Variance Shiny App

Example here of how to inject custom html into the Shiny page

<https://gist.github.com/jcheng5/4052973>

Step 1, parse the pileupfile to get

Most likely pb, variance overall and % breakdown for each nucleotide

Step 2 make SVG of that parsed info

Step 3 combind several of these parsed info into one image

March 23 2018

Added css that will calculate the total width needed by the SVG so it can be scrolled in the browers

TODO: Select a certain region to view (cut out the buffer region) Done : 3/26/18

TODO: build consensus of several alignments, make a consensus and divergence image

* Built a function get\_consensus, it needs de bugging – done

TODO: create a function for building a difference from consensus string sequence

* Build now test it : Try and find an example there is a difference or diagnostic marker to show, the output in the pileup files is not all of the same length

TODO: build a function that takes a list of files and

* Creates the variance image
  + Test it:
* Creates the normal image
* Creates the Diagnostics Image