# BLUEGENES DESIGNIDEAS

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Issue 1. Filter bar for searches -----

FlyMine

Filter by category

Upload

Home

My Data

Templates

- Looks slightly cluttered
- Color coding isn't descriptive
- Design can be modernised

Proteins Filter by description Filter text... RNA\_seg 

Genes expressed in a set of tissues Show genes expressed in a set of tissues/stages according to the modENCODE RNA\_seq data. The expression scores are binned into the expression levels as follows: No/Extremely low expression: 0-0; Very low expression: 1-3; Low expression: 4-10; Moderate expression: 11-25; Moderately high expression: 26-50; High expression: 51-100; Very high expression: 101-1000; Extremely high expression: >1000; View >> Template categories: Expression All genes → Sequence For a specified organism return the sequence of all genes. Can be used to output a Fasta file of all sequences for use with programs such as BLAST. View >> Template categories: Genes Protein - Gene Show the gene that codes for the following protein, with its chromosomal location and length. Template categories: Genes

Regions

All Function Expression Comparative Genomics Genomics Homology Genes Gene Ontology Transcriptional Regulation Regulation Gene Expression Resources Interactions Pathways Literature

Query Builder

Search

Q

**\$** 

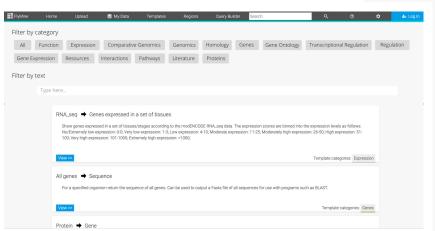
♣x Log In

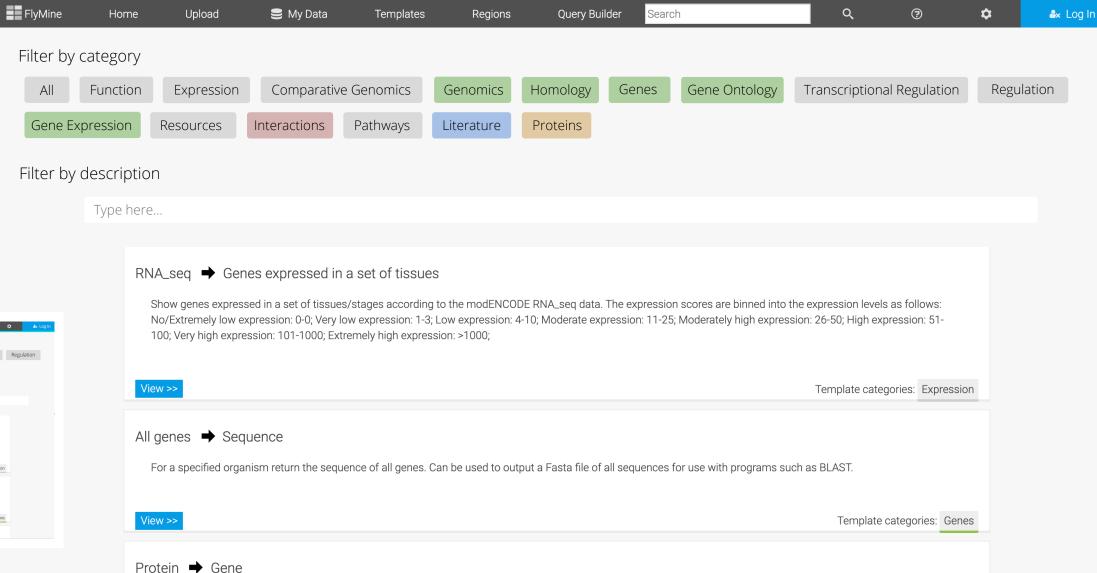
Design solution follows!

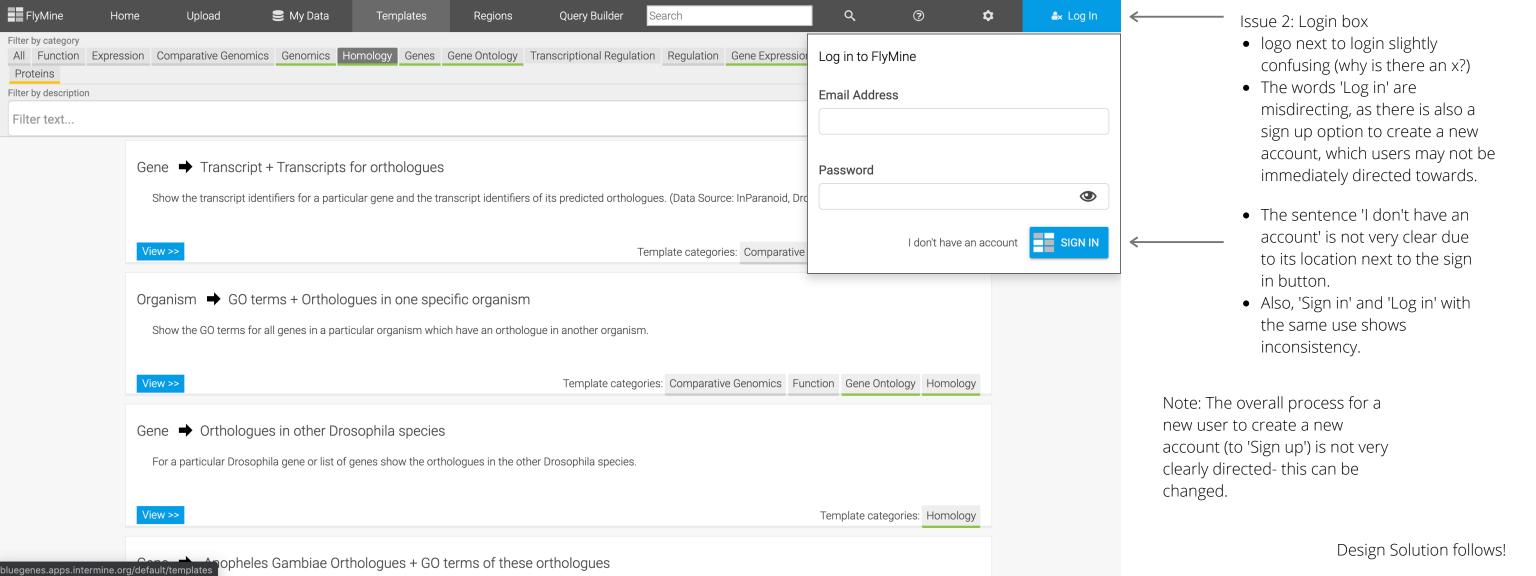
#### Solution 1:

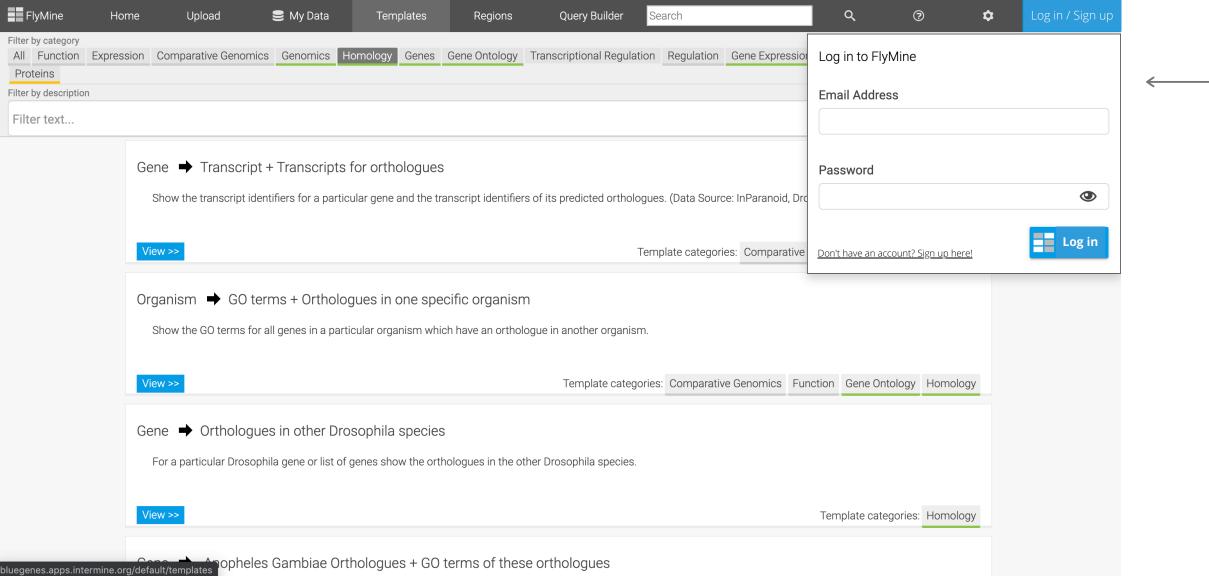
- Increased spacing between buttons,
- Increased margins on sides and top,
- each button has rounded edges- giving it a more moderinsed design.

Note: On using the site, I have noticed that the color coding isnt necessary when filtering by category- as each button already has a description. The colors thus prove to be not only redundant but also slightly confusing. However, I'm new to databases like these, so, if color coding is required, I have provided an alternate design for the visualisation of the same.



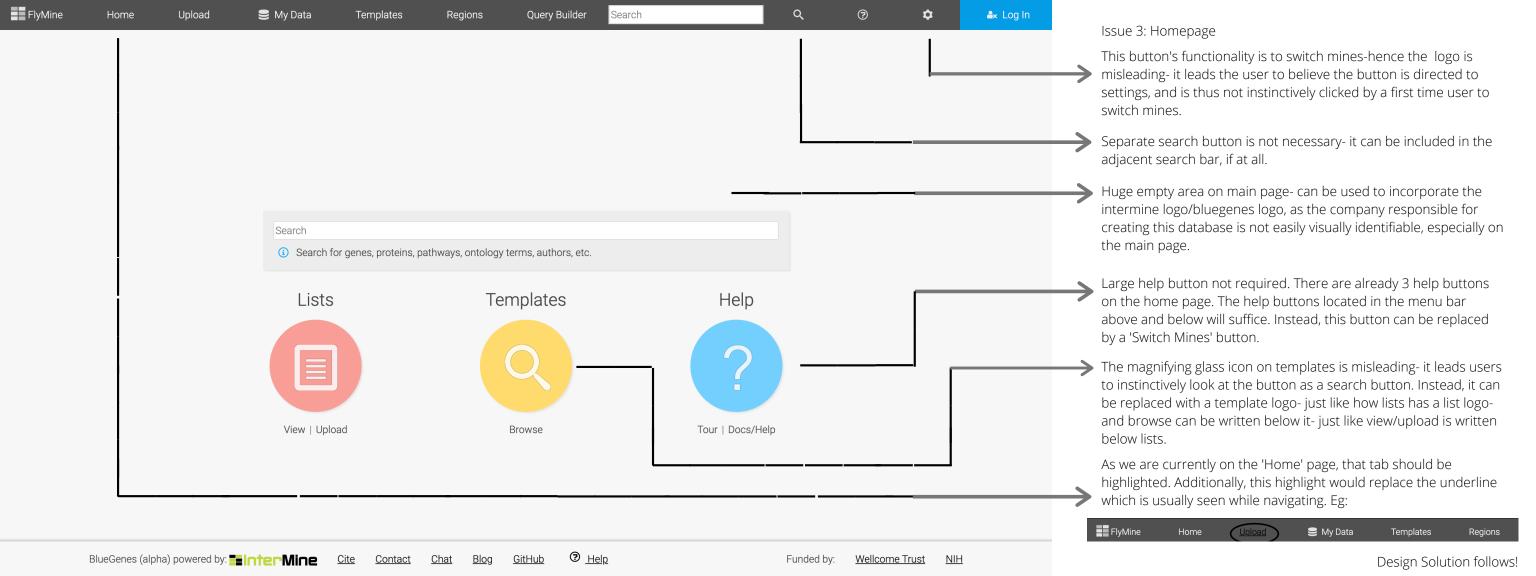






#### Solution 2:

- Addition of Sign Up to header
- Change from Sign in to Log in on button- for consistency
- Link to create an account has been shifted towards the left
- text of this link has been changed for clarity
- this link has been underlined to indicate presence of link.



Home Upload 🛢 My Data Templates Regions Query Builder 🗍 🔍 🤊 💻 Log in

## EInterMine

Search

FlyMine

(i) Search for genes, proteins, pathways, ontology terms, authors, etc.

Lists



View | Upload

Templates



Browse

Mines



Switch

Funded by:

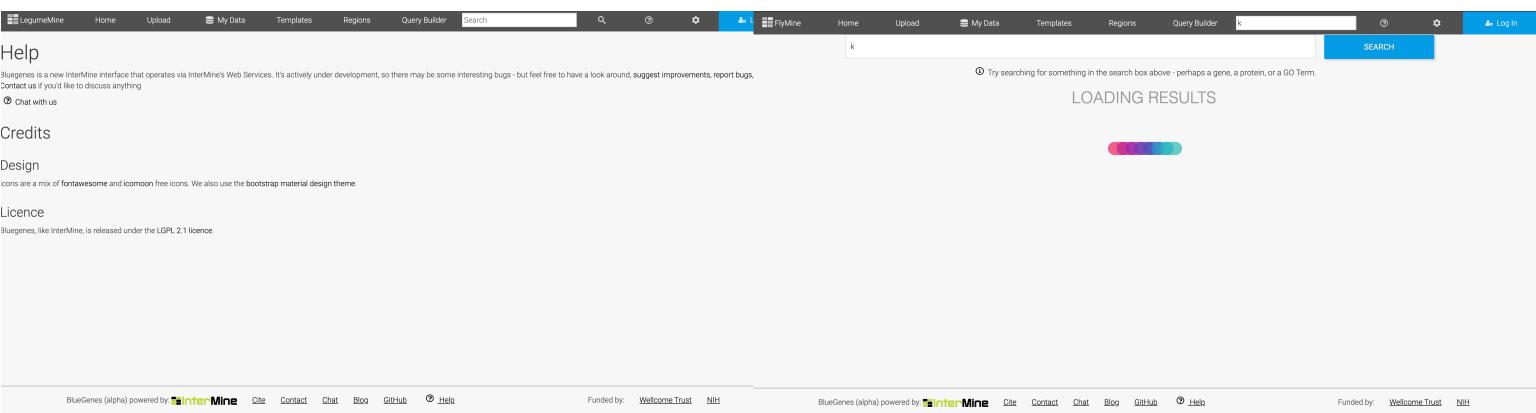
Wellcome Trust

NIH

Solution 3: all of the above changes made.

### A Suggestion:

Margins in these, and other such pages, can be increased. It gives a cleaner look to the website.



A Suggestion: In the 'expression by stage' tool, the various shades of the same color are not easy to distinguish. We could offer a wider color range ranging from green (very low expression) to yellow-green (low expression) to yellow(moderate expression) to orange(moderately high expression) to red (high expression).

