

Resource Summary Report

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Ciliate IES-MDS database

RRID:SCR_007599

Type: Tool

Proper Citation

Ciliate IES-MDS database (RRID:SCR_007599)

Resource Information

URL: <http://oxytricha.princeton.edu/dimorphism/database.htm>

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Description: IES-MDS DB is a database of macronuclear and micronuclear genes in spirotrichous ciliates. The database contains information on 440 MDS pairs (each pair composed of the MIC and the MAC version of a given MDS), 392 IES and 361 pointer triples (each pointer has two active copies in the MIC and one copy in the MAC) (7). Out of the 440 MDSs, 235 are scrambled, and 65 are in the opposite strand in the MIC. A total of 320 IESs and 202 pointers are scrambled. For each pair of genes in the database the user can see the micronuclear and macronuclear organization and has the option to see all the MDS, IES and pointer sequences. Another option is to download the MIC sequence with the MDSs and pointers in uppercase and the IESs in lowercase. It is also possible to graphically compare the organization of several genes.

Synonyms: IES-MDS DB

Resource Type: data or information resource, database

Keywords: macronuclear gene, micronuclear gene, spirotrichous ciliate

Resource Name: Ciliate IES-MDS database

Resource ID: SCR_007599

Alternate IDs: nif-0000-02663

Record Creation Time: 20220129T080242+0000

Record Last Update: 20260729T044151+0000

Ratings and Alerts

No rating or validation information has been found for Ciliate IES-MDS database.

No alerts have been found for Ciliate IES-MDS database.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Galperin MY, et al. (2005) The Molecular Biology Database Collection: 2005 update. Nucleic acids research, 33(Database issue), D5.