

Resource Summary Report

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MitoInteractome

RRID:SCR_010225

Type: Tool

Proper Citation

MitoInteractome (RRID:SCR_010225)

Resource Information

URL: <http://mitointeractome.kobic.kr/>

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Description: Database that gathers data on interactions in the mitochondrial proteome that has been used to construct a network for the aging process in humans and to identify interactions that influence this process, since mitochondria is a major source of cellular reactive oxygen species that accumulate during aging. It will: # aid in increasing our understanding of the molecular functions and interaction networks of mitochondrial proteins, # help in identifying new target proteins for experimental research using predicted protein-protein interaction information, and # help in identifying biomarkers for diagnosis and new molecular targets for drug development related to mitochondria. How is MitoInteractome different? * Provides protein-protein interaction information with graphical display. * Applies newly added new mitochondrial protein information by using BLAST incorporated in MitoInteractome * Shows correlation of mutation with their impact * Provides specific pathway information to aid study of their impact * Contains SNP Information

Abbreviations: MitoInteractome

Synonyms: MitoInteractome - Mitochondrial Protein Interactome Database

Resource Type: data or information resource, database

Defining Citation: [PMID:19958484](#)

Keywords: interaction, mitochondrial proteome, mitochondria, protein-protein interaction, physico-chemical property, polymorphism, protein sequence, protein, disease, snp, pathway

Related Condition: Aging

Resource Name: MitoInteractome

Resource ID: SCR_010225

Alternate IDs: nlx_156772

Record Creation Time: 20220129T080257+0000

Record Last Update: 20260806T054520+0000

Ratings and Alerts

No rating or validation information has been found for MitolInteractome.

No alerts have been found for MitolInteractome.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.