)
MGV-GENOME-0362036: 1-94,300 (+)
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MGV-GENOME-0362796: 1-95,446 (+)
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MGV-GENOME-0362689: 1-95,321 (+)
uvig_106841: 1-95,456 (+)
uvig_118394: 1-94,668 (+)
MGV-GENOME-0363172: 1-95,943 (+)
uvig_418204: 1-93,403 (+)
IMGVR_UViG_3300045988_054257|3300045988|Ga0495776_057323: 1-96,452 (+)
MGV-GENOME-0362220: 1-94,610 (+)
OTU_186: 1-96,064 (+)
uvig_212186: 1-97,002 (+)
MGV-GENOME-0363534: 1-96,402 (+)
MGV-GENOME-0362382: 1-94,875 (+)
uvig_83088: 1-97,510 (+)
MGV-GENOME-0361223: 1-92,951 (+)
uvig_396234: 1-95,265 (+)
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uvig_332598: 1-95,614 (+)
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MGV-GENOME-0362730: 1-95,365 (+)
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uvig_330126: 1-97,276 (+)
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uvig_314498: 1-94,990 (+)
MGV-GENOME-0362568: 1-95,137 (+)
uvig_447002: 1-93,088 (+)
IMGVR_UViG_3300045988_037504|3300045988|Ga0495776_057019: 1-95,623 (+)
MGV-GENOME-0364579: 1-97,683 (+)
OTU_157: 1-98,367 (+)
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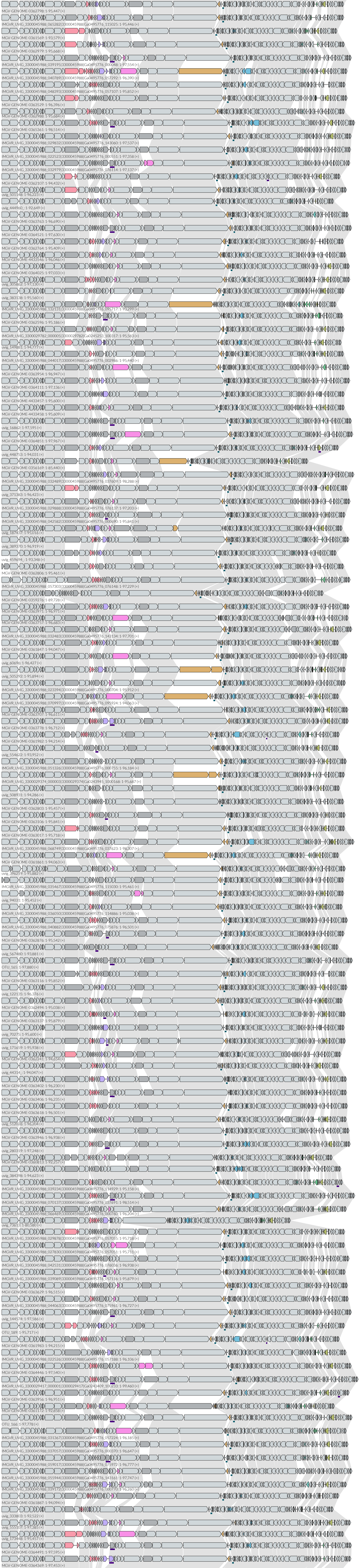
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MGV-GENOME-0360813: 1-92,257 (+)
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IMGVR_UViG_3300045988_039089|3300045988|Ga0495776_057116: 1-95,879 (+)
MGV-GENOME-0363629: 1-96,515 (+)
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OTU_189: 1-95,717 (+)
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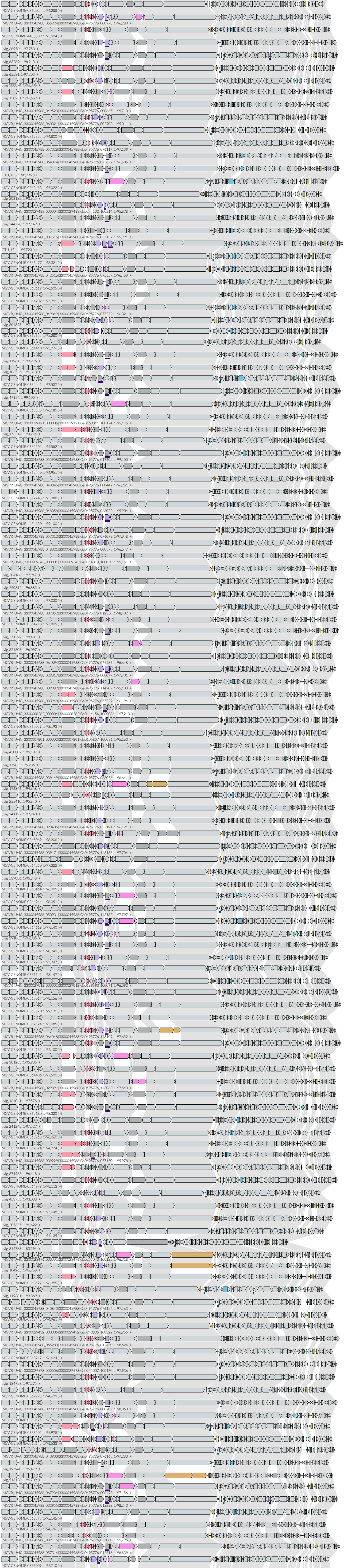
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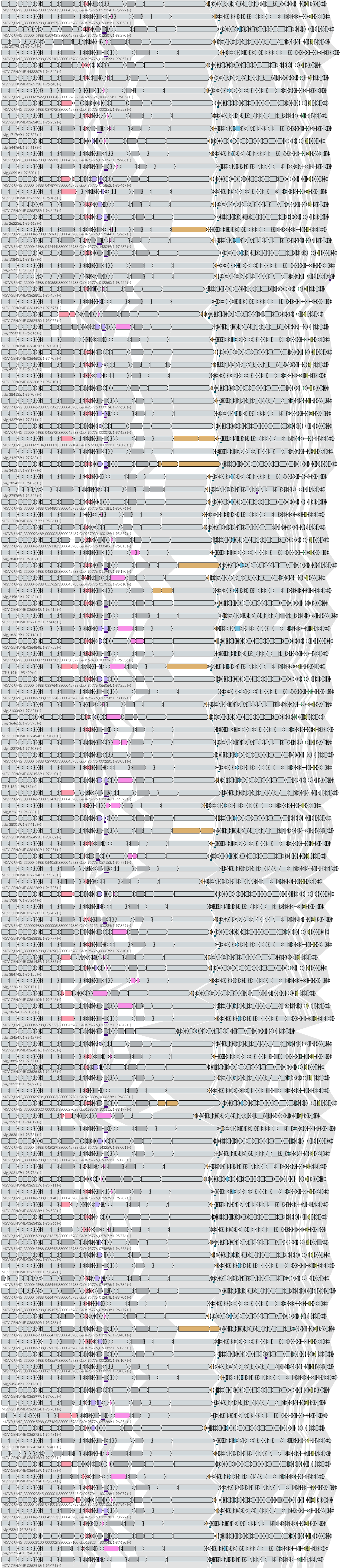
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uvig_207947: 1-96,954 (+)
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MGV-GENOME-0363738: 1-96,648 (+)
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MGV-GENOME-0363405: 1-96,232 (+)
uvig_171789: 1-97,537 (+)
uvig_544764: 1-95,613 (+)
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uvig_60594: 1-97,530 (+)
IMGVR_UViG_3300045988_049899|3300045988|Ga0495776_075862: 1-96,467 (+)
MGV-GENOME-0363293: 1-96,106 (+)
MGV-GENOME-0363732: 1-96,647 (+)
uvig_262236: 1-96,662 (+)
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uvig_108431: 1-99,129 (+)
uvig_6573: 1-98,536 (+)
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MGV-GENOME-0362805: 1-95,459 (+)
MGV-GENOME-0364493: 1-97,595 (+)
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uvig_295008: 1-96,616 (+)
MGV-GENOME-0364050: 1-97,070 (+)
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uvig_493557: 1-96,595 (+)
MGV-GENOME-0363082: 1-95,810 (+)
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uvig_432798: 1-97,311 (+)
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uvig_242973: 1-97,963 (+)
uvig_341317: 1-99,179 (+)
uvig_285412: 1-96,076 (+)
uvig_275769: 1-95,625 (+)
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uvig_245821: 1-97,434 (+)
MGV-GENOME-0363542: 1-96,415 (+)
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uvig_183625: 1-97,118 (+)
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uvig_364652: 1-95,395 (+)
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uvig_123724: 1-97,603 (+)
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MGV-GENOME-0362603: 1-95,202 (+)
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uvig_22206: 1-97,017 (+)
MGV-GENOME-0361104: 1-92,746 (+)
uvig_18694: 1-97,156 (+)
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uvig_383611: 1-98,731 (+)
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uvig_203137: 1-95,976 (+)
MGV-GENOME-0363159: 1-95,911 (+)
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MGV-GENOME-0363638: 1-96,528 (+)
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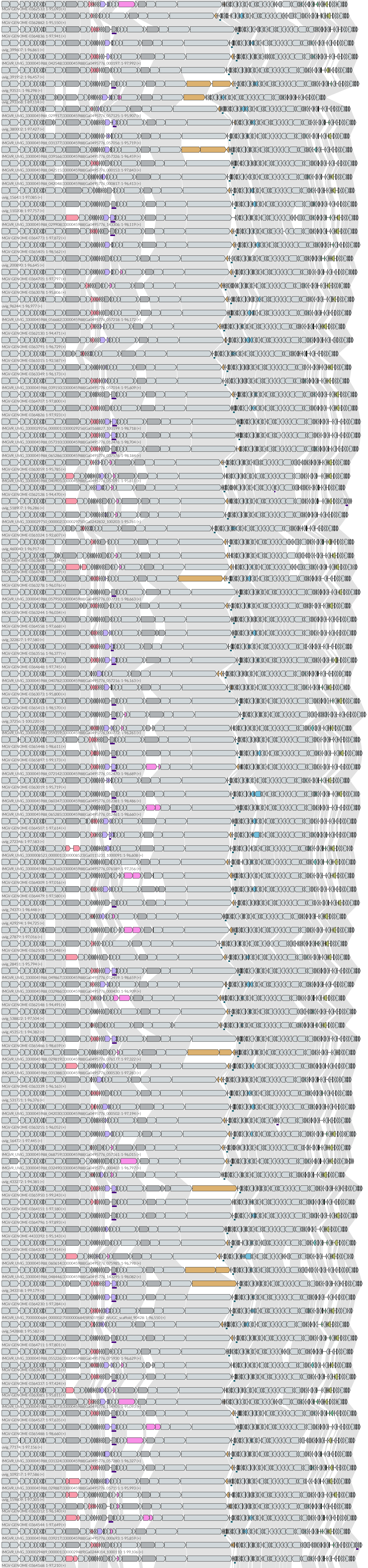
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uvig_74370: 1-98,448 (+)
uvig_429294: 1-94,725 (+)
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MGV-GENOME-0362505: 1-95,048 (+)
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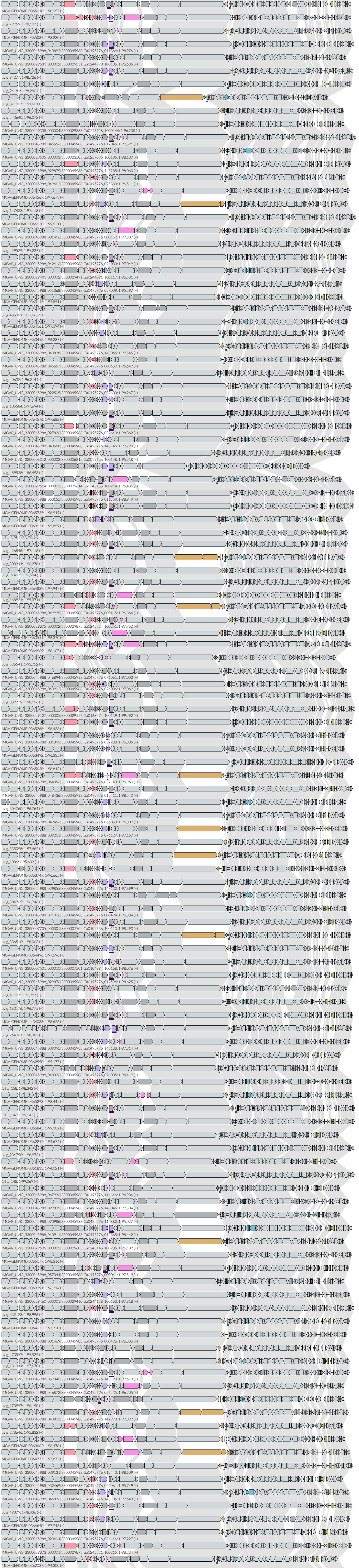
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uvig_243640: 1-96,072 (+)
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uvig_1006: 1-95,602 (+)
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uvig_163176: 1-96,775 (+)
MGV-GENOME-4434033: 1-98,626 (+)
uvig_264261: 1-98,382 (+)
IMGVR_UViG_3300045988_039095|3300045988|Ga0495776_143188: 1-97,814 (+)
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OTU_158: 1-98,342 (+)
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uvig_234750: 1-98,973 (+)
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OTU_148: 1-99,069 (+)
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MGV-GENOME-0364623: 1-97,720 (+)
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uvig_181344: 1-97,670 (+)
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uvig_173957: 1-96,190 (+)
IMGVR_UViG_3300045988_040802|3300045988|Ga0495776_142998: 1-97,392 (+)
uvig_278646: 1-95,832 (+)
MGV-GENOME-0363602: 1-96,478 (+)
MGV-GENOME-0364772: 1-97,872 (+)
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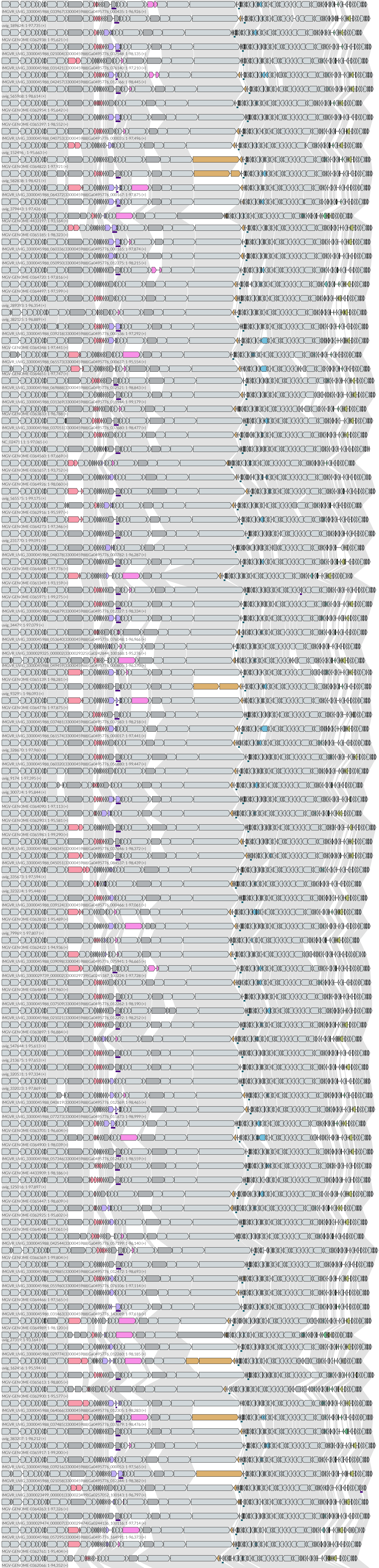
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MGV-GENOME-4433197: 1-93,164 (+)
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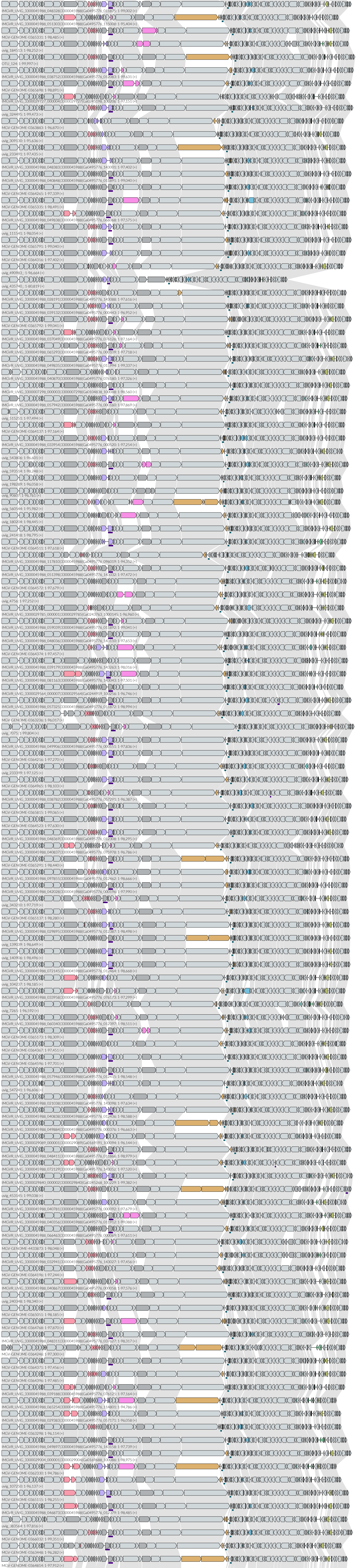
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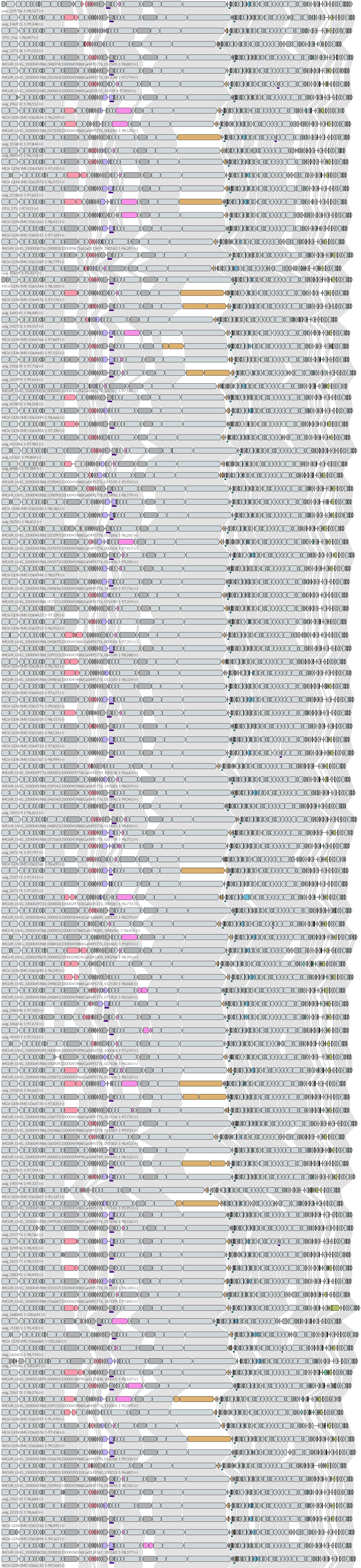
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MGV-GENOME-0365019: 1-98,157 (+)
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MGV-GENOME-0364733: 1-97,833 (+)
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uvig_243519: 1-96,651 (+)
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uvig_247174: 1-97,797 (+)
MGV-GENOME-0363766: 1-96,695 (+)
uvig_233731: 1-97,411 (+)
uvig_327119: 1-97,225 (+)
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MGV-GENOME-0363690: 1-96,593 (+)
IMGVR_UViG_3300045988_049832|3300045988|Ga0495776_012530: 1-98,868 (+)
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uvig_248398: 1-97,500 (+)
uvig_346656: 1-97,672 (+)
uvig_401071: 1-97,553 (+)
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uvig_150283: 1-96,663 (+)
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uvig_190594: 1-99,337 (+)
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uvig_161177: 1-98,114 (+)
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MGV-GENOME-0366684: 1-100,260 (+)
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uvig_576110: 1-98,884 (+)
uvig_223103: 1-98,660 (+)
MGV-GENOME-0365336: 1-98,491 (+)
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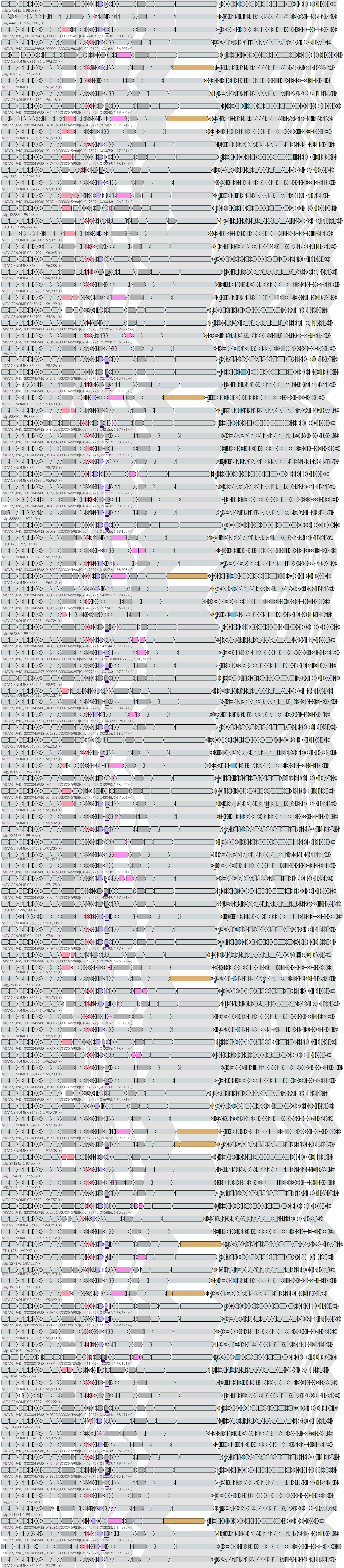
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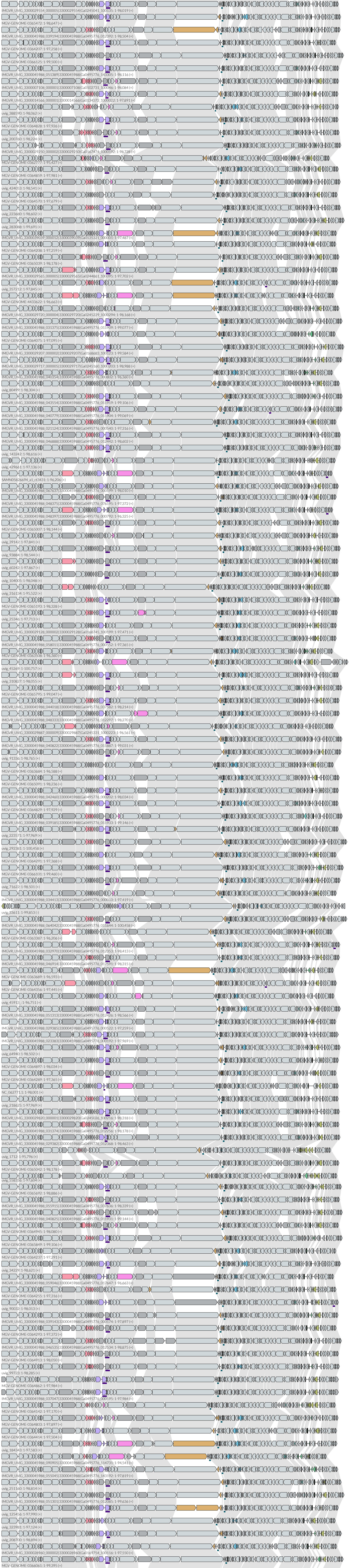
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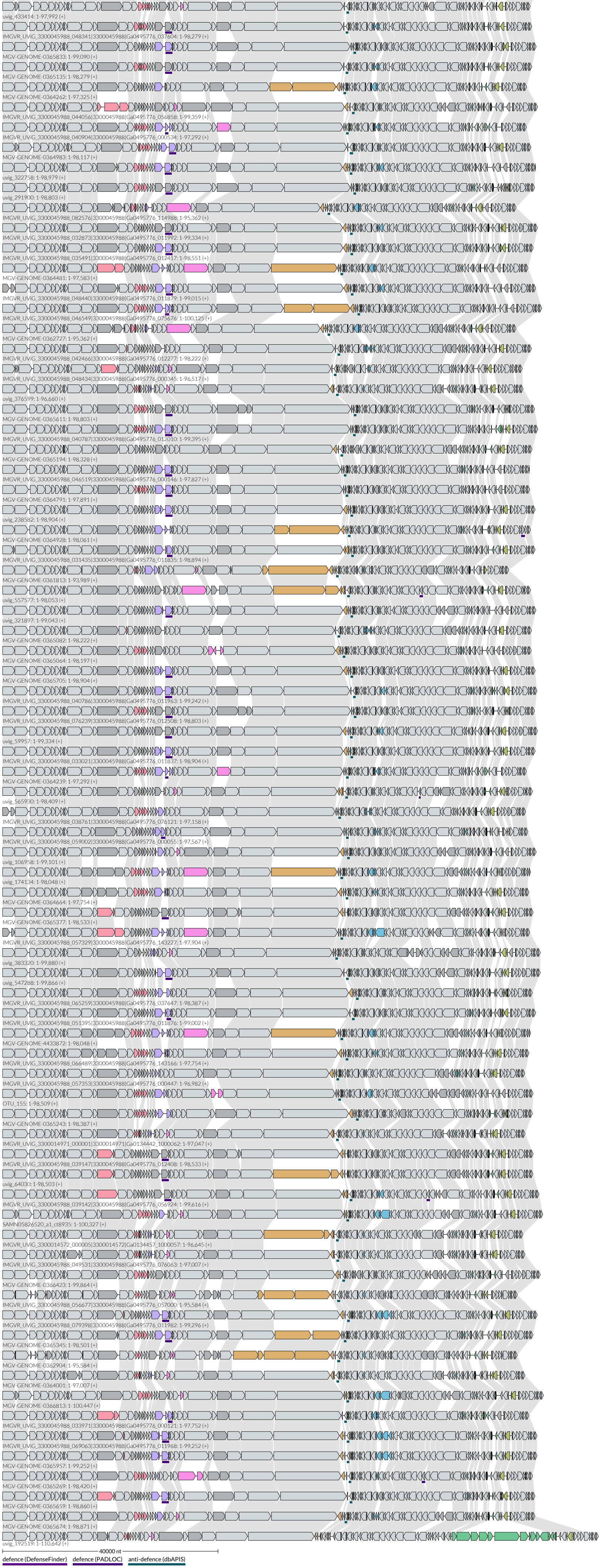
uvig_99723: 1-98,285 (+)
MGV-GENOME-0364862: 1-97,984 (+)
IMGVR_UViG_3300045988_037047|3300045988|Ga0495776_000195: 1-97,984 (+)
MGV-GENOME-0364142: 1-97,170 (+)
MGV-GENOME-0364803: 1-97,897 (+)
MGV-GENOME-0364414: 1-97,504 (+)
uvig_184343: 1-97,583 (+)
IMGVR_UViG_3300045988_090905|3300045988|Ga0495776_114731: 1-94,541 (+)
IMGVR_UViG_3300045988_055045|3300045988|Ga0495776_143192: 1-97,819 (+)
uvig_251160: 1-98,814 (+)
IMGVR_UViG_3300045988_051301|3300045988|Ga0495776_012085: 1-99,636 (+)
uvig_125456: 1-97,990 (+)
uvig_323981: 1-97,124 (+)
uvig_208700: 1-98,894 (+)
IMGVR_UViG_3300028960_000002|3300028960|Ga0169754_100116: 1-97,550 (+)
MGV-GENOME-0366061: 1-99,395 (+)


uvig_433414: 1-97,992 (+)
IMGVR_UViG_3300045988_048341|3300045988|Ga0495776_037604: 1-98,279 (+)
MGV-GENOME-0365833: 1-99,090 (+)
MGV-GENOME-0365135: 1-98,279 (+)
MGV-GENOME-0364262: 1-97,325 (+)
IMGVR_UViG_3300045988_044056|3300045988|Ga0495776_056858: 1-99,359 (+)
IMGVR_UViG_3300045988_040904|3300045988|Ga0495776_000534: 1-97,292 (+)
MGV-GENOME-0364983: 1-98,117 (+)
uvig_322758: 1-98,979 (+)
uvig_291900: 1-98,803 (+)
IMGVR_UViG_3300045988_082576|3300045988|Ga0495776_114988: 1-95,362 (+)
IMGVR_UViG_3300045988_032873|3300045988|Ga0495776_011992: 1-99,334 (+)
IMGVR_UViG_3300045988_035491|3300045988|Ga0495776_012417: 1-98,551 (+)
MGV-GENOME-0364481: 1-97,583 (+)
IMGVR_UViG_3300045988_048440|3300045988|Ga0495776_011879: 1-99,015 (+)
IMGVR_UViG_3300045988_046549|3300045988|Ga0495776_075676: 1-100,125 (+)
MGV-GENOME-0362727: 1-95,362 (+)
IMGVR_UViG_3300045988_042466|3300045988|Ga0495776_012277: 1-98,222 (+)
IMGVR_UViG_3300045988_048434|3300045988|Ga0495776_000345: 1-96,517 (+)
uvig_376599: 1-96,660 (+)
MGV-GENOME-0365611: 1-98,803 (+)
IMGVR_UViG_3300045988_040787|3300045988|Ga0495776_012010: 1-99,395 (+)
MGV-GENOME-0365194: 1-98,328 (+)
IMGVR_UViG_3300045988_046519|3300045988|Ga0495776_000146: 1-97,827 (+)
MGV-GENOME-0364791: 1-97,891 (+)
uvig_238582: 1-98,904 (+)
MGV-GENOME-0364928: 1-98,061 (+)
IMGVR_UViG_3300045988_031435|3300045988|Ga0495776_011835: 1-98,894 (+)
MGV-GENOME-0361813: 1-93,989 (+)
uvig_557577: 1-98,053 (+)
uvig_321897: 1-99,043 (+)
MGV-GENOME-0365082: 1-98,222 (+)
MGV-GENOME-0365064: 1-98,197 (+)
MGV-GENOME-0365705: 1-98,904 (+)
IMGVR_UViG_3300045988_040786|3300045988|Ga0495776_011963: 1-99,242 (+)
IMGVR_UViG_3300045988_076239|3300045988|Ga0495776_012508: 1-98,803 (+)
uvig_59957: 1-99,334 (+)
IMGVR_UViG_3300045988_033021|3300045988|Ga0495776_011837: 1-98,904 (+)
MGV-GENOME-0364239: 1-97,292 (+)
uvig_565930: 1-98,409 (+)
IMGVR_UViG_3300045988_038761|3300045988|Ga0495776_076121: 1-97,158 (+)
IMGVR_UViG_3300045988_059002|3300045988|Ga0495776_000055: 1-97,567 (+)
uvig_106958: 1-99,101 (+)
uvig_174134: 1-98,048 (+)
MGV-GENOME-0364664: 1-97,754 (+)
MGV-GENOME-0365377: 1-98,533 (+)
IMGVR_UViG_3300045988_057329|3300045988|Ga0495776_143227: 1-97,904 (+)
uvig_383320: 1-99,880 (+)
uvig_547288: 1-99,866 (+)
IMGVR_UViG_3300045988_065259|3300045988|Ga0495776_037647: 1-98,387 (+)
IMGVR_UViG_3300045988_051395|3300045988|Ga0495776_011876: 1-99,002 (+)
MGV-GENOME-4433872: 1-98,048 (+)
IMGVR_UViG_3300045988_066489|3300045988|Ga0495776_143166: 1-97,754 (+)
IMGVR_UViG_3300045988_057353|3300045988|Ga0495776_000447: 1-96,982 (+)
OTU_155: 1-98,509 (+)
MGV-GENOME-0365243: 1-98,387 (+)
IMGVR_UViG_3300014971_000001|3300014971|Ga0134442_1000062: 1-97,047 (+)
IMGVR_UViG_3300045988_039147|3300045988|Ga0495776_012408: 1-98,533 (+)
uvig_64030: 1-98,503 (+)
IMGVR_UViG_3300045988_039142|3300045988|Ga0495776_056924: 1-99,616 (+)
SAMN05826520_a1_ct8935: 1-100,327 (+)
IMGVR_UViG_3300014572_000005|3300014572|Ga0134457_1000057: 1-96,645 (+)
IMGVR_UViG_3300045988_049531|3300045988|Ga0495776_076063: 1-97,007 (+)
MGV-GENOME-0366423: 1-99,864 (+)
IMGVR_UViG_3300045988_056677|3300045988|Ga0495776_057000: 1-95,584 (+)
IMGVR_UViG_3300045988_079398|3300045988|Ga0495776_011982: 1-99,296 (+)
MGV-GENOME-0365345: 1-98,501 (+)
MGV-GENOME-0362904: 1-95,584 (+)
MGV-GENOME-0364001: 1-97,007 (+)
MGV-GENOME-0366813: 1-100,447 (+)
IMGVR_UViG_3300045988_033971|3300045988|Ga0495776_000121: 1-97,752 (+)
IMGVR_UViG_3300045988_069063|3300045988|Ga0495776_011968: 1-99,252 (+)
MGV-GENOME-0365957: 1-99,252 (+)
MGV-GENOME-0365269: 1-98,420 (+)
MGV-GENOME-0365659: 1-98,860 (+)
MGV-GENOME-0365674: 1-98,871 (+)
uvig_192519: 1-110,642 (+)
40000 nt
defence (DefenseFinder)
defence (PADLOC)
anti-defence (dbAPIS)