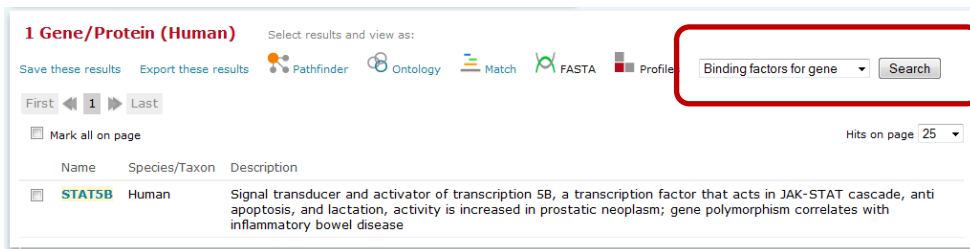


Easier access to transcription factors, the genes they regulate, their associated positional weight matrices, interacting factors, and more.

**1** Perform a **Genes and proteins** quick search to find any gene or protein of interest, including a transcription factor of interest.

**2** From the search result, use the **Search within results** pull-down menu



to select from the following options:

Select this option:	In order to:
Binding factors for gene	Identify those transcription factors which have been experimentally shown to bind the selected gene(s) in the published literature (high-throughput ChIP-seq data is excluded)
Gene bound by factor	Identify those genes which have been experimentally shown to be bound by the selected transcription factor(s) in the published literature (high-throughput ChIP-seq data is excluded)
Interacting factors	Identify those transcription factors which physically bind to the selected protein(s)
Promoter	Retrieve the promoter sequence(s) for the selected gene(s) to search for predicted binding sites using Match
TF binding matrix	Identify and retrieve the associated positional weight matrices for the selected transcription factor(s) to search for predicted binding sites using Match
Regulating miRNAs	Identify those miRNAs which have been shown to bind to and regulate the selected gene(s) in the published literature