



- We think it's a good drug target but I want to see what the online databases suggest
- First, let's try TDR targets (<https://tdrtargets.org>). It is possible that an SDH drug for *P. Aeruginosa* may also work on some neglected tropical diseases.



Leverage diverse datasets to facilitate drug discovery for neglected disease pathogens

TDR Targets functions both as a **website** where you can look for information on targets, drugs and/or bioactive compounds of interest, and as a **tool** for prioritization of targets in whole genomes.

The name of the database includes the initialism 'TDR' for Tropical Disease Research, a special programme within the World Health Organization.



Target search
Look for information on targets of interest. Prioritize targets in whole genomes.


Targets »

Drug search
Search for drugs and potential drug-target relationships. Explore bioactivities.

Drugs! »

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Contact Us: <info at tdrtargets.org>



- Try a “Quick Search...” for “succinate dehydrogenase”. This yields many results that are various subunits of the enzyme from different species
- Compared to the ubiquinone binding site, the “flavoprotein subunit” is on the opposite side of the complex

Target list

Search results for query: #2 (succinate dehydrogenase)

Show query parameters

Convert this list of targets into a list of drugs: [More information?](#)

Retrieve: [All Associations \(Curated and Predicted\)](#) [Curated Associations](#) [Target Putative Associations \(predicted\)](#)

97 records found | Showing page 1 of 4 (records 1-25) | Number of records to display 25 | Find orthologs in [select species](#)

> >>

| Organism | Name ▼ | Ortholog group | Product |
|-----------------------|--------------------------------|----------------------------|--|
| <i>B. malayi</i> | Bm1_17325 | OG5_126927 | succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |
| <i>B. malayi</i> | Bm1_17330 | OG5_126927 | succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial |
| <i>B. malayi</i> | Bm1_17690 | OG5_126893 | succinate dehydrogenase [ubiquinone] iron-sulfur protein, mitochondrial |
| <i>B. malayi</i> | Bm1_30090 | OG5_129614 | Succinate dehydrogenase cytochrome b560 subunit, mitochondrialprecursor |
| <i>B. malayi</i> | Bm1_35660 | OG5_129488 | Succinate dehydrogenase |
| <i>C. trachomatis</i> | CT_591 | OG5_126893 | succinate dehydrogenase iron sulfur subunit |
| <i>C. trachomatis</i> | CT_592 | OG5_126927 | succinate dehydrogenase flavoprotein subunit |
| <i>E. granulosus</i> | EgrG_000416000 | No group | succinate dehydrogenase ubiquinone iron sulfur |