

Sdhl resistance in Germany

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Methods

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- PCR with primers published by Mallik et al. 2014

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- PCR with primers published by Mallik et al. 2014
- sequencing of (almost) complete Sdh subunit B, C, D genes

Mutations

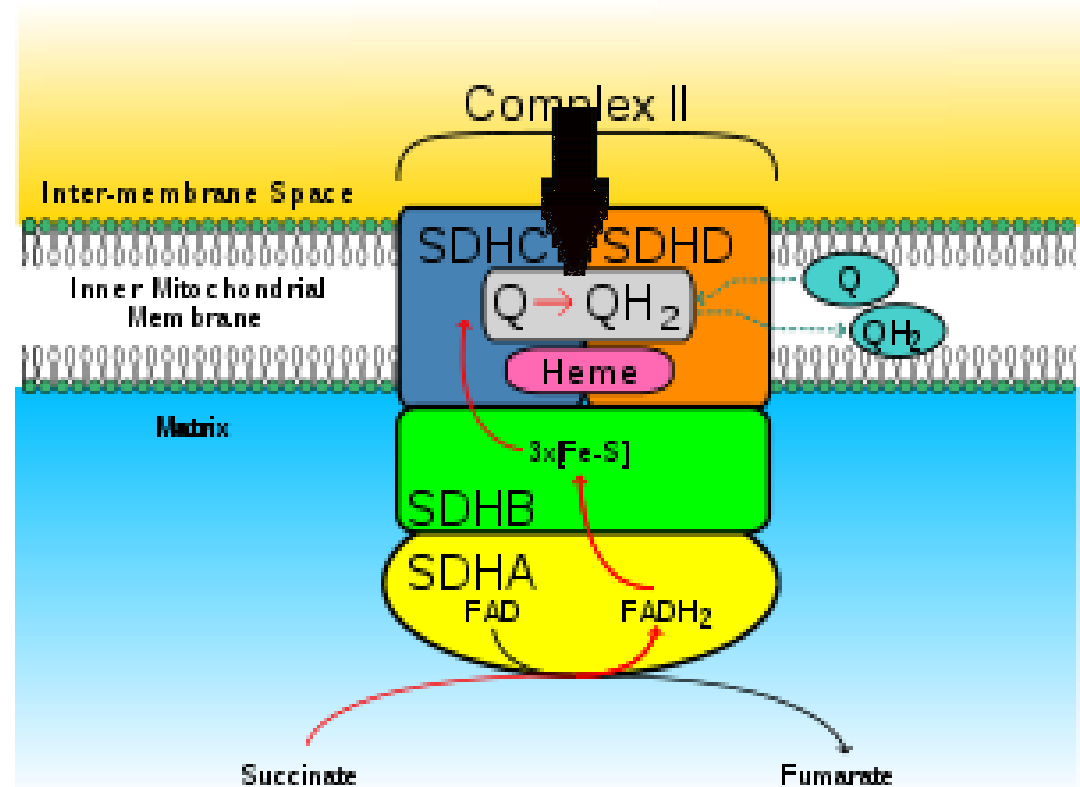
- Mutations found in

A. solani:

B: H277R, H278R/Y

C: H134R

D: D123E, H133R



Wikipedia

Results

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Occurrence of Sdh mutations in *A. solani* :

Summary

- pointmutations in the different Sdh subunits are present in *A. solani* populations in Germany
- mainly in subunit C, but also B and D
- in vitro: clear loss in sensitivity in mutants

Thank you for your attention