MiXCR_batch_compare

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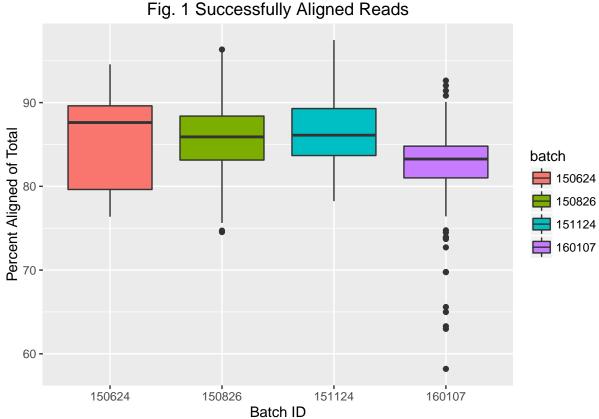
Objective

We're having issues with out MiXCR output. Different runs of the 160107 batch were compared in the MiXCR_QC_analysis.Rmd, but this will compare the different batches, all run using the same parameters.

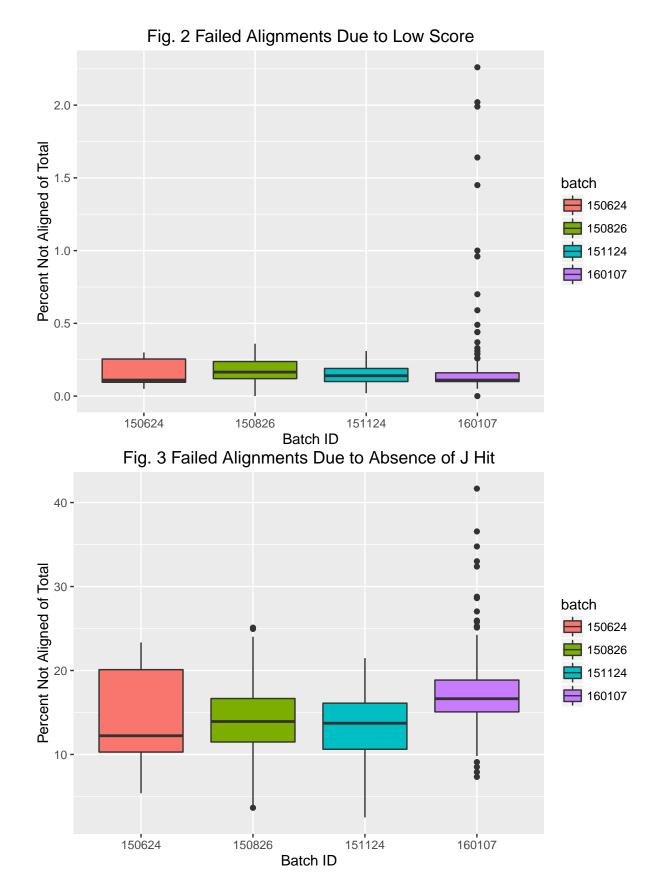
Results

look at the reasons for failure:

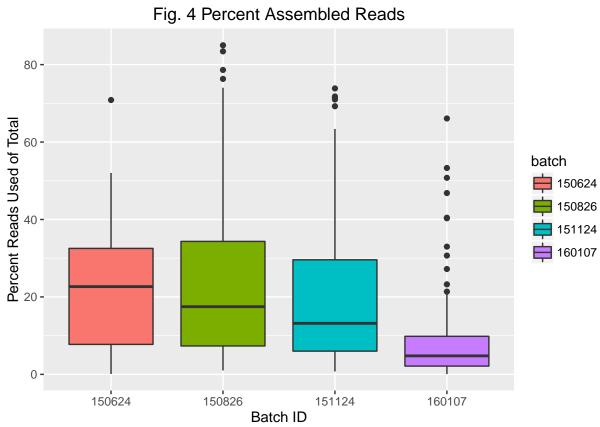
We've generally had pretty good alignment (based on observations from the 160107 batch), with most failed alignments due to bad J reads. Let's see how this looks for all of the batches:



Alignment percentages are relatively consistent. Turns out the 160107 batch was the worst of them. Let's



Everything looks pretty standard between the different batches. Let's look at the assembly statistics:



Batch ID
Fig. 5 Assembled Reads Used as Core Clones

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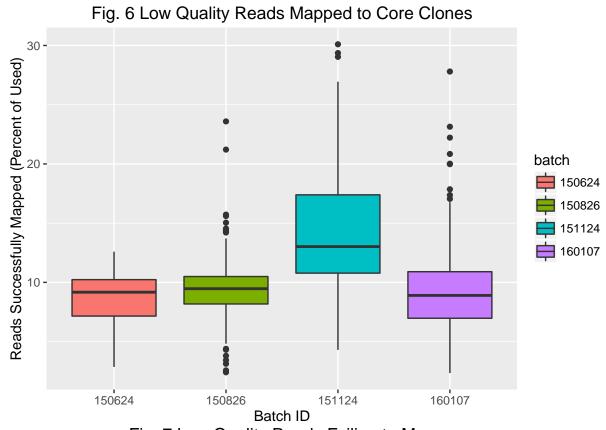


Fig. 7 Low Quality Reads Failing to Map

batch

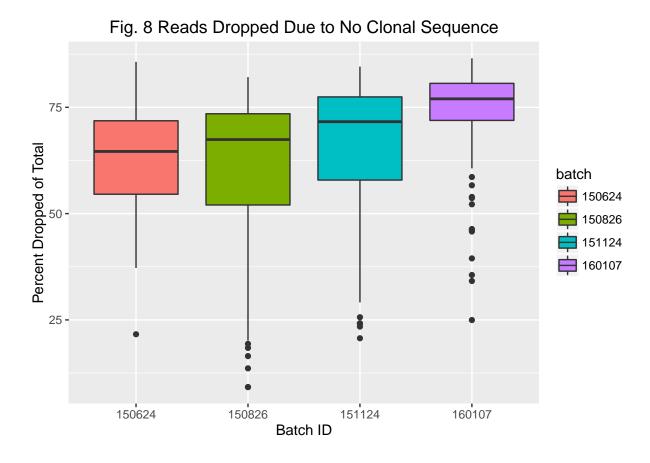
150624

150826

151124

160107

Batch ID



`stat_bin()` using `bins = 30`. Pick better value with `binwidth`.

