Supplemental Figure 2

The bar chart shows the number of mutations queried for different genes. The x-axis represents the significantly mutated genes, including:

- **USH2A**
- **CSMD3**
- **FAT3**
- **NF1**
- **BRCA1**
- **BRCA2**
- **RB1**

The y-axis represents the mutations queried, ranging from 0 to 24.

The chart uses different colors to indicate different types of matches:

- **Green** for exact match
- **Orange** for nearby match
- **Purple** for position match
- **Brown** for novel

The gene with the highest number of mutations queried is **OMIM**, with a total of 24 mutations. The gene with the lowest number of mutations queried is **RB1**, with only 8 mutations.