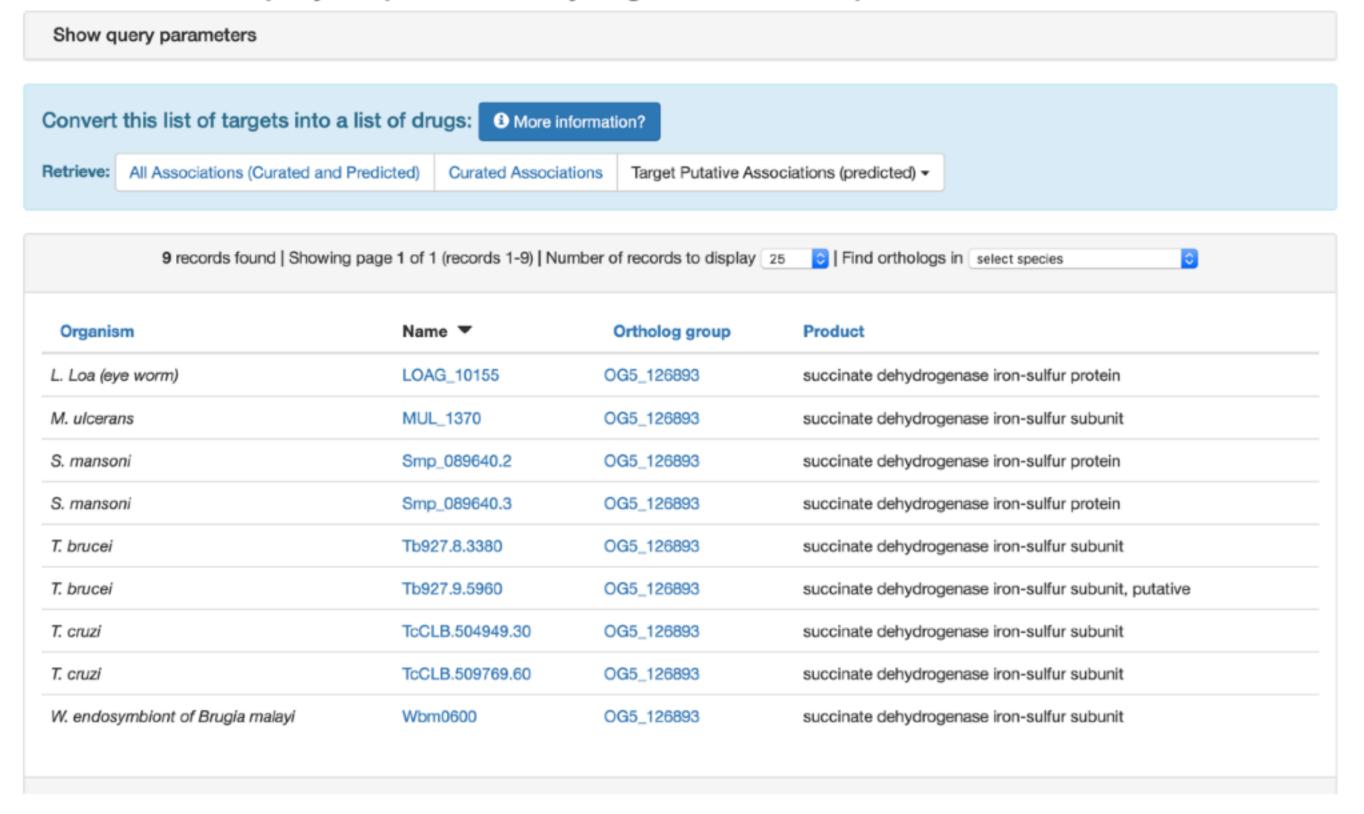
- A few of the hits had "iron-sulfur subunit" in the name. The ironsulfur subunit is B, one of those next to the ubiquinone binding site.
- Try a "Quick Search..." for "succinate dehydrogenase iron-sulfur".

## Search results for query: #7 (succinate dehydrogenase iron-sulfur)



- Click on Tb927.8.3380 and scroll down to Essentiality Data
- Suppose that we discover a SDH inhibitor in our SBDD campaign against the ubiquinone binding site of *P. Aeruginosa*. Based on these data, which other species would be most worth testing its efficacy against? Which would be least worth testing?

## Essentiality Tb927.8.3380 has direct evidence of essentiality Gene/Ortholog Organism Phenotype Source Study Mycobacterium tuberculosis mtu1581 non-essential nmpdr mtu3379 Mycobacterium tuberculosis non-essential nmpdr Trypanosoma brucei Tb09.160.4380 no significant loss or gain of fitness in bloodstream forms (3 days) alsford alsford Tb09.160.4380 Trypanosoma brucei significant gain of fitness in bloodstream forms (6 days) Tb09.160.4380 Trypanosoma brucei no significant loss or gain of fitness in procyclic forms alsford Tb09.160.4380 significant gain of fitness in differentiation of procyclic to bloodstream forms alsford Trypanosoma brucei significant loss of fitness in bloodstream forms (3 days) alsford Tb927.8.3380 this record Trypanosoma brucei significant loss of fitness in bloodstream forms (6 days) alsford Tb927.8.3380 this record Trypanosoma brucei Tb927.8.3380 this record significant loss of fitness in procyclic forms alsford Trypanosoma brucei Tb927.8.3380 this record Trypanosoma brucei significant loss of fitness in differentiation of procyclic to bloodstream forms alsford ь0724 Escherichia coli goodall non-essential b4153 Escherichia coli non-essential goodall