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

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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
* - done
* Creates the Diagnostics Image
  + DONE DAMMIT!

April 7 2018

TODO:

* Label the rows: DONE DAMMIT!
* Build a key : Done I quit()
  + For consensus
  + For variance
  + For normal
* Build the shiny app
  + File selection
  + Front and back trim selection