



Respiratory complex II as the only membrane-bound component of the TCA cycle is directly linked to the mitochondrial respiratory chain (Complexes I–V) through interaction with coenzyme Q₁₀. Alteration of complex II function by mutations or post-translational modifications can have important consequences for mitochondrial and cellular physiology as discussed in this Special Issue. The X-ray structure of porcine complex II (pdb 1Z0Y) is shown, with representative models of complexes I (red), III (yellow), cytochrome c (red), IV (violet), and the ATP synthase (complex V, blue) also indicated.

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