

- Now try “NADH ubiquinone” in the Therapeutic Target Database (<http://idrblab.net/ttd/>)
- Did you find SDH?
- Looks like it is there, as T39811.



The screenshot shows the homepage of the Therapeutic Target Database (TTD). The header includes the TTD logo, the text "Therapeutic Target Database", and logos for BIDD (Bioinformatics and Drug Design group) and IDRBLAB. Below the header is a navigation bar with links: Home, Advanced Search, Target Group, Drug Group, Patient Data, Model & Study, and Download. The main content area features a search bar with the text "Search Whole Database". Below the search bar is a section labeled "Search for Targets:" with a text input field containing "succinate dehydrogenase". To the right of the input field are "Search" and "Reset" buttons. At the bottom, there are examples of search results: "Examples: EGFR; Vascular endothelial growth factor; Peramivir; Renal cell carcinoma ...".

- Are there currently any drugs that target SDH?


**Therapeutic Target Database**



Home
Advanced Search
Target Group
Drug Group
Patient Data
Model & Study
Download

### Target Information

Target General Information	
Target ID	T39811 (Former ID: TTDI01376)
Target Name	Succinate dehydrogenase (SDHD)
Synonyms	Succinate-ubiquinone reductase membrane anchor subunit; Succinate-ubiquinone oxidoreductase cytochrome b small subunit; Succinate dehydrogenase complex subunit D; Succinate dehydrogenase [ubiquinone] cytochrome b small subunit, mitochondrial; SDH4; QPs3; CybS; CII-4
Gene Name	SDHD
Target Type	Literature-reported target <span>[1]</span>
Function	Membrane-anchoring subunit of succinate dehydrogenase (SDH) that is involved in complex II of the mitochondrial electron transport chain and is responsible for transferring electrons from succinate to ubiquinone (coenzyme Q).
UniProt ID	DHSD_HUMAN <a href="#">↗</a>
Sequence	MAVLWRLSAVCGALGGRALLLRTPVVRPAHISAFIQDRPIPEWCGVQHIHLSPSHHSGSK AASLHWTSEVVSVLLGLLPAAYLNPSCAMDYSLAAALTLHGHWGLGQVVTDYVHGDA QKAAKAGLLALSALTFAGLCYFNYHDVGICKAVAMLWKL

### References

REF 1	Succinate dehydrogenase is a direct target of sirtuin 3 deacetylase activity. PLoS One. 2011;6(8):e23295. <a href="#">↗</a>
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If you find any error in data or bug in web service, please kindly report it to [Dr. Wang](#) and [Dr. Li](#).