**Proteins.html**

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**Purpose of the document:**

This document contains the description and implementation of proteins.html page.

**Description:**

**Proteins.html** page shows all the proteins present in the data. Data is been retrieved from toppic\_prsm\_cutoff/toppic\_proteoform\_cutoff/topmg\_prsm\_cutoff/topmg\_prsm\_cutoff 🡪 data\_js 🡪 proteins.js.

**Data:** proteins.js file contains the data in json format and is available globally in **prsm\_data** variable.

**Implementation:**

|  |  |
| --- | --- |
| $(document).ready(function(){}  🡪 allProteins(folderName)  🡪 proteinToHtml(protein,folderName)  🡪 getBestPrsm(protein,folderName) 🡪 proteoformMultirow() |  |

**Navbar:**

Navbar contains the links to navigate to multiple pages and logic is retrieved from navBar.js located in

**visual 🡪js 🡪util 🡪navBar.js**

**Container:**

* Container is a bootstrap class under which all the proteins from the proteins.js data file is fetched and placed in the html page.
* **Implementation:**
  + Dynamically load the data file proteins.js in **$(document).ready(function(){}**
  + Onload of the data invoke **allProteins(folderName)** from **allProteins.js** filelocatedat **visual 🡪 js 🡪 proteins 🡪 allProteins.js** which generates the list of all the proteins

**Flow:**

|  |
| --- |
| $(document).ready(function(){}  🡪 allProteins(folderName)  🡪 proteinToHtml(protein,folderName)  🡪 getBestPrsm(protein,folderName) 🡪 proteoformMultirow() |

**Footer:**

Footer contains the default static html with copyright information.