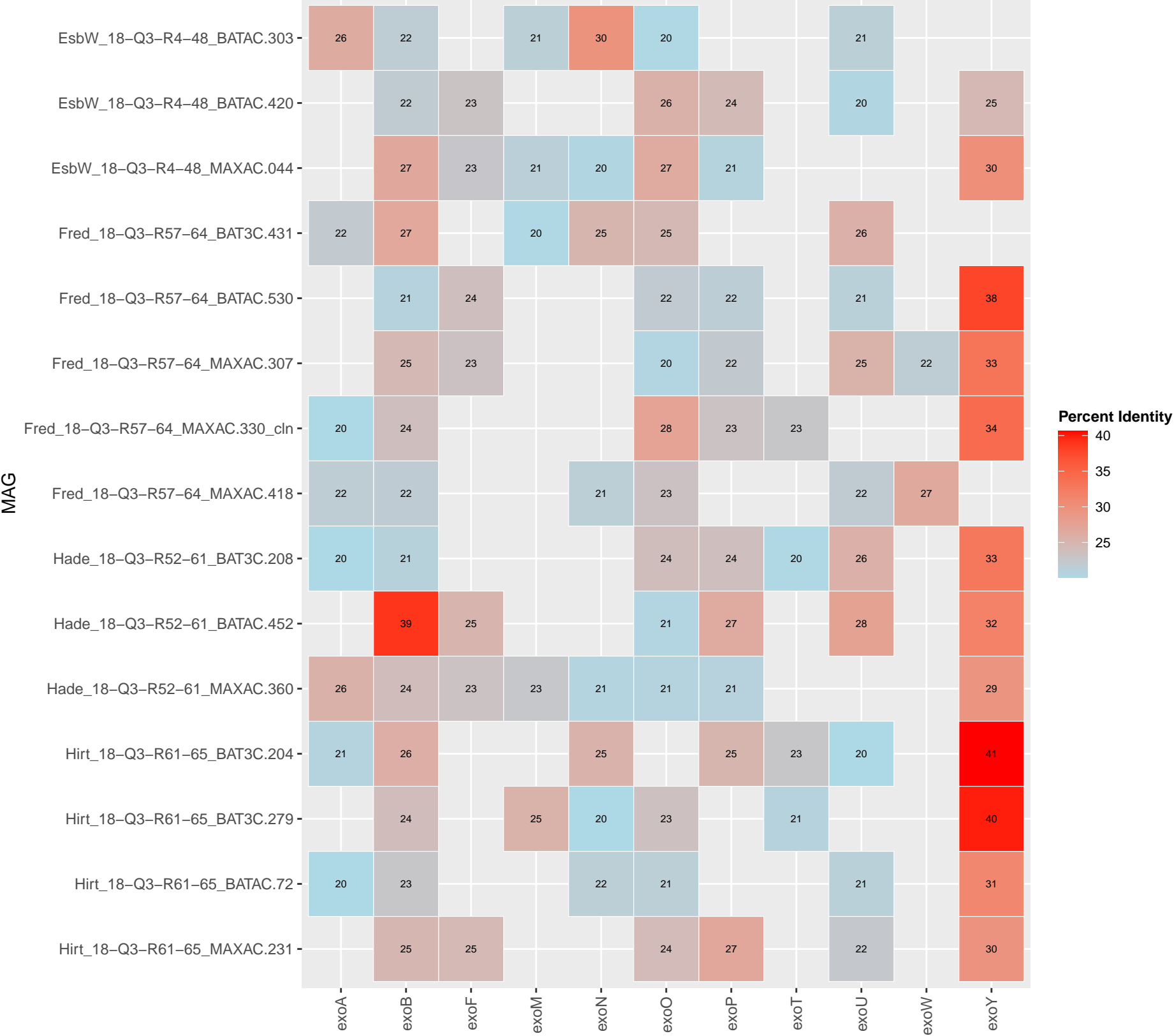
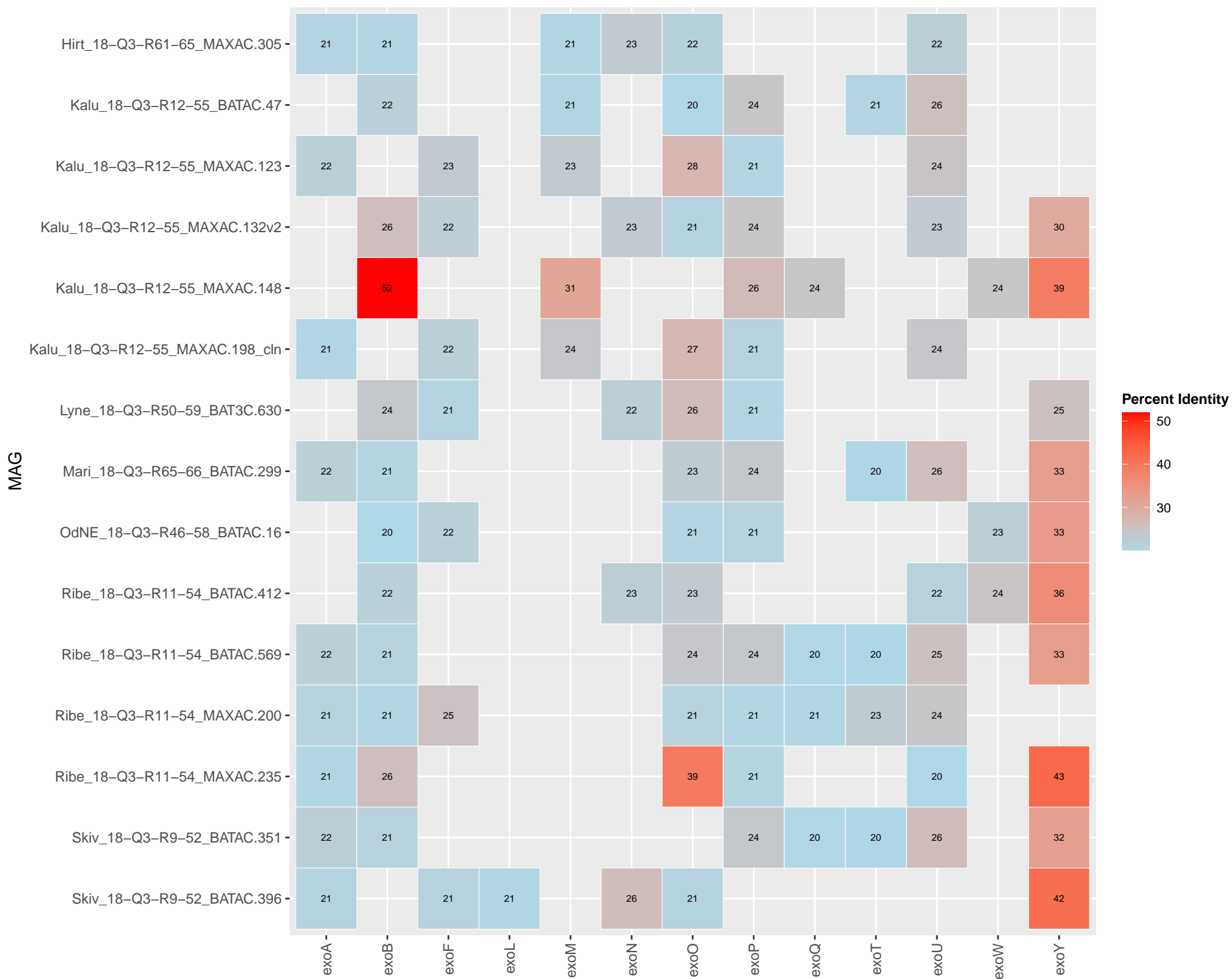


succinoglycan Heatmap

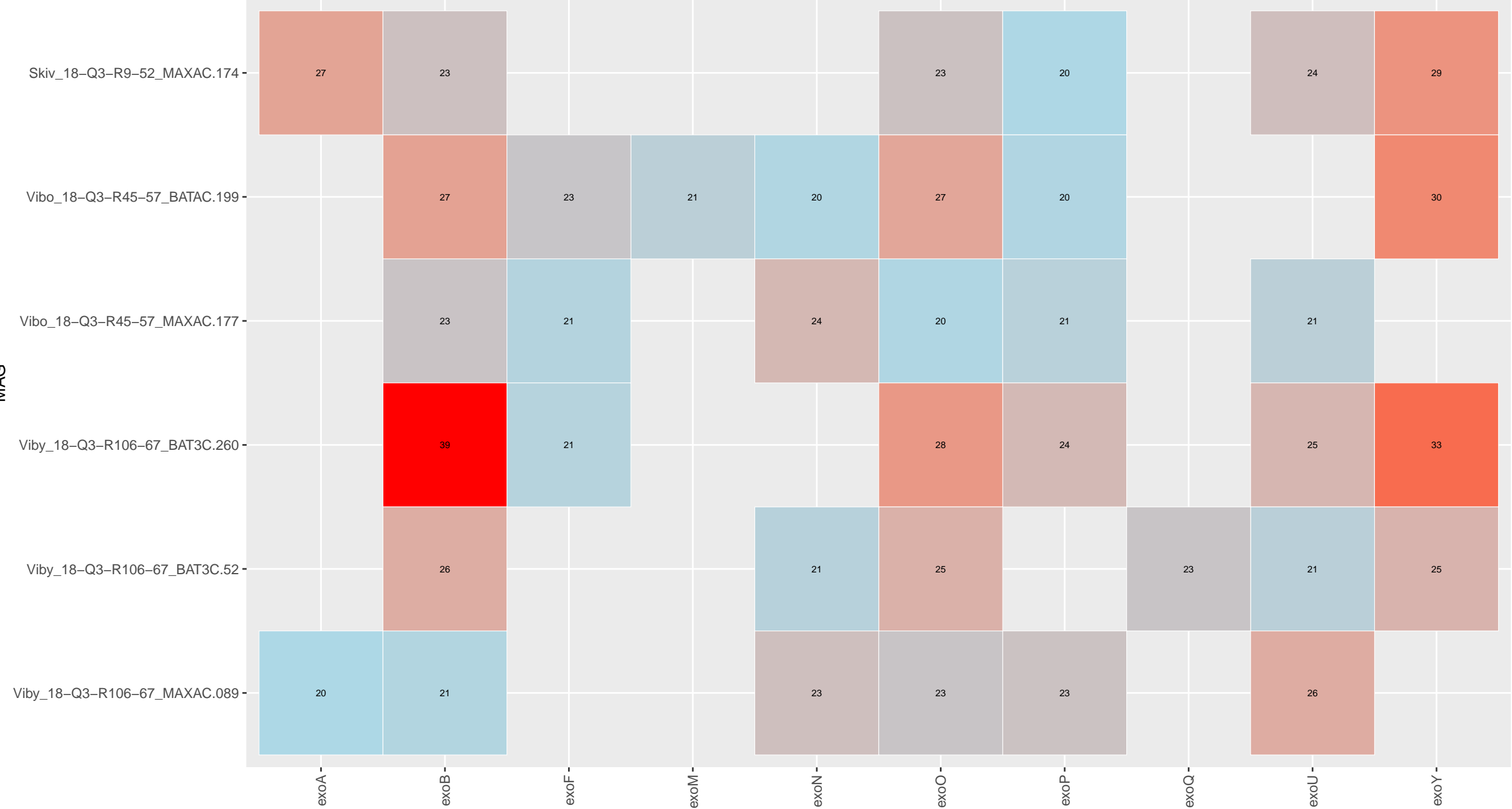


succinoglycan Heatmap

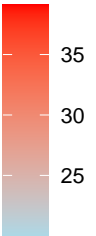


succinoglycan Heatmap

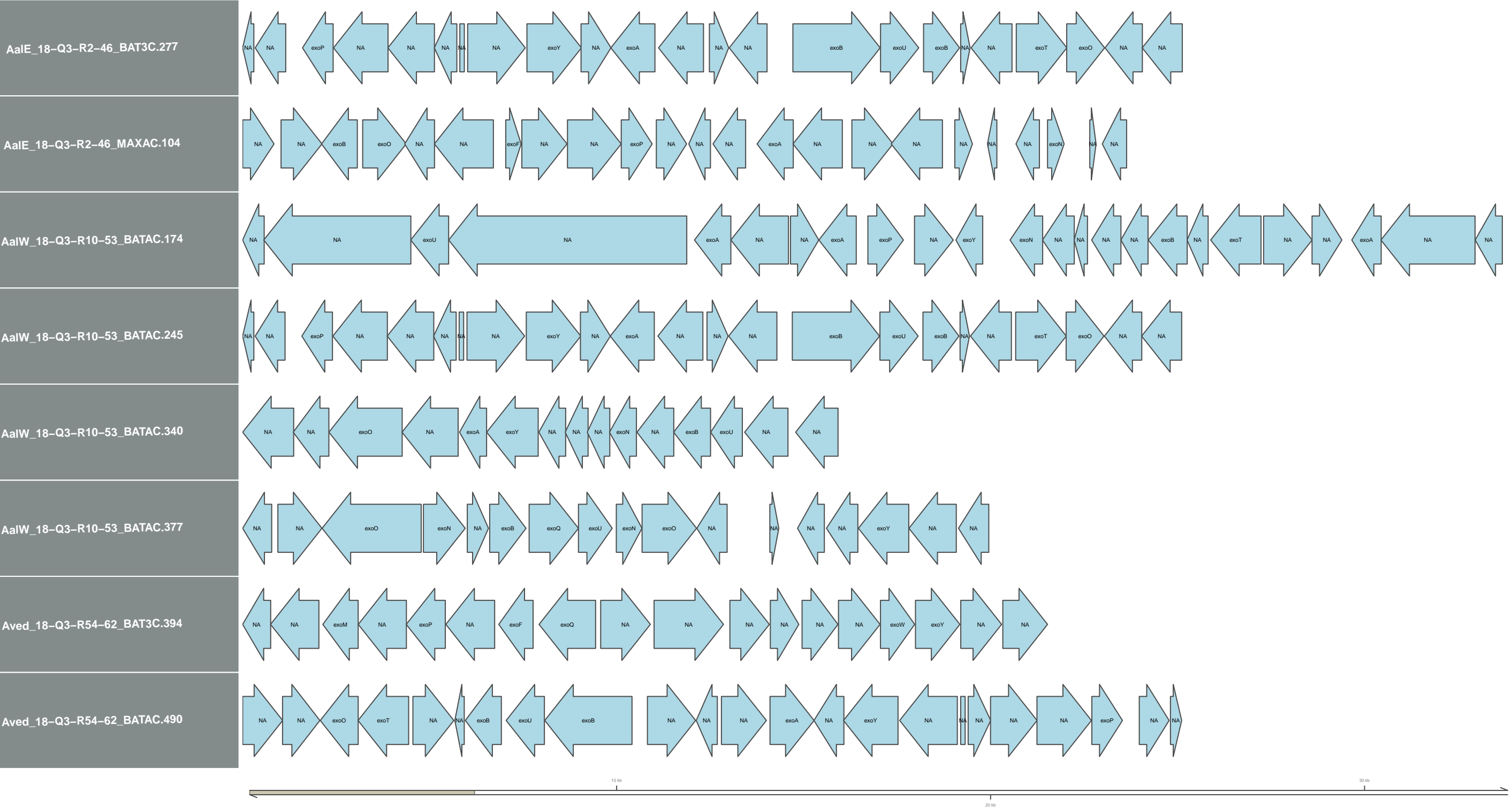
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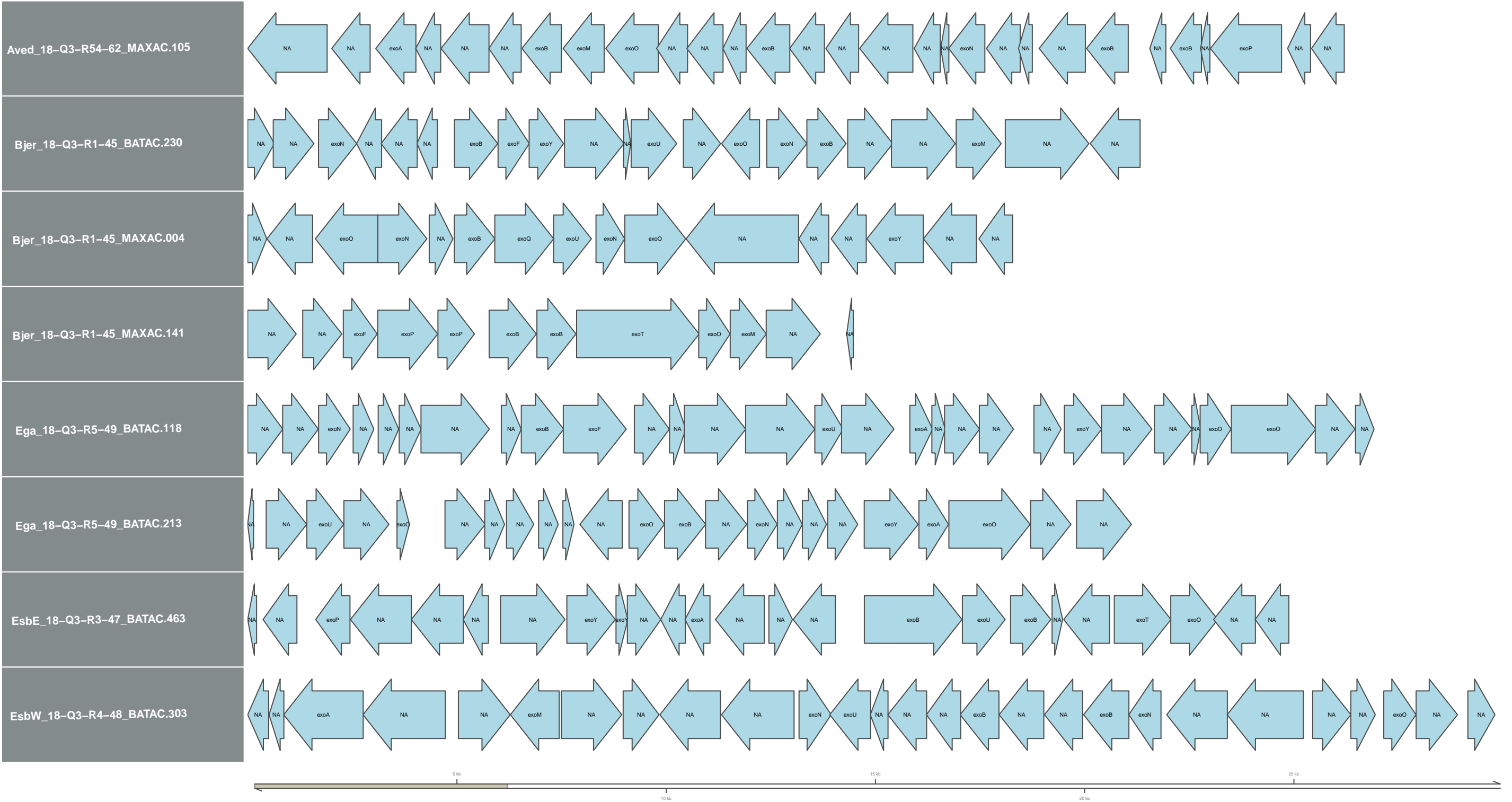
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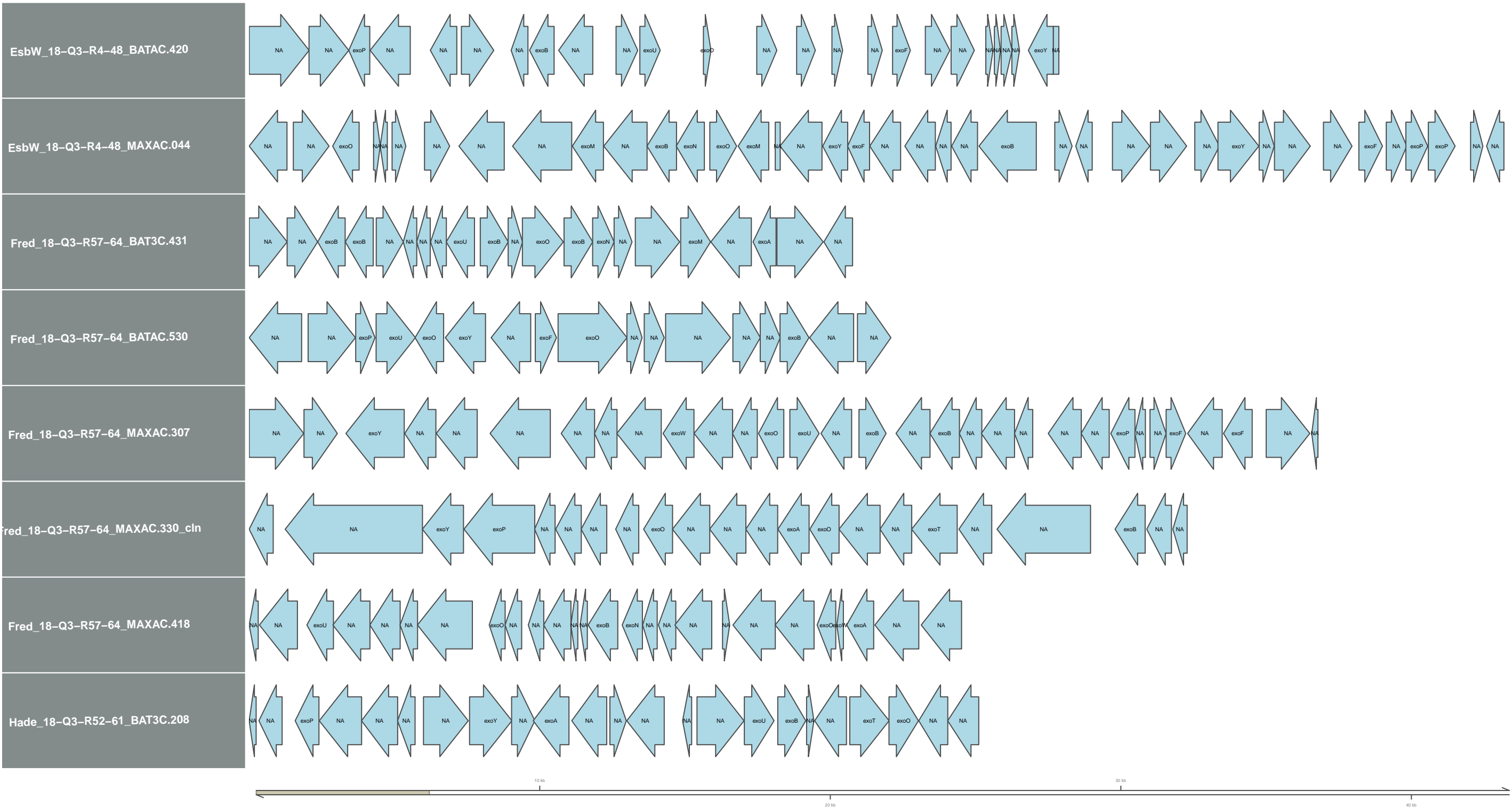
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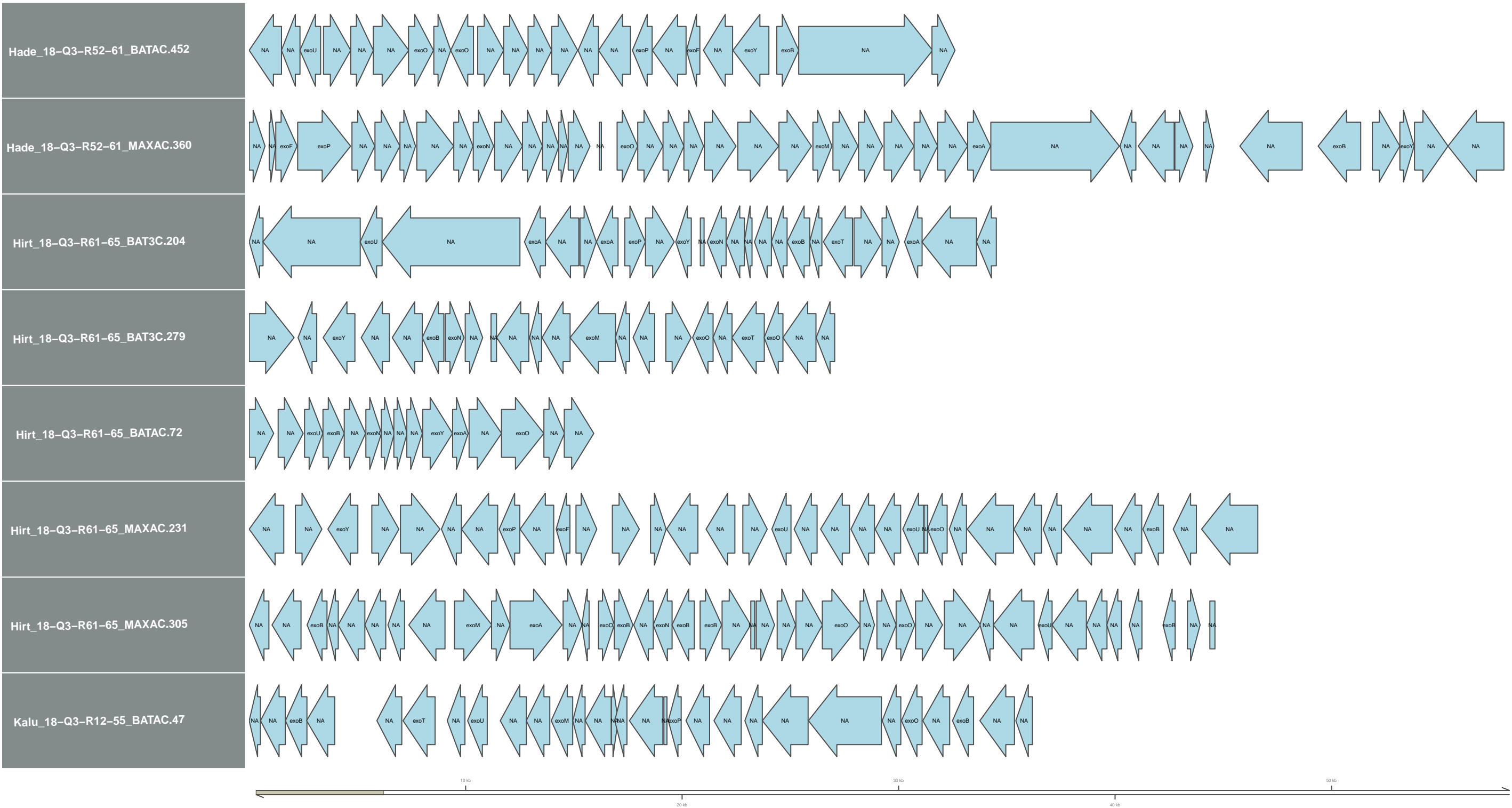
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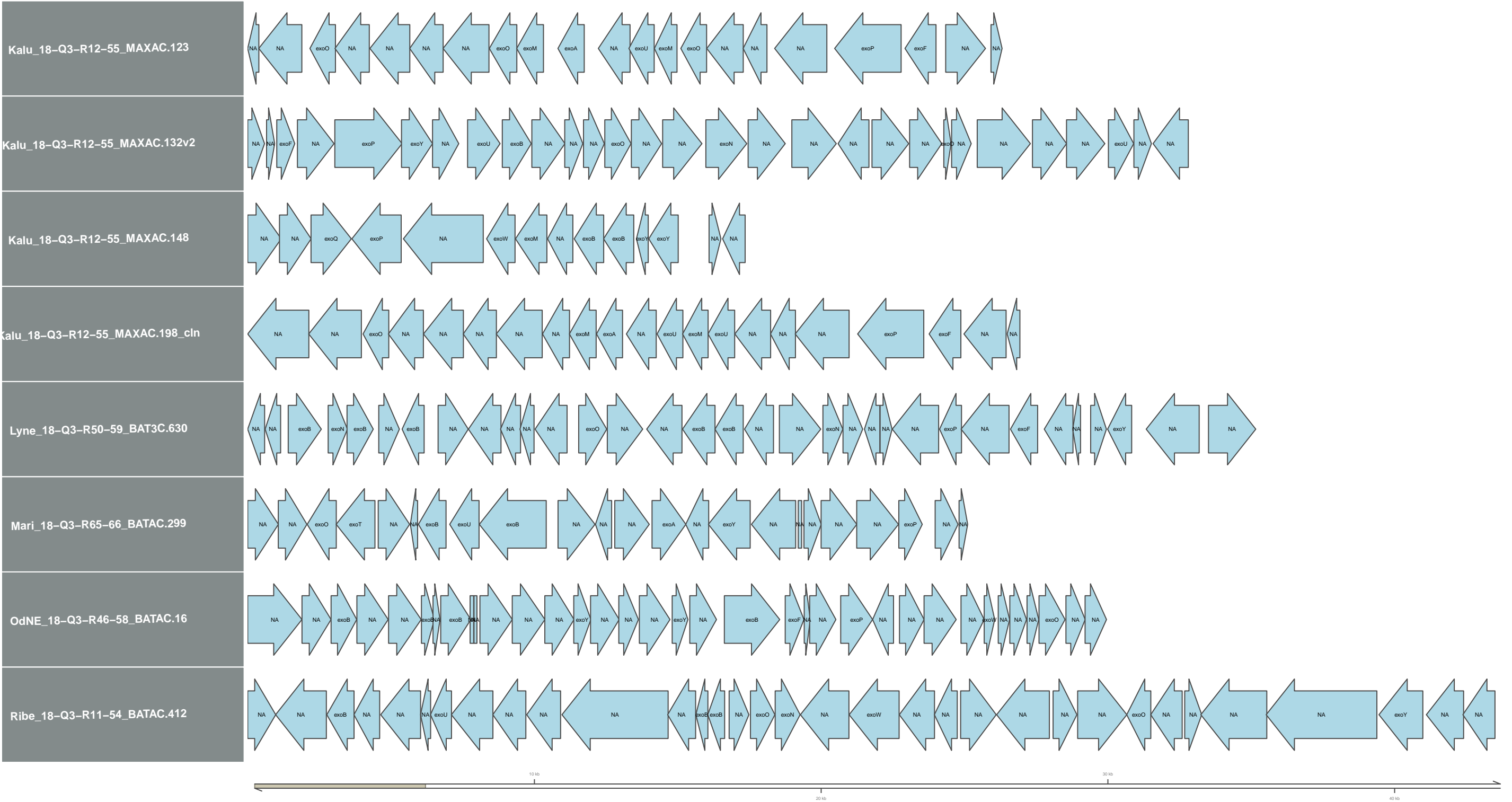
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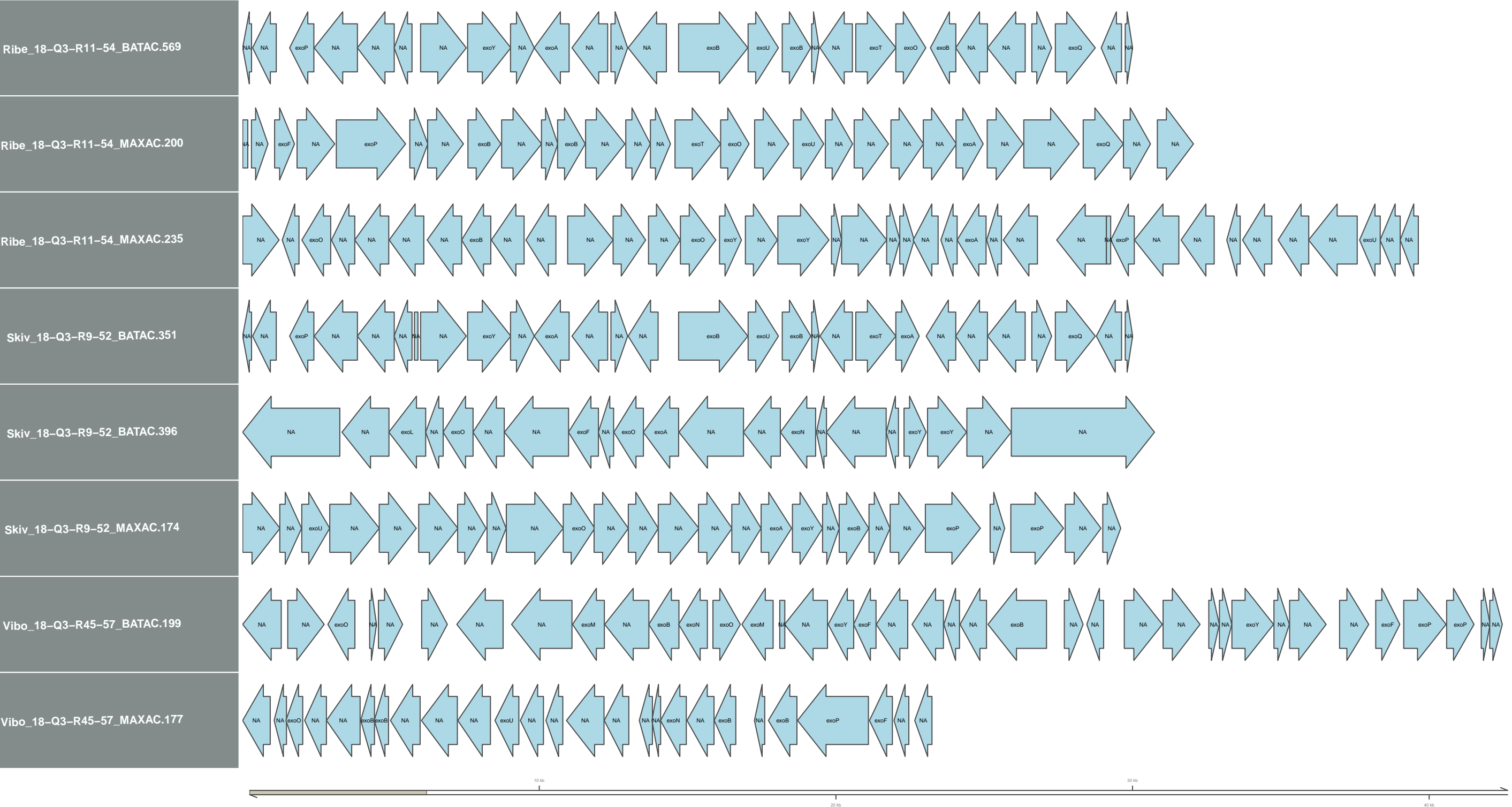
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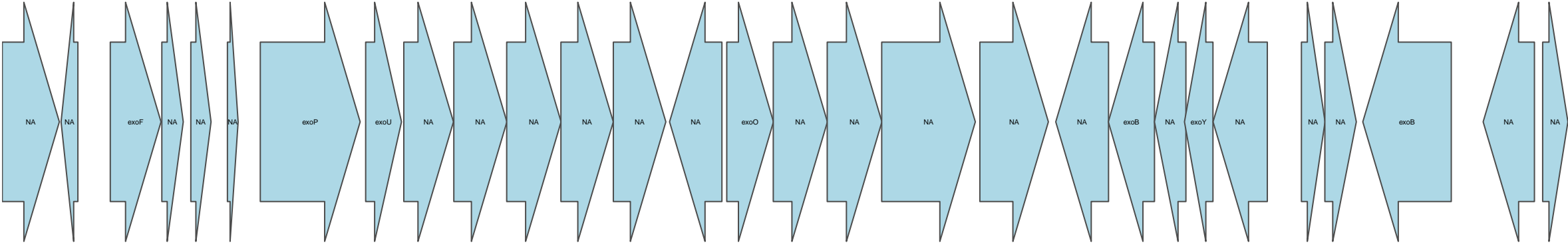


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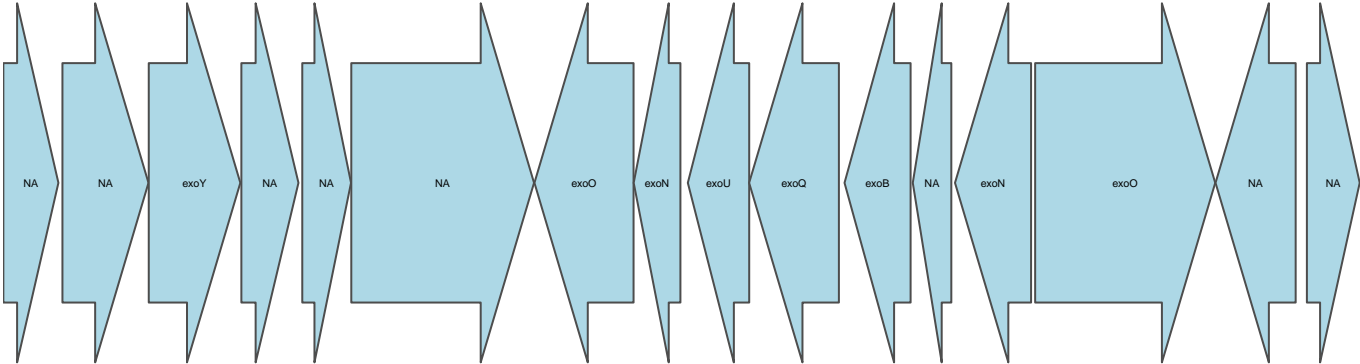


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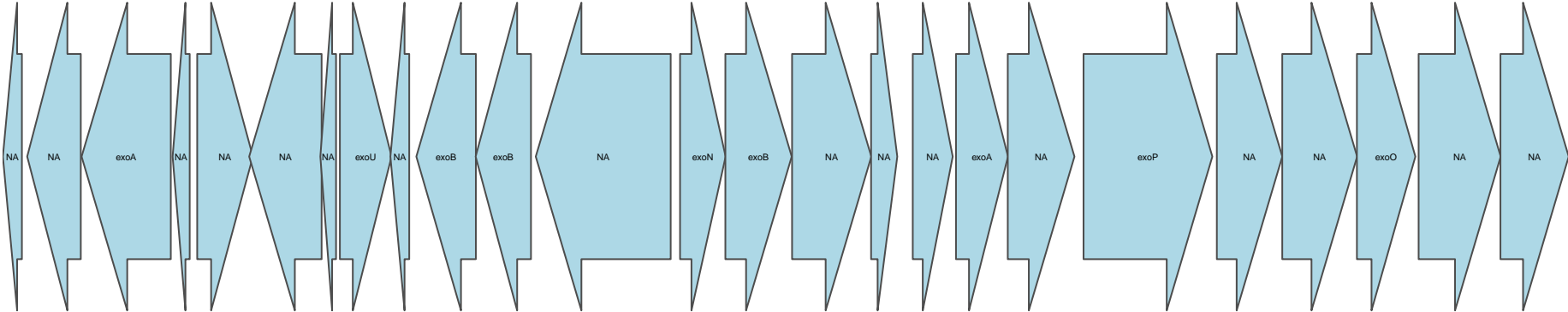
Viby_18-Q3-R106-67_BAT3C.260



Viby_18-Q3-R106-67_BAT3C.52



Viby_18-Q3-R106-67_MAXAC.089



3	AalW_18-Q3-R10-53_BATAC.174	d__Bacteria;p__Proteobacteria;c__Rhodobacterae;f__Rhodobacter_E;s__	tig00006255-10-4666680	192771	exoA	00814
4	AalW_18-Q3-R10-53_BATAC.245	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__UBA1936;s__	tig01697704-10-12945580	680808	exoA	02970
5	AalW_18-Q3-R10-53_BATAC.340	d__Bacteria;p__Bacteroidota;c__Ignavibacteria;o__SJA-28;f__B-1AR;g__s__	tig00005253-10-6246180	142494	exoA	00121
6	AalW_18-Q3-R10-53_BATAC.377	d__Bacteria;p__Actinobacteriota;c__Acidimicrobia;o__Microtrichales;f__Microtrichaceae;g__Microthrix;Microthrix parvicella	tig00001645-10-8295780	325352	exoB	00298
7	Aved_18-Q3-R54-62_BAT3C.394	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Burkholderiaceae;g__PHCI01;s__	tig00006722-10-5174190	407210	exoF	00895
8	Aved_18-Q3-R54-62_BATAC.490	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__UBA1936;s__	tig00373198-10-16596610	603961	exoA	02141
9	Aved_18-Q3-R54-62_MAXAC.105	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Chitinophagales;f__Chitinophagaceae;g__JJ008;s__	tig00005322-10-6493790	202244	exoA	03719
10	Bjer_18-Q3-R1-45_BATAC.230	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__UKL13-2;g__FEB-7;s__	tig000009630-10-1594380	74297	exoB	02872
11	Bjer_18-Q3-R1-45_MAXAC.004	d__Bacteria;p__Actinobacteriota;c__Acidimicrobia;o__Microtrichales;f__Microtrichaceae;g__Microthrix;Microthrix parvicella	tig00001276-10-1080800	17069	exoB	01710
12	Bjer_18-Q3-R1-45_MAXAC.141	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Burkholderiaceae;g__Rhodoferrax;s__	tig00007500-10-375860	15584	exoB	02648
13	Ega_18-Q3-R5-49_BATAC.118	d__Bacteria;p__Bacteroidota;c__UBA10030;o__UBA10030;f__UBA6906;g__s__	tig00000655-10-8431380	445130	exoA	00373
14	Ega_18-Q3-R5-49_BATAC.213	d__Bacteria;p__Bacteroidota;c__Ignavibacteria;o__SJA-28;f__B-1AR;g__UBA2330;s__	tig00001507-10-3777870	31514	exoA	00631
15	EsbE_18-Q3-R3-47_BATAC.463	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__UBA1936;s__	tig00004449-10-2095470	175532	exoA	00749
16	EsbW_18-Q3-R4-48_BATAC.303	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__UKL13-2;g__FEB-7;s__	tig00005920-10-4953880	466076	exoA	01920
17	EsbW_18-Q3-R4-48_BATAC.420	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__UBA5518;g__UBA5518;s__UBA5518 sp002396625	tig00000538-10-9280820	910395	exoB	00832
18	EsbW_18-Q3-R4-48_MAXAC.044	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Propionivibrio;s__	tig00033796-10-615360	34360	exoB	03350
19	Fred_18-Q3-R57-64_BAT3C.431	d__Archaea;p__Iainarchaeota;c__Iainarchaeia;o__f__g__s__	tig00000848-10-10480140	531808	exoA	00590
20	Fred_18-Q3-R57-64_BATAC.530	d__Bacteria;p__Planctomycetota;c__UBA1135;o__UBA2386;f__UBA2386;g__s__	tig00002018-10-12358610	429026	exoB	00341
21	Fred_18-Q3-R57-64_MAXAC.307	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales_A;f__2-12-FULL-67-15;g__s__	tig00002301-10-12040470	30377	exoB	02427
22	Fred_18-Q3-R57-64_MAXAC.330_cln	d__Bacteria;p__Planctomycetota;c__Phycisphaerae;o__Phycisphaerales;f__SM1A02;g__UBA2402;s__	tig00000055-10-33509940	2634095	exoA	02163
23	Fred_18-Q3-R57-64_MAXAC.418	d__Bacteria;p__Planctomycetota;c__Phycisphaerae;o__UBA1845;f__UTPLA1;g__UTPLA1;s__	tig00010737-10-2712970	148466	exoA	00721
24	Hade_18-Q3-R52-61_BAT3C.208	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__UBA1936;s__	tig00011908-10-1495380	100367	exoA	01707
25	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	1028071	exoB	02987
26	Hade_18-Q3-R52-61_MAXAC.360	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__Pyrinomonadaceae;g__OLB17;s__	tig00000009-10-41445700	2075127	exoA	01740
27	Hirt_18-Q3-R61-65_BAT3C.204	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodobacterales;f__Rhodobacteraceae;g__Rhodobacter_E;s__	tig00317261-10-8095540	432468	exoA	02789
28	Hirt_18-Q3-R61-65_BAT3C.279	d__Bacteria;p__Actinobacteriota;c__Actinobacteria;o__Propionibacteriales;f__Propionibacteriaceae;g__Micropruina;s__	tig00004475-10-5985650	528511	exoB	03542
29	Hirt_18-Q3-R61-65_BATAC.72	d__Bacteria;p__Bacteroidota;c__Ignavibacteria;o__SJA-28;f__B-1AR;g__UBA2330;s__	tig00001530-10-13738940	1253794	exoA	01148
30	Hirt_18-Q3-R61-65_MAXAC.231	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__s__	tig00000003-10-42710140	1916783	exoB	01732
31	Hirt_18-Q3-R61-65_MAXAC.305	d__Bacteria;p__Bdellovibrionota;c__Bdellovibrionia;o__Bdellovibrionales;f__UBA1609;g__s__	tig00316322-10-14895540	470547	exoA	02145
32	Kalu_18-Q3-R12-55_BATAC.47	d__Bacteria;p__Chloroflexota;c__Anaerolineae;o__Promineofilales;f__Promineofilaceae;g__GCA-2746795;s__	tig00005364-10-1962320	177173	exoB	04585
33	Kalu_18-Q3-R12-55_MAXAC.123	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__g__s__	tig00002532-10-4929450	161505	exoA	00967
34	Kalu_18-Q3-R12-55_MAXAC.132v2	d__Bacteria;p__Nitrospirota;c__Nitrospiria;o__Nitrospirales;f__Nitrospiraceae;g__Nitrospira;s__	tig00001930-10-7323120	314090	exoB	01623
35	Kalu_18-Q3-R12-55_MAXAC.148	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Rhodospirillales_A;f__2-12-FULL-67-15;g__s__	tig00002375-10-5189380	172715	exoB	00819
36	Kalu_18-Q3-R12-55_MAXAC.198_cln	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__g__s__	tig00000005-10-63322080	3306089	exoA	02552
37	Lyne_18-Q3-R50-59_BAT3C.630	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Ga0077536;f__Ga0077536;g__s__	tig00011870-10-2387850	23401	exoB	02650
38	Mari_18-Q3-R65-66_BATAC.299	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__UBA1936;s__	tig00869144-10-6422420	423088	exoA	02513
39	OdNE_18-Q3-R46-58_BATAC.16	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Flavobacteriales;f__Flavobacteriaceae;g__Flavobacterium;s__	tig00004974-10-2765880	29729	exoB	00728
40	Ribe_18-Q3-R11-54_BATAC.412	d__Bacteria;p__Actinobacteriota;c__Actinobacteria;o__Nanopelagiales;f__S36-B12;g__UBA10649;s__	tig00001979-10-5826140	256925	exoB	01123
41	Ribe_18-Q3-R11-54_BATAC.569	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__UBA1936;s__	tig01084768-10-3860630	334067	exoA	03109
42	Ribe_18-Q3-R11-54_MAXAC.200	d__Bacteria;p__Nitrospirota;c__Nitrospiria;o__Nitrospirales;f__Nitrospiraceae;g__Nitrospira;s__Nitrospira sp002254365	tig00277293-10-36755620	3517703	exoA	03591
43	Ribe_18-Q3-R11-54_MAXAC.235	d__Bacteria;p__Chloroflexota;c__Chloroflexia;o__Chloroflexales;f__Roselliflexaceae;g__Kouleothrix;s__	tig00000009-10-56372800	574899	exoA	00444
44	Skiv_18-Q3-R9-52_BATAC.351	d__Bacteria;p__Proteobacteria;c__Alphaproteobacteria;o__Sphingomonadales;f__Sphingomonadaceae;g__UBA1936;s__	tig00287756-10-1221250	100017	exoA	03437
45	Skiv_18-Q3-R9-52_BATAC.396	d__Bacteria;p__Acidobacteriota;c__Acidobacteriae;o__Bryobacterales;f__Bryobacteraceae;g__UBA690;s__	tig00003208-10-5214800	254160	exoA	01757
46	Skiv_18-Q3-R9-52_MAXAC.174	d__Bacteria;p__Chloroflexota;c__Anaerolineae;o__Anaerolineales;f__envOPS12;g__UBA12294;s__	tig00000002-10-49810230	2619920	exoA	02452
47	Vibo_18-Q3-R45-57_BATAC.199	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Propionivibrio;s__	tig00008044-10-802880	52754	exoB	01877
48	Vibo_18-Q3-R45-57_MAXAC.177	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Chitinophagales;f__Chitinophagaceae;g__JJ008;s__	tig00001648-10-5476630	259218	exoB	01175