

First Timepoints v3 001 - Report

nf-codon-align

```
pre_dir = "/home/dlejeune/Documents/real_data/staging/first_timepoints_v2"
post_dir = "/home/dlejeune/results/first_timepoints_v2_004/reverse_translate"
report_dir = "/home/dlejeune/results/first_timepoints_v2_004/functional_filter"
git_commit_id = "abcdef"
nextflow_params = {"a": "something"}
```

Overview

This pipeline run contained **109** files. In total, we lost **4739** sequences, or **19.8%** of the input.

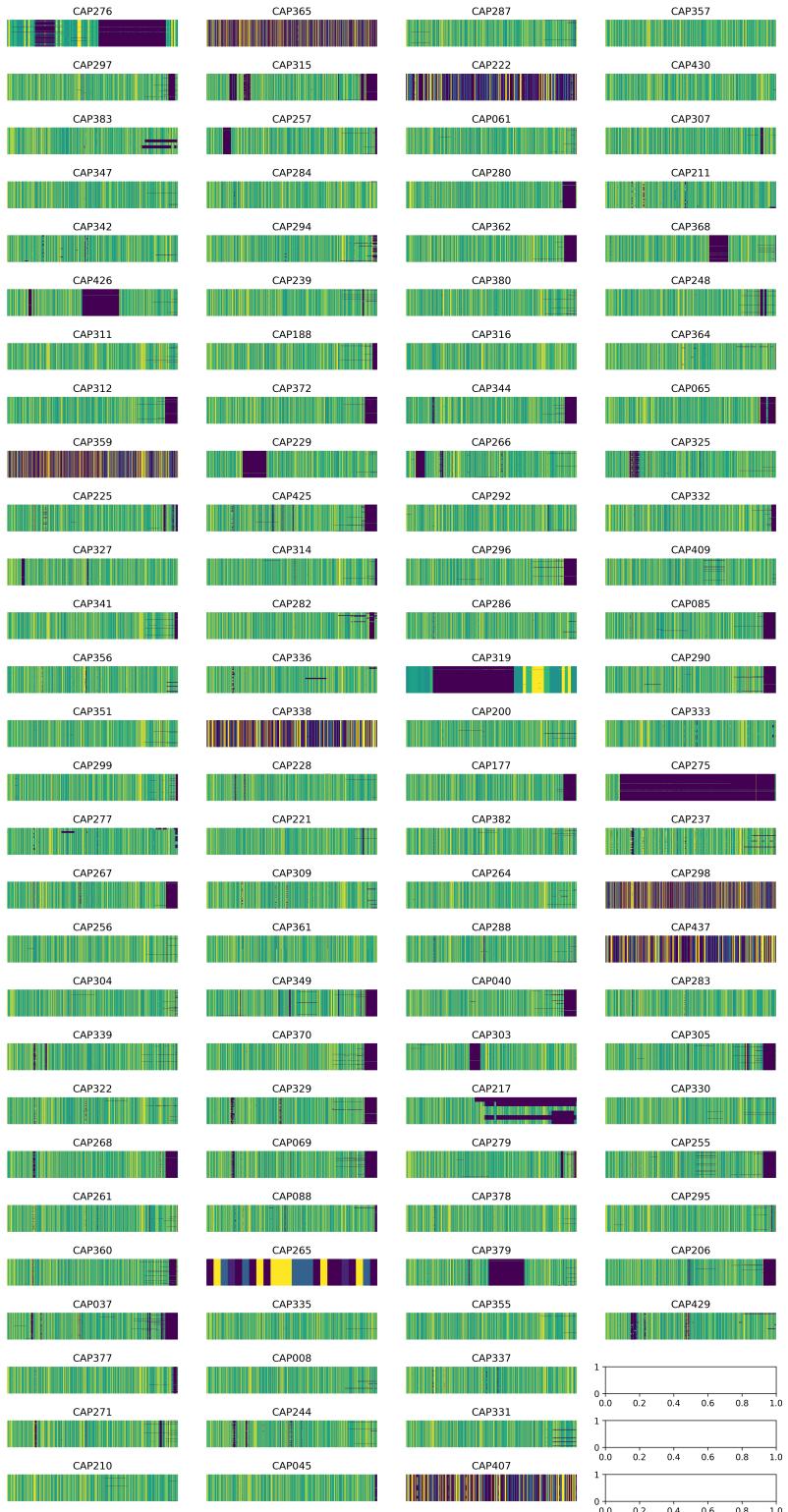
Pipeline Point	Number of sequences
pre	23938
post	19199

Sequence Loss Overview

There is meant to be an upset plot here

MSA Quality Check

An overview of the resulting nucleotide multiple sequence alignments are shown below. Gaps are shown in purple, while other nucleotides are shown in green, yellow, blue, light purple.



Sequence Length

The plot below shows the sequence length distribution for the samples **that pass filter**.

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CAP437_2000-pool6_nicd
CAP430_2000-pool4_earlham
CAP429_3090-pool4_earlham
CAP426_2000-pool4_earlham
CAP425_2000-pool1_nicd
CAP409_2000-pool12_inqaba
CAP407_6110-pool9_inqaba
CAP383_2000-pool4_earlham
CAP382_2000-pool1_nicd
CAP380_2000-pool4_earlham
CAP379_2000-pool4_earlham
CAP378_2000-pool8_nicd
CAP377_2000-pool1_nicd
CAP372_2000-pool3_earlham
CAP370_2000-pool4_earlham
CAP368_2000-pool7_nicd
CAP365_2000-pool4_earlham
CAP364_2000-pool4_earlham
CAP362_2000-pool1_nicd
CAP361_6070-pool9_inqaba
CAP360_2010-pool4_earlham
CAP359_2000-pool7_nicd
CAP357_2000-pool5_uw
CAP356_4221-pool4_earlham
CAP355_2000-pool4_earlham
CAP351_2010-pool4_earlham
CAP349_2000-pool1_nicd
CAP347_2000-pool4_earlham
CAP344_2000-pool1_nicd
CAP342_4180-pool4_earlham
CAP341_2000-pool6_nicd
CAP339_2000-pool3_earlham
CAP338_2000-pool7_nicd
CAP337_2000-pool1_nicd
CAP336_2040-pool4_earlham
CAP335_2000-pool1_nicd
CAP333_2000-pool4_earlham
CAP332_2000-pool7_nicd
CAP331_2010-pool4_earlham
CAP330_2000-pool4_earlham
CAP329_3080-pool4_earlham
CAP327_2000-pool1_nicd
CAP325_2000-pool2_nicd
CAP322_2050-pool4_earlham
CAP319_2000-pool1_nicd
CAP316_2000-pool4_earlham
CAP315_2070-pool1_nicd
CAP314_2000-pool1_nicd
CAP312_2000-pool6_nicd
CAP311_2000-pool3_earlham
CAP309_2000-pool8_nicd
CAP307_2000-pool1_nicd
CAP305_2010-pool7_nicd
CAP304_2000-pool1_nicd
CAP303_2000-pool1_nicd
CAP299_3090-pool4_earlham
CAP298_2000-pool6_nicd
CAP297_2000-pool4_earlham
CAP296_2000-pool4_earlham
CAP295_2000-pool1_nicd
CAP294_2000-pool4_earlham
CAP292_2000-pool2_nicd
CAP290_2000-pool3_earlham
CAP288_3090-pool2_nicd
CAP287_2000-pool5_uw
CAP286_2000-pool4_earlham
CAP284_2000-pool4_earlham
CAP283_3100-pool1_nicd
CAP282_2000-pool4_earlham
CAP280_2000-pool2_nicd

Sample File Sizes

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