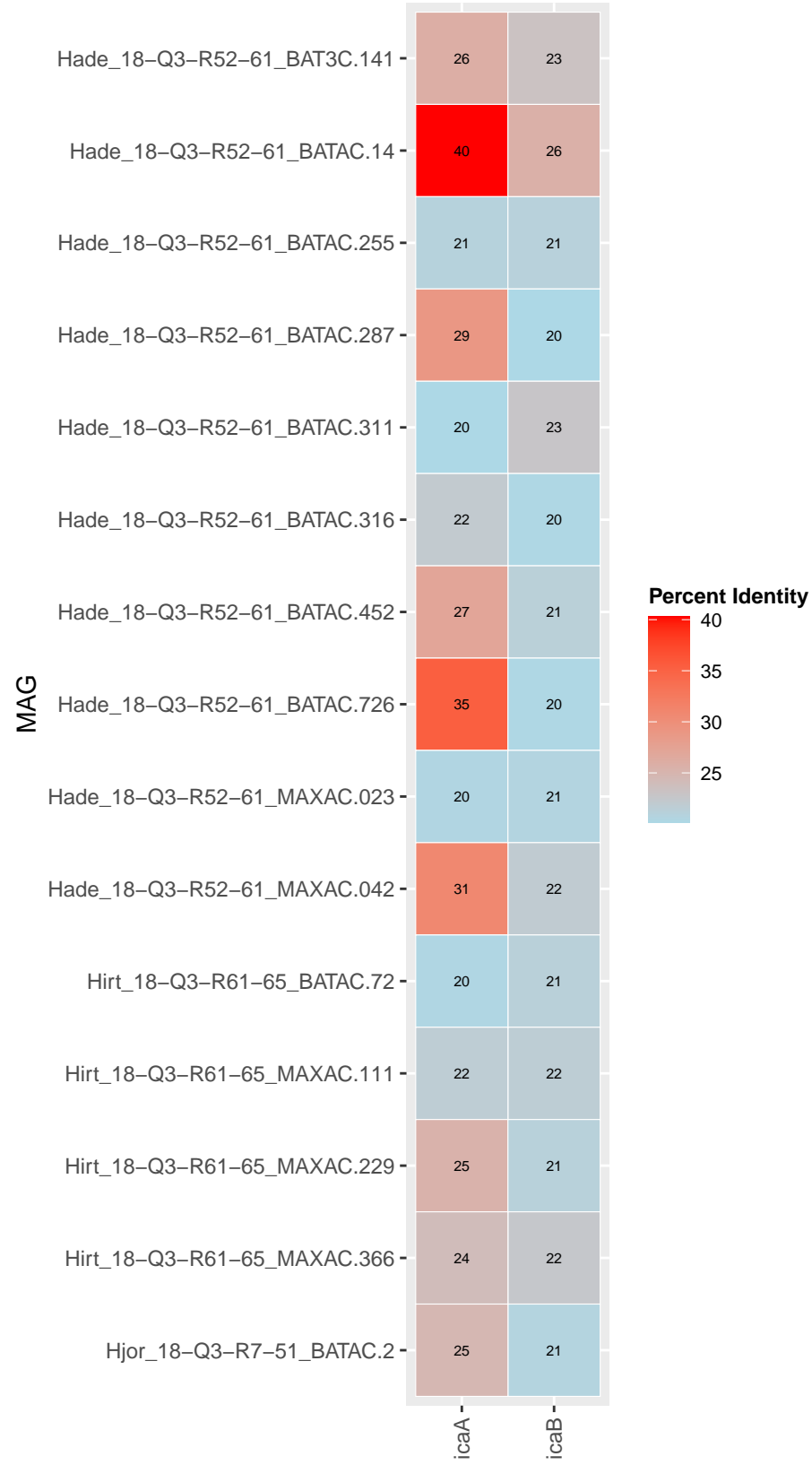
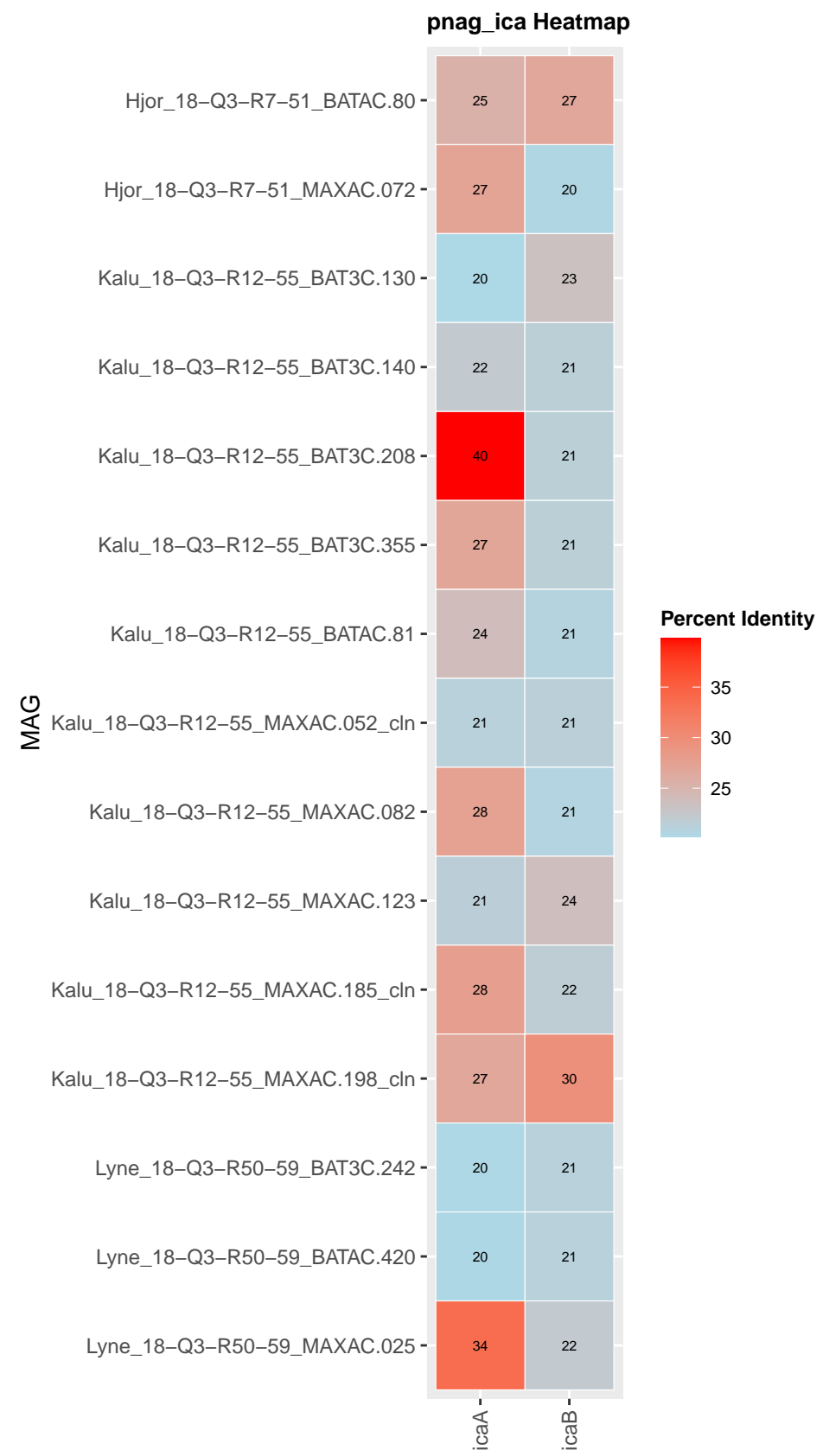
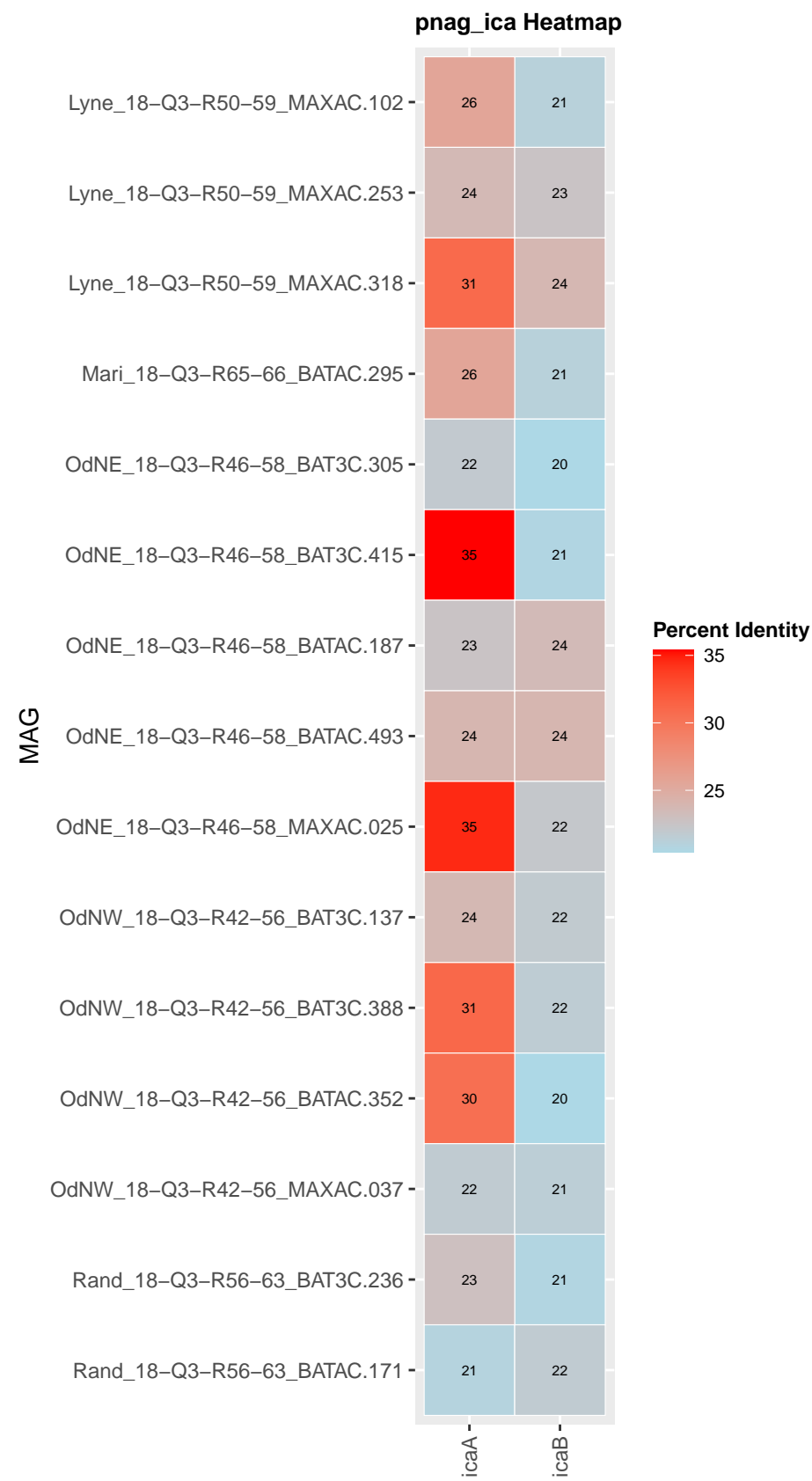
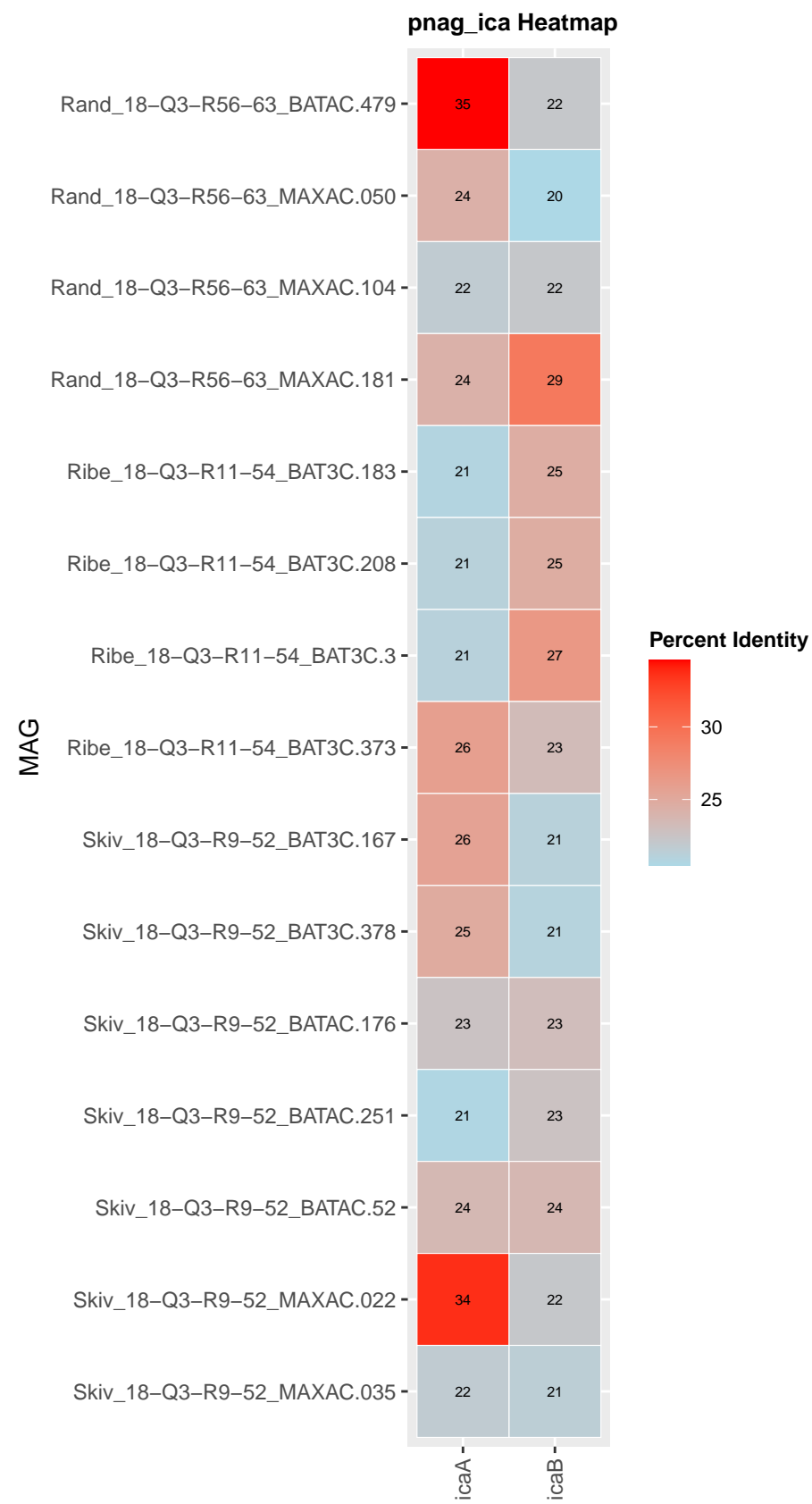


pnag_ica Heatmap

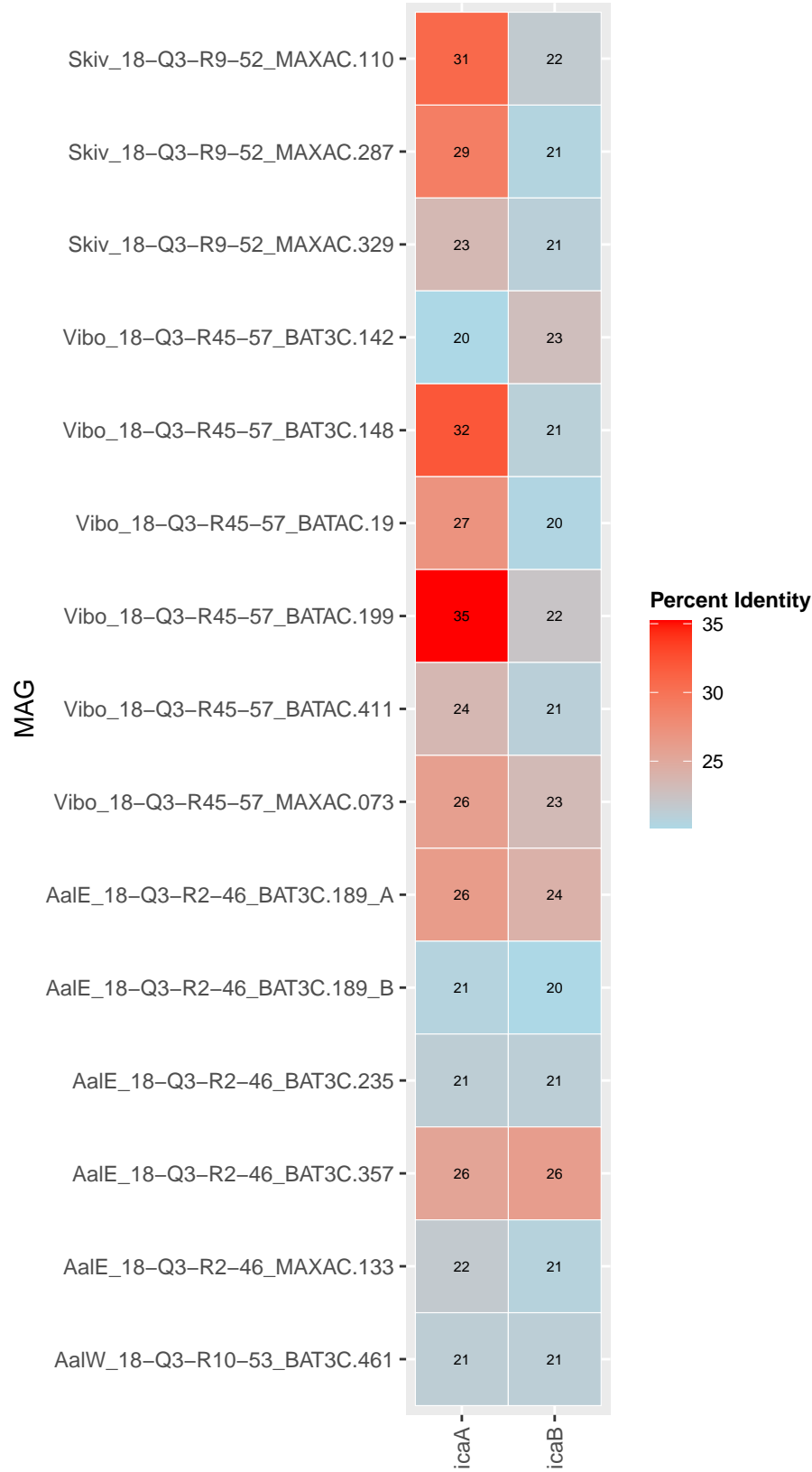








pnag_ica Heatmap



pnag_ica Heatmap

MAG

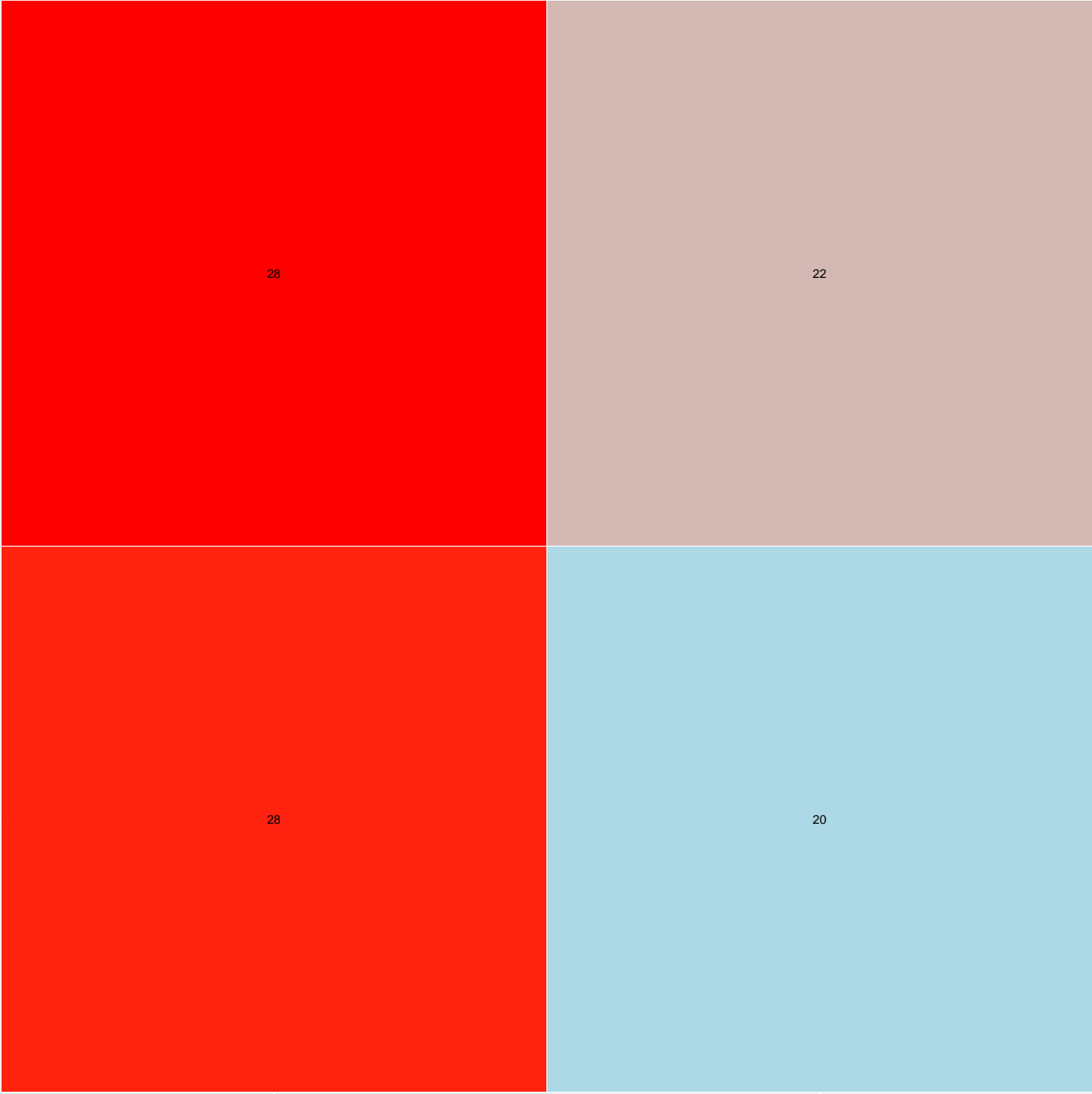
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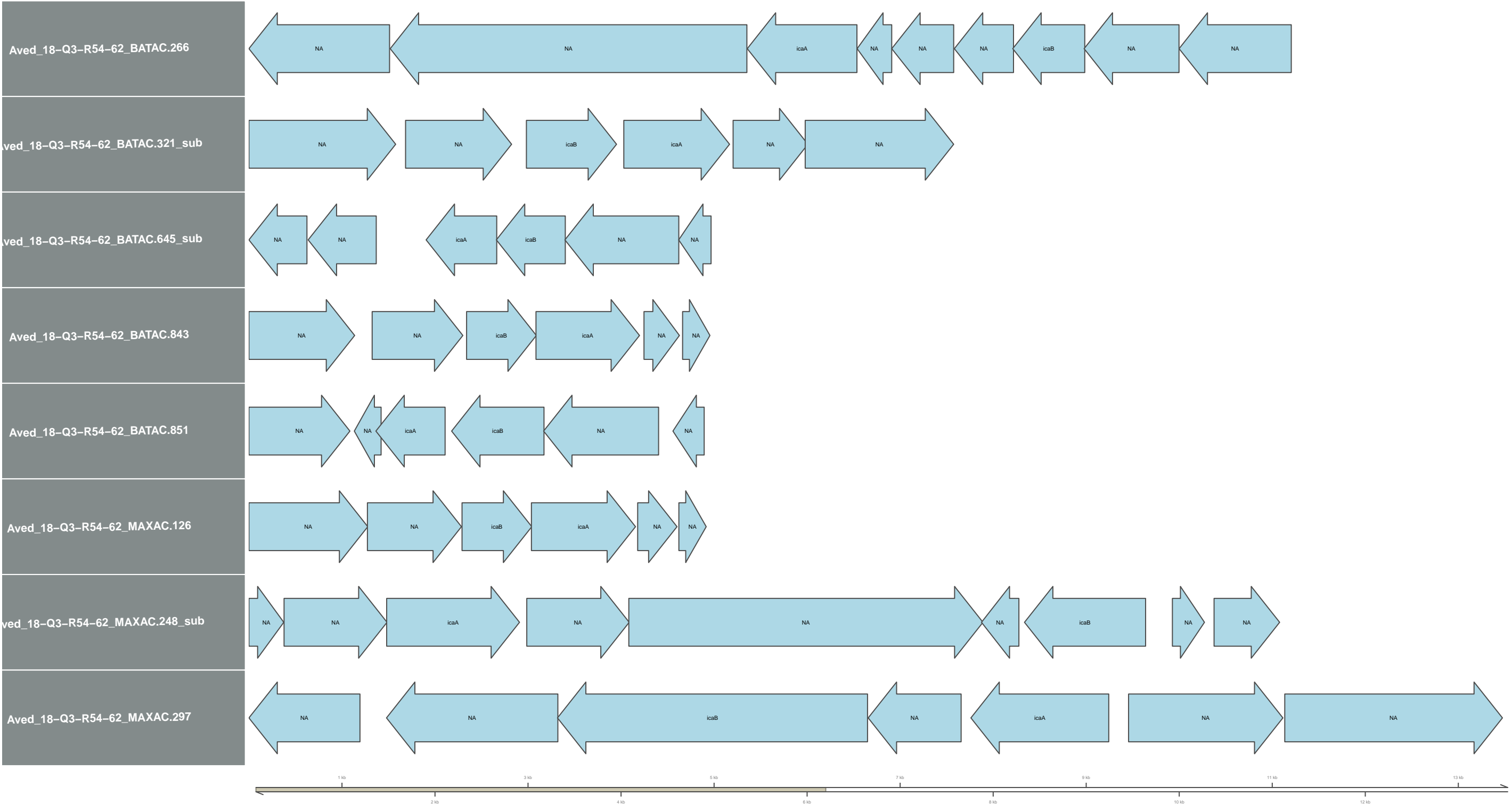
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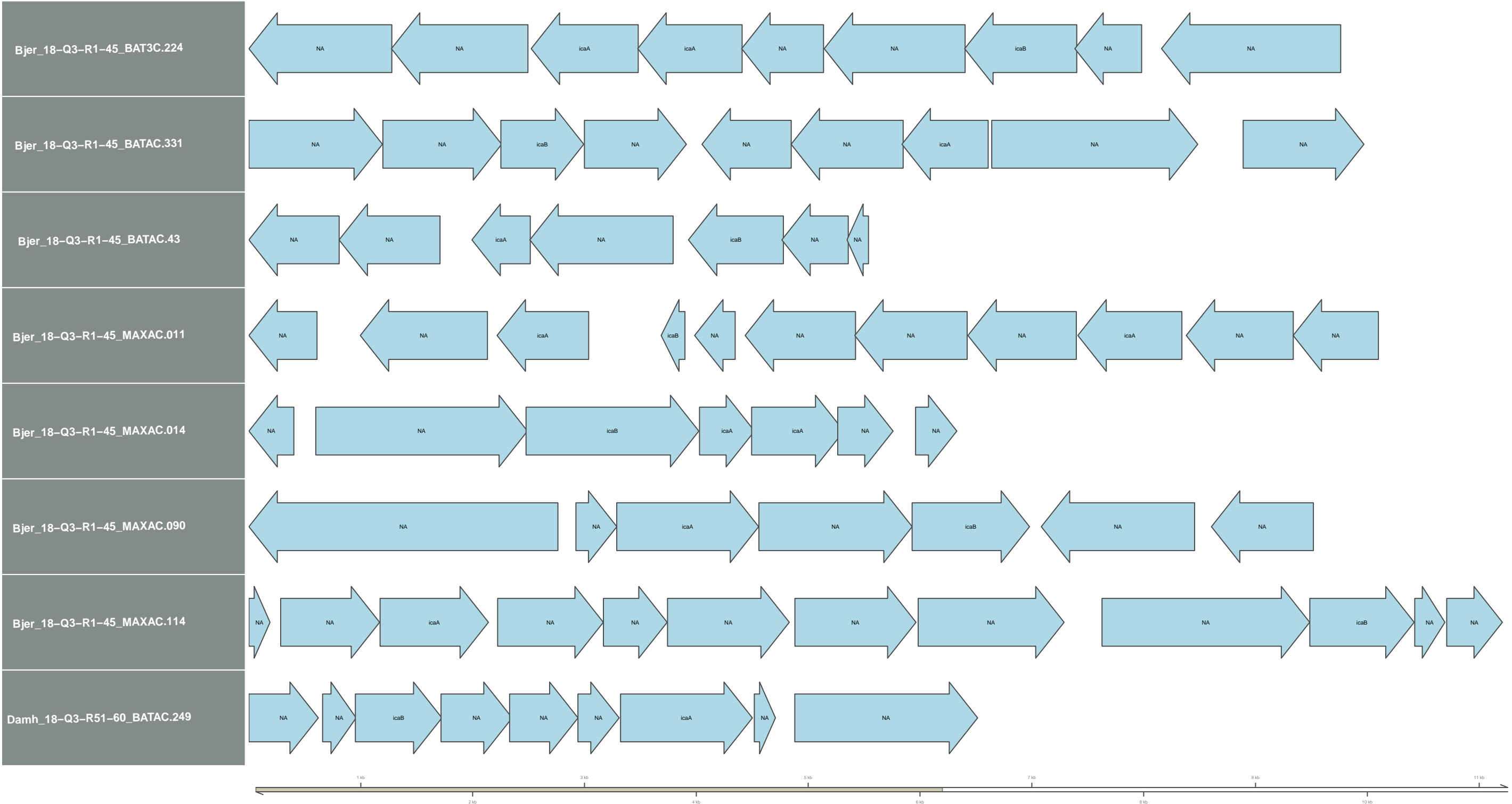
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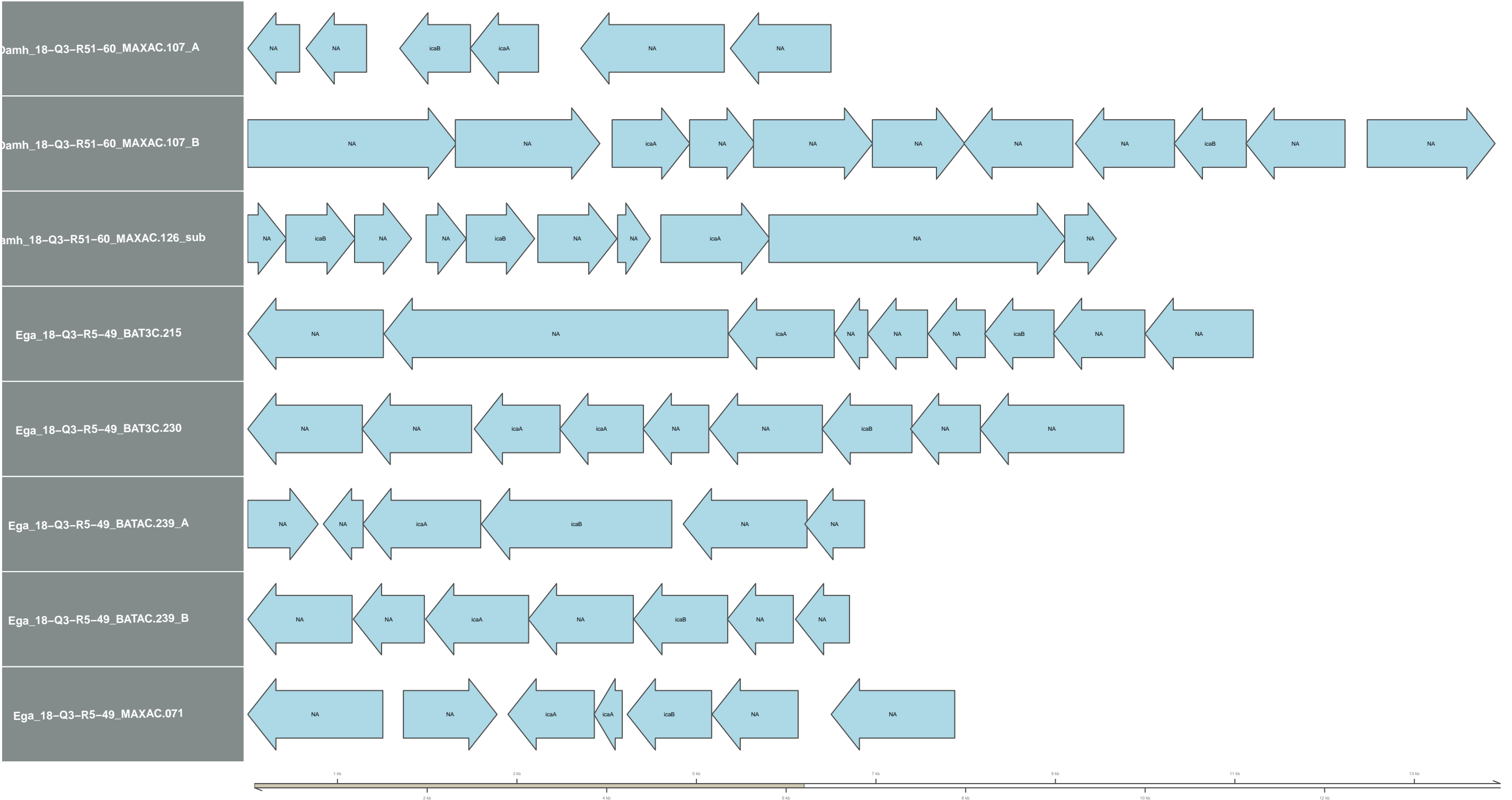
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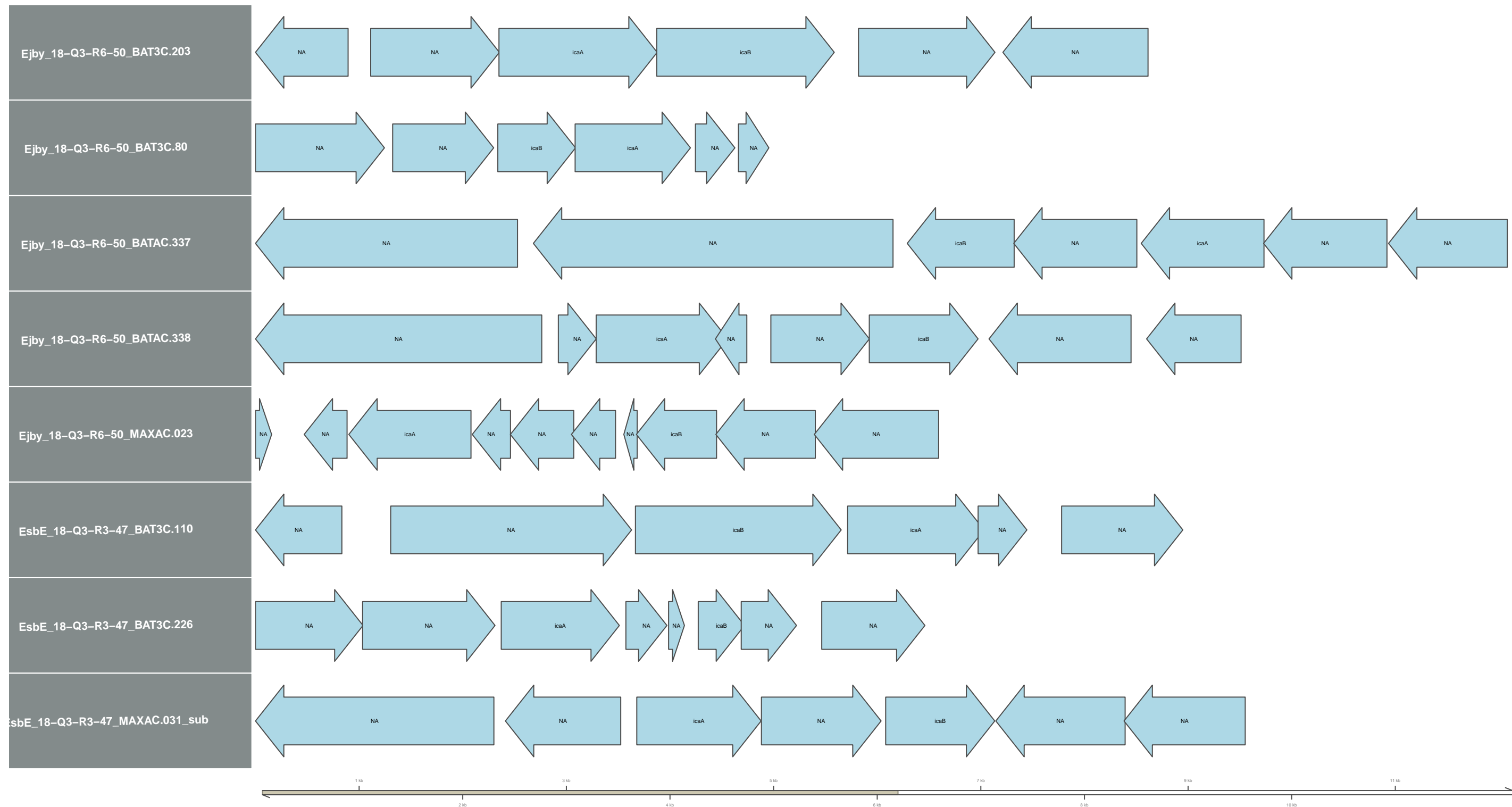
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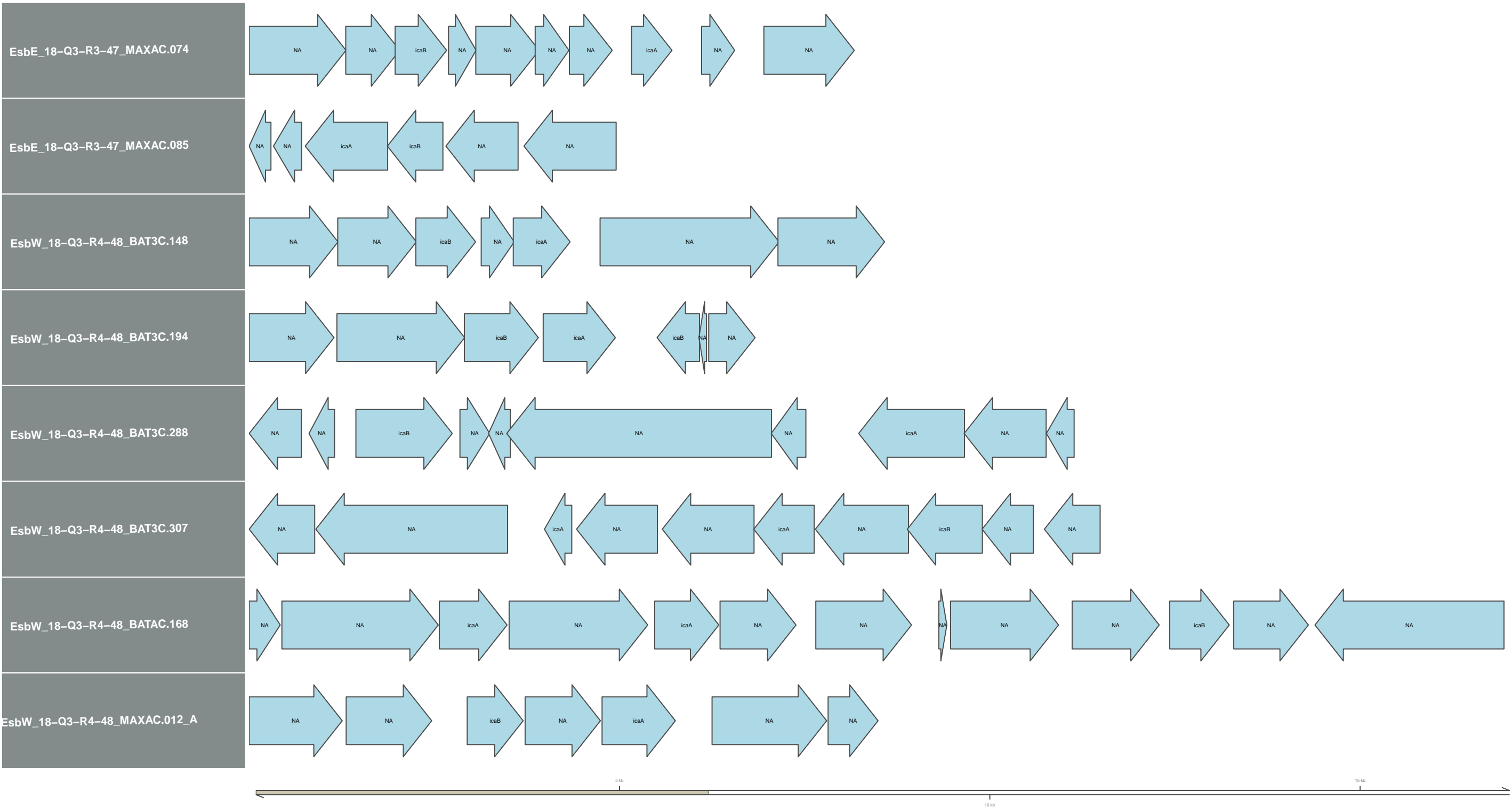
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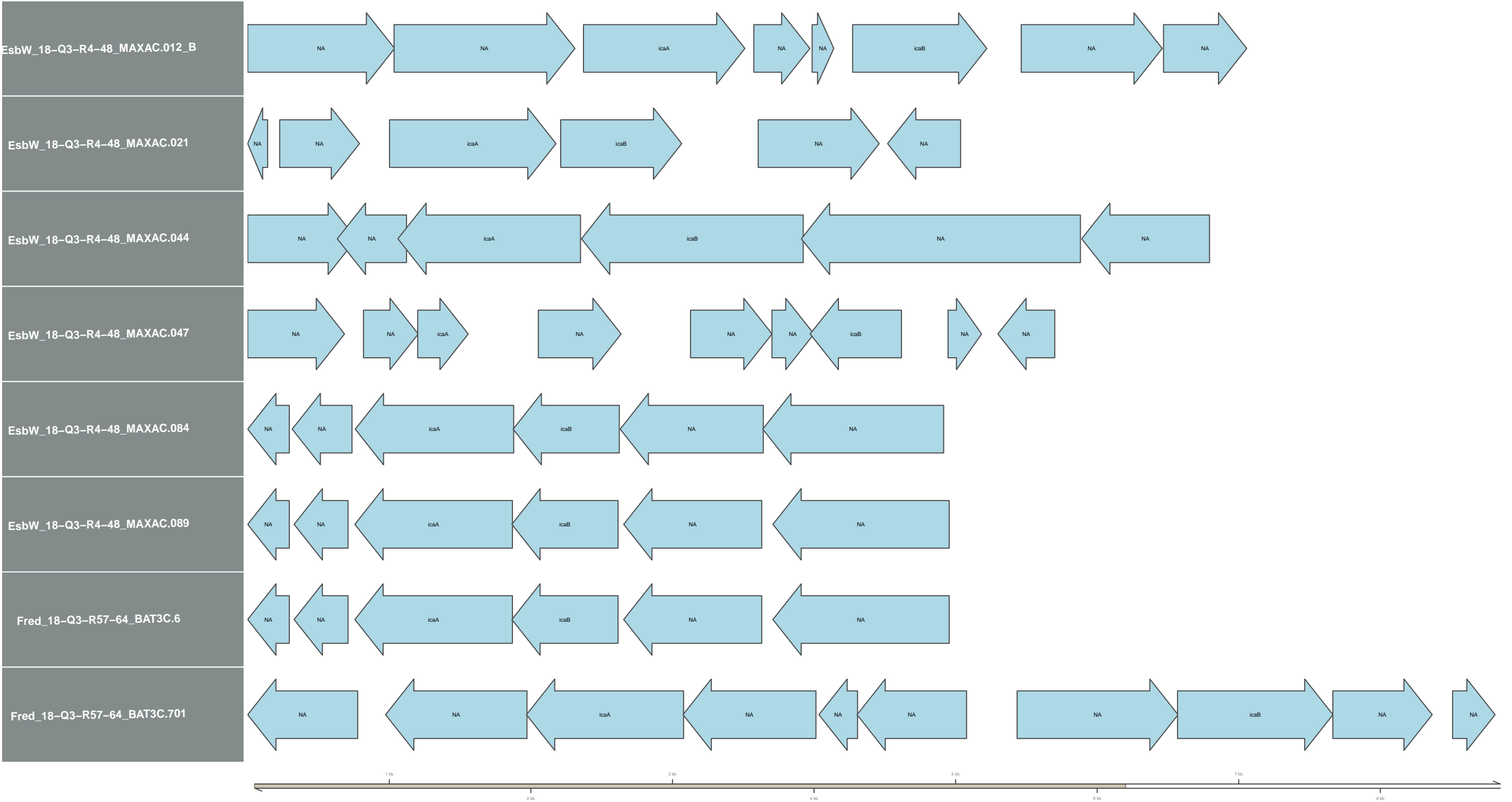
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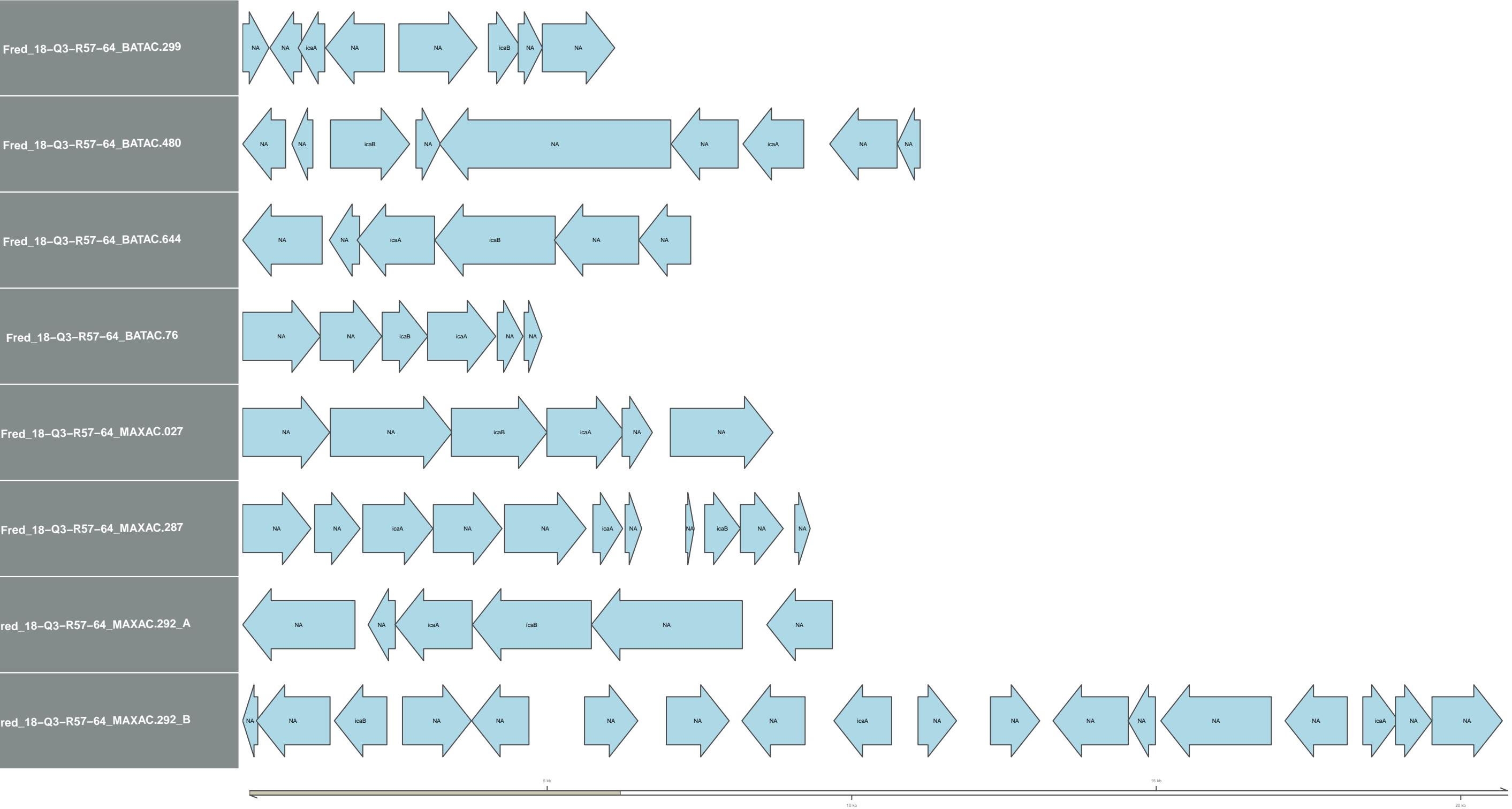
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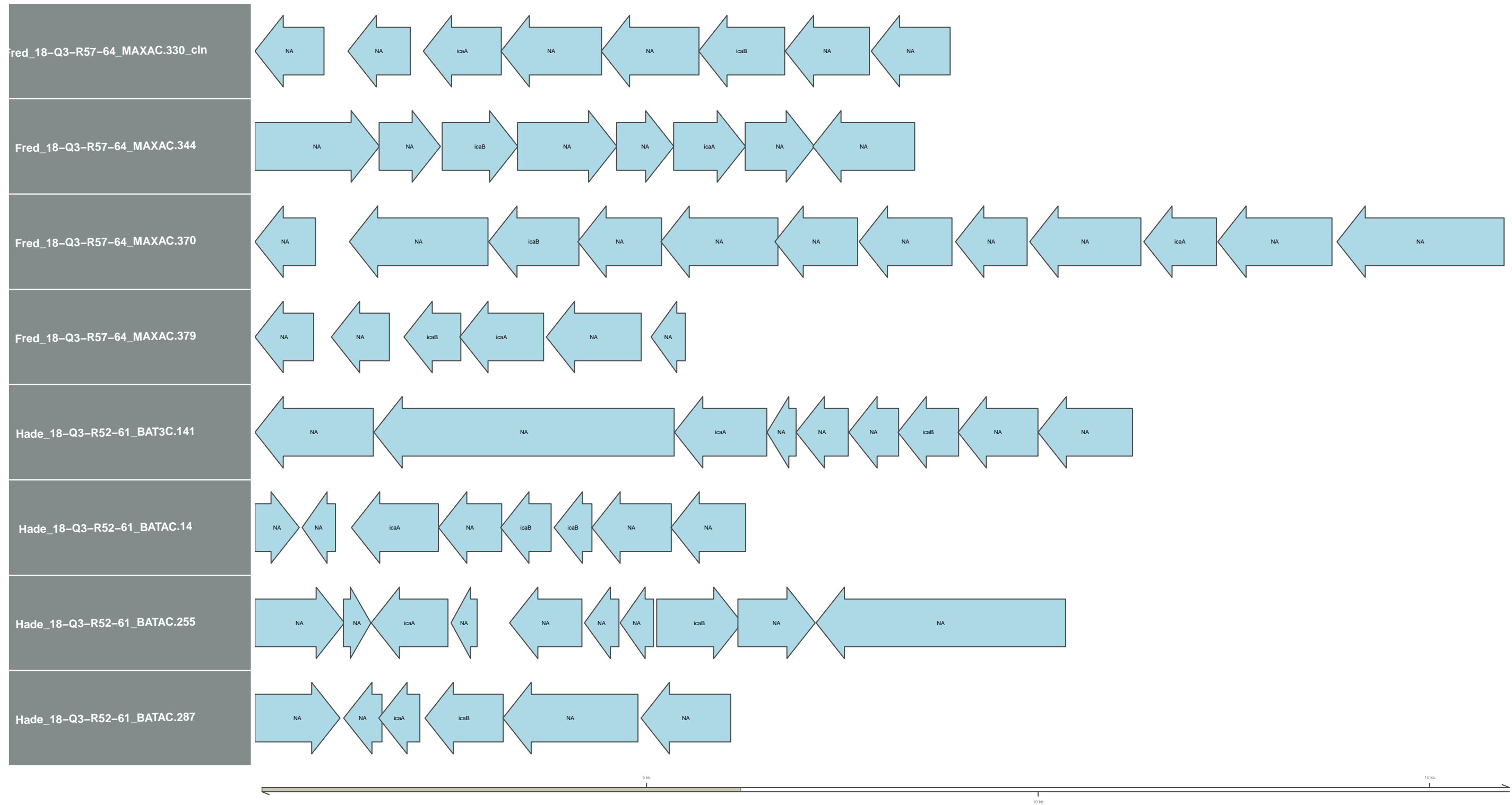
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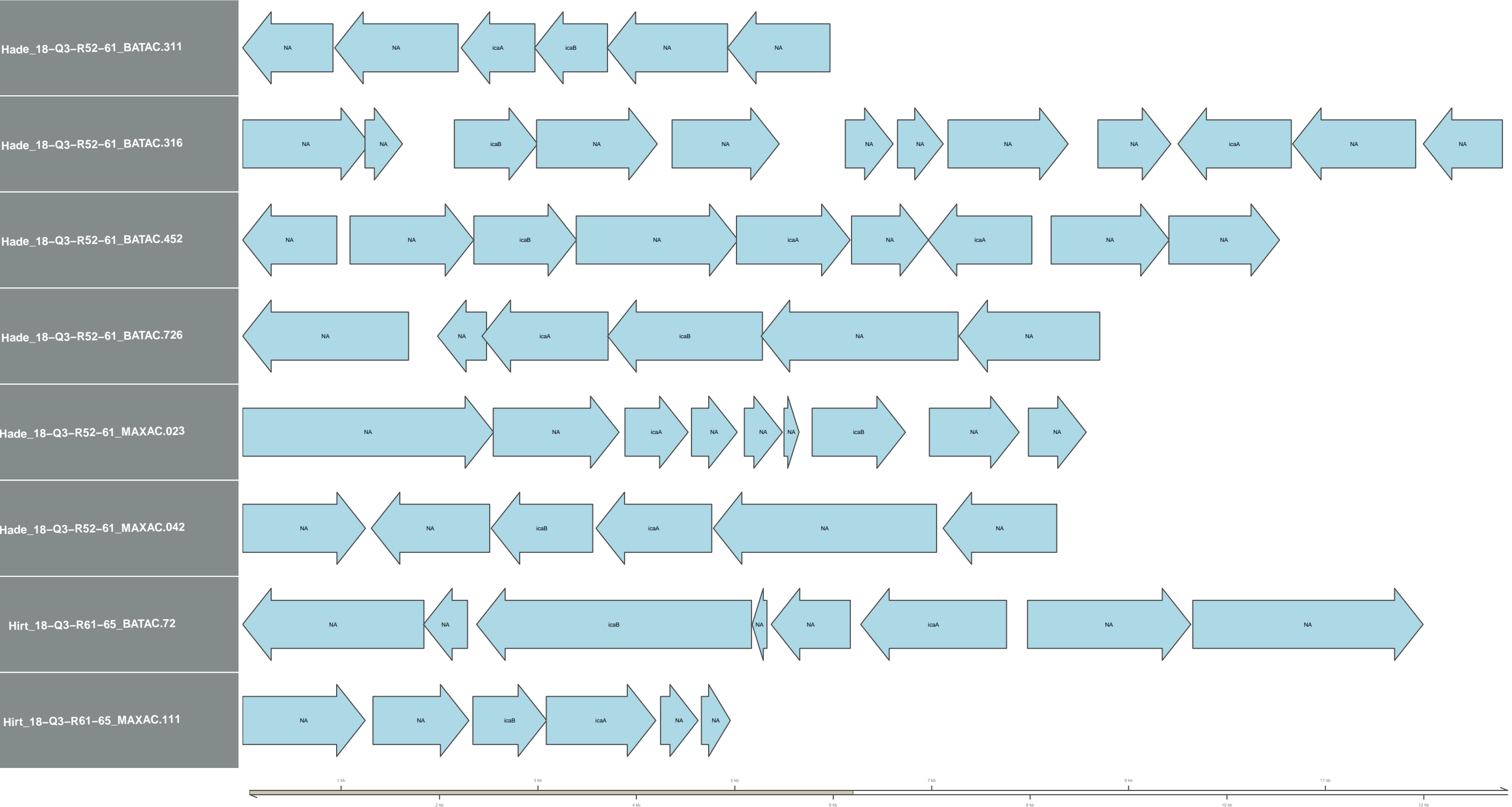
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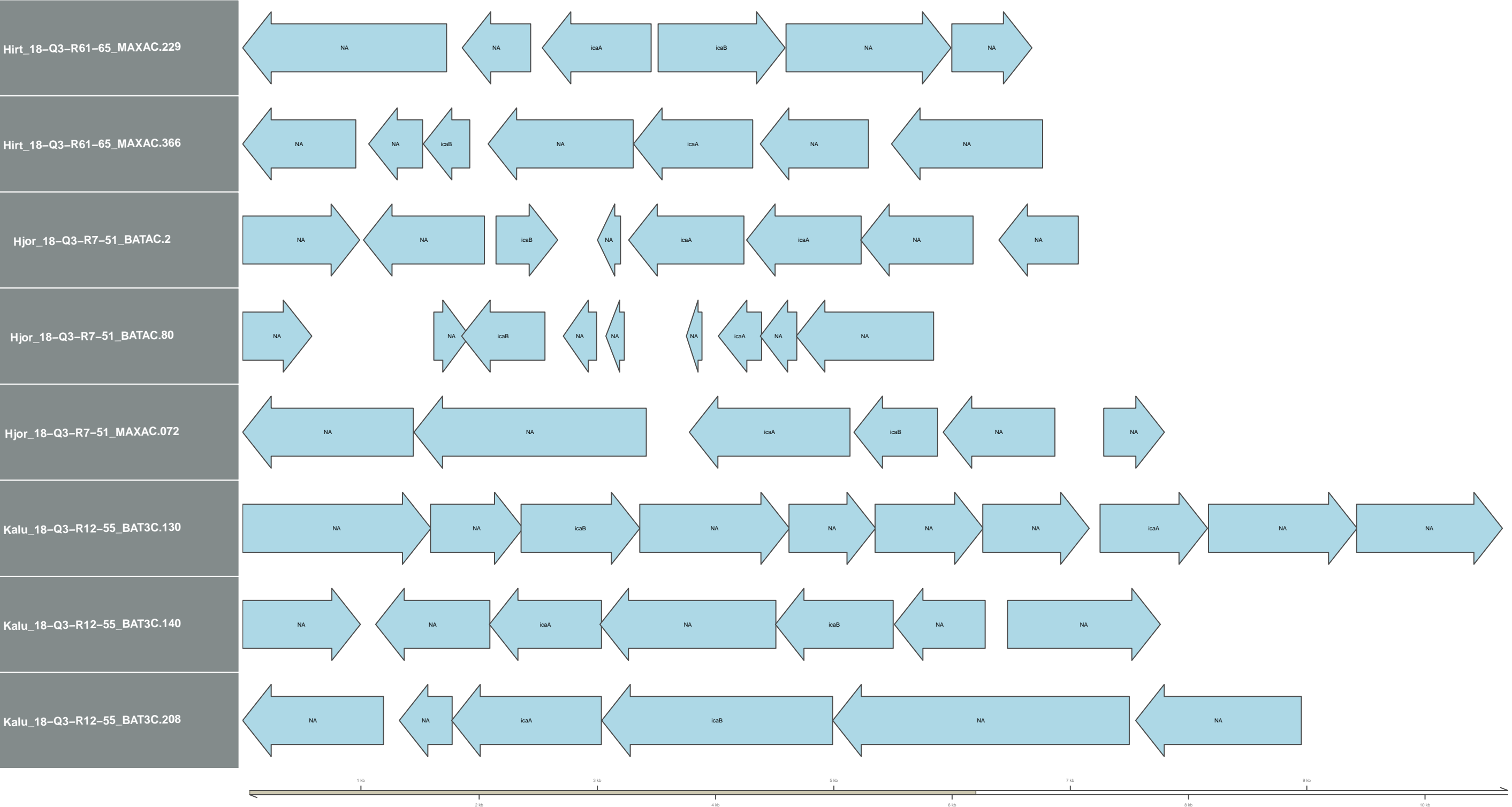
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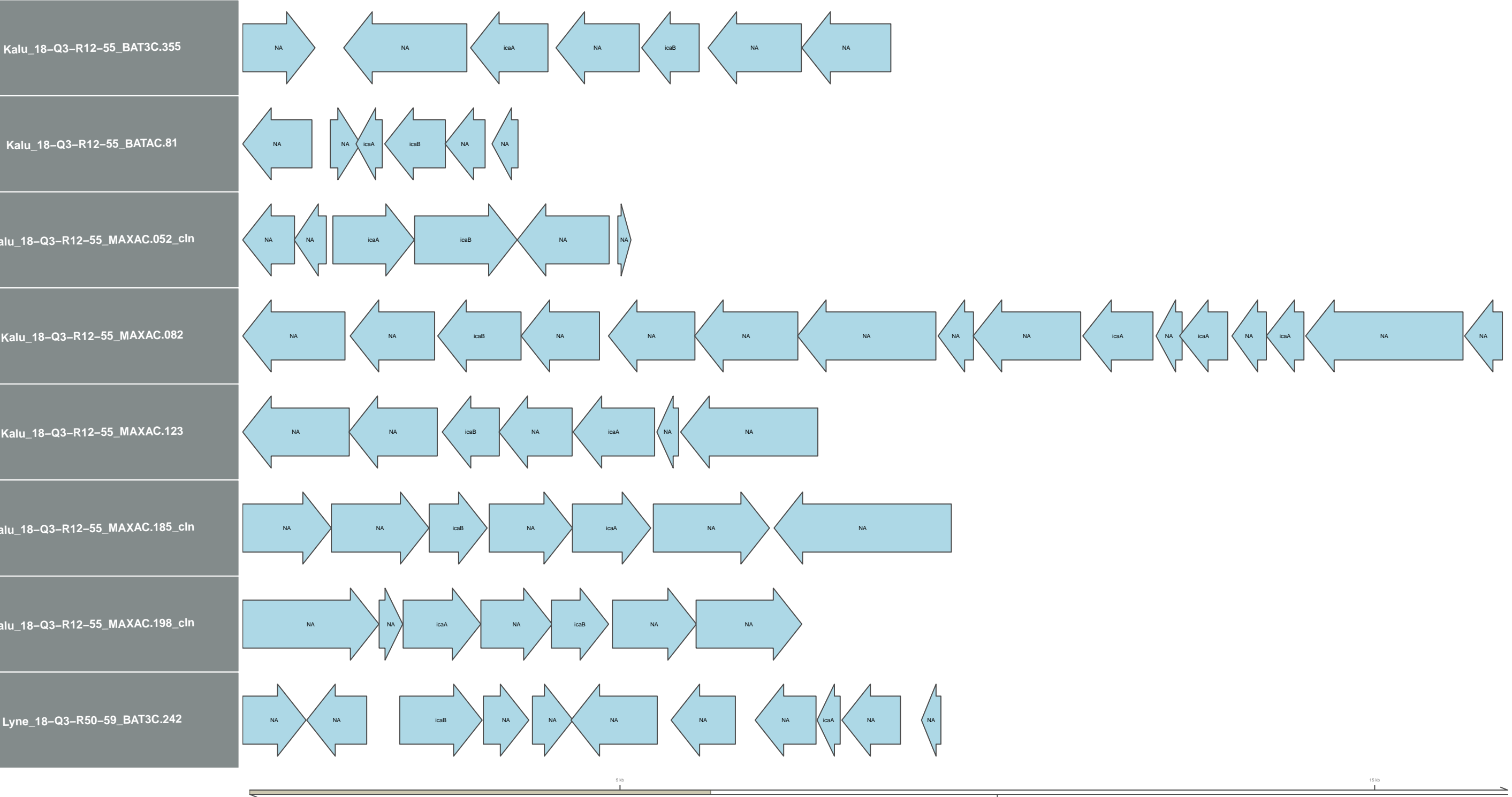
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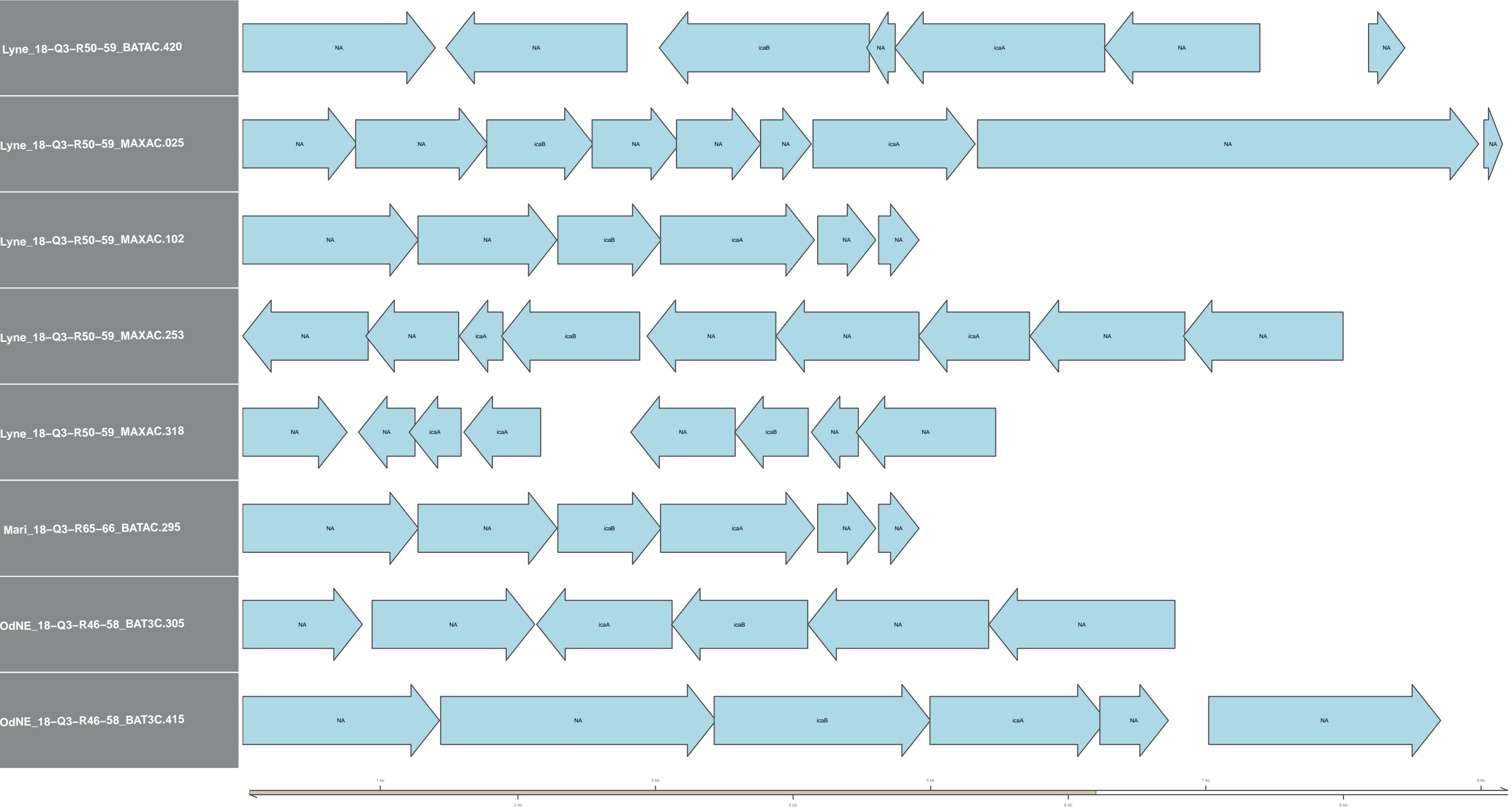
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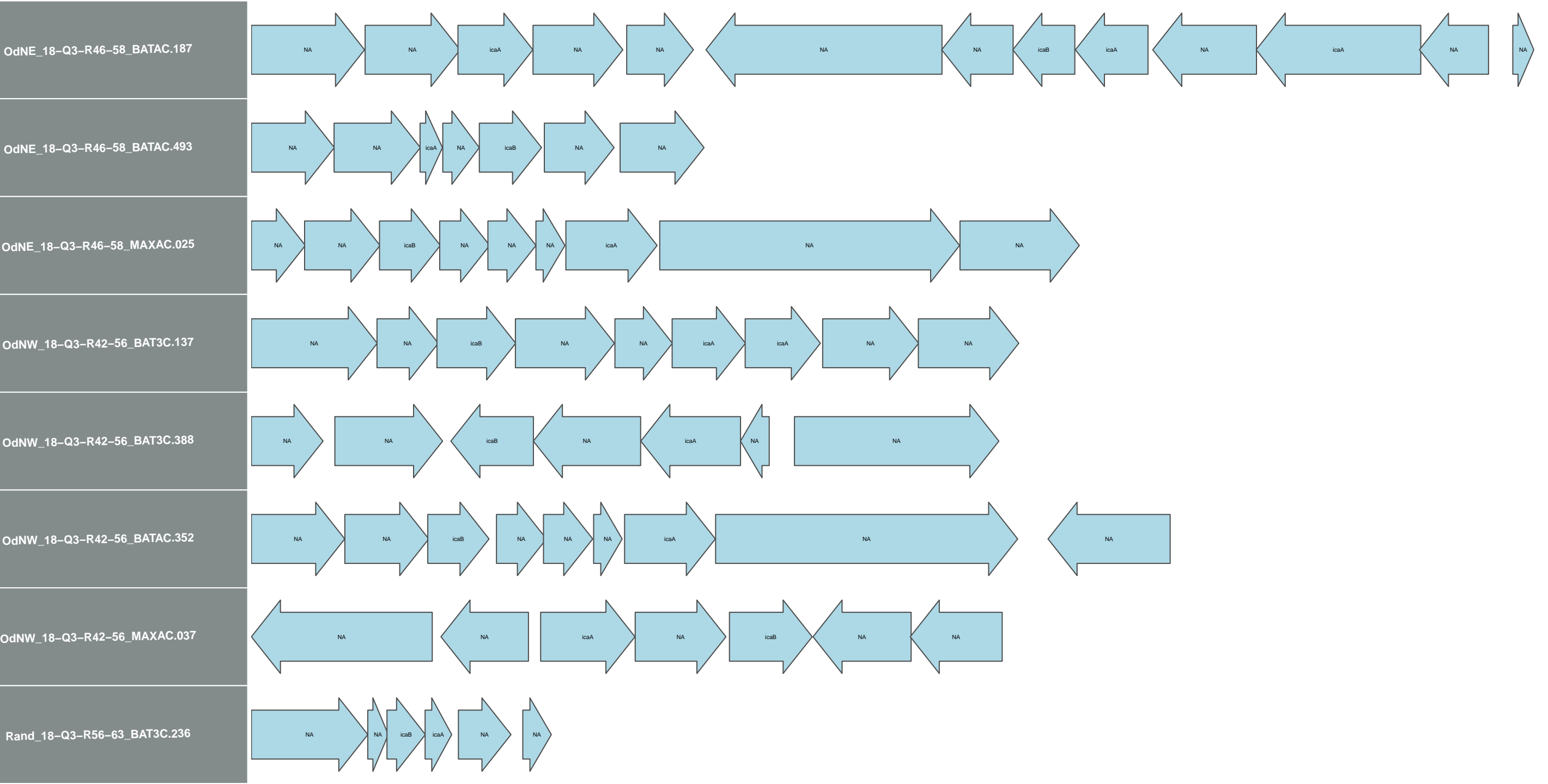
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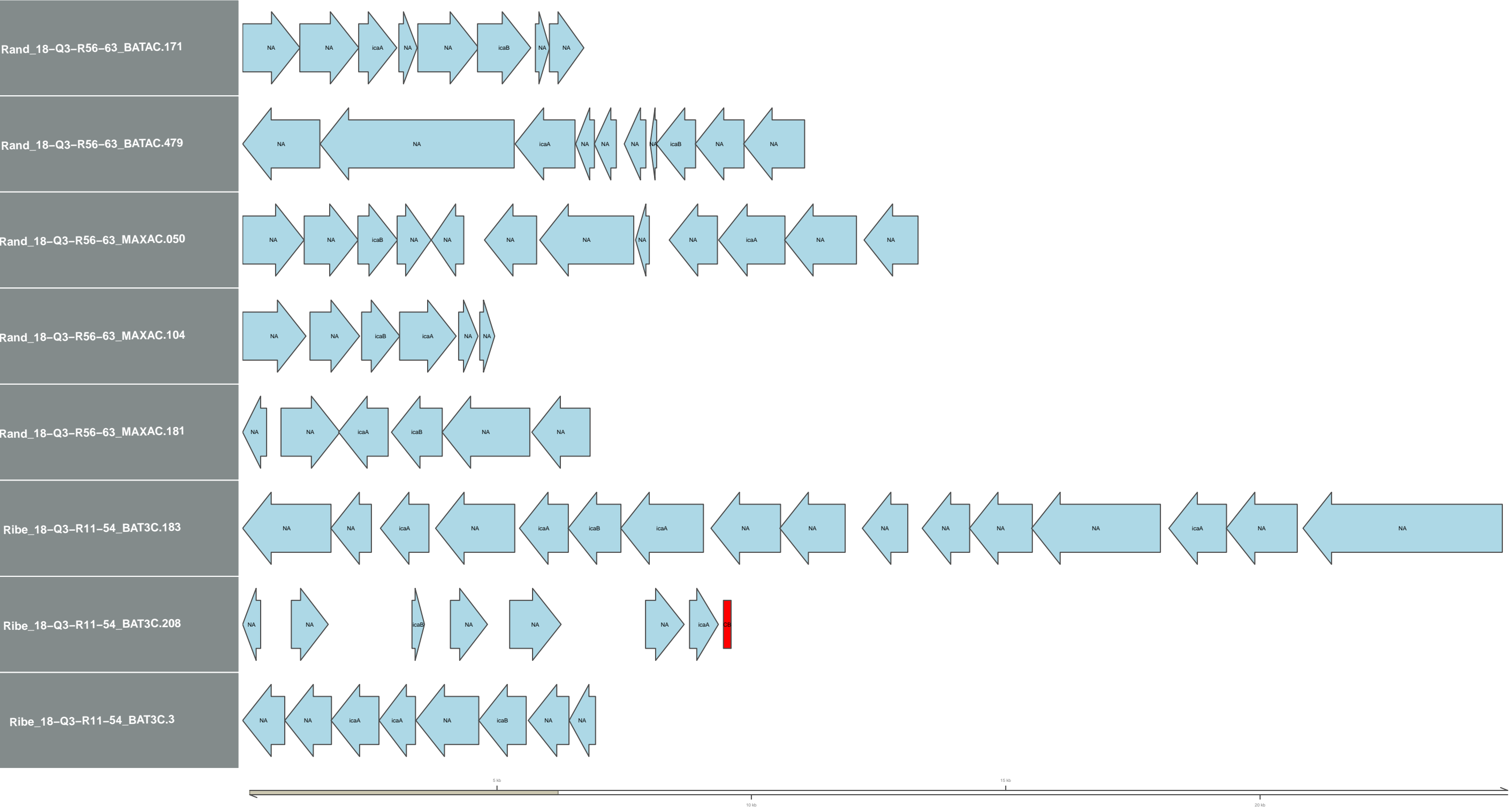
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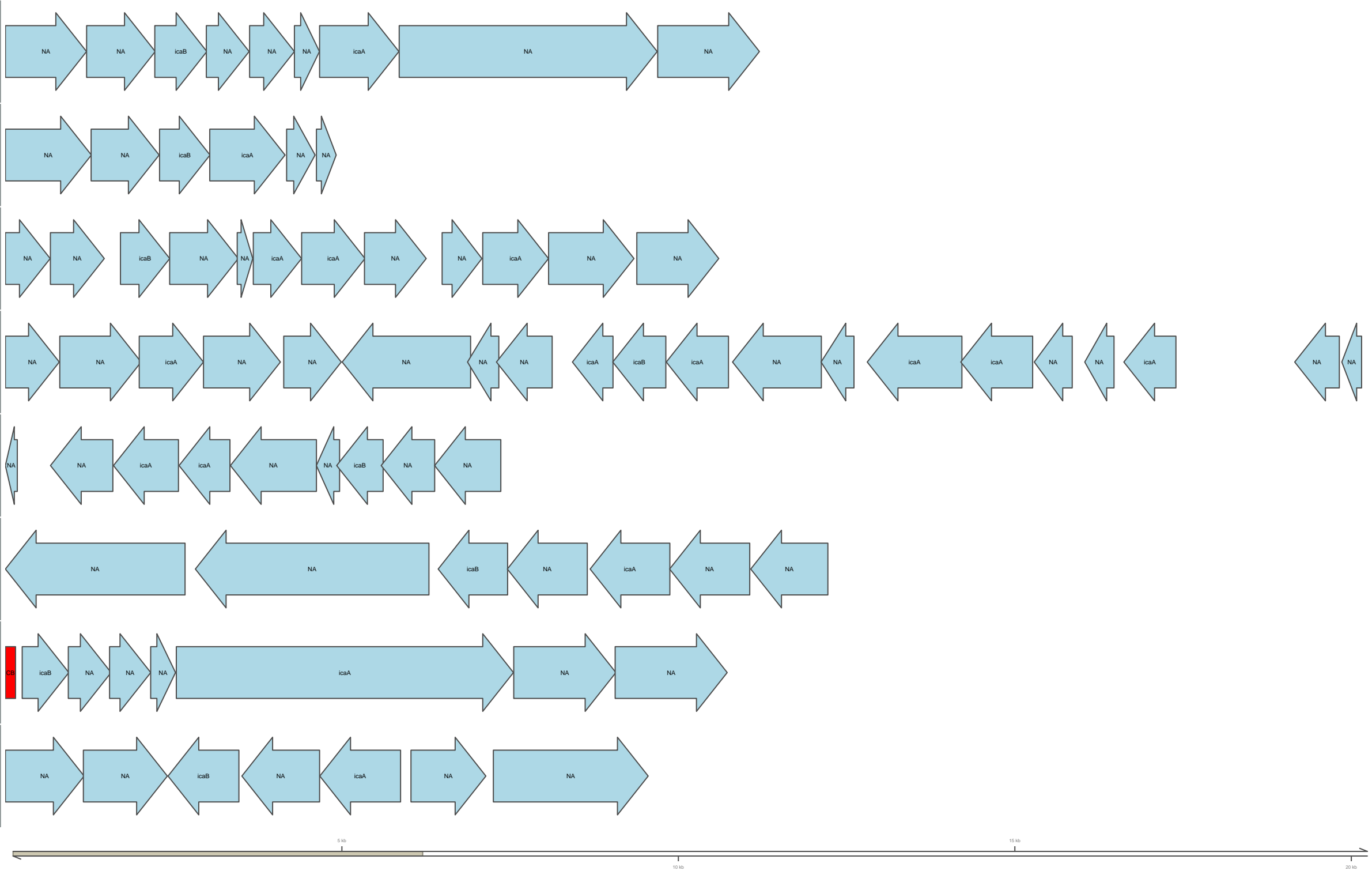


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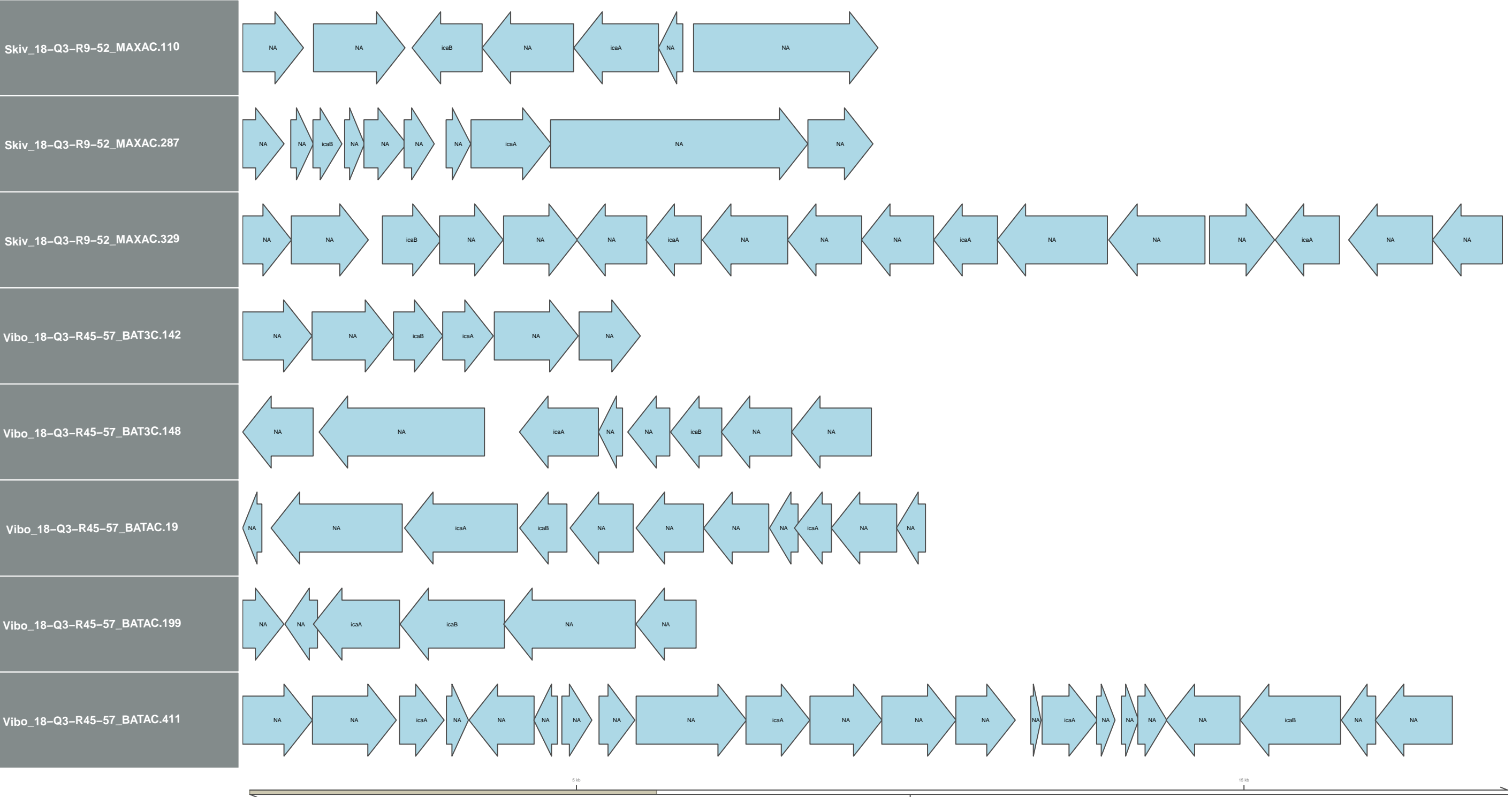


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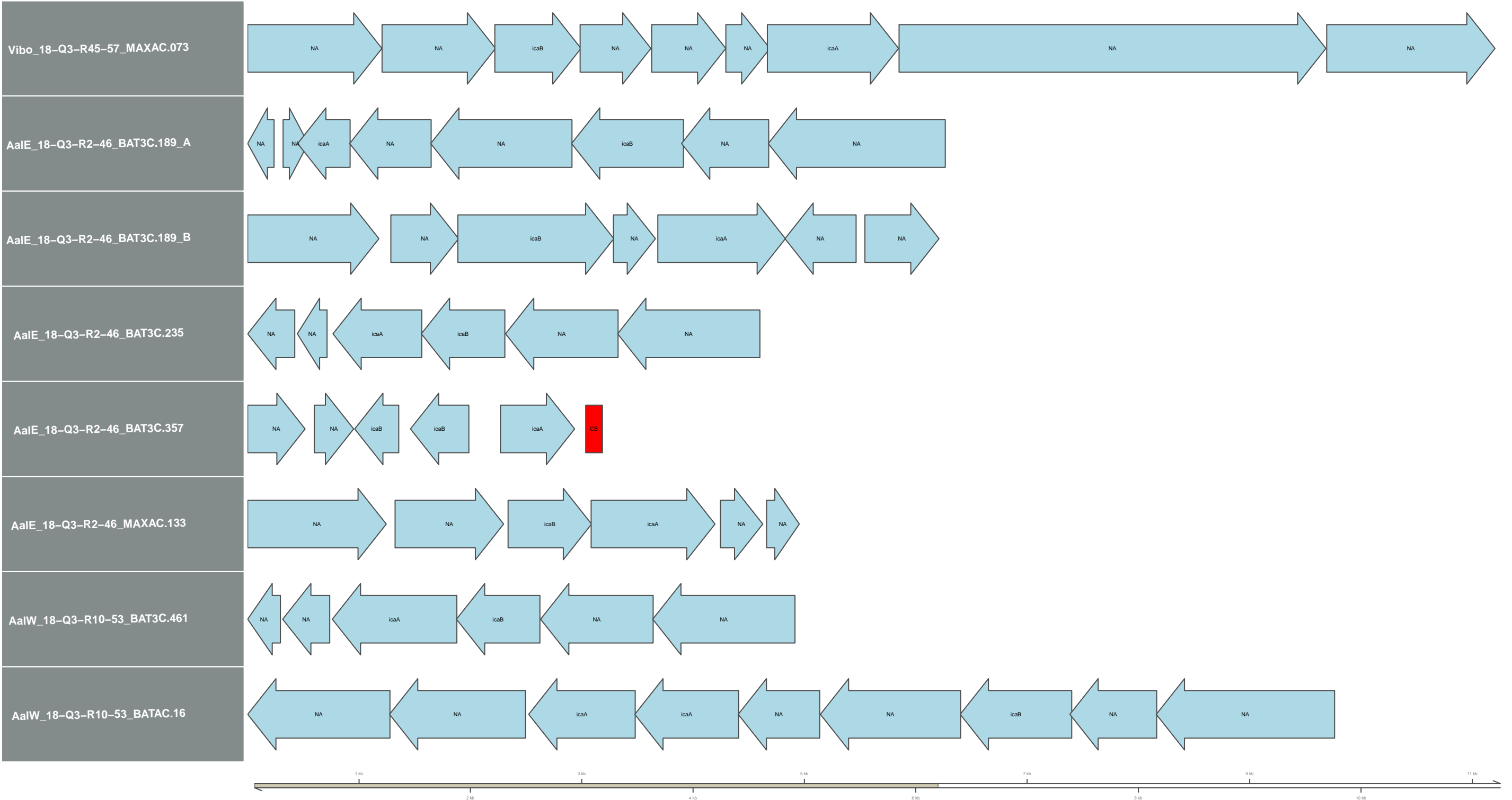
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Skiv_18-Q3-R9-52_BATAC.176
Skiv_18-Q3-R9-52_BATAC.251
Skiv_18-Q3-R9-52_BATAC.52
Skiv_18-Q3-R9-52_MAXAC.022
Skiv_18-Q3-R9-52_MAXAC.035



pnag_ica

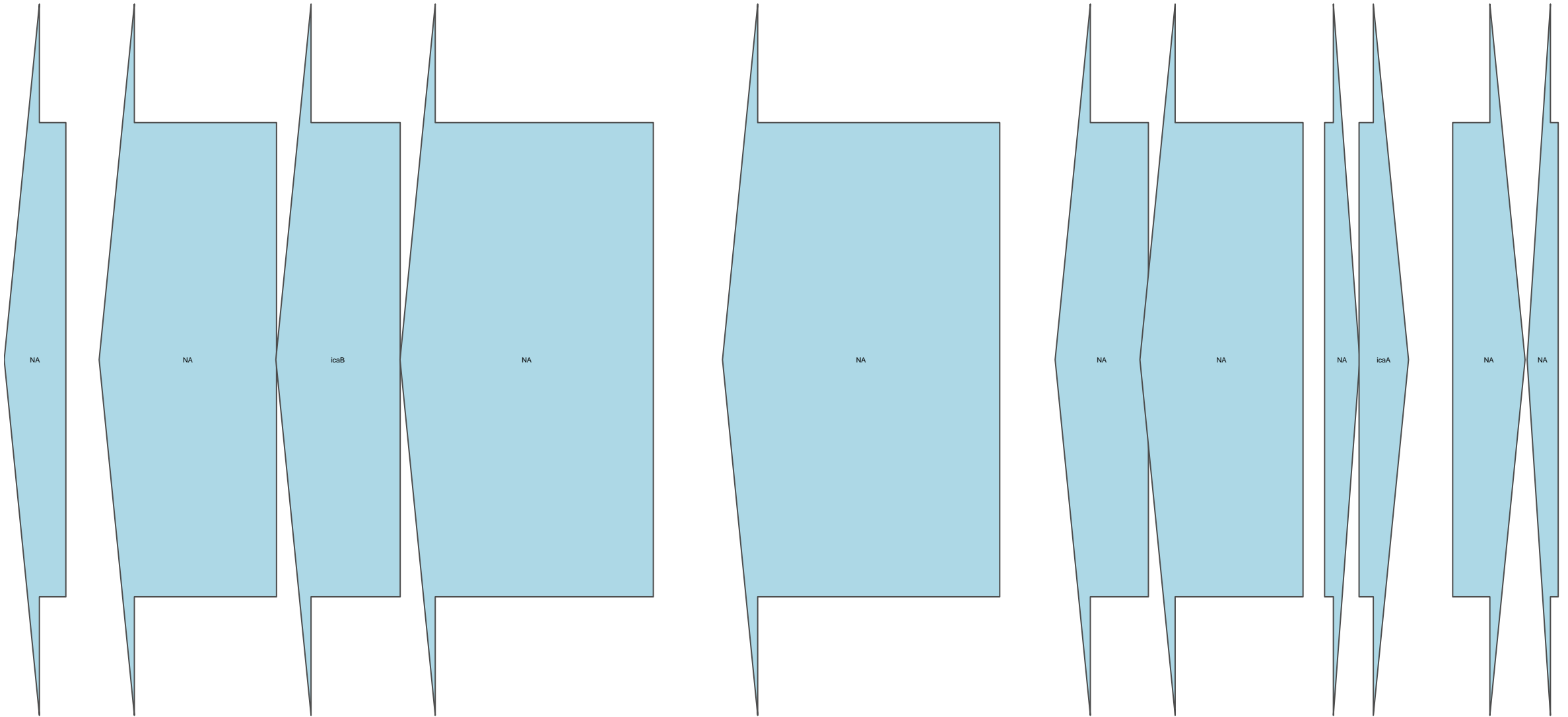


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AalW_18-Q3-R10-53_BATAC.41



44	Fred_18-Q3-R57-64_BAT3C.6	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig01546545-10-26760560	1940970	icaA	03447
45	Fred_18-Q3-R57-64_BAT3C.701	d__Bacteria;p__Myxococota;c__UBA9160;o__UBA9160;f__UBA4427;g__s__	tig00002470-10-11917410	468252	icaA	00429
46	Fred_18-Q3-R57-64_BATAC.299	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig00007168-10-4655090	183521	icaA	03070
47	Fred_18-Q3-R57-64_BATAC.480	d__Bacteria;p__Actinobacteriota;c__Actinobacteria;o__Actinomycetales;f__Kineosporiaceae;g__s__	tig01546779-10-5981460	169179	icaA	04772
48	Fred_18-Q3-R57-64_BATAC.644	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__UBA7239;g__UBA7239;s__	tig00000788-10-24304590	11682	icaA	00012
49	Fred_18-Q3-R57-64_BATAC.76	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__Gemmatimonadaceae;g__SCN-70-22;s__	tig00352672-10-3356390	211415	icaA	05060
50	Fred_18-Q3-R57-64_MAXAC.027	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Accumulibacter;s__	tig00351383-10-3762090	224662	icaA	03689
51	Fred_18-Q3-R57-64_MAXAC.287	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Competibacterales;f__Competibacteraceae;g__Competibacter;s__	tig01546643-10-5313960	370598	icaA	04345
52	Fred_18-Q3-R57-64_MAXAC.292	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__SZUA-140;f__SZUA-140;g__s__	tig00005391-10-5845880	381979	icaA	01770
53	Fred_18-Q3-R57-64_MAXAC.330_cin	d__Bacteria;p__Planctomycetota;c__Phycisphaerae;o__Phycisphaerales;f__SM1A02;g__UBA2402;s__	tig00000055-10-33509940	2629474	icaA	02159
54	Fred_18-Q3-R57-64_MAXAC.344	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Flavobacteriales;f__PHOS-HE28;g__PHOS-HE28;s__	tig00000591-10-23971360	2244321	icaA	01902
55	Fred_18-Q3-R57-64_MAXAC.370	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Chitinophagales;f__Saprospiraceae;g__s__	tig00019043-10-1078140	45679	icaA	03671
56	Fred_18-Q3-R57-64_MAXAC.379	d__Bacteria;p__Cyanobacteria;c__Vampirovibrionia;o__Vampirovibrionales;f__Vampirovibrionaceae;g__s__	tig00350858-10-25518060	1871919	icaA	02037
57	Hade_18-Q3-R52-61_BAT3C.141	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Chitinophagales;f__Saprospiraceae;g__UBA3362;s__	tig00406178-10-51613330	1539372	icaA	01293
58	Hade_18-Q3-R52-61_BATAC.14	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__UBA7239;g__UBA7239;s__UBA7239 sp002333095	tig00035928-10-409280	30139	icaA	02495
59	Hade_18-Q3-R52-61_BATAC.255	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Flavobacteriales;f__PHOS-HE28;g__PHOS-HE28;s__	tig00015650-10-654040	7632	icaA	00686
60	Hade_18-Q3-R52-61_BATAC.287	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__g__s__	tig00002277-10-6540280	132979	icaA	00684
61	Hade_18-Q3-R52-61_BATAC.311	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__Moraxellaceae;g__Agitococcus;s__Agitococcus sp002333125	tig00046256-10-410070	4441	icaA	01479
62	Hade_18-Q3-R52-61_BATAC.316	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__s__	tig00000808-10-11321960	928929	icaA	00828
63	Hade_18-Q3-R52-61_BATAC.452	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__UKL13-2;g__FEB-7;s__	tig00000768-10-11872970	1013006	icaA	02975
64	Hade_18-Q3-R52-61_BATAC.726	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Accumulibacter;s__	tig00035480-10-796120	17742	icaA	02527
65	Hade_18-Q3-R52-61_MAXAC.023	d__Bacteria;p__Nitrospirota;c__Nitrospira;o__Nitrospirales;f__Nitrospiraceae;g__Nitrospira_A;s__Nitrospira_A sp900170025	tig01675009-10-1773000	107829	icaA	04313
66	Hade_18-Q3-R52-61_MAXAC.042	d__Bacteria;p__Chloroflexota;c__Anaerolineae;o__Anaerolineales;f__envOPS12;g__OLB14;s__	tig00407603-10-1232450	96508	icaA	03299
67	Hirt_18-Q3-R61-65_BATAC.72	d__Bacteria;p__Bacteroidota;c__Ignavibacteria;o__SJA-28;f__B-1AR;g__UBA2330;s__	tig00007568-10-3761280	329483	icaA	02469
68	Hirt_18-Q3-R61-65_MAXAC.111	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig01347732-10-21894770	274735	icaA	02520
69	Hirt_18-Q3-R61-65_MAXAC.229	d__Bacteria;p__Myxococota;c__Polyangia;o__Haliangiales;f__Haliangiaceae;g__s__	tig00008943-10-2562490	92955	icaA	03778
70	Hirt_18-Q3-R61-65_MAXAC.366	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Flavobacteriales;f__PHOS-HE28;g__PHOS-HE28;s__	tig00005620-10-4484140	303865	icaA	03171
71	Hjor_18-Q3-R7-51_BATAC.2	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Competibacterales;f__Competibacteraceae;g__Contendobacter;s__Contendobacter odensis	tig00001945-10-6504960	81531	icaA	00228
72	Hjor_18-Q3-R7-51_BATAC.80	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Palsa-1005;g__PALSA-1005;s__	tig00005902-10-1512760	6428	icaA	02681
73	Hjor_18-Q3-R7-51_MAXAC.072	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Propionivibrio;s__	tig00004100-10-2635310	248481	icaA	00747
74	Kalu_18-Q3-R12-55_BAT3C.130	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Flavobacteriales;f__PHOS-HE28;g__PHOS-HE28;s__	tig00000285-10-36554120	3098291	icaA	02525
75	Kalu_18-Q3-R12-55_BAT3C.140	d__Bacteria;p__Planctomycetota;c__Phycisphaerae;o__UBA1845;f__Fen-1342;g__Fen-1342;s__	tig00000016-10-42368670	2451659	icaA	01969
76	Kalu_18-Q3-R12-55_BAT3C.208	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__SZUA-140;f__SZUA-140;g__s__	tig00000943-10-15208620	284338	icaA	00281
77	Kalu_18-Q3-R12-55_BAT3C.355	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__Pyrinomonadaceae;g__OLB17;s__OLB17 sp002333435	tig00100729-10-33526130	72838	icaA	00446
78	Kalu_18-Q3-R12-55_BATAC.81	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__UBA5518;g__UBA5518;s__	tig00006239-10-856360	22142	icaA	02747
79	Kalu_18-Q3-R12-55_MAXAC.052_cin	d__Bacteria;p__Patescibacteria;c__Saccharimonadia;o__UBA4664;f__g__s__	tig00000614-10-9151600	445091	icaA	00423
80	Kalu_18-Q3-R12-55_MAXAC.082	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__AKYH767;f__b-17BO;g__s__	tig00000265-10-469080	32782	icaA	00037
81	Kalu_18-Q3-R12-55_MAXAC.123	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__g__s__	tig00002634-10-3925280	237623	icaA	01890
82	Kalu_18-Q3-R12-55_MAXAC.185_cin	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__Pyrinomonadaceae;g__s__	tig00000010-10-44899860	420258	icaA	00349
83	Kalu_18-Q3-R12-55_MAXAC.198_cin	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__g__s__	tig00000005-10-63322080	2159207	icaA	01617
84	Lyne_18-Q3-R50-59_BAT3C.242	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Steroidobacteriales;f__Steroidobacteraceae;g__ZC4RG30;s__	tig01430999-10-570350	39824	icaA	03870
85	Lyne_18-Q3-R50-59_BATAC.420	d__Bacteria;p__Actinobacteriota;c__Actinobacteria;o__Actinomycetales;f__Dermatophilaceae;g__Austwickia;s__	tig00000369-10-34189540	2022188	icaA	01843
86	Lyne_18-Q3-R50-59_MAXAC.025	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Chitinophagales;f__g__s__	tig01437854-10-1574220	56318	icaA	03588
87	Lyne_18-Q3-R50-59_MAXAC.102	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__Gemmatimonadaceae;g__SCN-70-22;s__	tig00003330-10-7903560	278185	icaA	01509
88	Lyne_18-Q3-R50-59_MAXAC.253	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Chitinophagales;f__LD1;g__Bog-950;s__	tig00021339-10-1260610	65025	icaA	01702