# Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

## 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:** 20260729T044241+0000

## Ratings and Alerts

No rating or validation information has been found for MitoInteractome.

No alerts have been found for MitoInteractome.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We have not found any literature mentions for this resource.