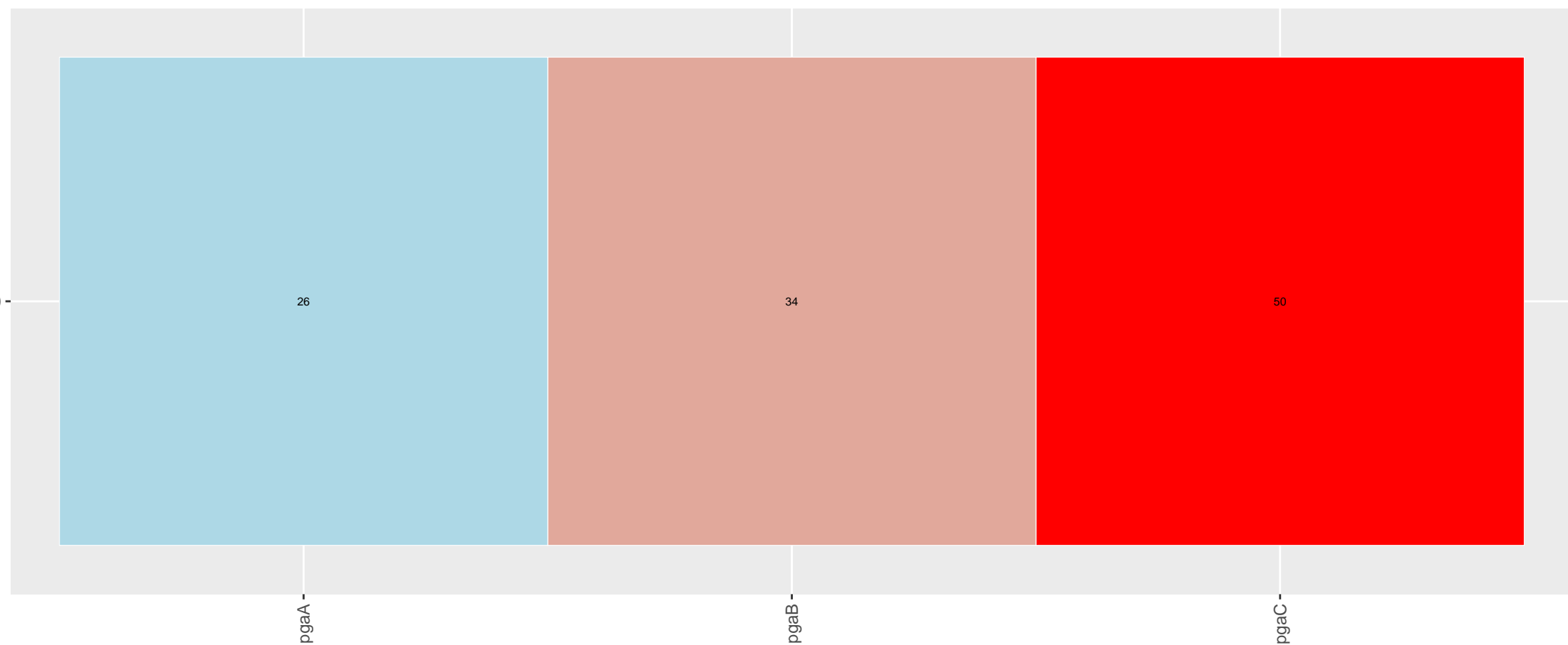


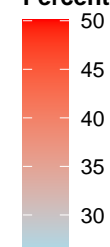
MAG

Vibo_18-Q3-R45-57_BATAC.199

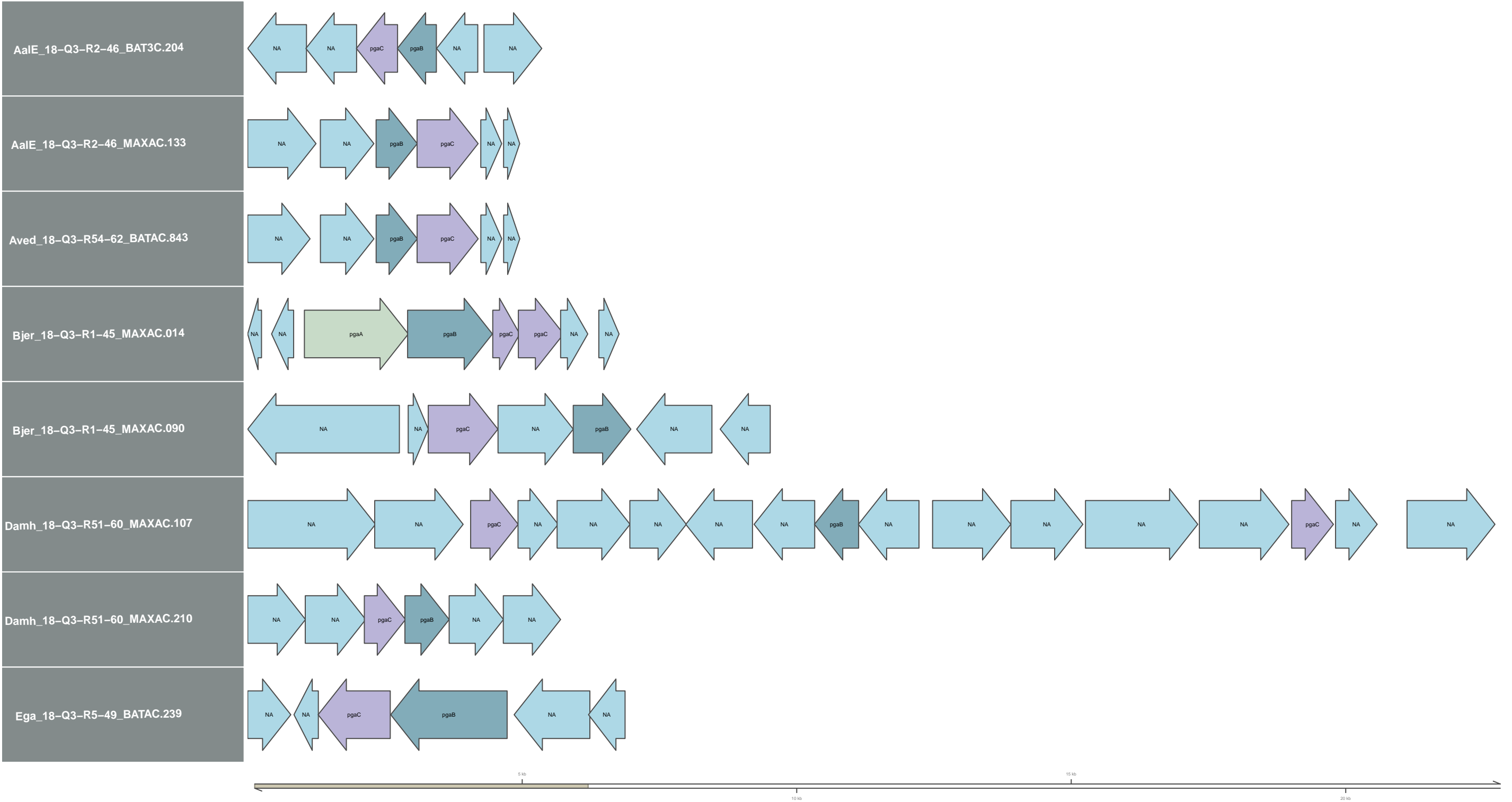
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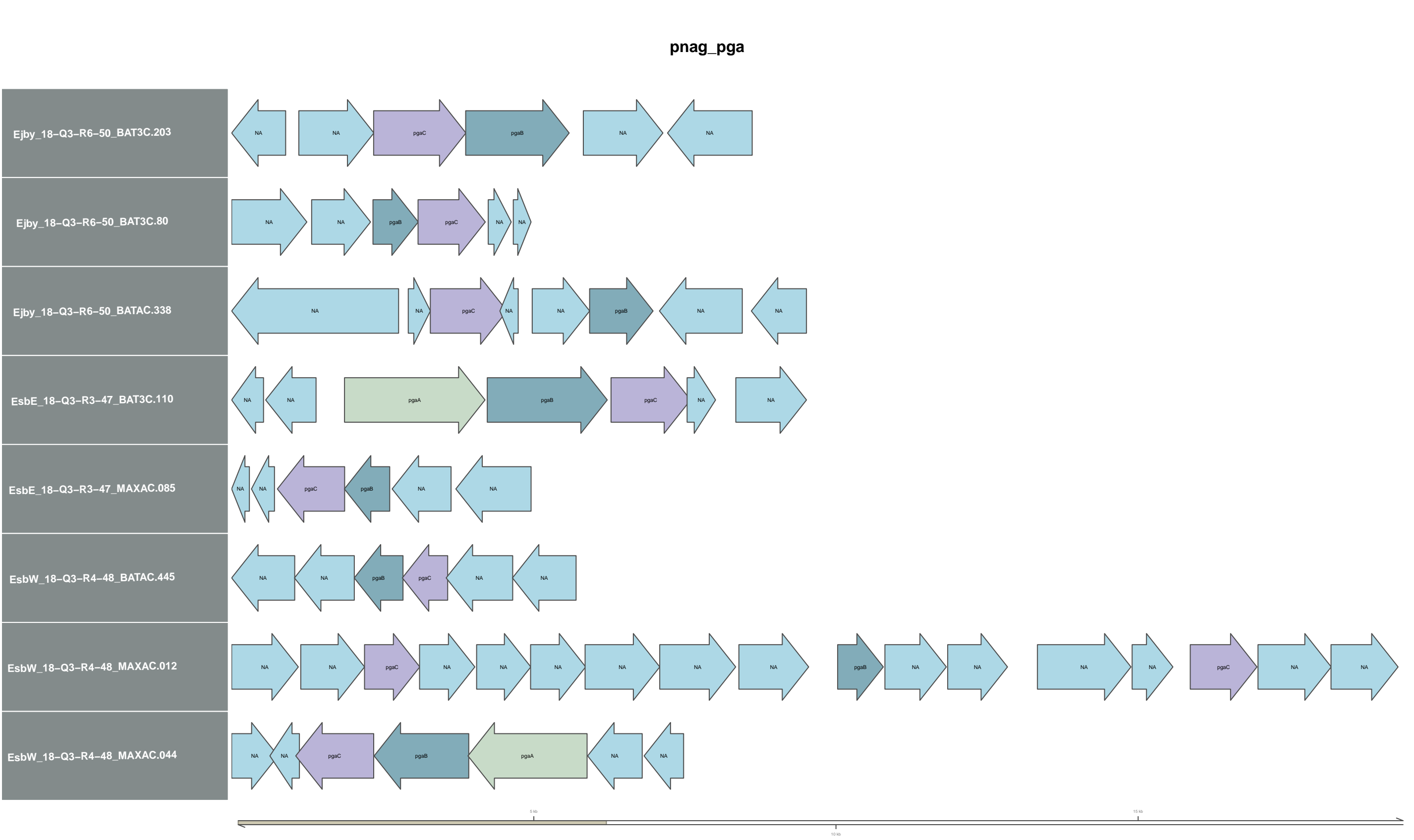


Percent Identity

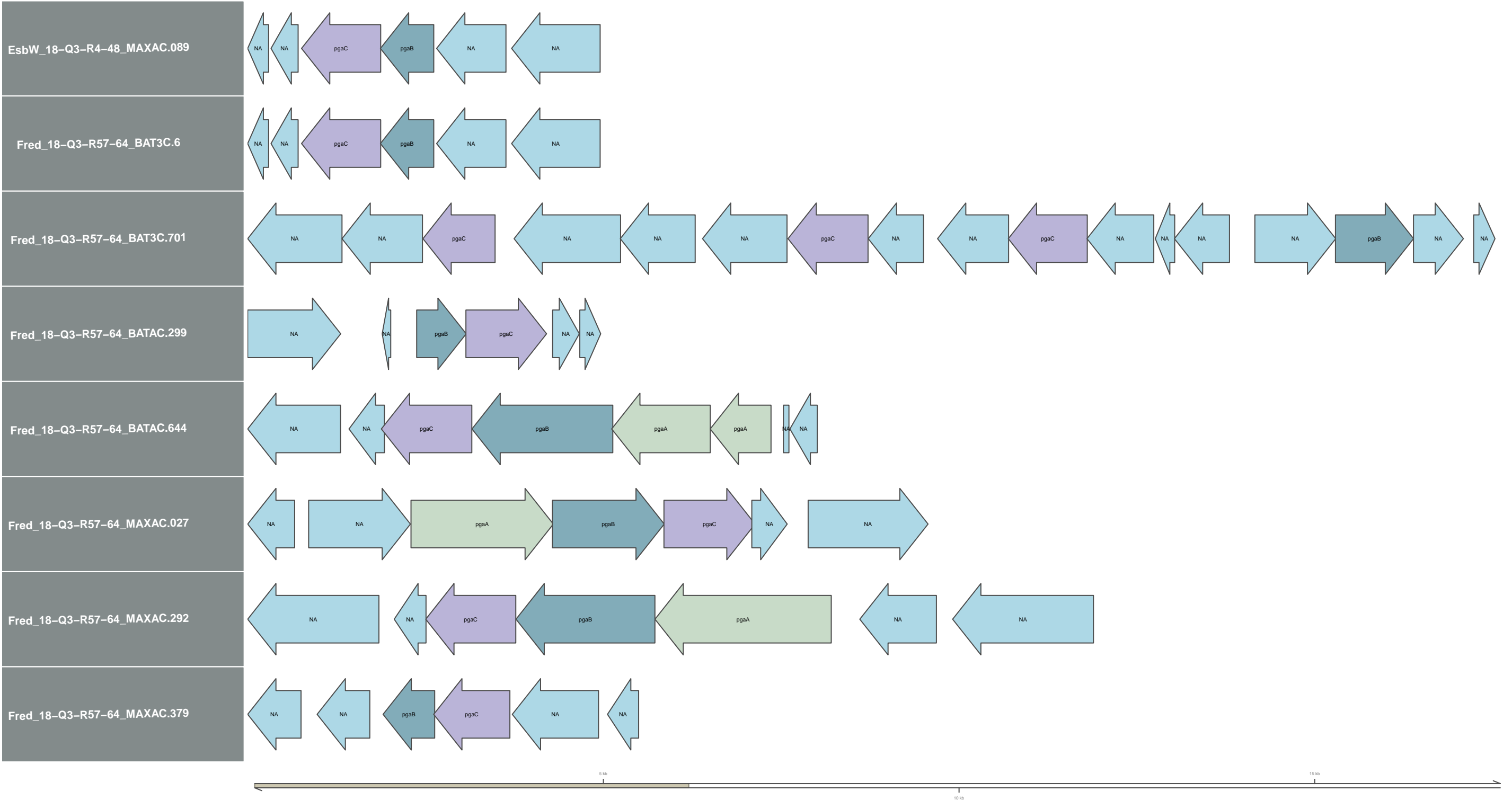


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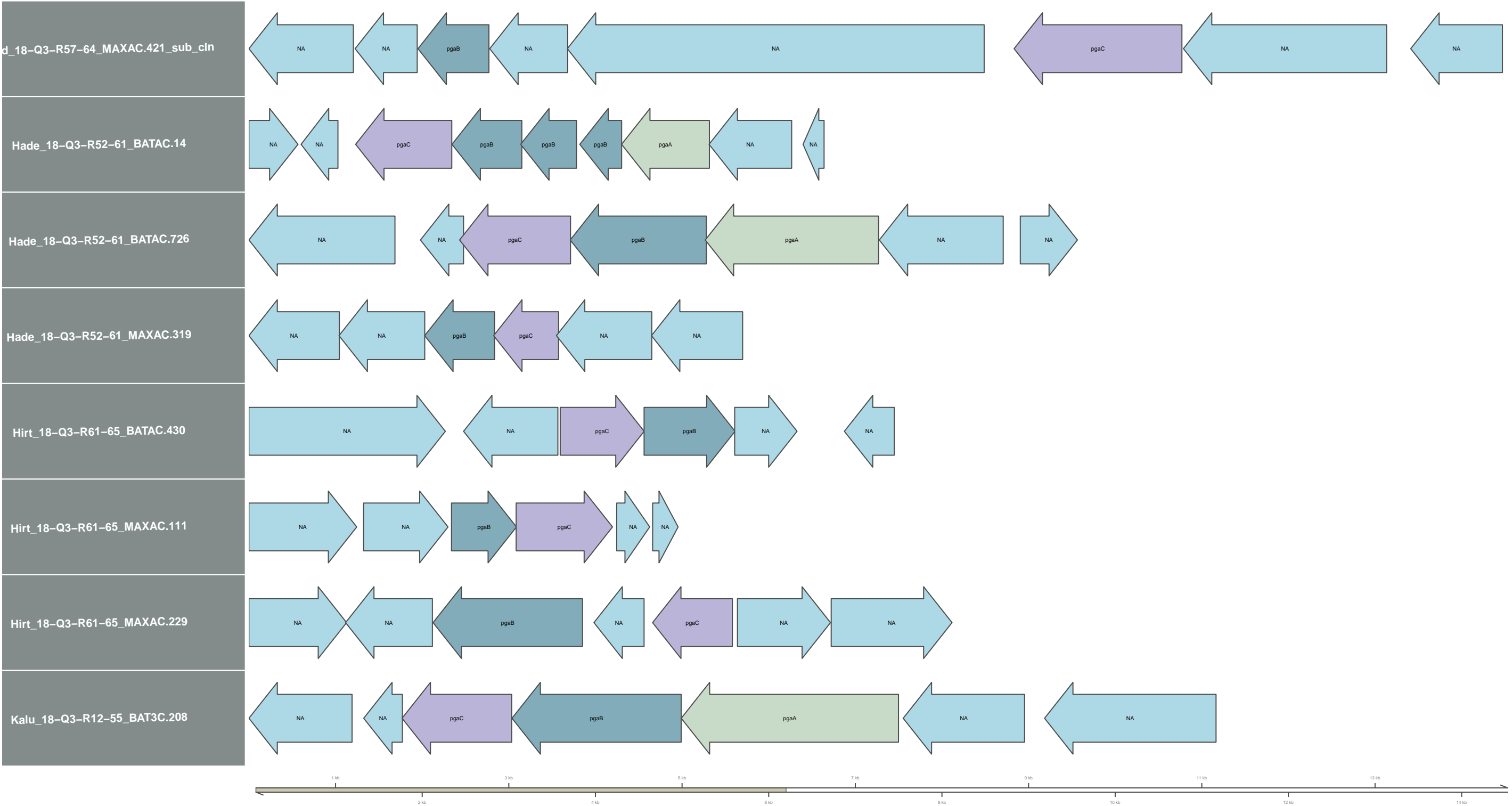




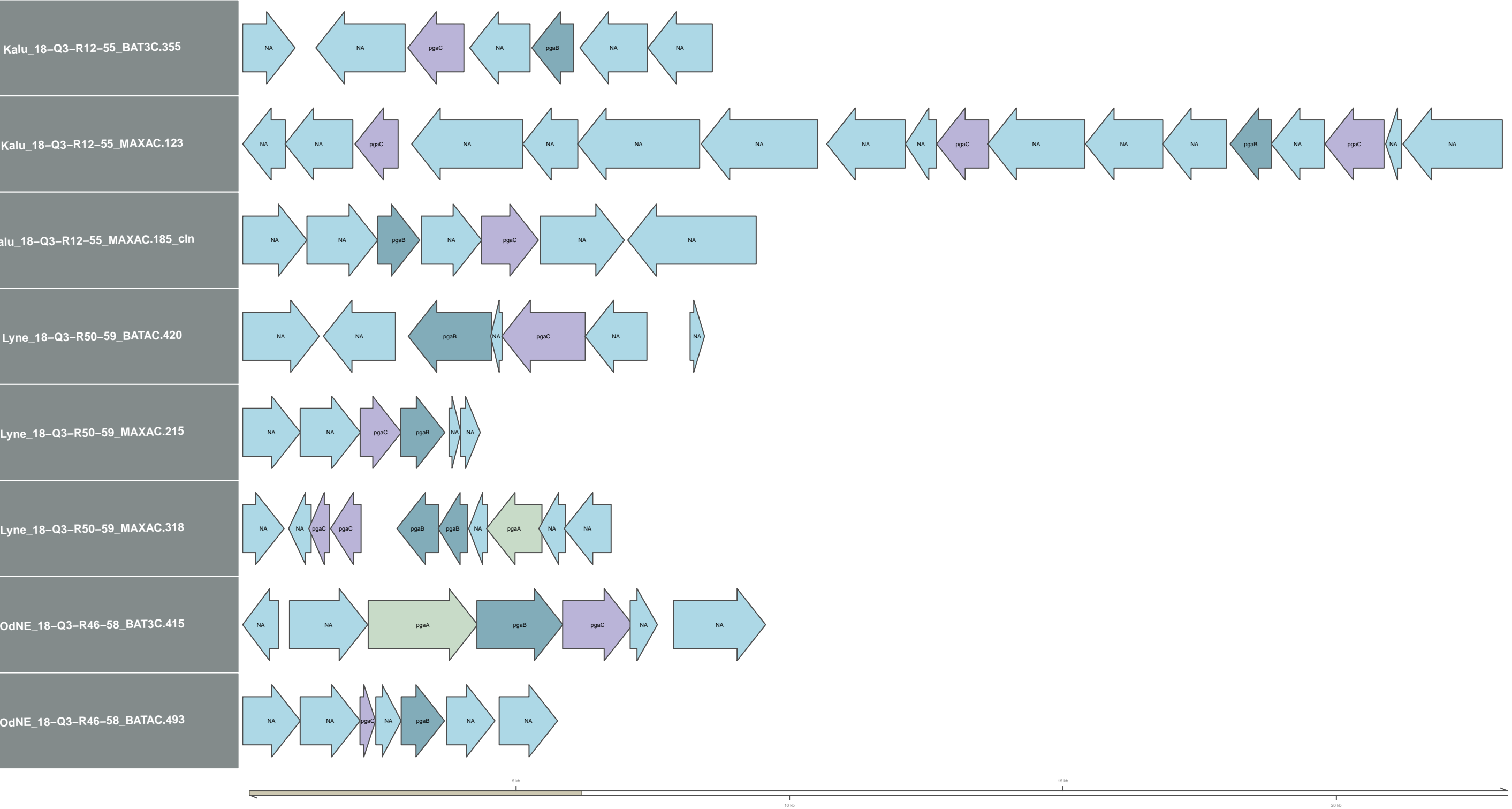
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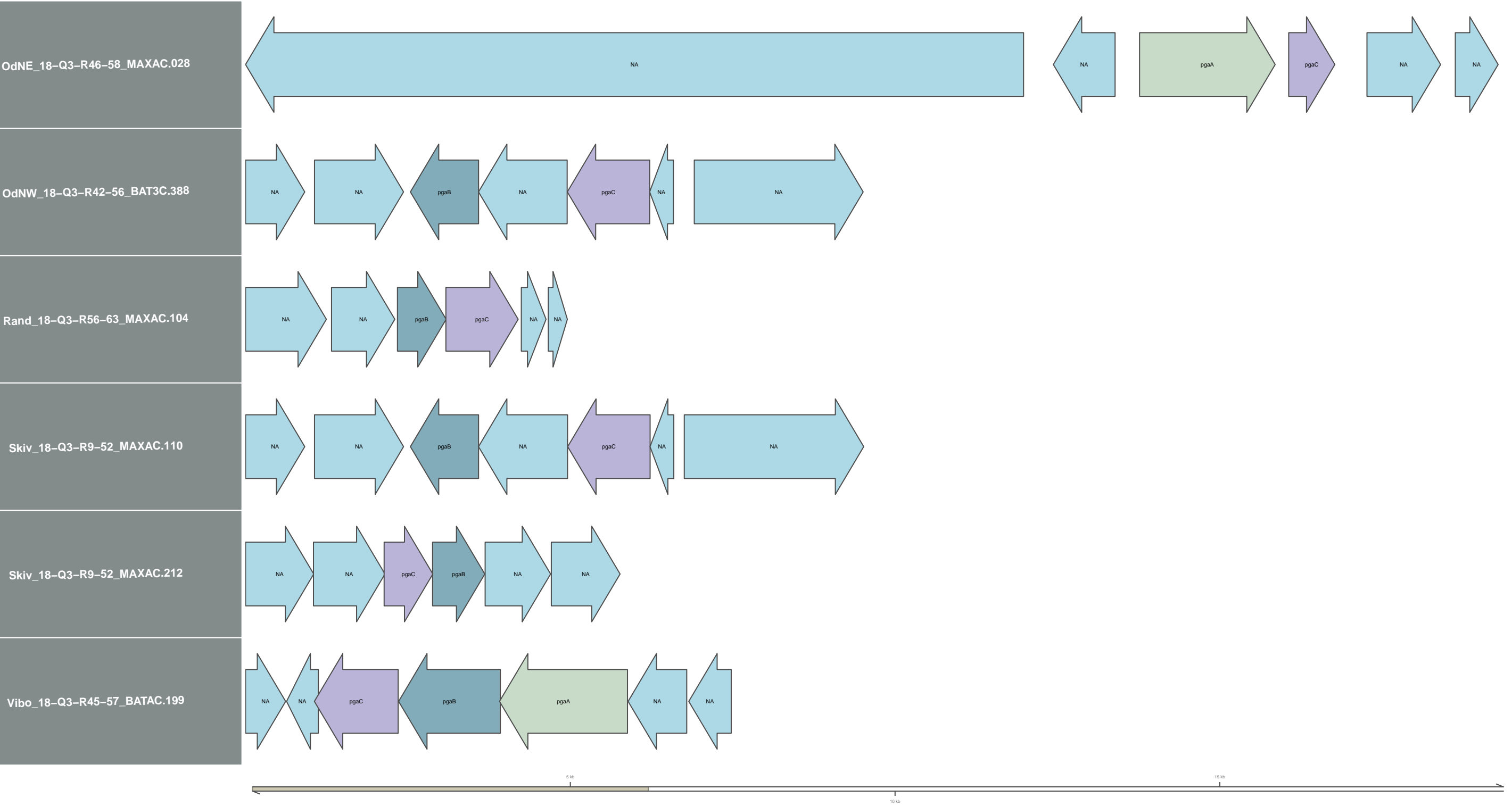
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pnag_pga



pnag_pga



1	AalE_18-Q3-R2-46_BAT3C.204	d__Bacteria;p__Campylobacterota;c__Campylobacteria;o__Campylobacterales;f__Arcobacteraceae;g__Allicobacter;s__Allicobacter cryaerophilus_A	tig00009949-10-1090220	106178	pgaB	00805
2	AalE_18-Q3-R2-46_MAXAC.133	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig00000473-10-14677400	264569	pgaB	00218
3	Aved_18-Q3-R54-62_BATAC.843	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig00000726-10-21197290	46816	pgaB	00037
4	Bjer_18-Q3-R1-45_MAXAC.014	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Sulfuritalea;s__	tig00013944-10-761410	16473	pgaA	03044
5	Bjer_18-Q3-R1-45_MAXAC.090	d__Bacteria;p__Krumholzibacteriota;c__Krumholzibacteria;o__LZORAL124-64-63;f__LZORAL124-64-63;g__s__	tig00000439-10-26518310	2009055	pgaB	01692
6	Damh_18-Q3-R51-60_MAXAC.107	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Bacteroidales;f__Lentimicrobiaceae;g__UBA4417;s__	tig00008676-10-965710	64179	pgaB	02953
7	Damh_18-Q3-R51-60_MAXAC.210	d__Bacteria;p__Elusimicrobiota;c__Elusimicrobia;o__F11;f__FEN-1173;g__s__	tig00000227-10-17572600	1418462	pgaB	01210
8	Ega_18-Q3-R5-49_BATAC.239	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Steroidobacterales;f__Steroidobacteraceae;g__s__	tig00001202-10-4363950	347494	pgaB	00343
9	Ejby_18-Q3-R6-50_BAT3C.203	d__Bacteria;p__Actinobacteriota;c__Actinobacteria;o__Actinomycetales;f__Dermatophilaceae;g__Austwickia;s__	tig00214211-10-16152460	504691	pgaB	02216
10	Ejby_18-Q3-R6-50_BAT3C.80	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig00003915-10-2303560	35528	pgaB	02090
11	Ejby_18-Q3-R6-50_BATAC.338	d__Bacteria;p__Krumholzibacteriota;c__Krumholzibacteria;o__LZORAL124-64-63;f__LZORAL124-64-63;g__s__	tig00005712-10-1957820	15220	pgaB	01453
12	EsbE_18-Q3-R3-47_BAT3C.110	d__Bacteria;p__Desulfobacterota;c__Syntrophia;o__Syntrophales;f__UBA2192;g__s__	tig00004325-10-2346120	134330	pgaA	02223
13	EsbE_18-Q3-R3-47_MAXAC.085	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig00000236-10-21381660	1575826	pgaB	01524
14	EsbW_18-Q3-R4-48_BATAC.445	d__Bacteria;p__Elusimicrobiota;c__Elusimicrobia;o__F11;f__FEN-1173;g__s__	tig00004868-10-4039950	177021	pgaB	01706
15	EsbW_18-Q3-R4-48_MAXAC.012	d__Bacteria;p__Nitrospirota;c__Nitrospira;o__Nitrospirales;f__Nitrospiraceae;g__Nitrospira_A;s__Nitrospira_A sp900170025	tig00000127-10-30891270	1438364	pgaB	01476
16	EsbW_18-Q3-R4-48_MAXAC.044	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Propionivibrio;s__	tig01107798-10-2245570	120621	pgaA	04464
17	EsbW_18-Q3-R4-48_MAXAC.089	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig00000105-10-26971300	1569593	pgaB	01516
18	Fred_18-Q3-R57-64_BAT3C.6	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig01546545-10-26780560	1942079	pgaB	03448
19	Fred_18-Q3-R57-64_BAT3C.701	d__Bacteria;p__Myxococcota;c__UBA9160;o__UBA9160;f__UBA4427;g__s__	tig00002470-10-11917410	472851	pgaB	00434
20	Fred_18-Q3-R57-64_BATAC.299	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig00007168-10-4655090	210650	pgaB	03098
21	Fred_18-Q3-R57-64_BATAC.644	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__UBA7239;g__UBA7239;s__	tig00000788-10-24304590	16305	pgaA	00015
22	Fred_18-Q3-R57-64_MAXAC.027	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Accumulibacter;s__	tig00351383-10-3762090	221106	pgaA	03687
23	Fred_18-Q3-R57-64_MAXAC.292	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__SZUA-140;f__SZUA-140;g__s__	tig00005391-10-5845880	141858	pgaA	01551
24	Fred_18-Q3-R57-64_MAXAC.379	d__Bacteria;p__Cyanobacteria;c__Vampirovibrionia;o__Vampirovibrionales;f__Vampirovibrionaceae;g__s__	tig00350858-10-25518060	1871207	pgaB	02036
25	Fred_18-Q3-R57-64_MAXAC.421_sub_cln	d__Bacteria;p__Patescibacteria;c__Paceibacteria_A;o__Moranbacteriales;f__UBA1568;g__s__	tig00000963-10-10881080	453729	pgaB	00483
26	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	33209	pgaA	02499
27	Hade_18-Q3-R52-61_BATAC.726	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Accumulibacter;s__	tig00035480-10-796120	20578	pgaA	02529
28	Hade_18-Q3-R52-61_MAXAC.319	d__Bacteria;p__Elusimicrobiota;c__Elusimicrobia;o__F11;f__FEN-1173;g__s__	tig00000703-10-10596450	173054	pgaB	00165
29	Hirt_18-Q3-R61-65_BATAC.430	d__Bacteria;p__Myxococcota;c__Polyangia;o__Haliangiales;f__Haliangiaceae;g__UBA2376;s__	tig00018336-10-1151780	55580	pgaB	04370
30	Hirt_18-Q3-R61-65_MAXAC.111	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig01347732-10-21894770	273989	pgaB	02519
31	Hirt_18-Q3-R61-65_MAXAC.229	d__Bacteria;p__Myxococcota;c__Polyangia;o__Haliangiales;f__Haliangiaceae;g__s__	tig00008943-10-2562490	90421	pgaB	03776
32	Kalu_18-Q3-R12-55_BAT3C.208	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__SZUA-140;f__SZUA-140;g__s__	tig00000943-10-15208620	287561	pgaA	00283
33	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	75106	pgaB	00448
34	Kalu_18-Q3-R12-55_MAXAC.123	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__g__s__	tig00002634-10-3925280	235889	pgaB	01888
35	Kalu_18-Q3-R12-55_MAXAC.185_cln	d__Bacteria;p__Acidobacteriota;c__Blastocatellia;o__Pyrinomonadales;f__Pyrinomonadaceae;g__s__	tig00000010-10-44899860	418360	pgaB	00347
36	Lyne_18-Q3-R50-59_BATAC.420	d__Bacteria;p__Actinobacteriota;c__Actinobacteria;o__Actinomycetales;f__Dermatophilaceae;g__Austwickia;s__	tig00000369-10-34189540	2020477	pgaB	01841
37	Lyne_18-Q3-R50-59_MAXAC.215	d__Bacteria;p__Elusimicrobiota;c__Elusimicrobia;o__F11;f__FEN-1173;g__s__	tig00322439-10-3427020	325955	pgaB	02923
38	Lyne_18-Q3-R50-59_MAXAC.318	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Pseudomonadales;f__UBA7239;g__UBA7239;s__	tig000001263-10-14707330	1255095	pgaA	01259
39	OdNE_18-Q3-R46-58_BAT3C.415	d__Bacteria;p__Proteobacteria;c__Gammaproteobacteria;o__Burkholderiales;f__Rhodocyclaceae;g__Accumulibacter;s__	tig00005627-10-3059890	245887	pgaA	00719
40	OdNE_18-Q3-R46-58_BATAC.493	d__Bacteria;p__Elusimicrobiota;c__Elusimicrobia;o__F11;f__FEN-1173;g__s__	tig00013005-10-906310	50279	pgaB	01614
41	OdNE_18-Q3-R46-58_MAXAC.028	d__Bacteria;p__Bacteroidota;c__Bacteroidia;o__Chitinophagales;f__UBA2359;g__s__	tig00006143-10-1534100	97019	pgaA	00950
42	OdNW_18-Q3-R42-56_BAT3C.388	d__Bacteria;p__Krumholzibacteriota;c__Krumholzibacteria;o__LZORAL124-64-63;f__LZORAL124-64-63;g__s__	tig00896689-10-23573170	385032	pgaB	02180
43	Rand_18-Q3-R56-63_MAXAC.104	d__Bacteria;p__Gemmatimonadota;c__Gemmatimonadetes;o__Gemmatimonadales;f__GWC2-71-9;g__s__	tig00004841-10-1679030	39676	pgaB	02258
44	Skiv_18-Q3-R9-52_MAXAC.110	d__Bacteria;p__Krumholzibacteriota;c__Krumholzibacteria;o__LZORAL124-64-63;f__LZORAL124-64-63;g__s__	tig00003286-10-5785960	399384	pgaB	02350
45	Skiv_18-Q3-R9-52_MAXAC.212	d__Bacteria;p__Elusimicrobiota;c__Elusimicrobia;o__F11;f__FEN-1173;g__s__	tig00000460-10-8469010	736871	pgaB	00667