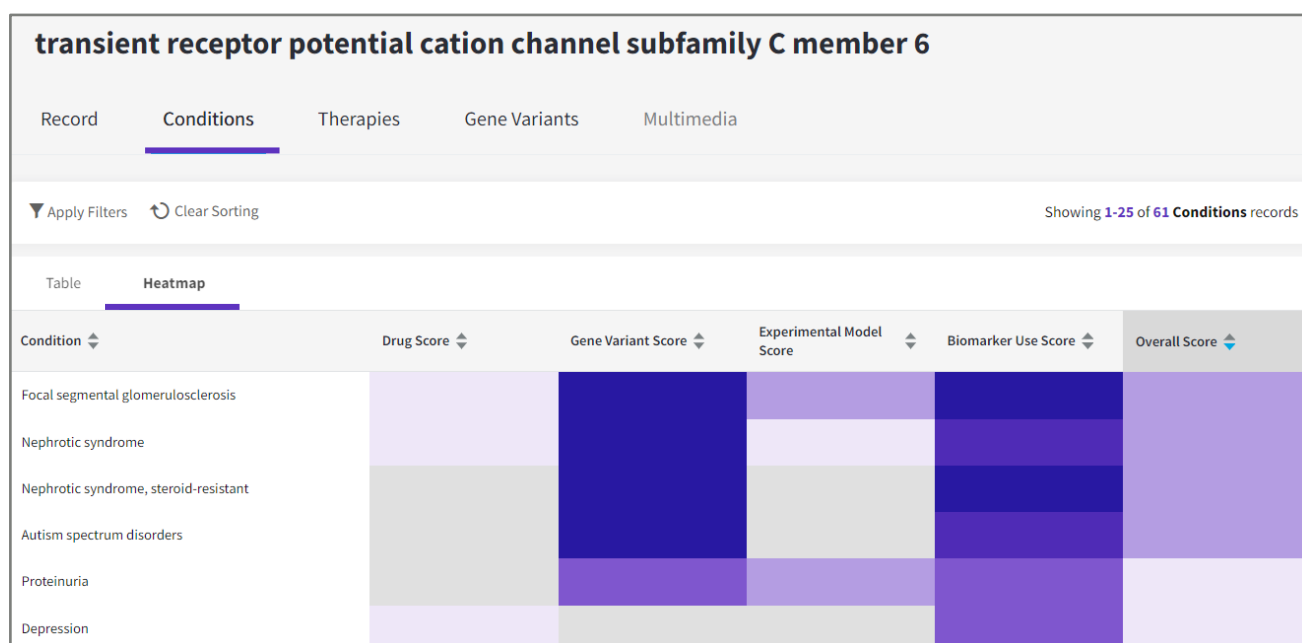# Using the new target-conditions heatmap for drug repurposing

Cortellis Drug Discovery Intelligence

The Cortellis Drug Discovery Intelligence target-conditions heatmap has been designed to facilitate the target validation process and support different use cases, such as target identification and prioritization, and drug repurposing.

You'll find the heatmap under the Conditions tab in your target record of interest:

The heatmap shows 5 scores by which to rank the evidence supporting a target-condition association. These are:

1. The Drug Score, based on the drug-target-condition association.

2. The Gene Variant Score, based on the gene variant-condition association.

3. The Experimental Model Score, based on the experimental model-condition association.

4. The Biomarker Use Score, based on the biomarker use-condition association.

5. The Overall Score, which takes into consideration all previous scores.

*You will find full details on the calculation of these scores in the Glossary/Help file.

Drug repurposing

Drugs are usually developed to treat specific conditions, but the target they act upon might be related to other conditions as well.

The target – conditions heatmap is an ideal tool to quickly see what conditions are associated to a target that haven't been developed for yet, and therefore, identify whitespaces to tap into.

1. Sort the heatmap by **Gene Variant Score** to rank your conditions by biological evidence.

2. In the Drug Score column, grey cells show conditions that haven't been developed for yet.

Tip Scores go from 0 to 1. Hover on a cell to see the score behind it.

Click on any cell to see the information behind it. As an example, we've clicked on Gene Variant Score cell for **autism spectrum disorders** to explore associated gene variants:

Tip Literature/patents are hyperlinked to easily navigate to the source of the information.

For more information contact Customer Service at **LS Product Support.**