Documentation - Web Front End

The URL of the home page of the RGR3 Genome Browser website is:

http://student.cryst.bbk.ac.uk/~sr002/index.html

Contained within the WWW folder:

Each .html page contains links to the following pages via the navigation tool bar:
 - **/index.html** Home page
 - **/codon.html** Codon Frequencies
 - **/about.html** About
 - **/help.html** Help

/seq.html Sequence Search is accessed via a link in /index.html and vice versa

rgr3photo.jpg photograph is displayed on /about.html

Contained within the WWW/css folder:

 - **/rgr3.css** styling pages: /index.html, /codon.html, /about.html, /seq.html,
   accessed via full URL http://student.cryst.bbk.ac.uk/~sr002/css/rgr3.css due to
cgiwrap:
   cgi-bin/form.py, cgi-bin/seq.py
 - **/codon.css** styling pages: /codon.css
 - **/help.css** styling pages: /help.css
 - **/codonsz.css** styling pages (via ful URL): /form.py, /seq.py
 - **/codonform.css** styling pages (via full URL): cgi-bin/codon.py
 - **/sumlist.css** styling pages (via full URL): cgi-bin/sumlist.py

Contained within the WWW/cgi-bin folder:

full URL address: http://student.cryst.bbk.ac.uk/cgi-bin/cgiwrap/sr002/…

- **…/form.py** accessed upon submitting form on /index.html
- **…/seq.py** accessed upon submitting form on /seq.html
- **…/codon.py** accessed upon checking codon frequencies box on /index.html
- **…/sumlist.py** viewed from /index.html

Contained within the WWW/video folder:

- **rgr3test.mp4** video element displayed on /help.html

Business Logic Tier accessed via:

/index.html

/seq.html

Analysis types - complete DNA sequence

- Amino acid sequence

- Codon frequencies

- Sticky end restriction enzyme sites

Data Access Tier accessed via:

/index.html

/seq.html

Radio buttons

Database Accessed via:

/cgi-bin/sumlist.py on /index.html and /seq.html pages