

March 24th, 2020.

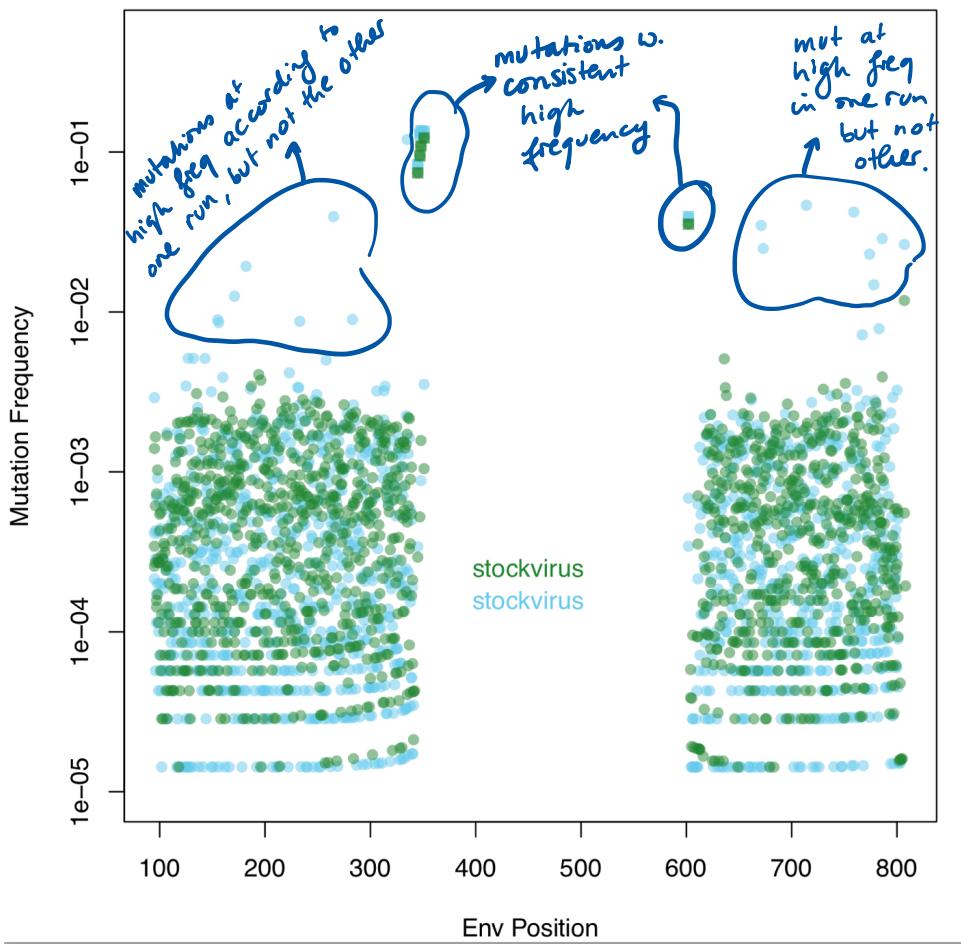
I wanted to see which mutations we could use to see differences between the monkeys / timepoints and body compartments.

The result is not as good as I hoped. Only 5 mutations are at high frequency in the stockvirus according to the two replicate sequencing runs of

the stock virus.

Here you see the mutation frequency at every site in the two sequencing runs for the stock virus

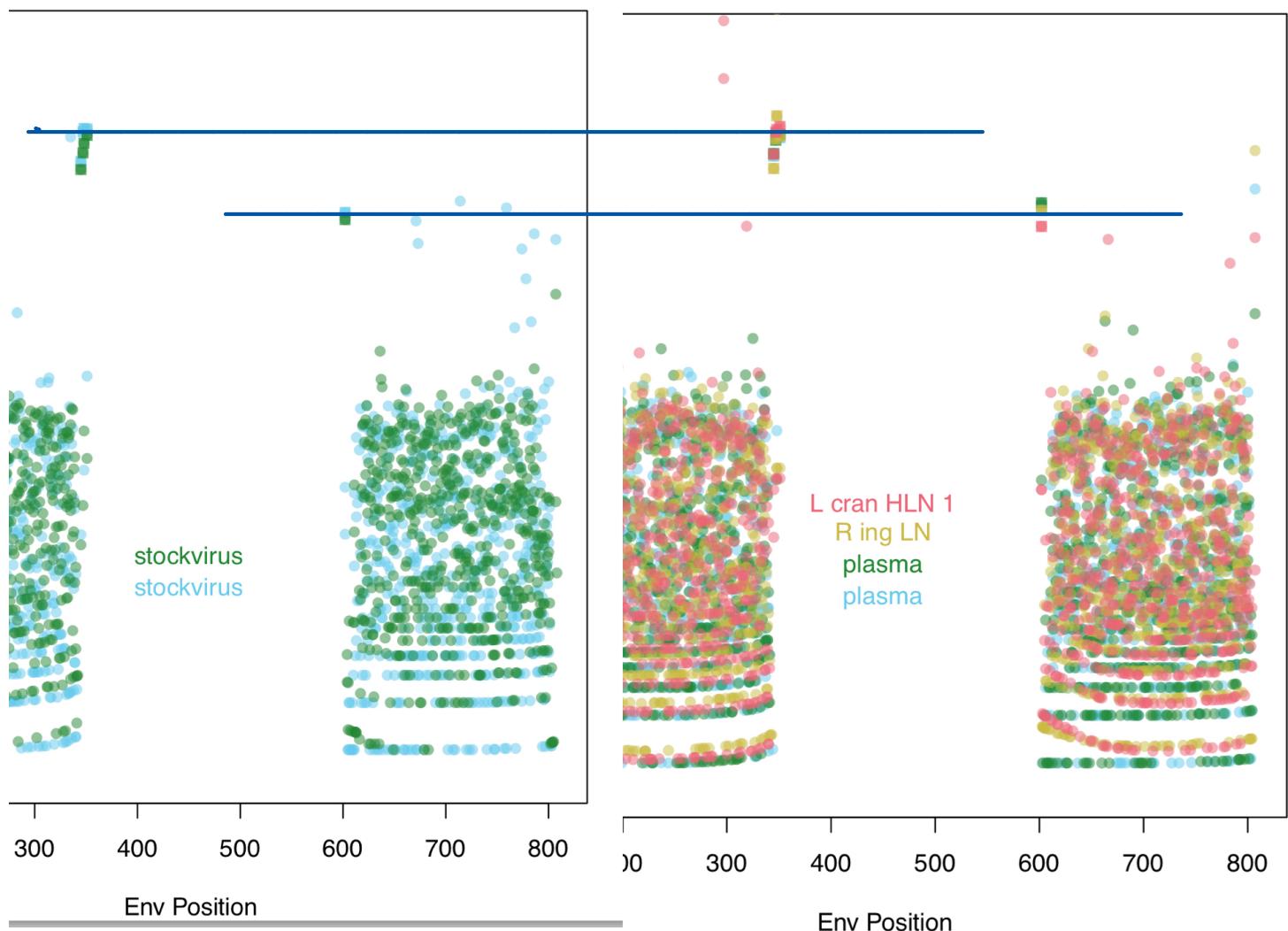
Monkey stockvirus



→ Obviously one possibility is that one of the sequencing runs is not very good - but, for now, let's look at these 5 mutations with consistent high frequencies.

Monkey stockvirus

Monkey 3616



Here are the same mutations in one of the monkeys.
For comparison, the stock virus is also there.
What you can see, is that these 5 mutations
are present at almost exactly the same frequency
in the monkey samples as in the stock virus.
→ this is bad news for us because it means
that nothing much is happening in these
monkeys with the virus.

