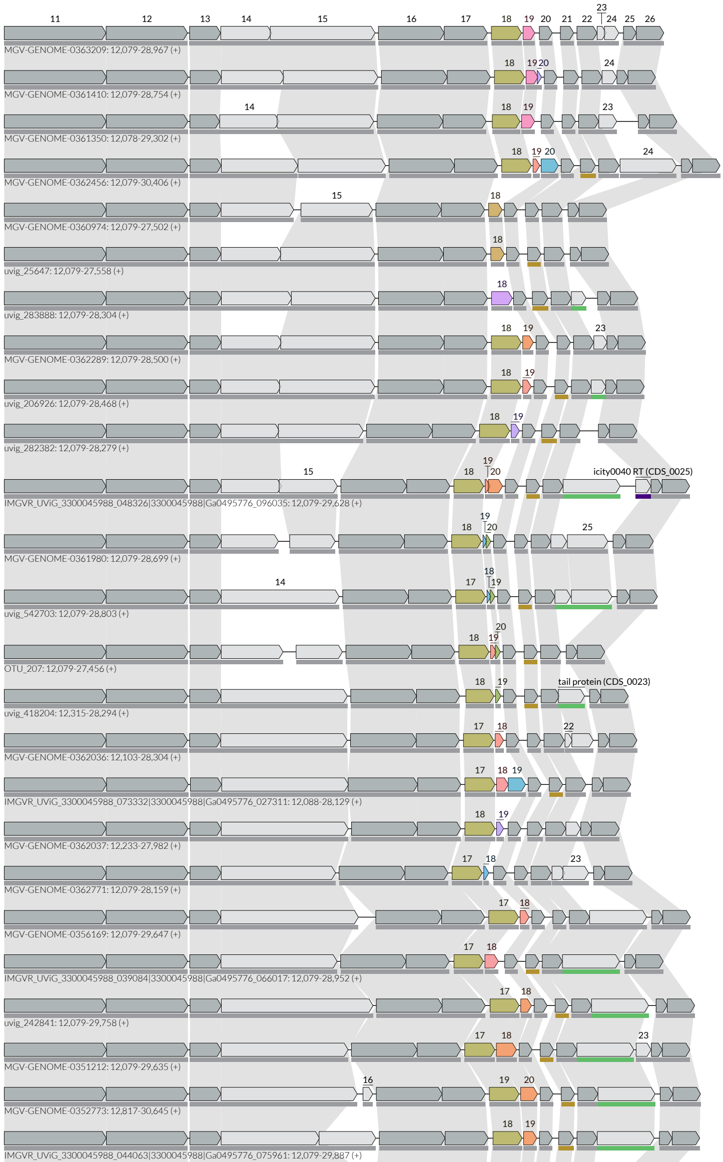
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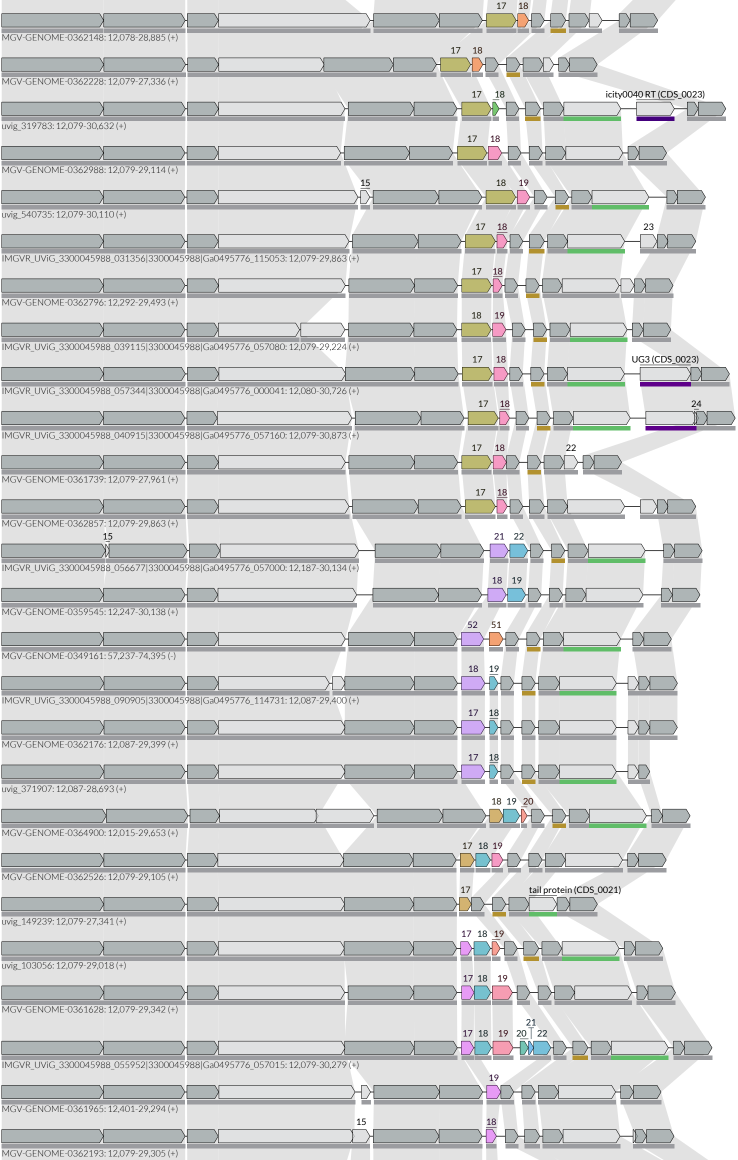
26
MGV-GENOME-0363209: 12,079-28,967 (+)
MGV-GENOME-0361410: 12,079-28,754 (+)
MGV-GENOME-0361350: 12,078-29,302 (+)
MGV-GENOME-0362456: 12,079-30,406 (+)
MGV-GENOME-0360974: 12,079-27,502 (+)
uvig_25647: 12,079-27,558 (+)
uvig_283888: 12,079-28,304 (+)
MGV-GENOME-0362289: 12,079-28,500 (+)
uvig_206926: 12,079-28,468 (+)
uvig_282382: 12,079-28,279 (+)
icity0040 RT (CDS_0025)
IMGVR_UViG_3300045988_048326|3300045988|Ga0495776_096035: 12,079-29,628 (+)
MGV-GENOME-0361980: 12,079-28,699 (+)
uvig_542703: 12,079-28,803 (+)
OTU_207: 12,079-27,456 (+)
tail protein (CDS_0023)
uvig_418204: 12,315-28,294 (+)
MGV-GENOME-0362036: 12,103-28,304 (+)
IMGVR_UViG_3300045988_073332|3300045988|Ga0495776_027311: 12,088-28,129 (+)
MGV-GENOME-0362037: 12,233-27,982 (+)
MGV-GENOME-0362771: 12,079-28,159 (+)
MGV-GENOME-0356169: 12,079-29,647 (+)
IMGVR_UViG_3300045988_039084|3300045988|Ga0495776_066017: 12,079-28,952 (+)
uvig_242841: 12,079-29,758 (+)
MGV-GENOME-0351212: 12,079-29,635 (+)
MGV-GENOME-0352773: 12,817-30,645 (+)
IMGVR_UViG_3300045988_044063|3300045988|Ga0495776_075961: 12,079-29,887 (+)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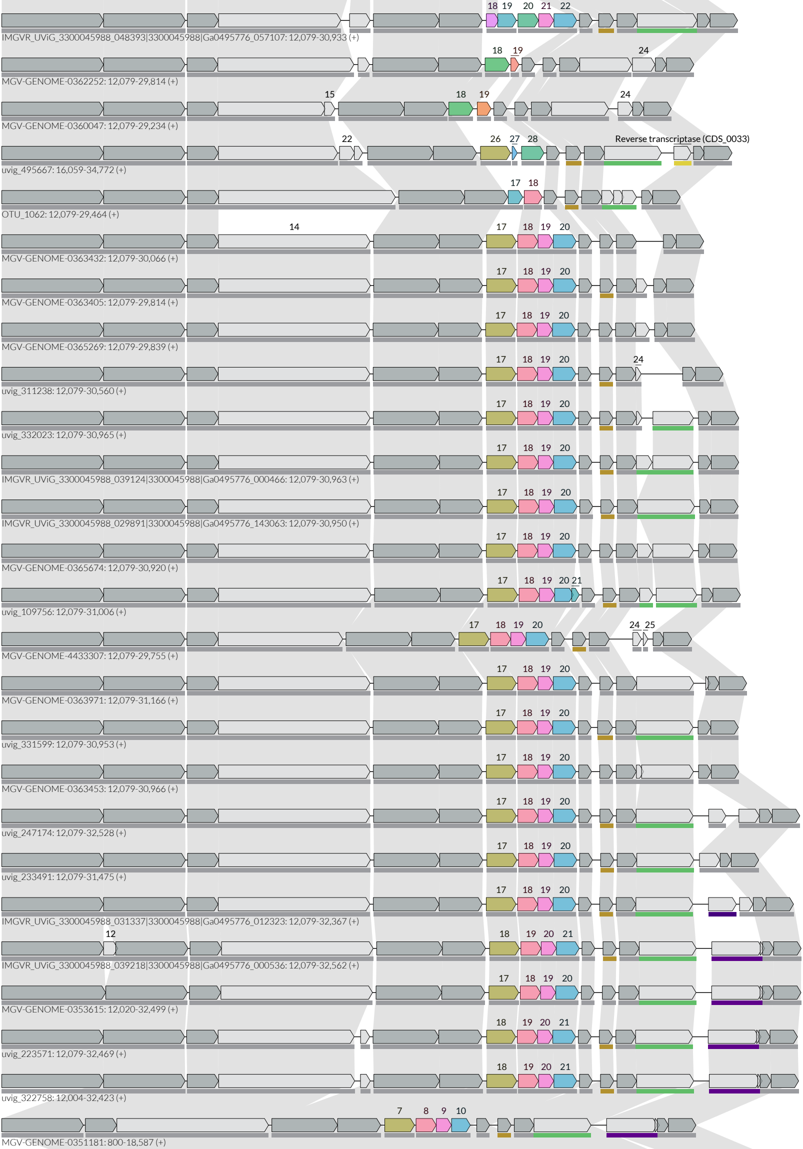
18
MGV-GENOME-0362148: 12,078-28,885 (+)
17
18
MGV-GENOME-0362228: 12,079-27,336 (+)
17
18
icity0040 RT (CDS_0023)
uvig_319783: 12,079-30,632 (+)
17
18
MGV-GENOME-0362988: 12,079-29,114 (+)
15
18
19
uvig_540735: 12,079-30,110 (+)
17
18
23
IMGVR_UViG_3300045988_031356|3300045988|Ga0495776_115053: 12,079-29,863 (+)
17
18
MGV-GENOME-0362796: 12,292-29,493 (+)
18
19
IMGVR_UViG_3300045988_039115|3300045988|Ga0495776_057080: 12,079-29,224 (+)
17
18
UG3 (CDS_0023)
IMGVR_UViG_3300045988_057344|3300045988|Ga0495776_000041: 12,080-30,726 (+)
17
18
24
IMGVR_UViG_3300045988_040915|3300045988|Ga0495776_057160: 12,079-30,873 (+)
17
18
22
MGV-GENOME-0361739: 12,079-27,961 (+)
17
18
MGV-GENOME-0362857: 12,079-29,863 (+)
15
21
22
IMGVR_UViG_3300045988_056677|3300045988|Ga0495776_057000: 12,187-30,134 (+)
18
19
MGV-GENOME-0359545: 12,247-30,138 (+)
52
51
MGV-GENOME-0349161: 57,237-74,395 (-)
18
19
IMGVR_UViG_3300045988_090905|3300045988|Ga0495776_114731: 12,087-29,400 (+)
17
18
MGV-GENOME-0362176: 12,087-29,399 (+)
17
18
uvig_371907: 12,087-28,693 (+)
18
19
20
MGV-GENOME-0364900: 12,015-29,653 (+)
17
18
19
MGV-GENOME-0362526: 12,079-29,105 (+)
17
tail protein (CDS_0021)
uvig_149239: 12,079-27,341 (+)
17
18
19
uvig_103056: 12,079-29,018 (+)
17
18
19
MGV-GENOME-0361628: 12,079-29,342 (+)
21
17
18
19
20
22
IMGVR_UViG_3300045988_055952|3300045988|Ga0495776_057015: 12,079-30,279 (+)
19
MGV-GENOME-0361965: 12,401-29,294 (+)
15
18
MGV-GENOME-0362193: 12,079-29,305 (+)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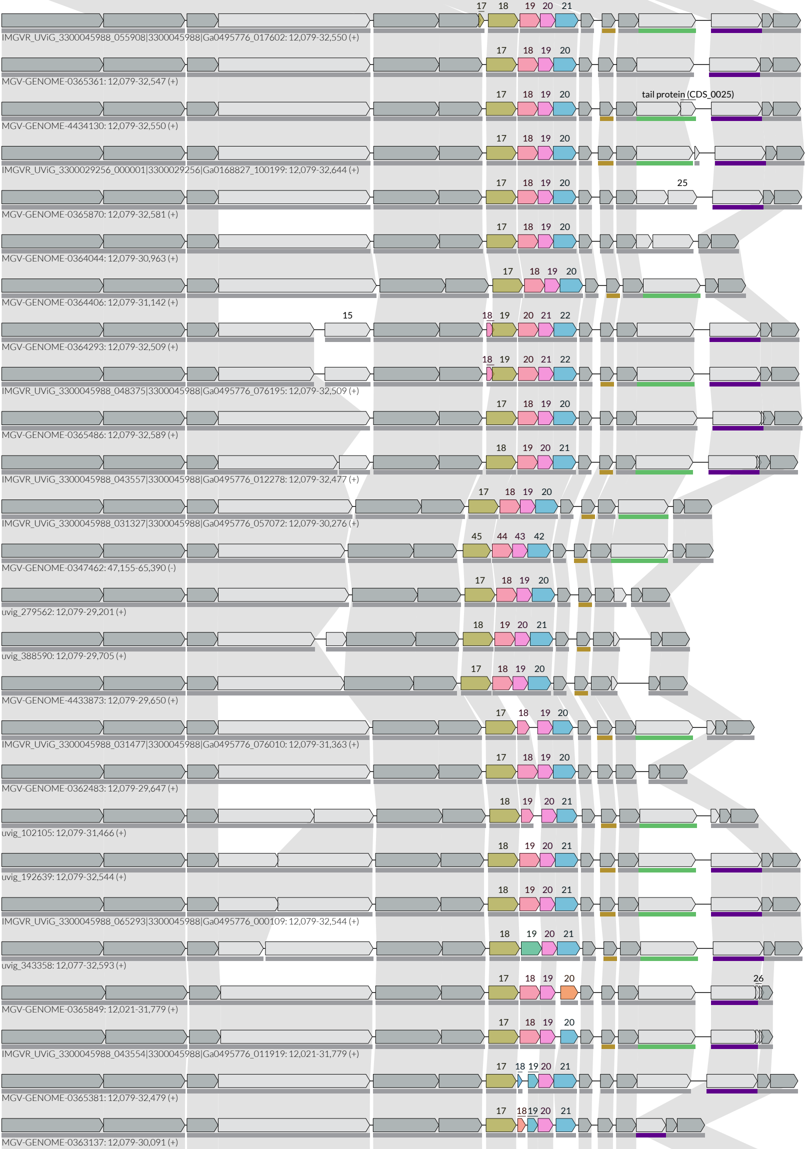
IMGVR_UViG_3300045988_048393|3300045988|Ga0495776_057107: 12,079-30,933 (+)
18 19 24
MGV-GENOME-0362252: 12,079-29,814 (+)
15 18 19 24
MGV-GENOME-0360047: 12,079-29,234 (+)
22 26 27 28
Reverse transcriptase (CDS_0033)
uvig_495667: 16,059-34,772 (+)
17 18
OTU_1062: 12,079-29,464 (+)
14 17 18 19 20
MGV-GENOME-0363432: 12,079-30,066 (+)
17 18 19 20
MGV-GENOME-0363405: 12,079-29,814 (+)
17 18 19 20
MGV-GENOME-0365269: 12,079-29,839 (+)
17 18 19 20 24
uvig_311238: 12,079-30,560 (+)
17 18 19 20
uvig_332023: 12,079-30,965 (+)
17 18 19 20
IMGVR_UViG_3300045988_039124|3300045988|Ga0495776_000466: 12,079-30,963 (+)
17 18 19 20
IMGVR_UViG_3300045988_029891|3300045988|Ga0495776_143063: 12,079-30,950 (+)
17 18 19 20
MGV-GENOME-0365674: 12,079-30,920 (+)
17 18 19 20 21
uvig_109756: 12,079-31,006 (+)
17 18 19 20 24 25
MGV-GENOME-4433307: 12,079-29,755 (+)
17 18 19 20
MGV-GENOME-0363971: 12,079-31,166 (+)
17 18 19 20
uvig_331599: 12,079-30,953 (+)
17 18 19 20
MGV-GENOME-0363453: 12,079-30,966 (+)
17 18 19 20
uvig_247174: 12,079-32,528 (+)
17 18 19 20
uvig_233491: 12,079-31,475 (+)
17 18 19 20
IMGVR_UViG_3300045988_031337|3300045988|Ga0495776_012323: 12,079-32,367 (+)
12 18 19 20 21
IMGVR_UViG_3300045988_039218|3300045988|Ga0495776_000536: 12,079-32,562 (+)
17 18 19 20
MGV-GENOME-0353615: 12,020-32,499 (+)
18 19 20 21
uvig_223571: 12,079-32,469 (+)
18 19 20 21
uvig_322758: 12,004-32,423 (+)
7 8 9 10
MGV-GENOME-0351181: 800-18,587 (+)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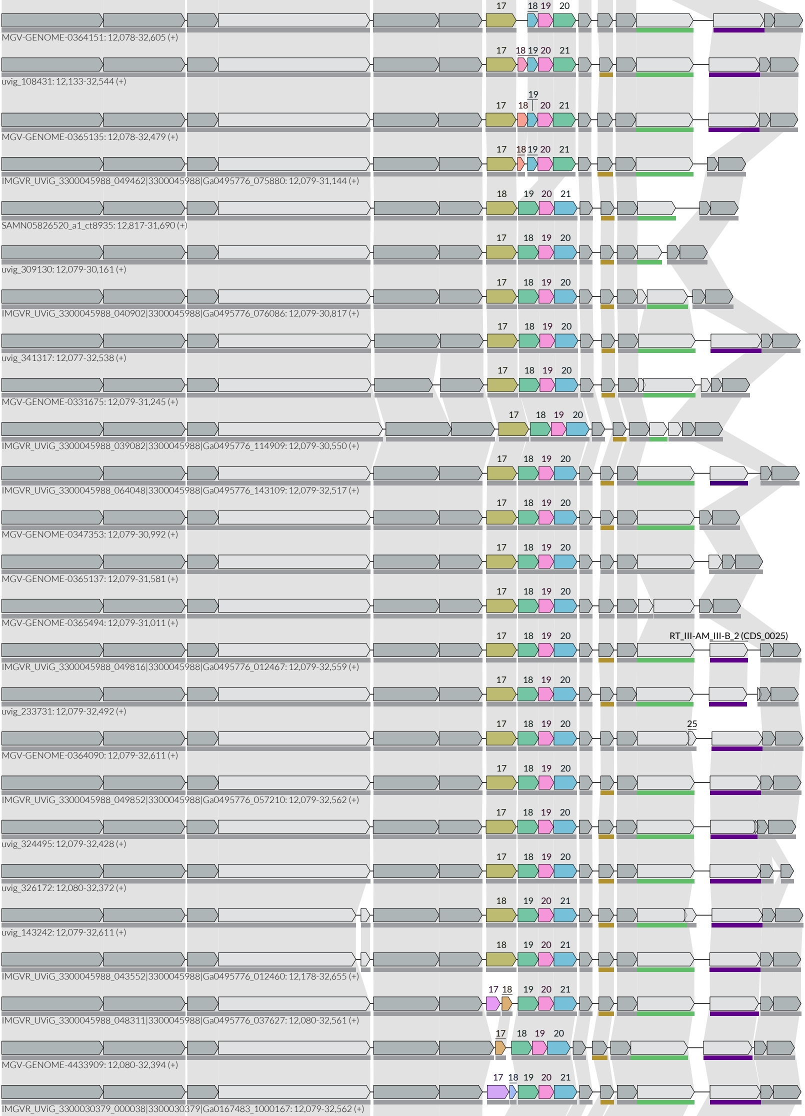
IMGVR_UViG_3300045988_055908|3300045988|Ga0495776_017602: 12,079-32,550 (+)
17 18 19 20
MGV-GENOME-0365361: 12,079-32,547 (+)
17 18 19 20
tail protein (CDS_0025)
MGV-GENOME-4434130: 12,079-32,550 (+)
17 18 19 20
IMGVR_UViG_3300029256_000001|3300029256|Ga0168827_100199: 12,079-32,644 (+)
17 18 19 20 25
MGV-GENOME-0365870: 12,079-32,581 (+)
17 18 19 20
MGV-GENOME-0364044: 12,079-30,963 (+)
17 18 19 20
MGV-GENOME-0364406: 12,079-31,142 (+)
15 18 19 20 21 22
MGV-GENOME-0364293: 12,079-32,509 (+)
18 19 20 21 22
IMGVR_UViG_3300045988_048375|3300045988|Ga0495776_076195: 12,079-32,509 (+)
17 18 19 20
MGV-GENOME-0365486: 12,079-32,589 (+)
18 19 20 21
IMGVR_UViG_3300045988_043557|3300045988|Ga0495776_012278: 12,079-32,477 (+)
17 18 19 20
IMGVR_UViG_3300045988_031327|3300045988|Ga0495776_057072: 12,079-30,276 (+)
45 44 43 42
MGV-GENOME-0347462: 47,155-65,390 (-)
17 18 19 20
uvig_279562: 12,079-29,201 (+)
18 19 20 21
uvig_388590: 12,079-29,705 (+)
17 18 19 20
MGV-GENOME-4433873: 12,079-29,650 (+)
17 18 19 20
IMGVR_UViG_3300045988_031477|3300045988|Ga0495776_076010: 12,079-31,363 (+)
17 18 19 20
MGV-GENOME-0362483: 12,079-29,647 (+)
18 19 20 21
uvig_102105: 12,079-31,466 (+)
18 19 20 21
uvig_192639: 12,079-32,544 (+)
18 19 20 21
IMGVR_UViG_3300045988_065293|3300045988|Ga0495776_000109: 12,079-32,544 (+)
18 19 20 21
uvig_343358: 12,077-32,593 (+)
17 18 19 20 26
MGV-GENOME-0365849: 12,021-31,779 (+)
17 18 19 20
IMGVR_UViG_3300045988_043554|3300045988|Ga0495776_011919: 12,021-31,779 (+)
17 18 19 20 21
MGV-GENOME-0365381: 12,079-32,479 (+)
17 18 19 20 21
MGV-GENOME-0363137: 12,079-30,091 (+)


17
18
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MGV-GENOME-0364151: 12,078-32,605 (+)
17
18
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21
uvig_108431: 12,133-32,544 (+)
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21
MGV-GENOME-0365135: 12,078-32,479 (+)
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21
IMGVR_UViG_3300045988_049462|3300045988|Ga0495776_075880: 12,079-31,144 (+)
18
19
20
21
SAMN05826520_a1_ct8935: 12,817-31,690 (+)
17
18
19
20
uvig_309130: 12,079-30,161 (+)
17
18
19
20
IMGVR_UViG_3300045988_040902|3300045988|Ga0495776_076086: 12,079-30,817 (+)
17
18
19
20
uvig_341317: 12,077-32,538 (+)
17
18
19
20
MGV-GENOME-0331675: 12,079-31,245 (+)
17
18
19
20
IMGVR_UViG_3300045988_039082|3300045988|Ga0495776_114909: 12,079-30,550 (+)
17
18
19
20
IMGVR_UViG_3300045988_064048|3300045988|Ga0495776_143109: 12,079-32,517 (+)
17
18
19
20
MGV-GENOME-0347353: 12,079-30,992 (+)
17
18
19
20
MGV-GENOME-0365137: 12,079-31,581 (+)
17
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19
20
MGV-GENOME-0365494: 12,079-31,011 (+)
17
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19
20
RT_III-AM_III-B_2 (CDS_0025)
IMGVR_UViG_3300045988_049816|3300045988|Ga0495776_012467: 12,079-32,559 (+)
17
18
19
20
uvig_233731: 12,079-32,492 (+)
17
18
19
20
25
MGV-GENOME-0364090: 12,079-32,611 (+)
17
18
19
20
IMGVR_UViG_3300045988_049852|3300045988|Ga0495776_057210: 12,079-32,562 (+)
17
18
19
20
uvig_324495: 12,079-32,428 (+)
17
18
19
20
uvig_326172: 12,080-32,372 (+)
18
19
20
21
uvig_143242: 12,079-32,611 (+)
18
19
20
21
IMGVR_UViG_3300045988_043552|3300045988|Ga0495776_012460: 12,178-32,655 (+)
17
18
19
20
21
IMGVR_UViG_3300045988_048311|3300045988|Ga0495776_037627: 12,080-32,561 (+)
17
18
19
20
MGV-GENOME-4433909: 12,080-32,394 (+)
17
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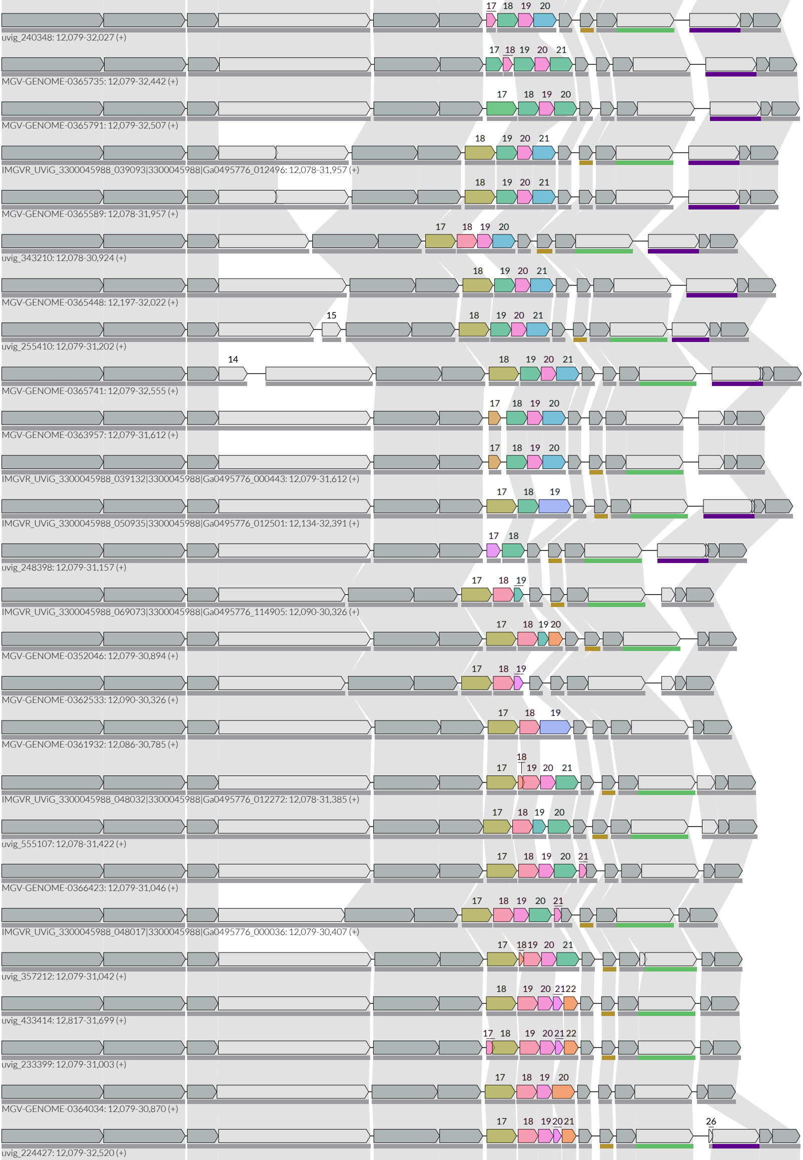
21
IMGVR_UViG_3300030379_000038|3300030379|Ga0167483_1000167: 12,079-32,562 (+)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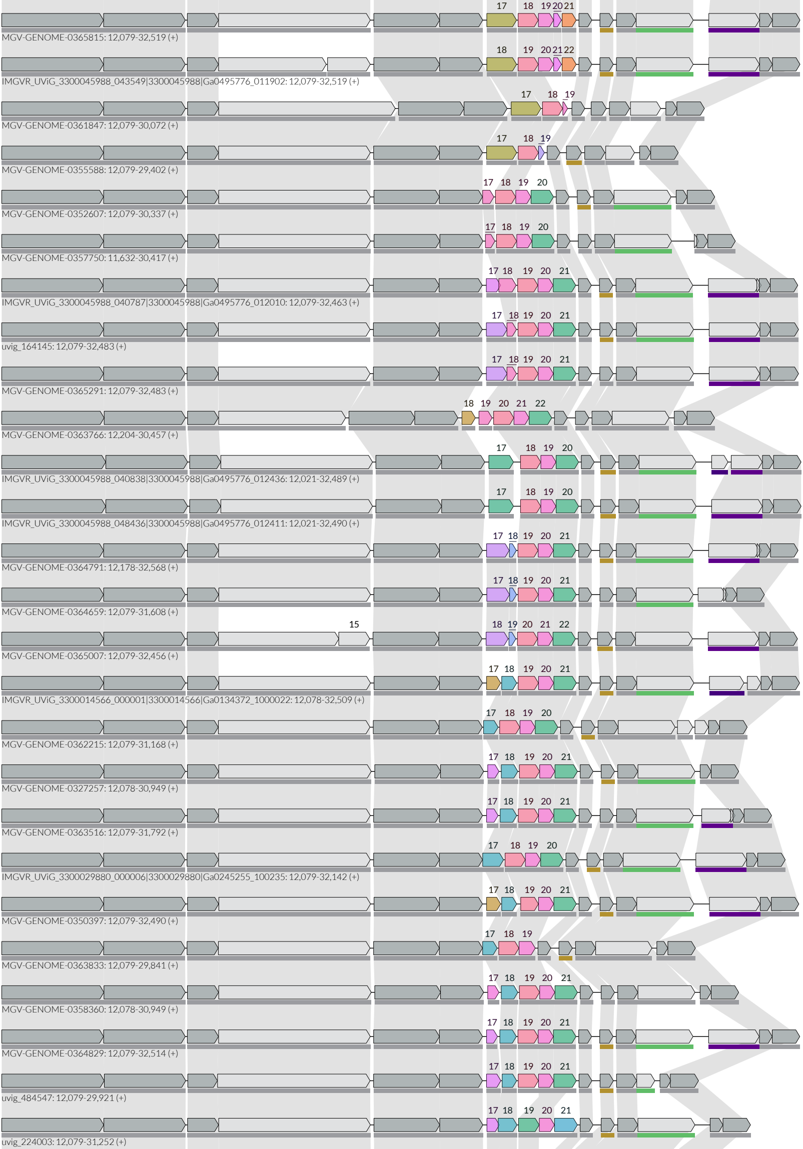
uvig_240348: 12,079-32,027 (+)
17 18 19 20 21
MGV-GENOME-0365735: 12,079-32,442 (+)
17 18 19 20
MGV-GENOME-0365791: 12,079-32,507 (+)
18 19 20 21
IMGVR_UViG_3300045988_039093|3300045988|Ga0495776_012496: 12,078-31,957 (+)
18 19 20 21
MGV-GENOME-0365589: 12,078-31,957 (+)
17 18 19 20
uvig_343210: 12,078-30,924 (+)
18 19 20 21
MGV-GENOME-0365448: 12,197-32,022 (+)
15 18 19 20 21
uvig_255410: 12,079-31,202 (+)
14 18 19 20 21
MGV-GENOME-0365741: 12,079-32,555 (+)
17 18 19 20
MGV-GENOME-0363957: 12,079-31,612 (+)
17 18 19 20
IMGVR_UViG_3300045988_039132|3300045988|Ga0495776_000443: 12,079-31,612 (+)
17 18 19
IMGVR_UViG_3300045988_050935|3300045988|Ga0495776_012501: 12,134-32,391 (+)
17 18
uvig_248398: 12,079-31,157 (+)
17 18 19
IMGVR_UViG_3300045988_069073|3300045988|Ga0495776_114905: 12,090-30,326 (+)
17 18 19 20
MGV-GENOME-0352046: 12,079-30,894 (+)
17 18 19
MGV-GENOME-0362533: 12,090-30,326 (+)
17 18 19
MGV-GENOME-0361932: 12,086-30,785 (+)
18
17 19 20 21
IMGVR_UViG_3300045988_048032|3300045988|Ga0495776_012272: 12,078-31,385 (+)
17 18 19 20
uvig_555107: 12,078-31,422 (+)
17 18 19 20 21
MGV-GENOME-0366423: 12,079-31,046 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_048017|3300045988|Ga0495776_000036: 12,079-30,407 (+)
17 18 19 20 21
uvig_357212: 12,079-31,042 (+)
18 19 20 21 22
uvig_433414: 12,817-31,699 (+)
17 18 19 20 21 22
uvig_233399: 12,079-31,003 (+)
17 18 19 20
MGV-GENOME-0364034: 12,079-30,870 (+)
17 18 19 20 21 26
uvig_224427: 12,079-32,520 (+)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MGV-GENOME-0365815: 12,079-32,519 (+)
18 19 20 21 22
IMGVR_UViG_3300045988_043549|3300045988|Ga0495776_011902: 12,079-32,519 (+)
17 18 19
MGV-GENOME-0361847: 12,079-30,072 (+)
17 18 19
MGV-GENOME-0355588: 12,079-29,402 (+)
17 18 19 20
MGV-GENOME-0352607: 12,079-30,337 (+)
17 18 19 20
MGV-GENOME-0357750: 11,632-30,417 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_040787|3300045988|Ga0495776_012010: 12,079-32,463 (+)
17 18 19 20 21
uvig_164145: 12,079-32,483 (+)
17 18 19 20 21
MGV-GENOME-0365291: 12,079-32,483 (+)
18 19 20 21 22
MGV-GENOME-0363766: 12,204-30,457 (+)
17 18 19 20
IMGVR_UViG_3300045988_040838|3300045988|Ga0495776_012436: 12,021-32,489 (+)
17 18 19 20
IMGVR_UViG_3300045988_048436|3300045988|Ga0495776_012411: 12,021-32,490 (+)
17 18 19 20 21
MGV-GENOME-0364791: 12,178-32,568 (+)
17 18 19 20 21
MGV-GENOME-0364659: 12,079-31,608 (+)
15
18 19 20 21 22
MGV-GENOME-0365007: 12,079-32,456 (+)
17 18 19 20 21
IMGVR_UViG_3300014566_000001|3300014566|Ga0134372_1000022: 12,078-32,509 (+)
17 18 19 20
MGV-GENOME-0362215: 12,079-31,168 (+)
17 18 19 20 21
MGV-GENOME-0327257: 12,078-30,949 (+)
17 18 19 20 21
MGV-GENOME-0363516: 12,079-31,792 (+)
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IMGVR_UViG_3300029880_000006|3300029880|Ga0245255_100235: 12,079-32,142 (+)
17 18 19 20 21
MGV-GENOME-0350397: 12,079-32,490 (+)
17 18 19
MGV-GENOME-0363833: 12,079-29,841 (+)
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MGV-GENOME-0358360: 12,078-30,949 (+)
17 18 19 20 21
MGV-GENOME-0364829: 12,079-32,514 (+)
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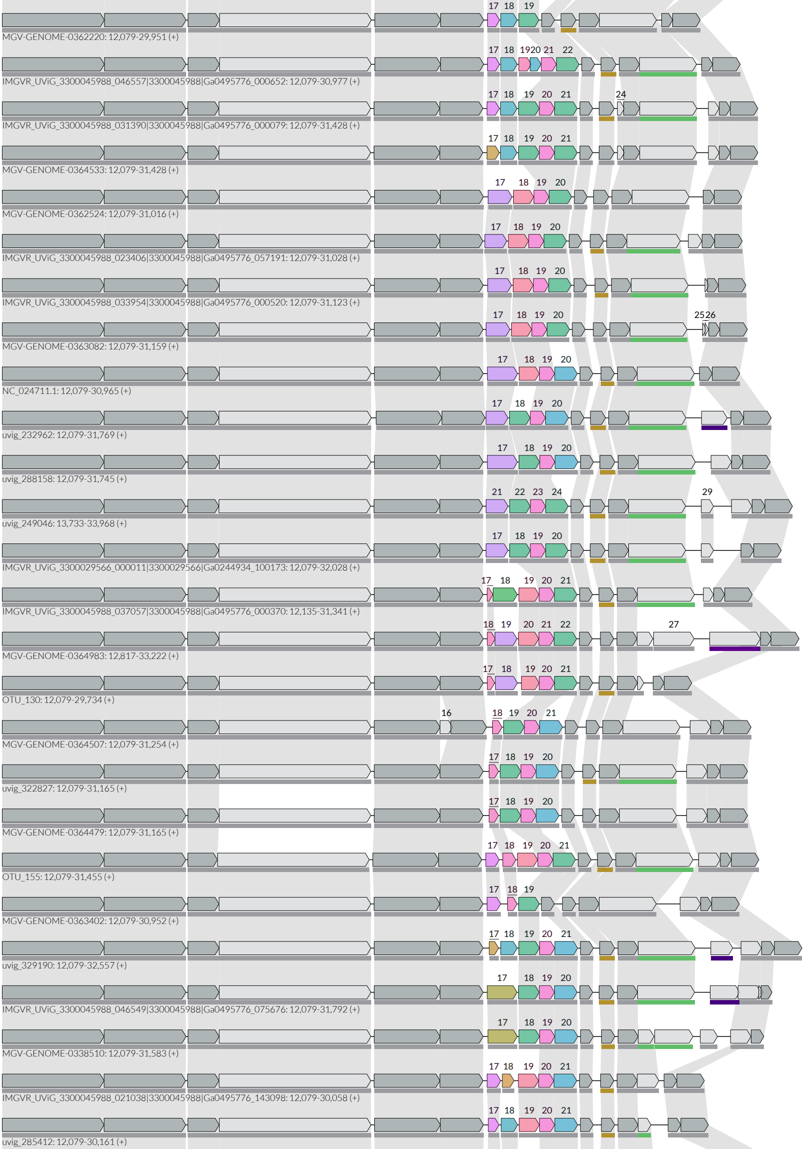
uvig_484547: 12,079-29,921 (+)
17 18 19 20 21
uvig_224003: 12,079-31,252 (+)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MGV-GENOME-0362220: 12,079-29,951 (+)
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IMGVR_UViG_3300045988_046557|3300045988|Ga0495776_000652: 12,079-30,977 (+)
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IMGVR_UViG_3300045988_031390|3300045988|Ga0495776_000079: 12,079-31,428 (+)
17 18 19 20 21
MGV-GENOME-0364533: 12,079-31,428 (+)
17 18 19 20
MGV-GENOME-0362524: 12,079-31,016 (+)
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IMGVR_UViG_3300045988_023406|3300045988|Ga0495776_057191: 12,079-31,028 (+)
17 18 19 20
IMGVR_UViG_3300045988_033954|3300045988|Ga0495776_000520: 12,079-31,123 (+)
17 18 19 20 25 26
MGV-GENOME-0363082: 12,079-31,159 (+)
17 18 19 20
NC_024711.1: 12,079-30,965 (+)
17 18 19 20
uvig_232962: 12,079-31,769 (+)
17 18 19 20
uvig_288158: 12,079-31,745 (+)
21 22 23 24 29
uvig_249046: 13,733-33,968 (+)
17 18 19 20
IMGVR_UViG_3300029566_000011|3300029566|Ga0244934_100173: 12,079-32,028 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_037057|3300045988|Ga0495776_000370: 12,135-31,341 (+)
18 19 20 21 22 27
MGV-GENOME-0364983: 12,817-33,222 (+)
17 18 19 20 21
OTU_130: 12,079-29,734 (+)
16 18 19 20 21
MGV-GENOME-0364507: 12,079-31,254 (+)
17 18 19 20
uvig_322827: 12,079-31,165 (+)
17 18 19 20
MGV-GENOME-0364479: 12,079-31,165 (+)
17 18 19 20 21
OTU_155: 12,079-31,455 (+)
17 18 19
MGV-GENOME-0363402: 12,079-30,952 (+)
17 18 19 20 21
uvig_329190: 12,079-32,557 (+)
17 18 19 20
IMGVR_UViG_3300045988_046549|3300045988|Ga0495776_075676: 12,079-31,792 (+)
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MGV-GENOME-0338510: 12,079-31,583 (+)
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IMGVR_UViG_3300045988_021038|3300045988|Ga0495776_143098: 12,079-30,058 (+)
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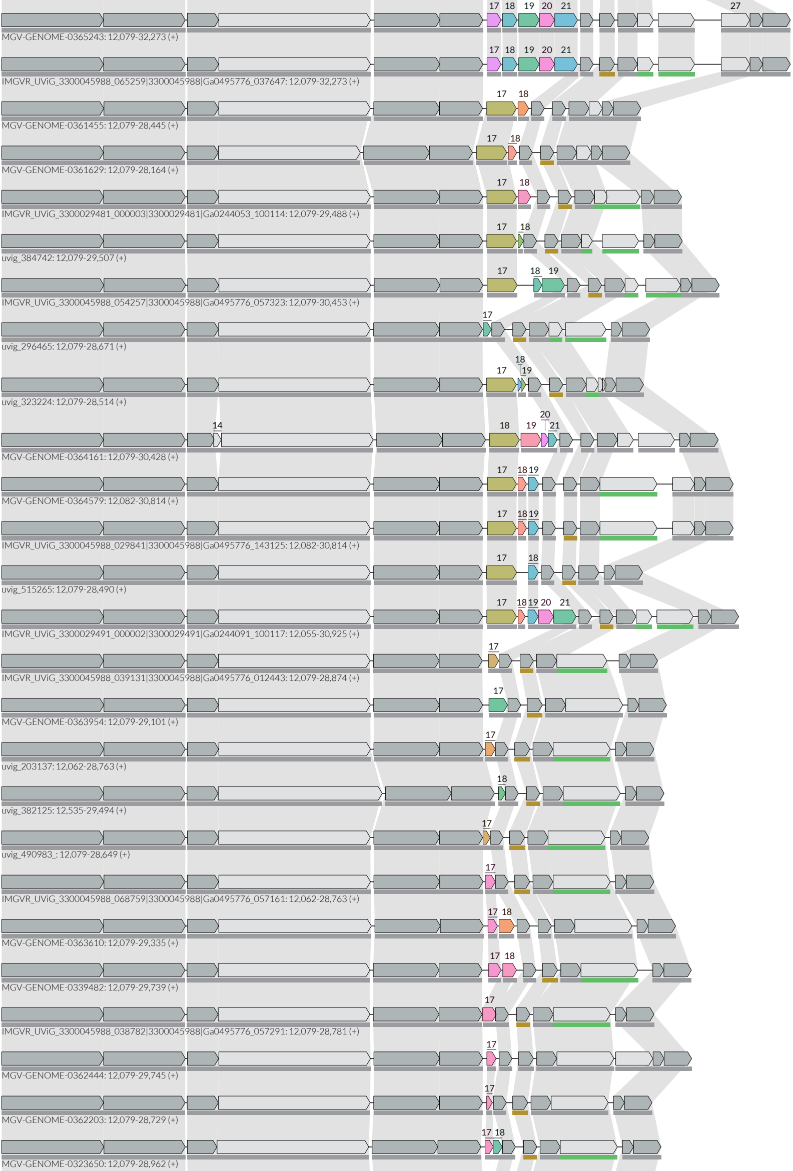
uvig_285412: 12,079-30,161 (+)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MGV-GENOME-0365243: 12,079-32,273 (+)
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IMGVR_UViG_3300045988_065259|3300045988|Ga0495776_037647: 12,079-32,273 (+)
17 18
MGV-GENOME-0361455: 12,079-28,445 (+)
17 18
MGV-GENOME-0361629: 12,079-28,164 (+)
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IMGVR_UViG_3300029481_000003|3300029481|Ga0244053_100114: 12,079-29,488 (+)
17 18
uvig_384742: 12,079-29,507 (+)
17 18 19
IMGVR_UViG_3300045988_054257|3300045988|Ga0495776_057323: 12,079-30,453 (+)
17
uvig_296465: 12,079-28,671 (+)
18
17 19
uvig_323224: 12,079-28,514 (+)
20
14 18 19 21
MGV-GENOME-0364161: 12,079-30,428 (+)
17 18 19
MGV-GENOME-0364579: 12,082-30,814 (+)
17 18 19
IMGVR_UViG_3300045988_029841|3300045988|Ga0495776_143125: 12,082-30,814 (+)
17 18
uvig_515265: 12,079-28,490 (+)
17 18 19 20 21
IMGVR_UViG_3300029491_000002|3300029491|Ga0244091_100117: 12,055-30,925 (+)
17
IMGVR_UViG_3300045988_039131|3300045988|Ga0495776_012443: 12,079-28,874 (+)
17
MGV-GENOME-0363954: 12,079-29,101 (+)
17
uvig_203137: 12,062-28,763 (+)
18
uvig_382125: 12,535-29,494 (+)
17
uvig_490983_: 12,079-28,649 (+)
17
IMGVR_UViG_3300045988_068759|3300045988|Ga0495776_057161: 12,062-28,763 (+)
17 18
MGV-GENOME-0363610: 12,079-29,335 (+)
17 18
MGV-GENOME-0339482: 12,079-29,739 (+)
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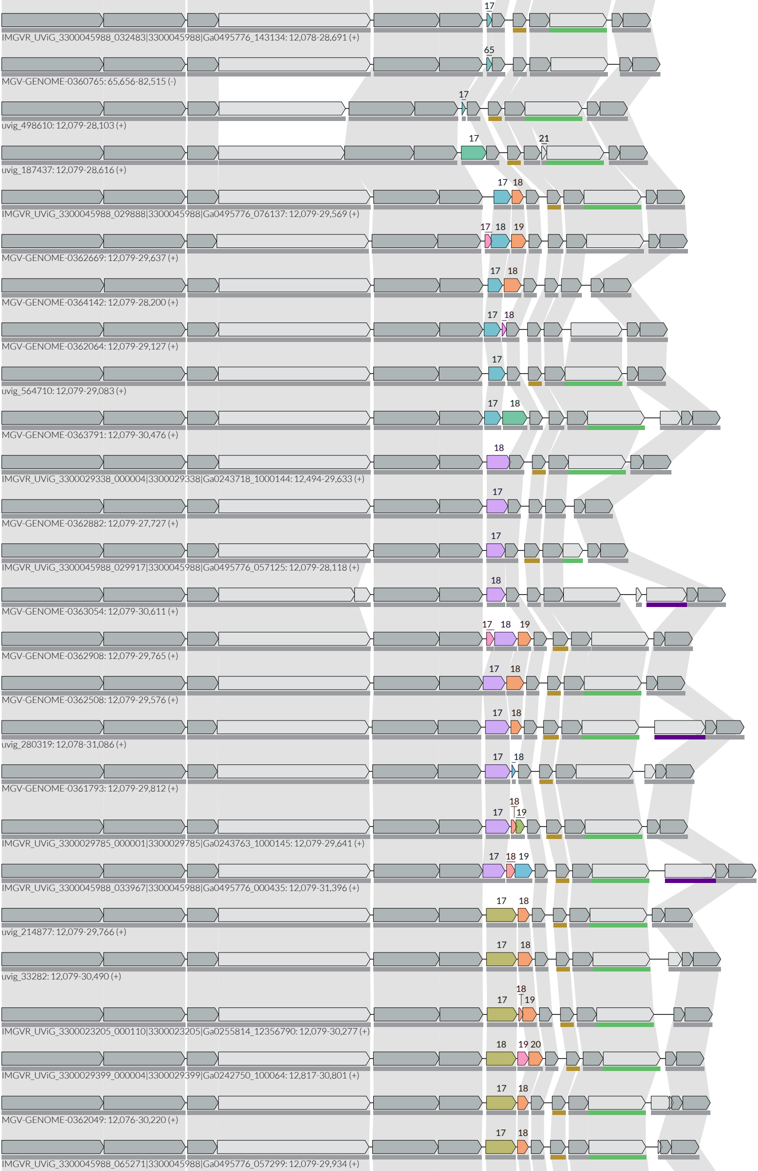
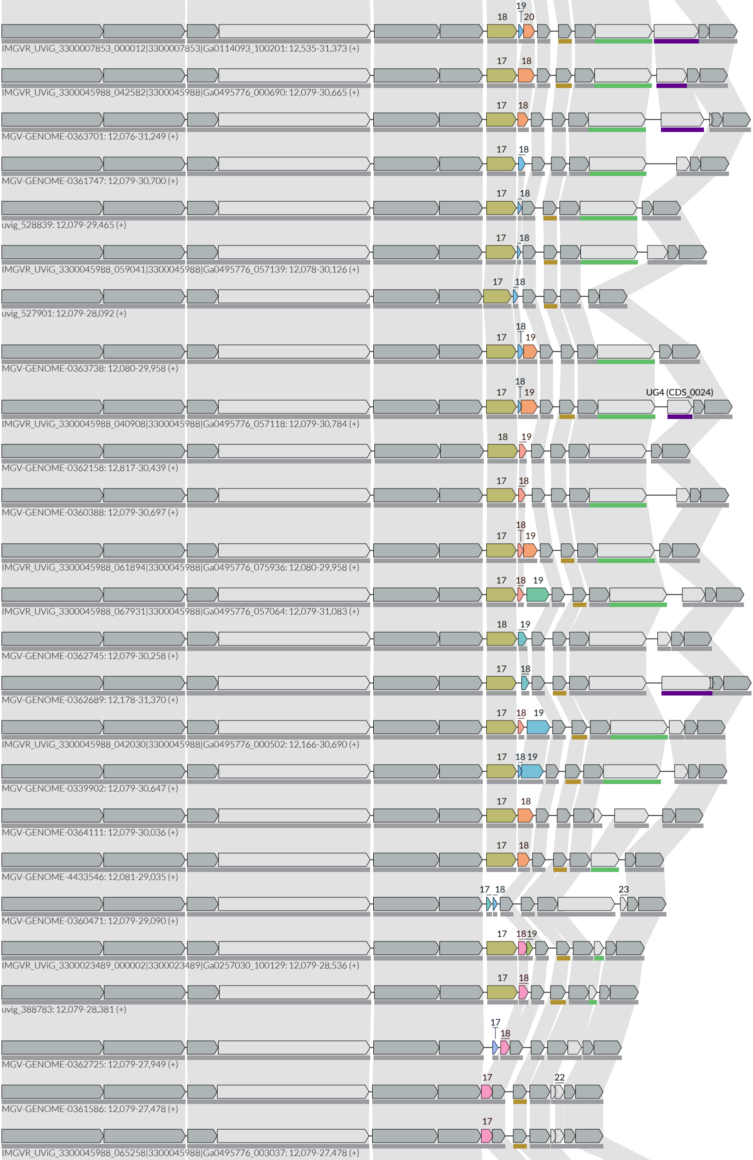
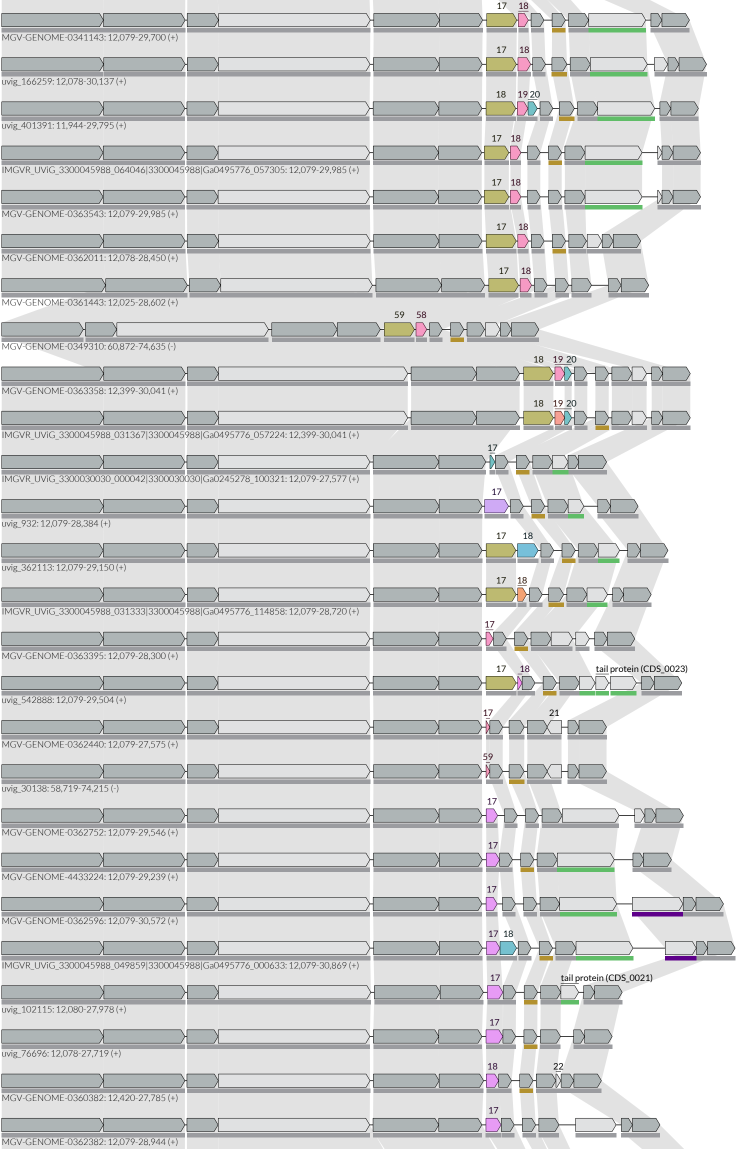
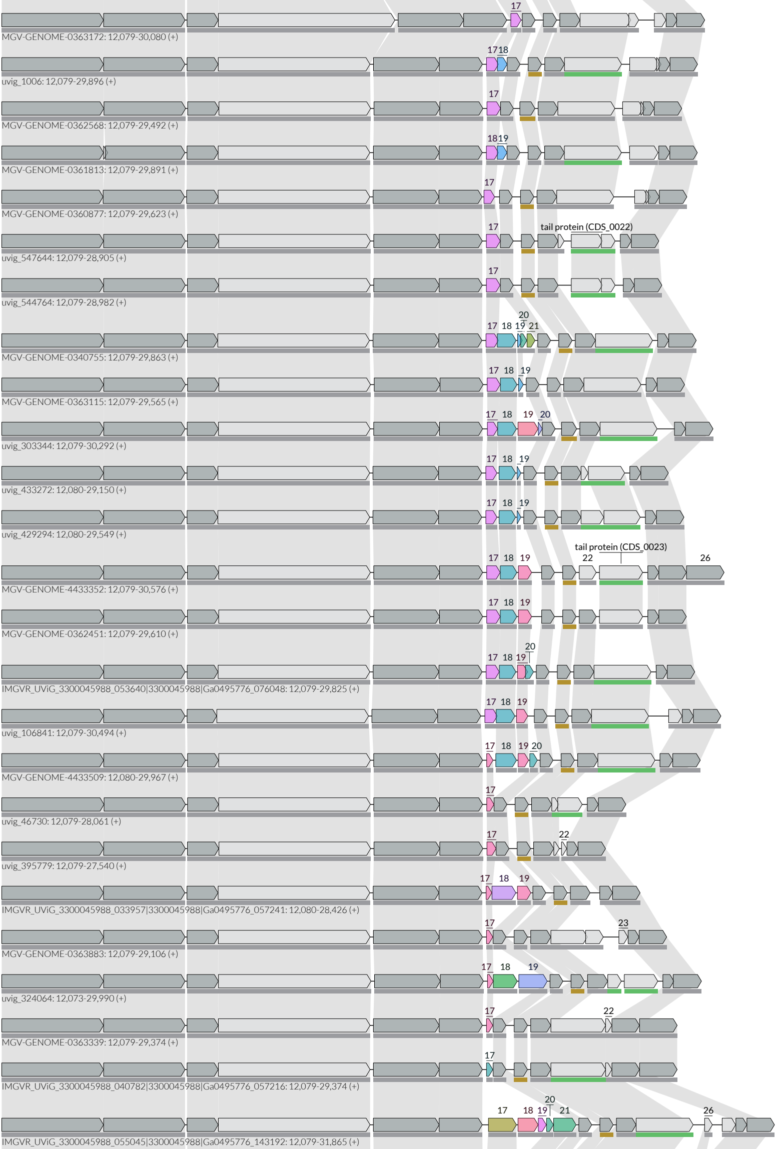
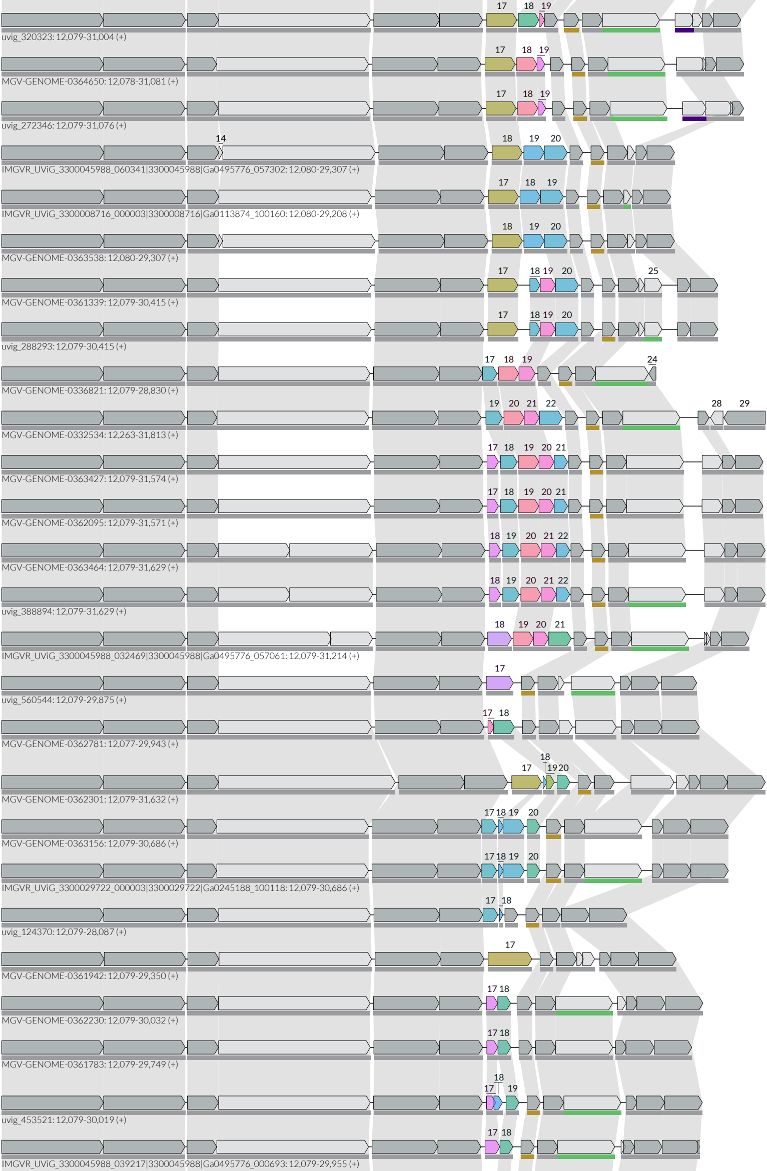
IMGVR_UViG_3300045988_038782|3300045988|Ga0495776_057291: 12,079-28,781 (+)
17
MGV-GENOME-0362444: 12,079-29,745 (+)
17
MGV-GENOME-0362203: 12,079-28,729 (+)
17 18
MGV-GENOME-0323650: 12,079-28,962 (+)


17
IMGVR_UViG_3300045988_032483|3300045988|Ga0495776_143134: 12,078-28,691 (+)
65
MGV-GENOME-0360765: 65,656-82,515 (-)
17
uvig_498610: 12,079-28,103 (+)
17
21
uvig_187437: 12,079-28,616 (+)
17
18
IMGVR_UViG_3300045988_029888|3300045988|Ga0495776_076137: 12,079-29,569 (+)
17
18
19
MGV-GENOME-0362669: 12,079-29,637 (+)
17
18
MGV-GENOME-0364142: 12,079-28,200 (+)
17
18
MGV-GENOME-0362064: 12,079-29,127 (+)
17
uvig_564710: 12,079-29,083 (+)
17
18
MGV-GENOME-0363791: 12,079-30,476 (+)
18
IMGVR_UViG_3300029338_000004|3300029338|Ga0243718_1000144: 12,494-29,633 (+)
17
MGV-GENOME-0362882: 12,079-27,727 (+)
17
IMGVR_UViG_3300045988_029917|3300045988|Ga0495776_057125: 12,079-28,118 (+)
18
MGV-GENOME-0363054: 12,079-30,611 (+)
17
18
19
MGV-GENOME-0362908: 12,079-29,765 (+)
17
18
MGV-GENOME-0362508: 12,079-29,576 (+)
17
18
uvig_280319: 12,078-31,086 (+)
17
18
MGV-GENOME-0361793: 12,079-29,812 (+)
18
17
19
IMGVR_UViG_3300029785_000001|3300029785|Ga0243763_1000145: 12,079-29,641 (+)
17
18
19
IMGVR_UViG_3300045988_033967|3300045988|Ga0495776_000435: 12,079-31,396 (+)
17
18
uvig_214877: 12,079-29,766 (+)
17
18
uvig_33282: 12,079-30,490 (+)
18
17
19
IMGVR_UViG_3300023205_000110|3300023205|Ga0255814_12356790: 12,079-30,277 (+)
18
19
20
IMGVR_UViG_3300029399_000004|3300029399|Ga0242750_100064: 12,817-30,801 (+)
17
18
MGV-GENOME-0362049: 12,076-30,220 (+)
17
18
IMGVR_UViG_3300045988_065271|3300045988|Ga0495776_057299: 12,079-29,934 (+)


19
18
20
IMGVR_UViG_3300007853_000012|3300007853|Ga0114093_100201: 12,535-31,373 (+)
17
18
IMGVR_UViG_3300045988_042582|3300045988|Ga0495776_000690: 12,079-30,665 (+)
17
18
MGV-GENOME-0363701: 12,076-31,249 (+)
17
18
MGV-GENOME-0361747: 12,079-30,700 (+)
17
18
uvig_528839: 12,079-29,465 (+)
17
18
IMGVR_UViG_3300045988_059041|3300045988|Ga0495776_057139: 12,078-30,126 (+)
17
18
uvig_527901: 12,079-28,092 (+)
18
17
19
MGV-GENOME-0363738: 12,080-29,958 (+)
18
17
19
UG4 (CDS_0024)
IMGVR_UViG_3300045988_040908|3300045988|Ga0495776_057118: 12,079-30,784 (+)
18
19
MGV-GENOME-0362158: 12,817-30,439 (+)
17
18
MGV-GENOME-0360388: 12,079-30,697 (+)
18
17
19
IMGVR_UViG_3300045988_061894|3300045988|Ga0495776_075936: 12,080-29,958 (+)
17
18
19
IMGVR_UViG_3300045988_067931|3300045988|Ga0495776_057064: 12,079-31,083 (+)
18
19
MGV-GENOME-0362745: 12,079-30,258 (+)
17
18
MGV-GENOME-0362689: 12,178-31,370 (+)
17
18
19
IMGVR_UViG_3300045988_042030|3300045988|Ga0495776_000502: 12,166-30,690 (+)
17
18
19
MGV-GENOME-0339902: 12,079-30,647 (+)
17
18
MGV-GENOME-0364111: 12,079-30,036 (+)
17
18
MGV-GENOME-4433546: 12,081-29,035 (+)
17
18
23
MGV-GENOME-0360471: 12,079-29,090 (+)
17
18
19
IMGVR_UViG_3300023489_000002|3300023489|Ga0257030_100129: 12,079-28,536 (+)
17
18
uvig_388783: 12,079-28,381 (+)
17
18
MGV-GENOME-0362725: 12,079-27,949 (+)
17
22
MGV-GENOME-0361586: 12,079-27,478 (+)
17
IMGVR_UViG_3300045988_065258|3300045988|Ga0495776_003037: 12,079-27,478 (+)


17
18
MGV-GENOME-0341143: 12,079-29,700 (+)
17
18
uvig_166259: 12,078-30,137 (+)
18
19
20
uvig_401391: 11,944-29,795 (+)
17
18
IMGVR_UViG_3300045988_064046|3300045988|Ga0495776_057305: 12,079-29,985 (+)
17
18
MGV-GENOME-0363543: 12,079-29,985 (+)
17
18
MGV-GENOME-0362011: 12,078-28,450 (+)
17
18
MGV-GENOME-0361443: 12,025-28,602 (+)
59
58
MGV-GENOME-0349310: 60,872-74,635 (-)
18
19
20
MGV-GENOME-0363358: 12,399-30,041 (+)
18
19
20
IMGVR_UViG_3300045988_031367|3300045988|Ga0495776_057224: 12,399-30,041 (+)
17
IMGVR_UViG_3300030030_000042|3300030030|Ga0245278_100321: 12,079-27,577 (+)
17
uvig_932: 12,079-28,384 (+)
17
18
uvig_362113: 12,079-29,150 (+)
17
18
IMGVR_UViG_3300045988_031333|3300045988|Ga0495776_114858: 12,079-28,720 (+)
17
MGV-GENOME-0363395: 12,079-28,300 (+)
17
18
tail protein (CDS_0023)
uvig_542888: 12,079-29,504 (+)
17
21
MGV-GENOME-0362440: 12,079-27,575 (+)
59
uvig_30138: 58,719-74,215 (-)
17
MGV-GENOME-0362752: 12,079-29,546 (+)
17
MGV-GENOME-4433224: 12,079-29,239 (+)
17
MGV-GENOME-0362596: 12,079-30,572 (+)
17
18
IMGVR_UViG_3300045988_049859|3300045988|Ga0495776_000633: 12,079-30,869 (+)
17
tail protein (CDS_0021)
uvig_102115: 12,080-27,978 (+)
17
uvig_76696: 12,078-27,719 (+)
18
22
MGV-GENOME-0360382: 12,420-27,785 (+)
17
MGV-GENOME-0362382: 12,079-28,944 (+)


17
MGV-GENOME-0363172: 12,079-30,080 (+)
17
18
uvig_1006: 12,079-29,896 (+)
17
MGV-GENOME-0362568: 12,079-29,492 (+)
18
19
MGV-GENOME-0361813: 12,079-29,891 (+)
17
MGV-GENOME-0360877: 12,079-29,623 (+)
17
tail protein (CDS_0022)
uvig_547644: 12,079-28,905 (+)
17
uvig_544764: 12,079-28,982 (+)
20
17
18
19
21
MGV-GENOME-0340755: 12,079-29,863 (+)
17
18
19
MGV-GENOME-0363115: 12,079-29,565 (+)
17
18
19
20
uvig_303344: 12,079-30,292 (+)
17
18
19
uvig_433272: 12,080-29,150 (+)
17
18
19
uvig_429294: 12,080-29,549 (+)
tail protein (CDS_0023)
17
18
19
22
26
MGV-GENOME-4433352: 12,079-30,576 (+)
17
18
19
MGV-GENOME-0362451: 12,079-29,610 (+)
20
17
18
19
IMGVR_UViG_3300045988_053640|3300045988|Ga0495776_076048: 12,079-29,825 (+)
17
18
19
uvig_106841: 12,079-30,494 (+)
17
18
19
20
MGV-GENOME-4433509: 12,080-29,967 (+)
17
uvig_46730: 12,079-28,061 (+)
17
22
uvig_395779: 12,079-27,540 (+)
17
18
19
IMGVR_UViG_3300045988_033957|3300045988|Ga0495776_057241: 12,080-28,426 (+)
17
23
MGV-GENOME-0363883: 12,079-29,106 (+)
17
18
19
uvig_324064: 12,073-29,990 (+)
17
22
MGV-GENOME-0363339: 12,079-29,374 (+)
17
IMGVR_UViG_3300045988_040782|3300045988|Ga0495776_057216: 12,079-29,374 (+)
20
17
18
19
21
26
IMGVR_UViG_3300045988_055045|3300045988|Ga0495776_143192: 12,079-31,865 (+)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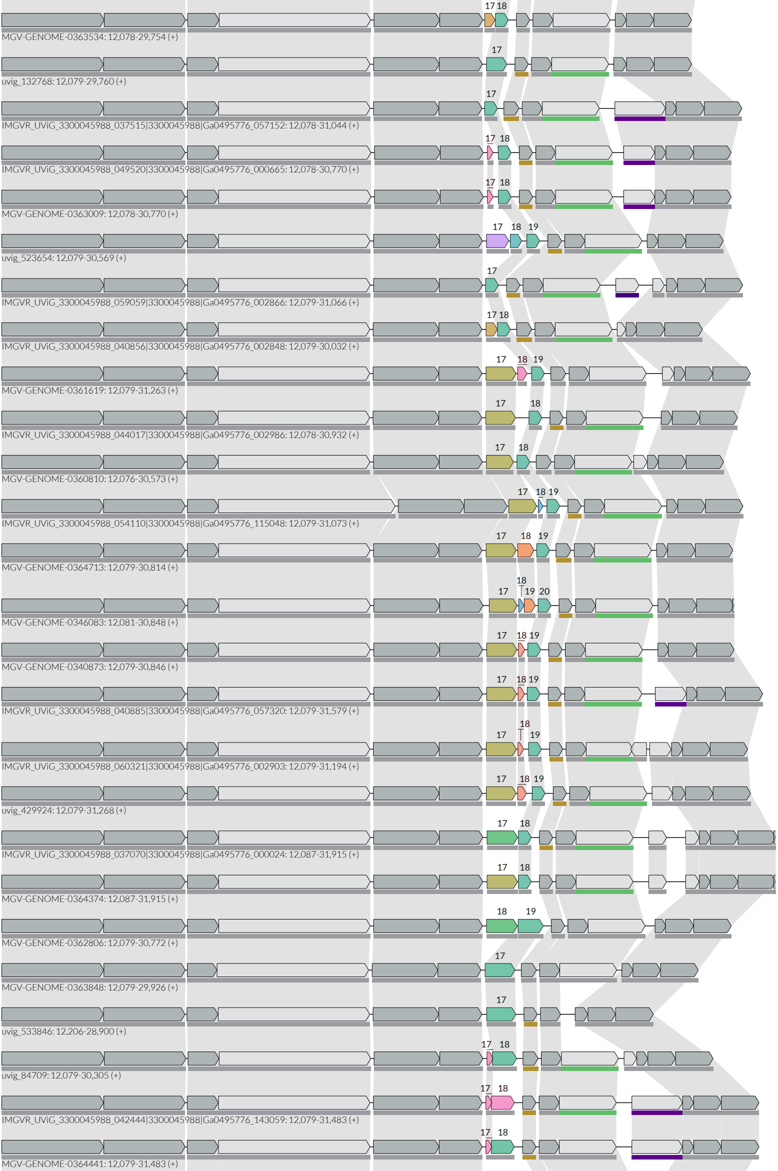
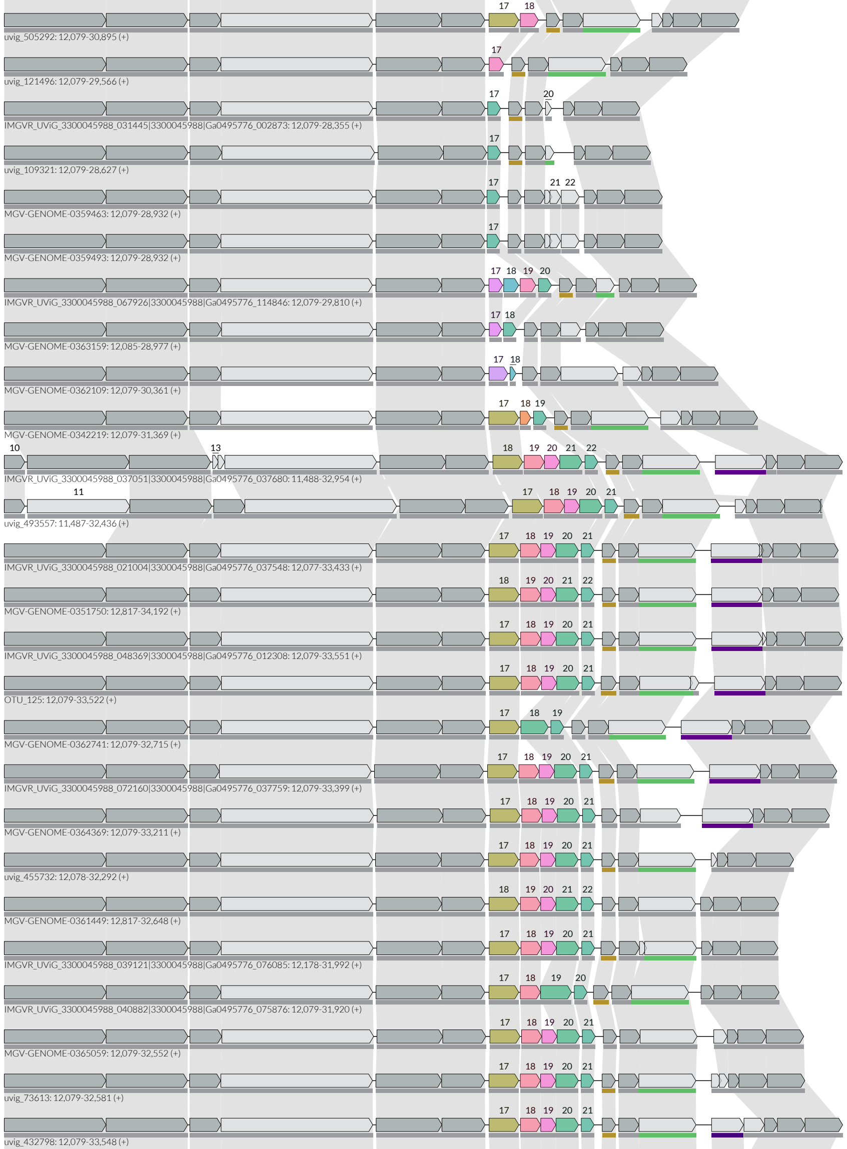
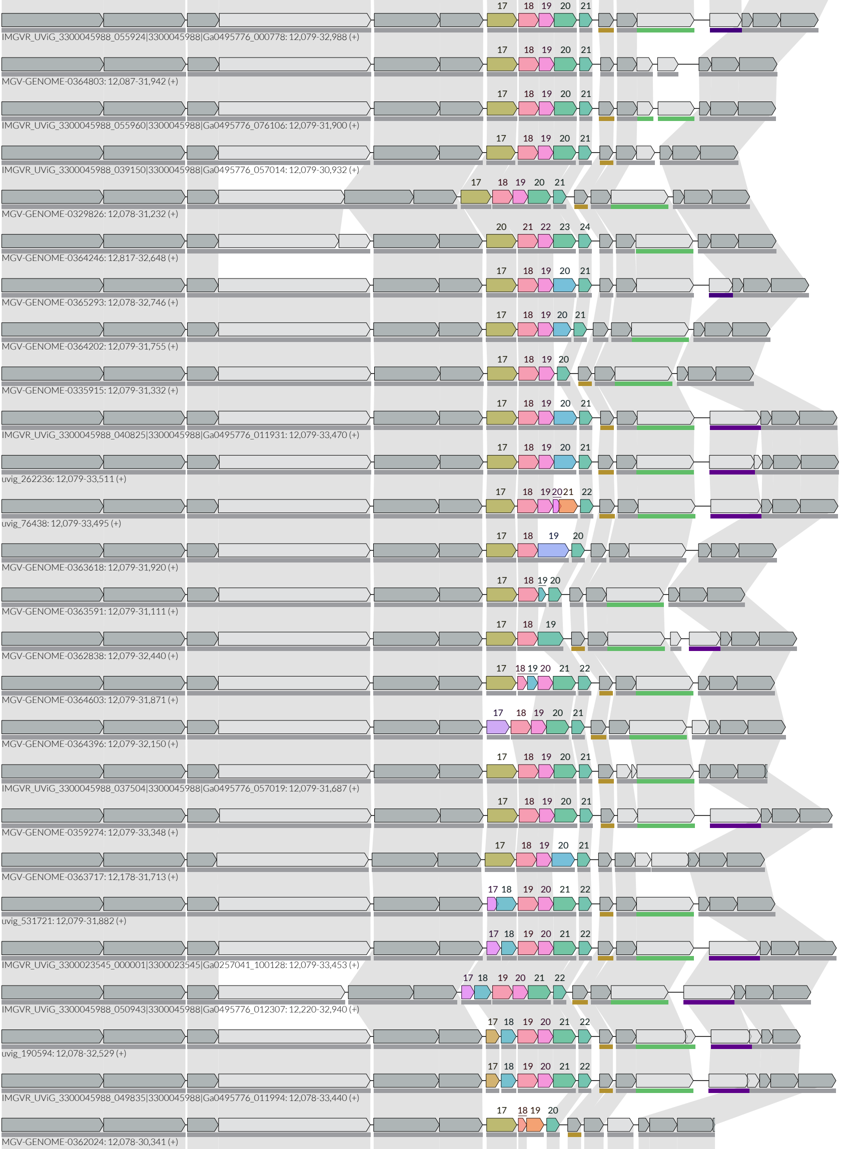
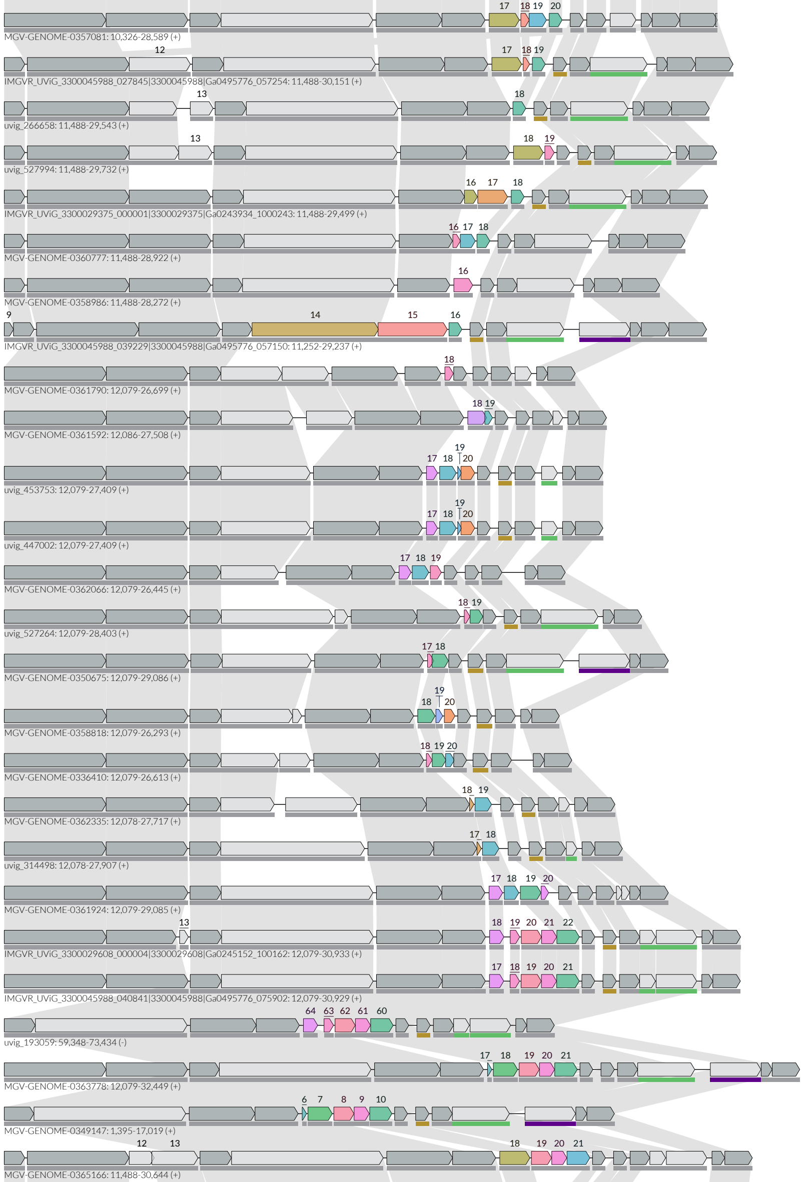
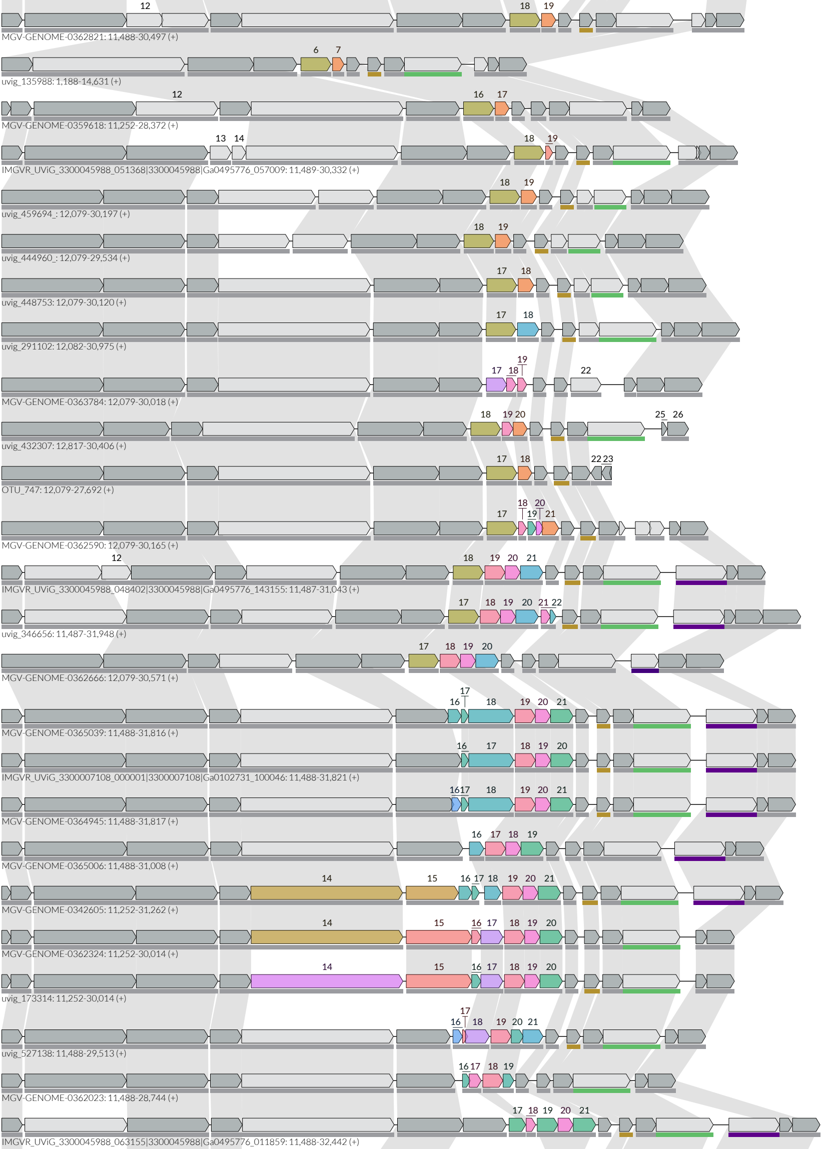
uvig_320323: 12,079-31,004 (+)
17 18 19
MGV-GENOME-0364650: 12,078-31,081 (+)
17 18 19
uvig_272346: 12,079-31,076 (+)
14 18 19 20
IMGVR_UViG_3300045988_060341|3300045988|Ga0495776_057302: 12,080-29,307 (+)
17 18 19
IMGVR_UViG_3300008716_000003|3300008716|Ga0113874_100160: 12,080-29,208 (+)
18 19 20
MGV-GENOME-0363538: 12,080-29,307 (+)
17 18 19 20 25
MGV-GENOME-0361339: 12,079-30,415 (+)
17 18 19 20
uvig_288293: 12,079-30,415 (+)
17 18 19 24
MGV-GENOME-0336821: 12,079-28,830 (+)
19 20 21 22 28 29
MGV-GENOME-0332534: 12,263-31,813 (+)
17 18 19 20 21
MGV-GENOME-0363427: 12,079-31,574 (+)
17 18 19 20 21
MGV-GENOME-0362095: 12,079-31,571 (+)
18 19 20 21 22
MGV-GENOME-0363464: 12,079-31,629 (+)
18 19 20 21 22
uvig_388894: 12,079-31,629 (+)
18 19 20 21
IMGVR_UViG_3300045988_032469|3300045988|Ga0495776_057061: 12,079-31,214 (+)
17
uvig_560544: 12,079-29,875 (+)
17 18
MGV-GENOME-0362781: 12,077-29,943 (+)
18
17 19 20
MGV-GENOME-0362301: 12,079-31,632 (+)
17 18 19 20
MGV-GENOME-0363156: 12,079-30,686 (+)
17 18 19 20
IMGVR_UViG_3300029722_000003|3300029722|Ga0245188_100118: 12,079-30,686 (+)
17 18
uvig_124370: 12,079-28,087 (+)
17
MGV-GENOME-0361942: 12,079-29,350 (+)
17 18
MGV-GENOME-0362230: 12,079-30,032 (+)
17 18
MGV-GENOME-0361783: 12,079-29,749 (+)
18
17 19
uvig_453521: 12,079-30,019 (+)
17 18
IMGVR_UViG_3300045988_039217|3300045988|Ga0495776_000693: 12,079-29,955 (+)

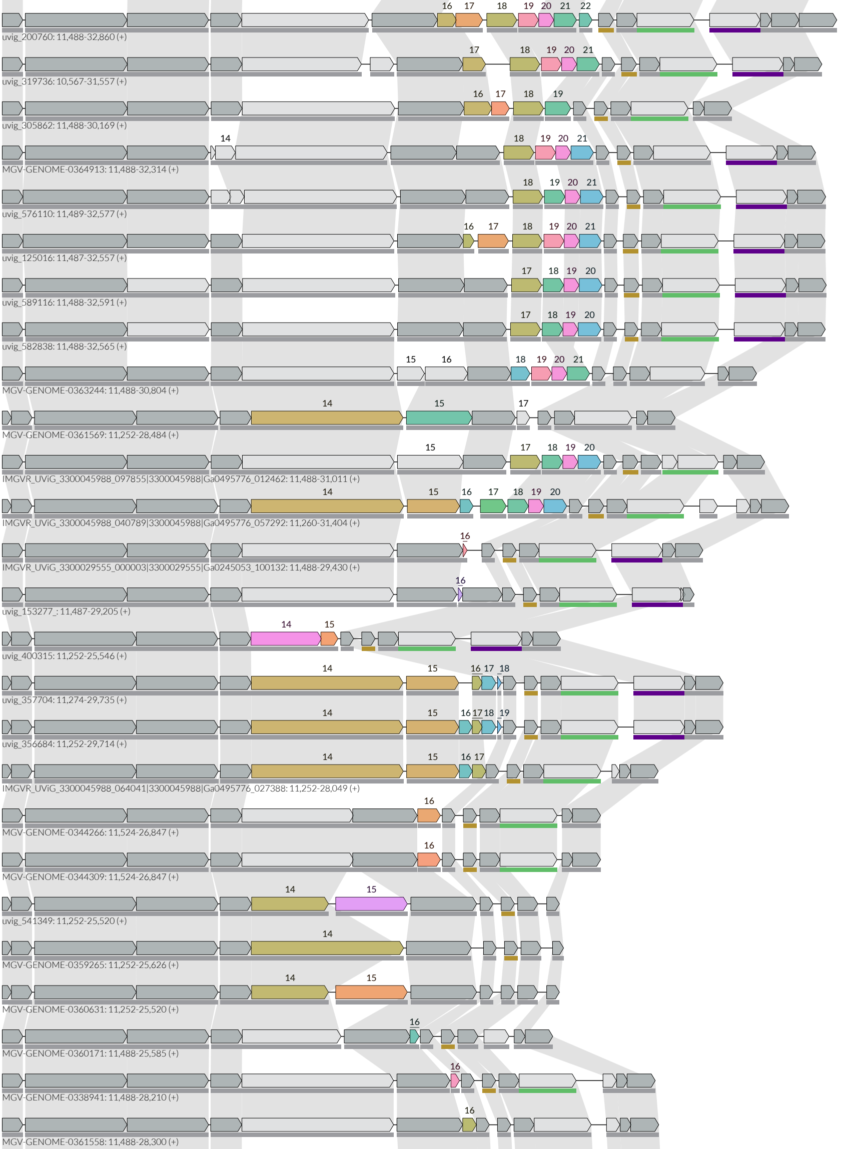

17 18
MGV-GENOME-0363534: 12,078-29,754 (+)
17
uvig_132768: 12,079-29,760 (+)
17
IMGVR_UViG_3300045988_037515|3300045988|Ga0495776_057152: 12,078-31,044 (+)
17 18
IMGVR_UViG_3300045988_049520|3300045988|Ga0495776_000665: 12,078-30,770 (+)
17 18
MGV-GENOME-0363009: 12,078-30,770 (+)
17 18 19
uvig_523654: 12,079-30,569 (+)
17
IMGVR_UViG_3300045988_059059|3300045988|Ga0495776_002866: 12,079-31,066 (+)
17 18
IMGVR_UViG_3300045988_040856|3300045988|Ga0495776_002848: 12,079-30,032 (+)
17 18 19
MGV-GENOME-0361619: 12,079-31,263 (+)
17 18
IMGVR_UViG_3300045988_044017|3300045988|Ga0495776_002986: 12,078-30,932 (+)
17 18
MGV-GENOME-0360810: 12,076-30,573 (+)
17 18 19
IMGVR_UViG_3300045988_054110|3300045988|Ga0495776_115048: 12,079-31,073 (+)
17 18 19
MGV-GENOME-0364713: 12,079-30,814 (+)
17 18 19 20
MGV-GENOME-0346083: 12,081-30,848 (+)
17 18 19
MGV-GENOME-0340873: 12,079-30,846 (+)
17 18 19
IMGVR_UViG_3300045988_040885|3300045988|Ga0495776_057320: 12,079-31,579 (+)
17 18 19
IMGVR_UViG_3300045988_060321|3300045988|Ga0495776_002903: 12,079-31,194 (+)
17 18 19
uvig_429924: 12,079-31,268 (+)
17 18
IMGVR_UViG_3300045988_037070|3300045988|Ga0495776_000024: 12,087-31,915 (+)
17 18
MGV-GENOME-0364374: 12,087-31,915 (+)
18 19
MGV-GENOME-0362806: 12,079-30,772 (+)
17
MGV-GENOME-0363848: 12,079-29,926 (+)
17
uvig_533846: 12,206-28,900 (+)
17 18
uvig_84709: 12,079-30,305 (+)
17 18
IMGVR_UViG_3300045988_042444|3300045988|Ga0495776_143059: 12,079-31,483 (+)
17 18
MGV-GENOME-0364441: 12,079-31,483 (+)

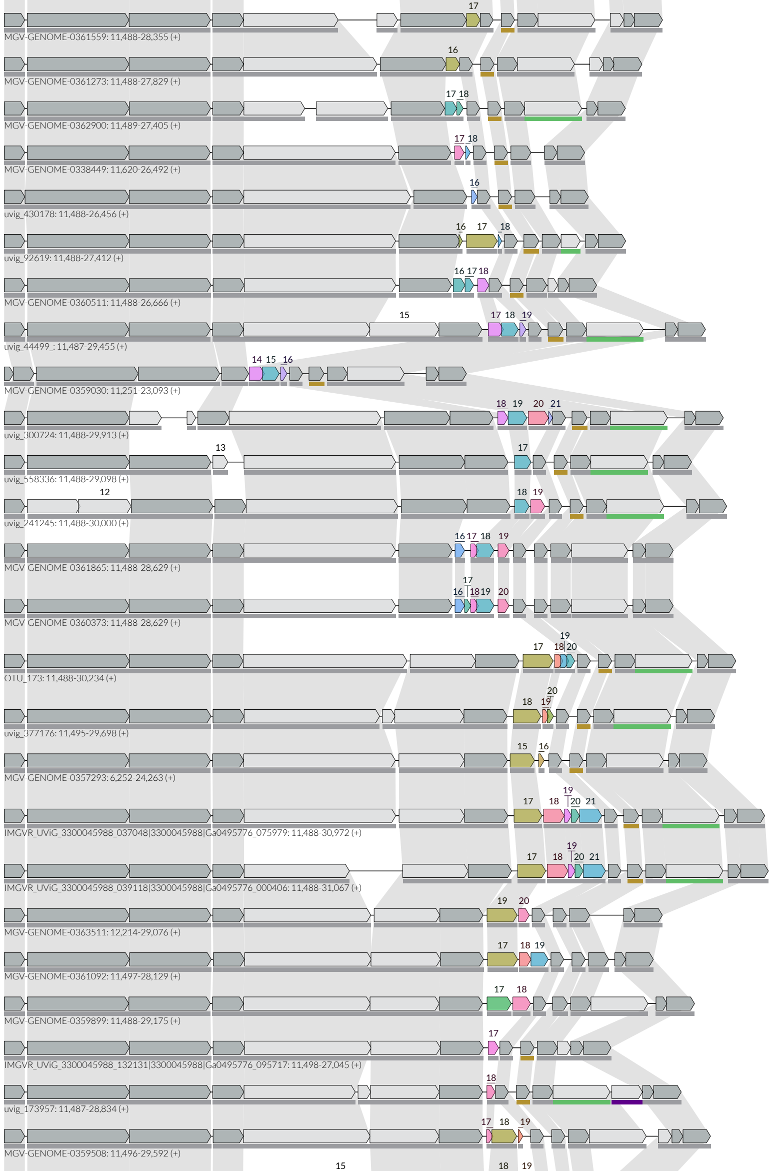

17 18
uvig_505292: 12,079-30,895 (+)
17
uvig_121496: 12,079-29,566 (+)
17 20
IMGVR_UViG_3300045988_031445|3300045988|Ga0495776_002873: 12,079-28,355 (+)
17
uvig_109321: 12,079-28,627 (+)
17 21 22
MGV-GENOME-0359463: 12,079-28,932 (+)
17
MGV-GENOME-0359493: 12,079-28,932 (+)
17 18 19 20
IMGVR_UViG_3300045988_067926|3300045988|Ga0495776_114846: 12,079-29,810 (+)
17 18
MGV-GENOME-0363159: 12,085-28,977 (+)
17 18
MGV-GENOME-0362109: 12,079-30,361 (+)
17 18 19
MGV-GENOME-0342219: 12,079-31,369 (+)
10 13 18 19 20 21 22
IMGVR_UViG_3300045988_037051|3300045988|Ga0495776_037680: 11,488-32,954 (+)
11 17 18 19 20 21
uvig_493557: 11,487-32,436 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_021004|3300045988|Ga0495776_037548: 12,077-33,433 (+)
18 19 20 21 22
MGV-GENOME-0351750: 12,817-34,192 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_048369|3300045988|Ga0495776_012308: 12,079-33,551 (+)
17 18 19 20 21
OTU_125: 12,079-33,522 (+)
17 18 19
MGV-GENOME-0362741: 12,079-32,715 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_072160|3300045988|Ga0495776_037759: 12,079-33,399 (+)
17 18 19 20 21
MGV-GENOME-0364369: 12,079-33,211 (+)
17 18 19 20 21
uvig_455732: 12,078-32,292 (+)
18 19 20 21 22
MGV-GENOME-0361449: 12,817-32,648 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_039121|3300045988|Ga0495776_076085: 12,178-31,992 (+)
17 18 19 20
IMGVR_UViG_3300045988_040882|3300045988|Ga0495776_075876: 12,079-31,920 (+)
17 18 19 20 21
MGV-GENOME-0365059: 12,079-32,552 (+)
17 18 19 20 21
uvig_73613: 12,079-32,581 (+)
17 18 19 20 21
uvig_432798: 12,079-33,548 (+)

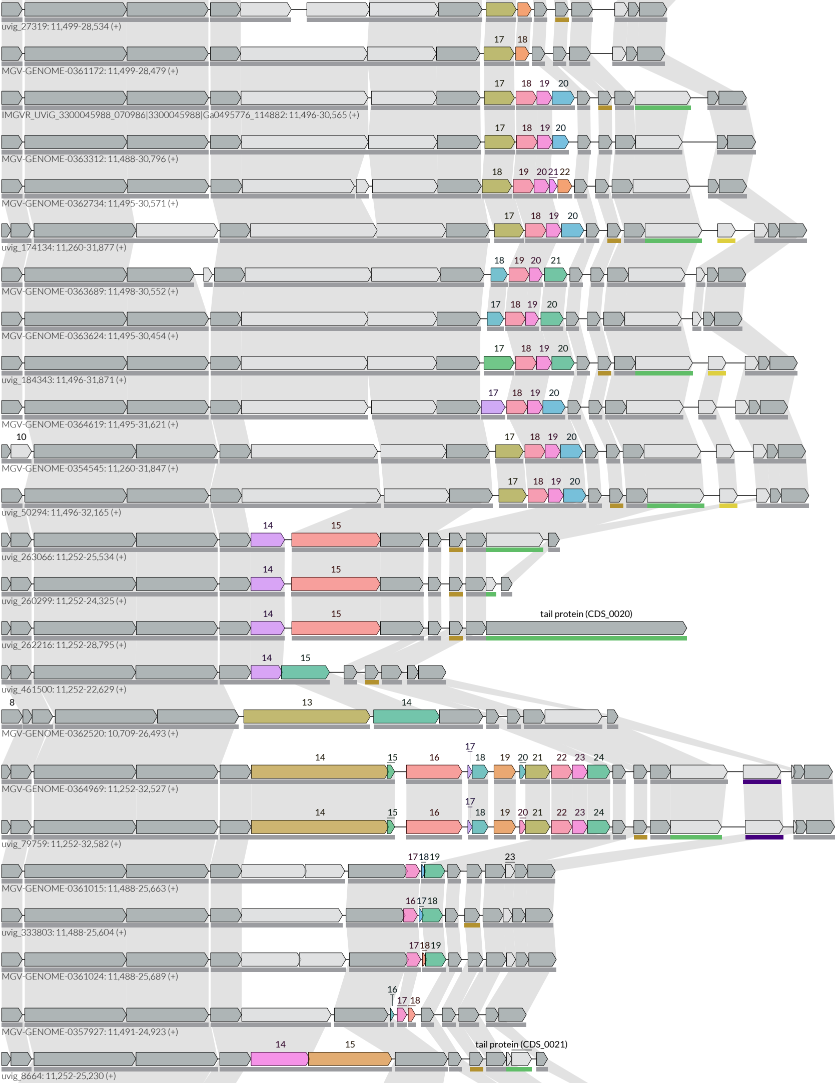

17 18 19 20 21
IMGVR_UViG_3300045988_055924|3300045988|Ga0495776_000778: 12,079-32,988 (+)
17 18 19 20 21
MGV-GENOME-0364803: 12,087-31,942 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_055960|3300045988|Ga0495776_076106: 12,079-31,900 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_039150|3300045988|Ga0495776_057014: 12,079-30,932 (+)
17 18 19 20 21
MGV-GENOME-0329826: 12,078-31,232 (+)
20 21 22 23 24
MGV-GENOME-0364246: 12,817-32,648 (+)
17 18 19 20 21
MGV-GENOME-0365293: 12,078-32,746 (+)
17 18 19 20 21
MGV-GENOME-0364202: 12,079-31,755 (+)
17 18 19 20
MGV-GENOME-0335915: 12,079-31,332 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_040825|3300045988|Ga0495776_011931: 12,079-33,470 (+)
17 18 19 20 21
uvig_262236: 12,079-33,511 (+)
17 18 19 20 21 22
uvig_76438: 12,079-33,495 (+)
17 18 19 20
MGV-GENOME-0363618: 12,079-31,920 (+)
17 18 19 20
MGV-GENOME-0363591: 12,079-31,111 (+)
17 18 19
MGV-GENOME-0362838: 12,079-32,440 (+)
17 18 19 20 21 22
MGV-GENOME-0364603: 12,079-31,871 (+)
17 18 19 20 21
MGV-GENOME-0364396: 12,079-32,150 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_037504|3300045988|Ga0495776_057019: 12,079-31,687 (+)
17 18 19 20 21
MGV-GENOME-0359274: 12,079-33,348 (+)
17 18 19 20 21
MGV-GENOME-0363717: 12,178-31,713 (+)
17 18 19 20 21 22
uvig_531721: 12,079-31,882 (+)
17 18 19 20 21 22
IMGVR_UViG_3300023545_000001|3300023545|Ga0257041_100128: 12,079-33,453 (+)
17 18 19 20 21 22
IMGVR_UViG_3300045988_050943|3300045988|Ga0495776_012307: 12,220-32,940 (+)
17 18 19 20 21 22
uvig_190594: 12,078-32,529 (+)
17 18 19 20 21 22
IMGVR_UViG_3300045988_049835|3300045988|Ga0495776_011994: 12,078-33,440 (+)
17 18 19 20
MGV-GENOME-0362024: 12,078-30,341 (+)

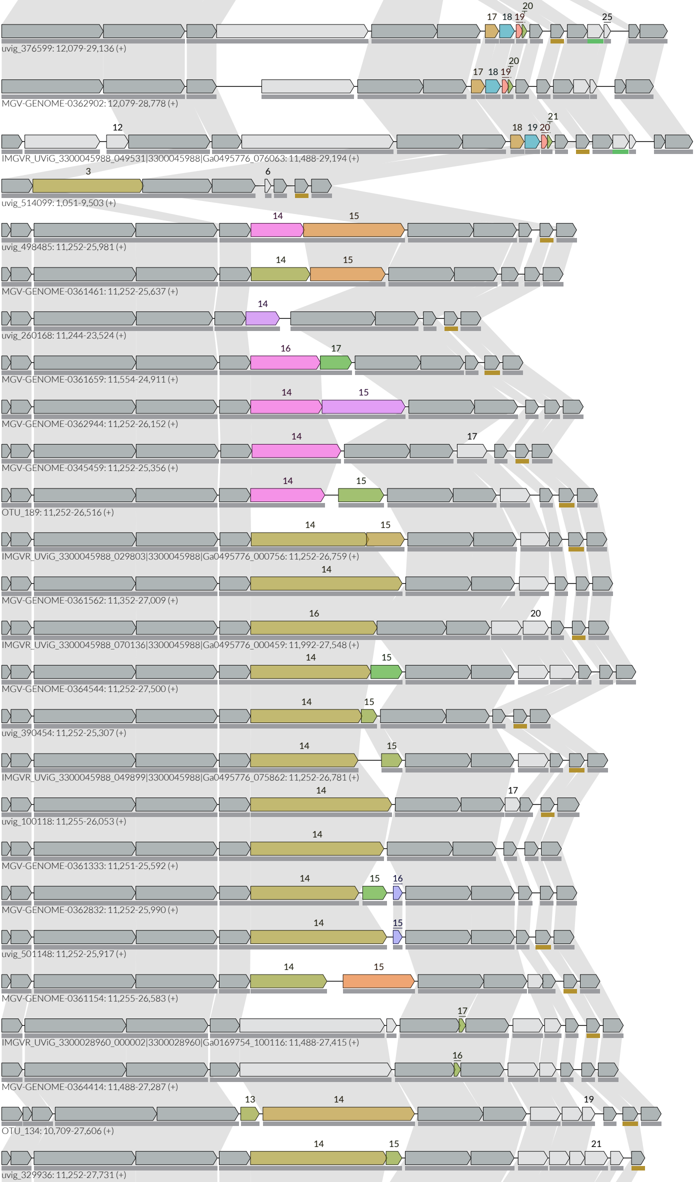

17 18 19 20
MGV-GENOME-0357081: 10,326-28,589 (+)
12
17 18 19
IMGVR_UViG_3300045988_027845|3300045988|Ga0495776_057254: 11,488-30,151 (+)
13
18
uvig_266658: 11,488-29,543 (+)
13
18 19
uvig_527994: 11,488-29,732 (+)
16 17 18
IMGVR_UViG_3300029375_000001|3300029375|Ga0243934_1000243: 11,488-29,499 (+)
16 17 18
MGV-GENOME-0360777: 11,488-28,922 (+)
16
MGV-GENOME-0358986: 11,488-28,272 (+)
9
14
15
16
IMGVR_UViG_3300045988_039229|3300045988|Ga0495776_057150: 11,252-29,237 (+)
18
MGV-GENOME-0361790: 12,079-26,699 (+)
18 19
MGV-GENOME-0361592: 12,086-27,508 (+)
19
17 18 20
uvig_453753: 12,079-27,409 (+)
19
17 18 20
uvig_447002: 12,079-27,409 (+)
17 18 19
MGV-GENOME-0362066: 12,079-26,445 (+)
18 19
uvig_527264: 12,079-28,403 (+)
17 18
MGV-GENOME-0350675: 12,079-29,086 (+)
19
18 20
MGV-GENOME-0358818: 12,079-26,293 (+)
18 19 20
MGV-GENOME-0336410: 12,079-26,613 (+)
18 19
MGV-GENOME-0362335: 12,078-27,717 (+)
17 18
uvig_314498: 12,078-27,907 (+)
17 18 19 20
MGV-GENOME-0361924: 12,079-29,085 (+)
13
18 19 20 21 22
IMGVR_UViG_3300029608_000004|3300029608|Ga0245152_100162: 12,079-30,933 (+)
17 18 19 20 21
IMGVR_UViG_3300045988_040841|3300045988|Ga0495776_075902: 12,079-30,929 (+)
64 63 62 61 60
uvig_193059: 59,348-73,434 (-)
17 18 19 20 21
MGV-GENOME-0363778: 12,079-32,449 (+)
6 7 8 9 10
MGV-GENOME-0349147: 1,395-17,019 (+)
12 13
18 19 20 21
MGV-GENOME-0365166: 11,488-30,644 (+)

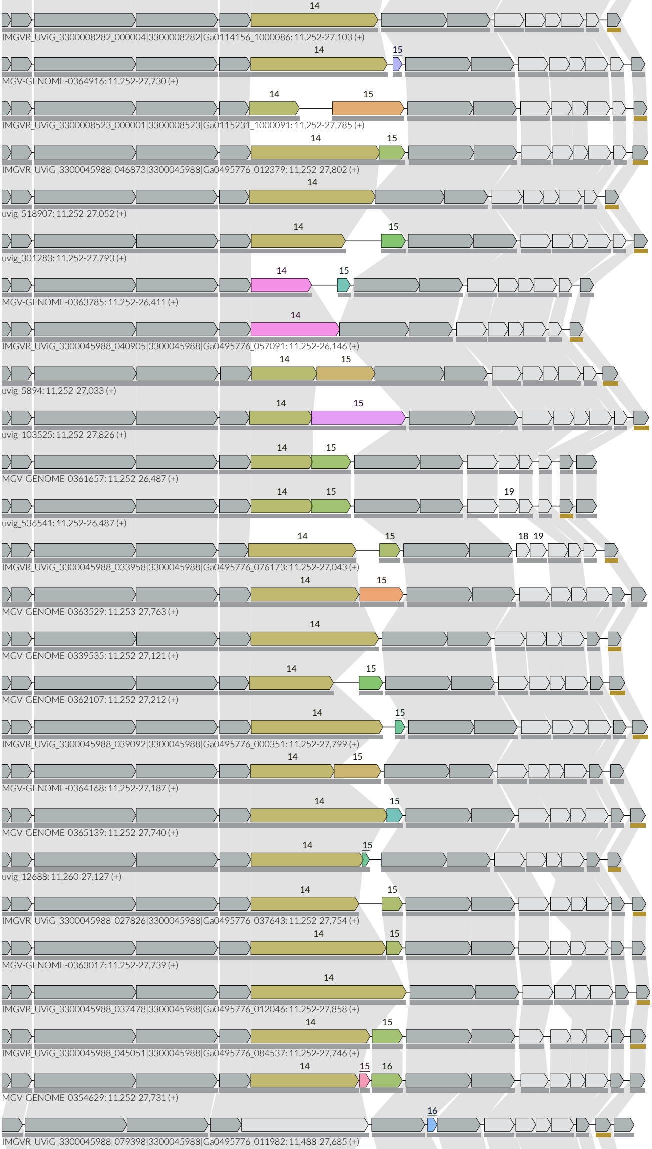

12
18
19
MGV-GENOME-0362821: 11,488-30,497 (+)
6
7
uvig_135988: 1,188-14,631 (+)
12
16
17
MGV-GENOME-0359618: 11,252-28,372 (+)
13
14
18
19
IMGVR_UViG_3300045988_051368|3300045988|Ga0495776_057009: 11,489-30,332 (+)
18
19
uvig_459694_: 12,079-30,197 (+)
18
19
uvig_444960_: 12,079-29,534 (+)
17
18
uvig_448753: 12,079-30,120 (+)
17
18
uvig_291102: 12,082-30,975 (+)
19
17
18
22
MGV-GENOME-0363784: 12,079-30,018 (+)
18
19
20
25
26
uvig_432307: 12,817-30,406 (+)
17
18
22
23
OTU_747: 12,079-27,692 (+)
18
20
17
19
21
MGV-GENOME-0362590: 12,079-30,165 (+)
12
18
19
20
21
IMGVR_UViG_3300045988_048402|3300045988|Ga0495776_143155: 11,487-31,043 (+)
17
18
19
20
21
22
uvig_346656: 11,487-31,948 (+)
17
18
19
20
MGV-GENOME-0362666: 12,079-30,571 (+)
17
16
18
19
20
21
MGV-GENOME-0365039: 11,488-31,816 (+)
16
17
18
19
20
IMGVR_UViG_3300007108_000001|3300007108|Ga0102731_100046: 11,488-31,821 (+)
16
17
18
19
20
21
MGV-GENOME-0364945: 11,488-31,817 (+)
16
17
18
19
MGV-GENOME-0365006: 11,488-31,008 (+)
14
15
16
17
18
19
20
21
MGV-GENOME-0342605: 11,252-31,262 (+)
14
15
16
17
18
19
20
MGV-GENOME-0362324: 11,252-30,014 (+)
14
15
16
17
18
19
20
uvig_173314: 11,252-30,014 (+)
17
16
18
19
20
21
uvig_527138: 11,488-29,513 (+)
16
17
18
19
MGV-GENOME-0362023: 11,488-28,744 (+)
17
18
19
20
21
IMGVR_UViG_3300045988_063155|3300045988|Ga0495776_011859: 11,488-32,442 (+)


16 17 18 19 20 21 22
uvig_200760: 11,488-32,860 (+)
17 18 19 20 21
uvig_319736: 10,567-31,557 (+)
16 17 18 19
uvig_305862: 11,488-30,169 (+)
14 18 19 20 21
MGV-GENOME-0364913: 11,488-32,314 (+)
18 19 20 21
uvig_576110: 11,489-32,577 (+)
16 17 18 19 20 21
uvig_125016: 11,487-32,557 (+)
17 18 19 20
uvig_589116: 11,488-32,591 (+)
17 18 19 20
uvig_582838: 11,488-32,565 (+)
15 16 18 19 20 21
MGV-GENOME-0363244: 11,488-30,804 (+)
14 15 17
MGV-GENOME-0361569: 11,252-28,484 (+)
15 17 18 19 20
IMGVR_UViG_3300045988_097855|3300045988|Ga0495776_012462: 11,488-31,011 (+)
14 15 16 17 18 19 20
IMGVR_UViG_3300045988_040789|3300045988|Ga0495776_057292: 11,260-31,404 (+)
16
IMGVR_UViG_3300029555_000003|3300029555|Ga0245053_100132: 11,488-29,430 (+)
16
uvig_153277_: 11,487-29,205 (+)
14 15
uvig_400315: 11,252-25,546 (+)
14 15 16 17 18
uvig_357704: 11,274-29,735 (+)
14 15 16 17 18 19
uvig_356684: 11,252-29,714 (+)
14 15 16 17
IMGVR_UViG_3300045988_064041|3300045988|Ga0495776_027388: 11,252-28,049 (+)
16
MGV-GENOME-0344266: 11,524-26,847 (+)
16
MGV-GENOME-0344309: 11,524-26,847 (+)
14 15
uvig_541349: 11,252-25,520 (+)
14
MGV-GENOME-0359265: 11,252-25,626 (+)
14 15
MGV-GENOME-0360631: 11,252-25,520 (+)
16
MGV-GENOME-0360171: 11,488-25,585 (+)
16
MGV-GENOME-0338941: 11,488-28,210 (+)
16
MGV-GENOME-0361558: 11,488-28,300 (+)


17
MGV-GENOME-0361559: 11,488-28,355 (+)
16
MGV-GENOME-0361273: 11,488-27,829 (+)
17 18
MGV-GENOME-0362900: 11,489-27,405 (+)
17 18
MGV-GENOME-0338449: 11,620-26,492 (+)
16
uvig_430178: 11,488-26,456 (+)
16 17 18
uvig_92619: 11,488-27,412 (+)
16 17 18
MGV-GENOME-0360511: 11,488-26,666 (+)
15 17 18 19
uvig_44499_: 11,487-29,455 (+)
14 15 16
MGV-GENOME-0359030: 11,251-23,093 (+)
18 19 20 21
uvig_300724: 11,488-29,913 (+)
13 17
uvig_558336: 11,488-29,098 (+)
12 18 19
uvig_241245: 11,488-30,000 (+)
16 17 18 19
MGV-GENOME-0361865: 11,488-28,629 (+)
17
16 18 19 20
MGV-GENOME-0360373: 11,488-28,629 (+)
19
17 18 20
OTU_173: 11,488-30,234 (+)
20
18 19
uvig_377176: 11,495-29,698 (+)
15 16
MGV-GENOME-0357293: 6,252-24,263 (+)
19
17 18 20 21
IMGVR_UViG_3300045988_037048|3300045988|Ga0495776_075979: 11,488-30,972 (+)
19
17 18 20 21
IMGVR_UViG_3300045988_039118|3300045988|Ga0495776_000406: 11,488-31,067 (+)
19 20
MGV-GENOME-0363511: 12,214-29,076 (+)
17 18 19
MGV-GENOME-0361092: 11,497-28,129 (+)
17 18
MGV-GENOME-0359899: 11,488-29,175 (+)
17
IMGVR_UViG_3300045988_132131|3300045988|Ga0495776_095717: 11,498-27,045 (+)
18
uvig_173957: 11,487-28,834 (+)
17 18 19
MGV-GENOME-0359508: 11,496-29,592 (+)
15 18 19


uvig_27319: 11,499-28,534 (+)
17
18
MGV-GENOME-0361172: 11,499-28,479 (+)
17
18
19
20
IMGVR_UViG_3300045988_070986|3300045988|Ga0495776_114882: 11,496-30,565 (+)
17
18
19
20
MGV-GENOME-0363312: 11,488-30,796 (+)
18
19
20
21
22
MGV-GENOME-0362734: 11,495-30,571 (+)
17
18
19
20
uvig_174134: 11,260-31,877 (+)
18
19
20
21
MGV-GENOME-0363689: 11,498-30,552 (+)
17
18
19
20
MGV-GENOME-0363624: 11,495-30,454 (+)
17
18
19
20
uvig_184343: 11,496-31,871 (+)
17
18
19
20
MGV-GENOME-0364619: 11,495-31,621 (+)
10
17
18
19
20
MGV-GENOME-0354545: 11,260-31,847 (+)
17
18
19
20
uvig_50294: 11,496-32,165 (+)
14
15
uvig_263066: 11,252-25,534 (+)
14
15
uvig_260299: 11,252-24,325 (+)
14
15
tail protein (CDS_0020)
uvig_262216: 11,252-28,795 (+)
14
15
uvig_461500: 11,252-22,629 (+)
8
13
14
MGV-GENOME-0362520: 10,709-26,493 (+)
14
15
16
17
18
19
20
21
22
23
24
MGV-GENOME-0364969: 11,252-32,527 (+)
14
15
16
17
18
19
20
21
22
23
24
uvig_79759: 11,252-32,582 (+)
17
18
19
23
MGV-GENOME-0361015: 11,488-25,663 (+)
16
17
18
uvig_333803: 11,488-25,604 (+)
17
18
19
MGV-GENOME-0361024: 11,488-25,689 (+)
16
17
18
MGV-GENOME-0357927: 11,491-24,923 (+)
14
15
tail protein (CDS_0021)
uvig_8664: 11,252-25,230 (+)


20
17
18
19
25
uvig_376599: 12,079-29,136 (+)
20
17
18
19
MGV-GENOME-0362902: 12,079-28,778 (+)
21
12
18
19
20
IMGVR_UViG_3300045988_049531|3300045988|Ga0495776_076063: 11,488-29,194 (+)
3
6
uvig_514099: 1,051-9,503 (+)
14
15
uvig_498485: 11,252-25,981 (+)
14
15
MGV-GENOME-0361461: 11,252-25,637 (+)
14
uvig_260168: 11,244-23,524 (+)
16
17
MGV-GENOME-0361659: 11,554-24,911 (+)
14
15
MGV-GENOME-0362944: 11,252-26,152 (+)
14
17
MGV-GENOME-0345459: 11,252-25,356 (+)
14
15
OTU_189: 11,252-26,516 (+)
14
15
IMGVR_UViG_3300045988_029803|3300045988|Ga0495776_000756: 11,252-26,759 (+)
14
MGV-GENOME-0361562: 11,352-27,009 (+)
16
20
IMGVR_UViG_3300045988_070136|3300045988|Ga0495776_000459: 11,992-27,548 (+)
14
15
MGV-GENOME-0364544: 11,252-27,500 (+)
14
15
uvig_390454: 11,252-25,307 (+)
14
15
IMGVR_UViG_3300045988_049899|3300045988|Ga0495776_075862: 11,252-26,781 (+)
14
17
uvig_100118: 11,255-26,053 (+)
14
MGV-GENOME-0361333: 11,251-25,592 (+)
14
15
16
MGV-GENOME-0362832: 11,252-25,990 (+)
14
15
uvig_501148: 11,252-25,917 (+)
14
15
MGV-GENOME-0361154: 11,255-26,583 (+)
17
IMGVR_UViG_3300028960_000002|3300028960|Ga0169754_100116: 11,488-27,415 (+)
16
MGV-GENOME-0364414: 11,488-27,287 (+)
13
14
19
OTU_134: 10,709-27,606 (+)
14
15
21
uvig_329936: 11,252-27,731 (+)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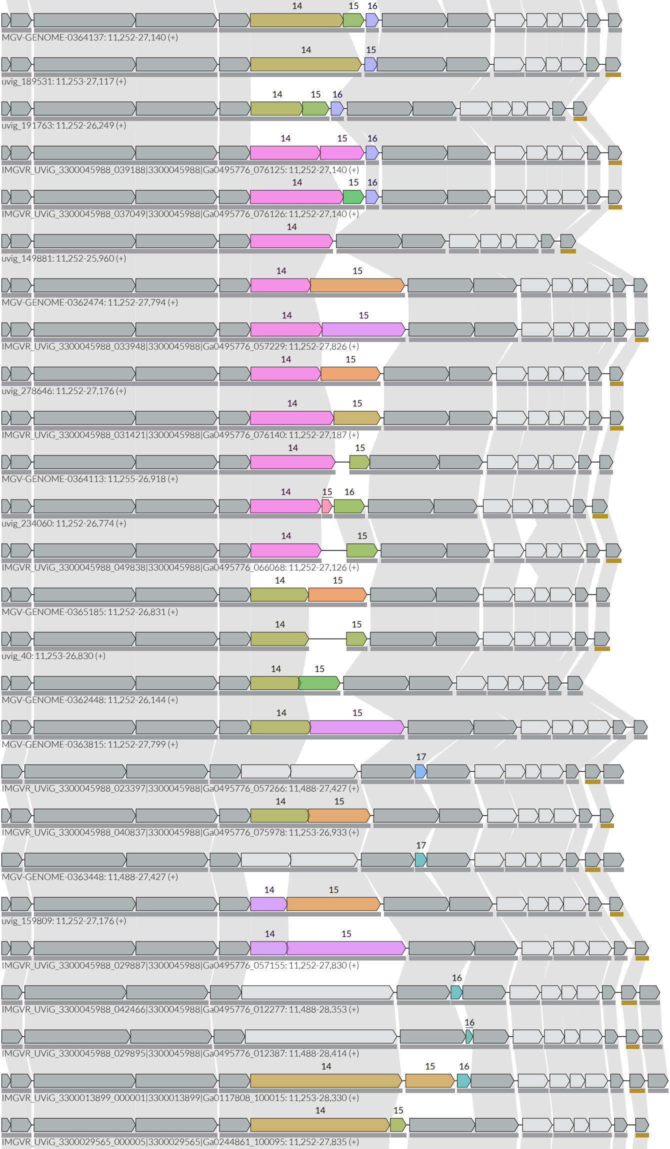
IMGVR_UViG_3300008282_000004|3300008282|Ga0114156_1000086: 11,252-27,103 (+)
14
15
MGV-GENOME-0364916: 11,252-27,730 (+)
14
15
IMGVR_UViG_3300008523_000001|3300008523|Ga0115231_1000091: 11,252-27,785 (+)
14
15
IMGVR_UViG_3300045988_046873|3300045988|Ga0495776_012379: 11,252-27,802 (+)
14
uvig_518907: 11,252-27,052 (+)
14
15
uvig_301283: 11,252-27,793 (+)
14
15
MGV-GENOME-0363785: 11,252-26,411 (+)
14
IMGVR_UViG_3300045988_040905|3300045988|Ga0495776_057091: 11,252-26,146 (+)
14
15
uvig_5894: 11,252-27,033 (+)
14
15
uvig_103525: 11,252-27,826 (+)
14
15
MGV-GENOME-0361657: 11,252-26,487 (+)
14
15
19
uvig_536541: 11,252-26,487 (+)
14
15
18
19
IMGVR_UViG_3300045988_033958|3300045988|Ga0495776_076173: 11,252-27,043 (+)
14
15
MGV-GENOME-0363529: 11,253-27,763 (+)
14
MGV-GENOME-0339535: 11,252-27,121 (+)
14
15
MGV-GENOME-0362107: 11,252-27,212 (+)
14
15
IMGVR_UViG_3300045988_039092|3300045988|Ga0495776_000351: 11,252-27,799 (+)
14
15
MGV-GENOME-0364168: 11,252-27,187 (+)
14
15
MGV-GENOME-0365139: 11,252-27,740 (+)
14
15
uvig_12688: 11,260-27,127 (+)
14
15
IMGVR_UViG_3300045988_027826|3300045988|Ga0495776_037643: 11,252-27,754 (+)
14
15
MGV-GENOME-0363017: 11,252-27,739 (+)
14
IMGVR_UViG_3300045988_037478|3300045988|Ga0495776_012046: 11,252-27,858 (+)
14
15
IMGVR_UViG_3300045988_045051|3300045988|Ga0495776_084537: 11,252-27,746 (+)
14
15
16
MGV-GENOME-0354629: 11,252-27,731 (+)
16
IMGVR_UViG_3300045988_079398|3300045988|Ga0495776_011982: 11,488-27,685 (+)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15
16
MGV-GENOME-0364137: 11,252-27,140 (+)
14
15
uvig_189531: 11,253-27,117 (+)
14
15
16
uvig_191763: 11,252-26,249 (+)
14
15
16
IMGVR_UViG_3300045988_039188|3300045988|Ga0495776_076125: 11,252-27,140 (+)
14
15
16
IMGVR_UViG_3300045988_037049|3300045988|Ga0495776_076126: 11,252-27,140 (+)
14
uvig_149881: 11,252-25,960 (+)
14
15
MGV-GENOME-0362474: 11,252-27,794 (+)
14
15
IMGVR_UViG_3300045988_033948|3300045988|Ga0495776_057229: 11,252-27,826 (+)
14
15
uvig_278646: 11,252-27,176 (+)
14
15
IMGVR_UViG_3300045988_031421|3300045988|Ga0495776_076140: 11,252-27,187 (+)
14
15
MGV-GENOME-0364113: 11,255-26,918 (+)
14
15
16
uvig_234060: 11,252-26,774 (+)
14
15
IMGVR_UViG_3300045988_049838|3300045988|Ga0495776_066068: 11,252-27,126 (+)
14
15
MGV-GENOME-0365185: 11,252-26,831 (+)
14
15
uvig_40: 11,253-26,830 (+)
14
15
MGV-GENOME-0362448: 11,252-26,144 (+)
14
15
MGV-GENOME-0363815: 11,252-27,799 (+)
17
IMGVR_UViG_3300045988_023397|3300045988|Ga0495776_057266: 11,488-27,427 (+)
14
15
IMGVR_UViG_3300045988_040837|3300045988|Ga0495776_075978: 11,253-26,933 (+)
17
MGV-GENOME-0363448: 11,488-27,427 (+)
14
15
uvig_159809: 11,252-27,176 (+)
14
15
IMGVR_UViG_3300045988_029887|3300045988|Ga0495776_057155: 11,252-27,830 (+)
16
IMGVR_UViG_3300045988_042466|3300045988|Ga0495776_012277: 11,488-28,353 (+)
16
IMGVR_UViG_3300045988_029895|3300045988|Ga0495776_012387: 11,488-28,414 (+)
14
15
16
IMGVR_UViG_3300013899_000001|3300013899|Ga0117808_100015: 11,253-28,330 (+)
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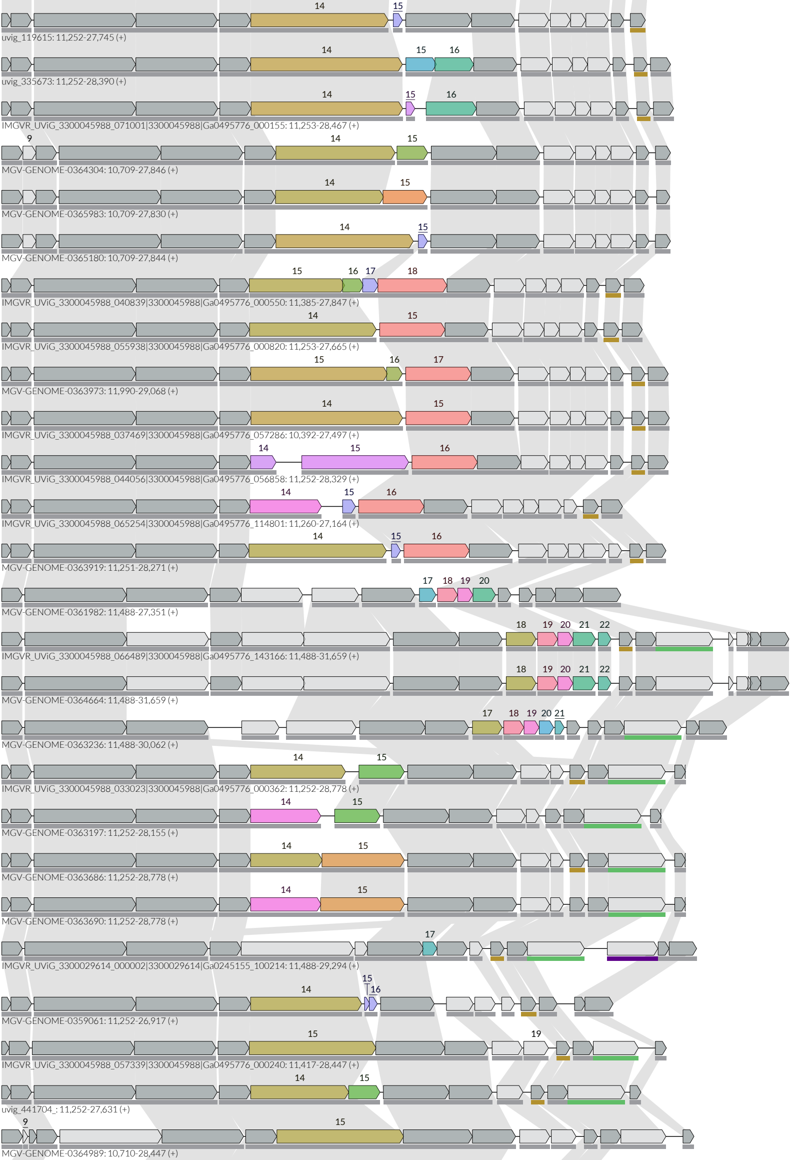
IMGVR_UViG_3300029565_000005|3300029565|Ga0244861_100095: 11,252-27,835 (+)


14
15
uvig_119615: 11,252-27,745 (+)
14
15
16
uvig_335673: 11,252-28,390 (+)
14
15
16
IMGVR_UViG_3300045988_071001|3300045988|Ga0495776_000155: 11,253-28,467 (+)
9
14
15
MGV-GENOME-0364304: 10,709-27,846 (+)
14
15
MGV-GENOME-0365983: 10,709-27,830 (+)
14
15
MGV-GENOME-0365180: 10,709-27,844 (+)
15
16
17
18
IMGVR_UViG_3300045988_040839|3300045988|Ga0495776_000550: 11,385-27,847 (+)
14
15
IMGVR_UViG_3300045988_055938|3300045988|Ga0495776_000820: 11,253-27,665 (+)
15
16
17
MGV-GENOME-0363973: 11,990-29,068 (+)
14
15
IMGVR_UViG_3300045988_037469|3300045988|Ga0495776_057286: 10,392-27,497 (+)
14
15
16
IMGVR_UViG_3300045988_044056|3300045988|Ga0495776_056858: 11,252-28,329 (+)
14
15
16
IMGVR_UViG_3300045988_065254|3300045988|Ga0495776_114801: 11,260-27,164 (+)
14
15
16
MGV-GENOME-0363919: 11,251-28,271 (+)
17
18
19
20
MGV-GENOME-0361982: 11,488-27,351 (+)
18
19
20
21
22
IMGVR_UViG_3300045988_066489|3300045988|Ga0495776_143166: 11,488-31,659 (+)
18
19
20
21
22
MGV-GENOME-0364664: 11,488-31,659 (+)
17
18
19
20
21
MGV-GENOME-0363236: 11,488-30,062 (+)
14
15
IMGVR_UViG_3300045988_033023|3300045988|Ga0495776_000362: 11,252-28,778 (+)
14
15
MGV-GENOME-0363197: 11,252-28,155 (+)
14
15
MGV-GENOME-0363686: 11,252-28,778 (+)
14
15
MGV-GENOME-0363690: 11,252-28,778 (+)
17
IMGVR_UViG_3300029614_000002|3300029614|Ga0245155_100214: 11,488-29,294 (+)
15
14
16
MGV-GENOME-0359061: 11,252-26,917 (+)
15
19
IMGVR_UViG_3300045988_057339|3300045988|Ga0495776_000240: 11,417-28,447 (+)
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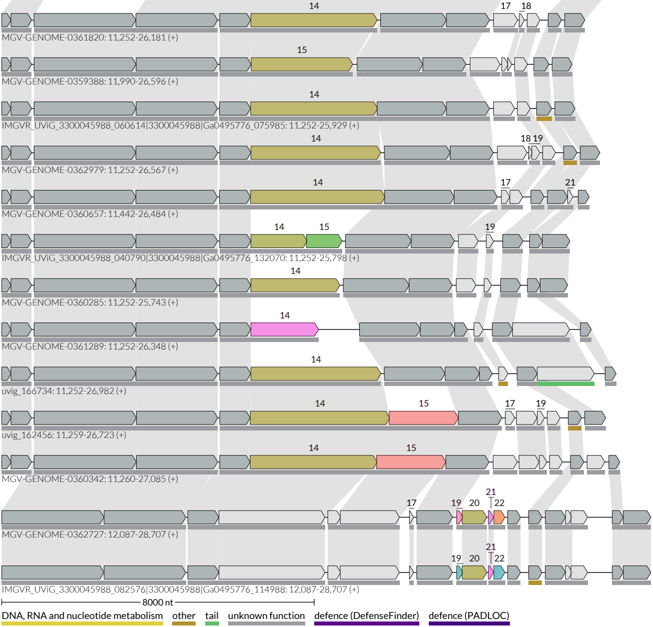
15
uvig_441704_: 11,252-27,631 (+)
9
15
MGV-GENOME-0364989: 10,710-28,447 (+)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17
18
MGV-GENOME-0361820: 11,252-26,181 (+)
15
MGV-GENOME-0359388: 11,990-26,596 (+)
14
IMGVR_UViG_3300045988_060614|3300045988|Ga0495776_075985: 11,252-25,929 (+)
14
18
19
MGV-GENOME-0362979: 11,252-26,567 (+)
14
17
21
MGV-GENOME-0360657: 11,442-26,484 (+)
14
15
19
IMGVR_UViG_3300045988_040790|3300045988|Ga0495776_132070: 11,252-25,798 (+)
14
MGV-GENOME-0360285: 11,252-25,743 (+)
14
MGV-GENOME-0361289: 11,252-26,348 (+)
14
uvig_166734: 11,252-26,982 (+)
14
15
17
19
uvig_162456: 11,259-26,723 (+)
14
15
MGV-GENOME-0360342: 11,260-27,085 (+)
17
19
20
21
22
MGV-GENOME-0362727: 12,087-28,707 (+)
19
20
21
22
IMGVR_UViG_3300045988_082576|3300045988|Ga0495776_114988: 12,087-28,707 (+)
8000 nt
DNA, RNA and nucleotide metabolism
other
tail
unknown function
defence (DefenseFinder)
defence (PADLOC)