


Enlis Genome Personal

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Genome HomeGenome: genome_fGene Category: Mitochondrial partGene: UQCRC

 **UQCRC**
Ubiquinol-cytochrome c reductase, complex III subunit VII, 9.5kDa

Gene type: **Protein coding**

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UQCRC sequence summary:

Genome:	Protein variations:		DNA variations:		Call coverage:	Copy Number:	Structural Variations:
	Total	Rare (GAF <1%)	Total	Rare (GAF <1%)	Total gene	Irregular segments	Gene-overlapping
 genome_P:	0	0	1	1	0.136%	None	None
	See details		See details		See details	See details	See details

Function:

This gene encodes a ubiquinone-binding protein of low molecular mass. This protein is a small core-associated protein and a subunit of ubiquinol-cytochrome c reductase complex III, which is part of the mitochondrial respiratory chain.

Keywords:

[Acetylation](#) [Electron transport](#) [Isopeptide bond](#) [Membrane](#) [Mitochondrion](#) [Mitochondrion inner membrane](#) [Reference proteome](#) [Respiratory chain](#) [Transport](#) [Ubl conjugation](#)

Disease/Trait Associations:

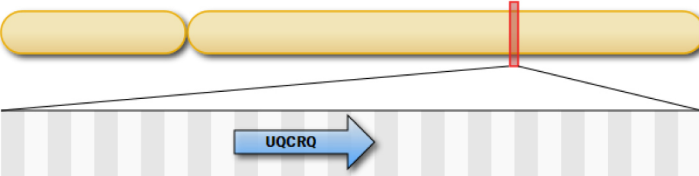
✳ [Mitochondrial complex III deficiency](#)

Mitochondrial complex III deficiency, nuclear 4 (MC3DN4): A disorder of the mitochondrial respiratory chain resulting in a highly variable phenotype depending on which tissues are affected. Clinical features include mitochondrial encephalopathy, psychomotor retardation, ataxia, severe failure to thrive, liver dysfunction, renal tubulopathy, muscle weakness and exercise intolerance.

Genomic Location:

5

[Goto map](#)



Gene location:
Chr 5 : 132,202,252 - 132,203,723

Taper ici pour rechercher

20:22
06/09/2017