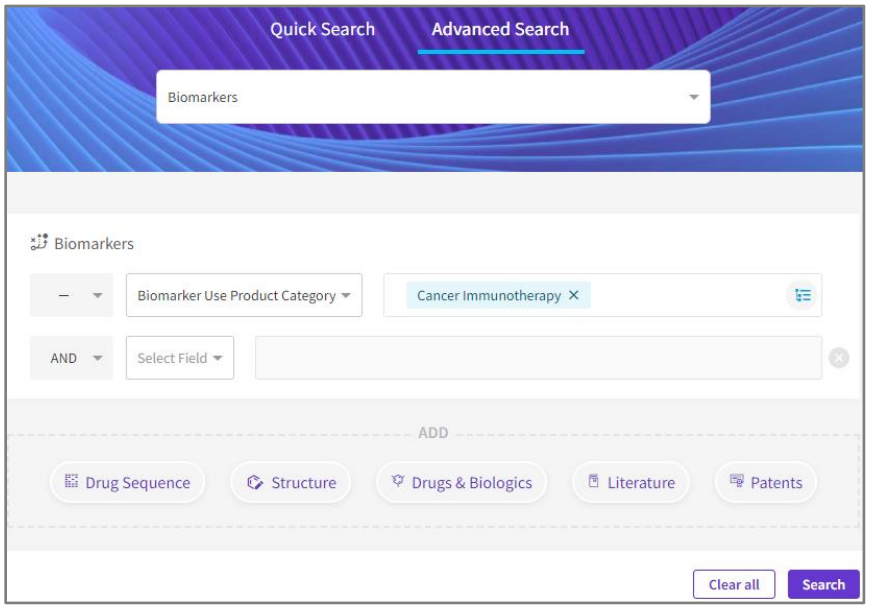
Assessing biomarker clinical validity

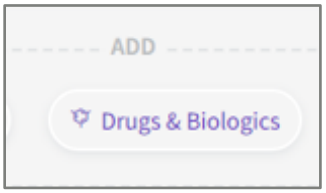
Cortellis Drug Discovery Intelligence

Easily differentiate between biomarkers that are in exploration versus those that are generally accepted as drug development tools in clinical trials.

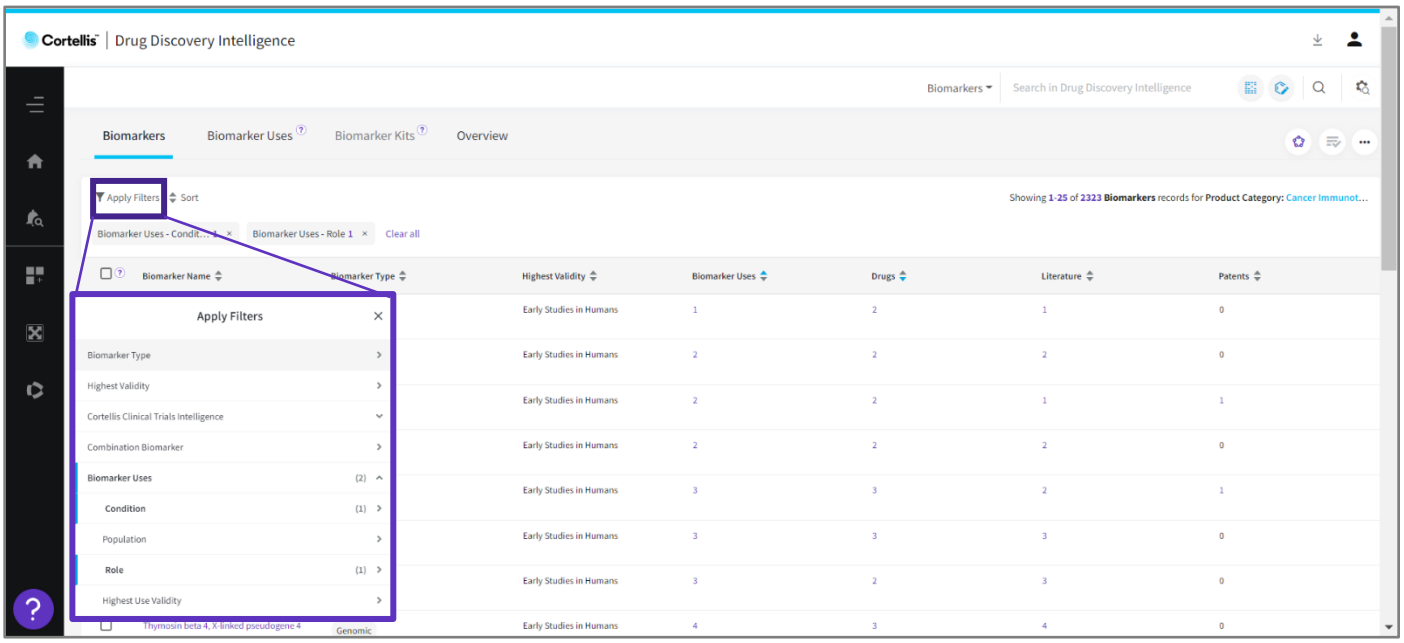
1. Use **Advanced Search** to find biomarkers around your area of interest. In this example we are searching for **Biomarker Use Product Category** -> Cancer Immunotherapy:



Tip If you need to broaden your query, use the **Drugs & Biologics** button within the Biomarkers Advanced Search, then search for Product Category = Cancer Immunotherapy. This will include any biomarker associated with a cancer immunotherapy drug, irrespective of its biomarker use.

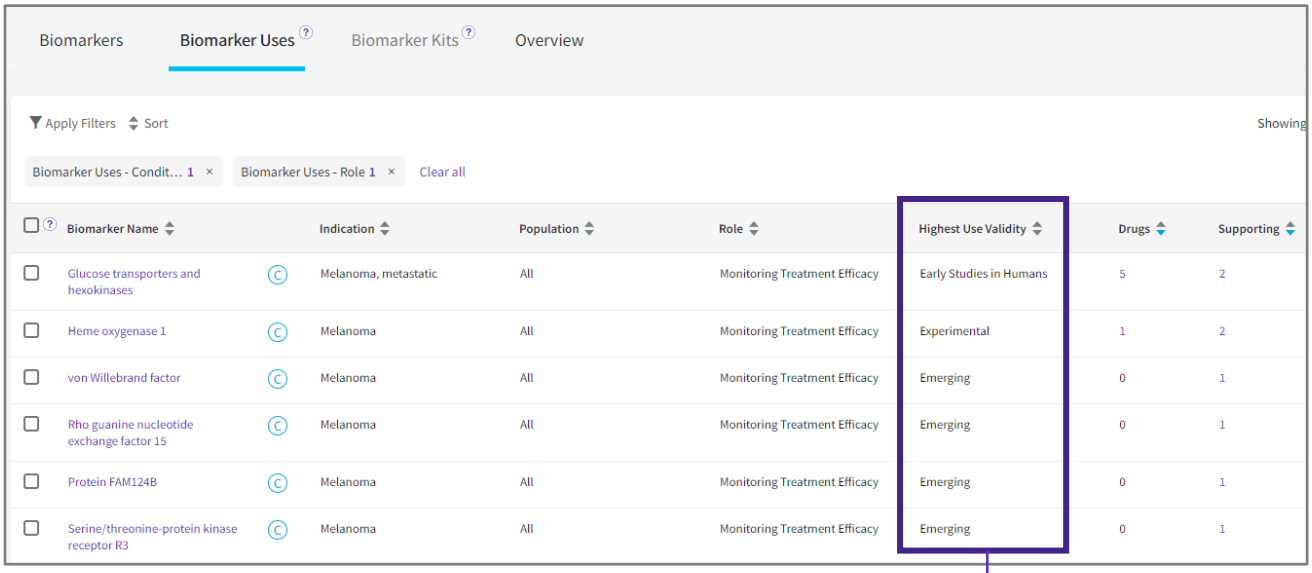


2. Once in your results page, **Apply Filters** to further define the **Biomarker Uses** of interest, for instance by **Condition**, **Role**, **Technique** or **Substrate** used to measure the biomarker. The example below is refining by Condition -> melanoma, and by Role -> Monitoring treatment efficacy:



Exploring clinical validity

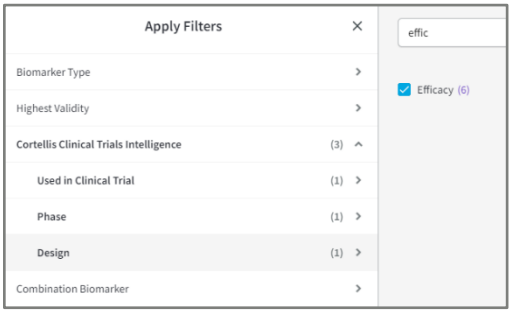
3. Go to the **Biomarker Uses** tab to see the context in which the biomarkers have been used. You will easily identify that in the **Highest Use Validity** column:



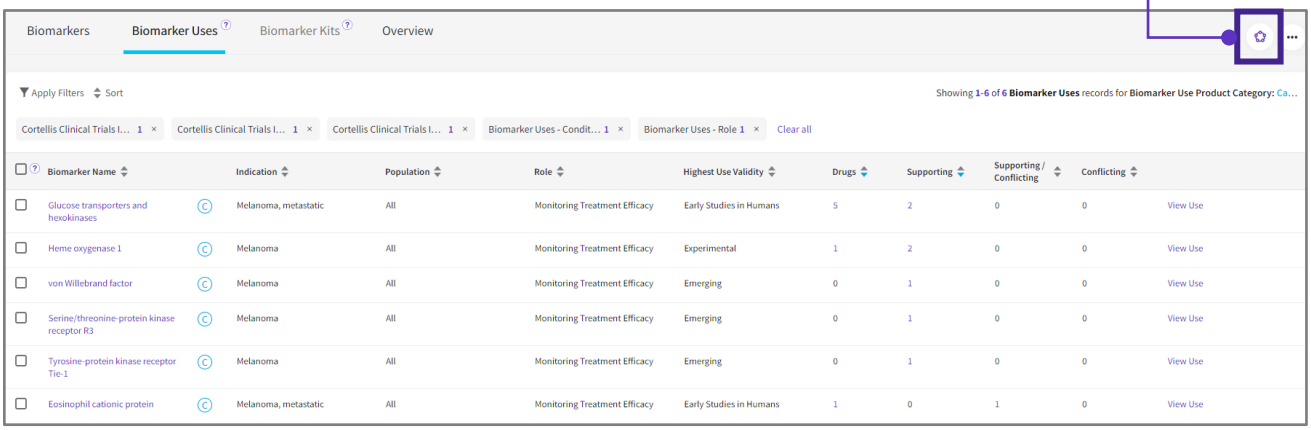
Highest Use Validity

Exploratory studies: **Emerging, Experimental**
Clinical research: **Early/Late studies in humans**
Clinical practice: **Recommended/approved**

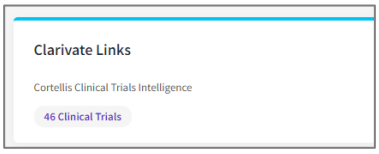
4. Use **Apply Filters** again to refine for biomarkers used in clinical trials covered in the **Cortellis Clinical Trials Intelligence** platform. In this example, we are filtering by biomarkers **Used in Clinical Trial** in **phase III** studies to determine **Efficacy**:



5. We now have a short list of markers, and we can check the supporting literature with the **Related content** button:



Tip If you subscribe to **Cortellis Clinical Trials Intelligence**, you can navigate to the trials associated with your biomarker of interest from the **Biomarker record** itself.



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