

Electronic supplementary material

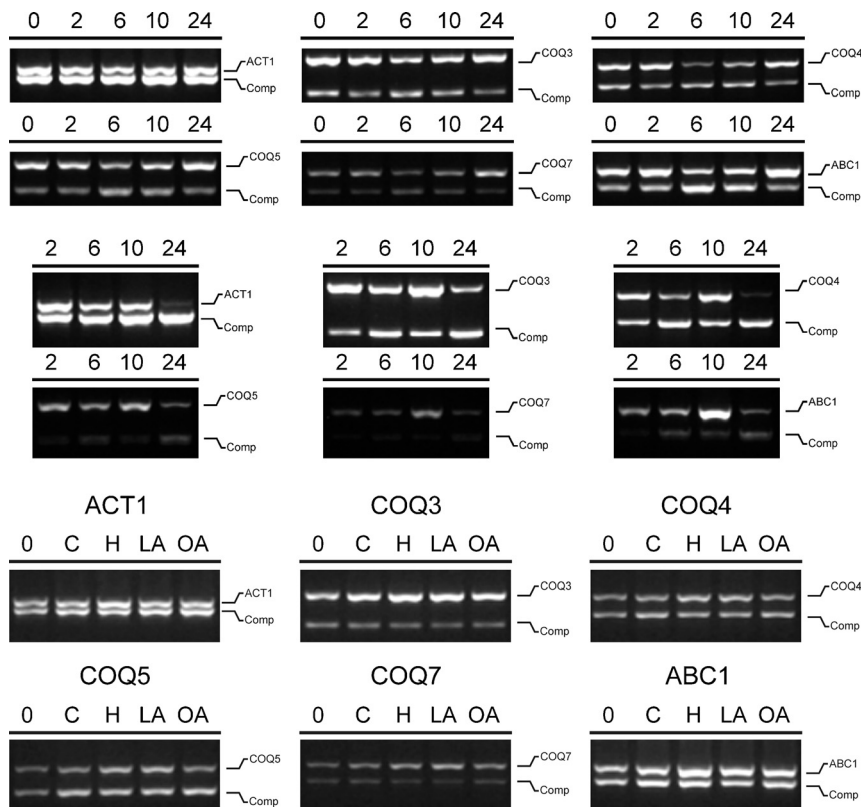


Figure S1. See Figure 4 and 5 legend of the manuscript.

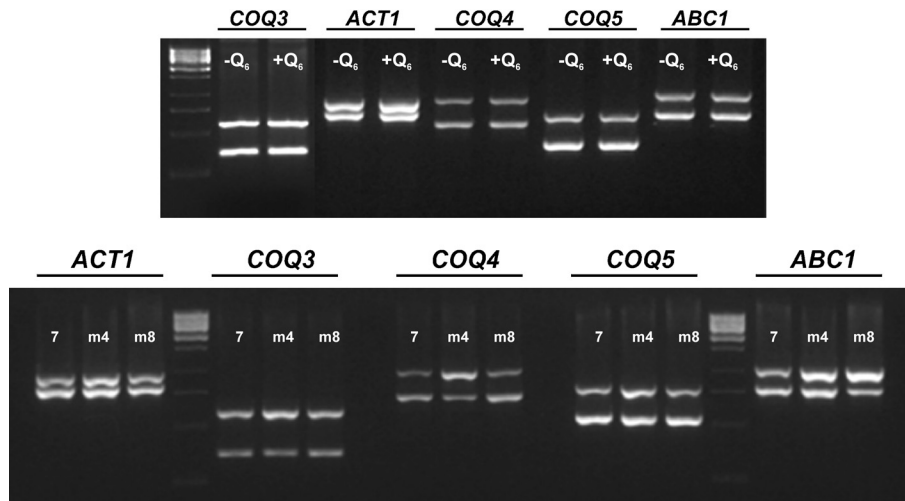


Figure S2. See Figure 7 and 8 legend of the manuscript.

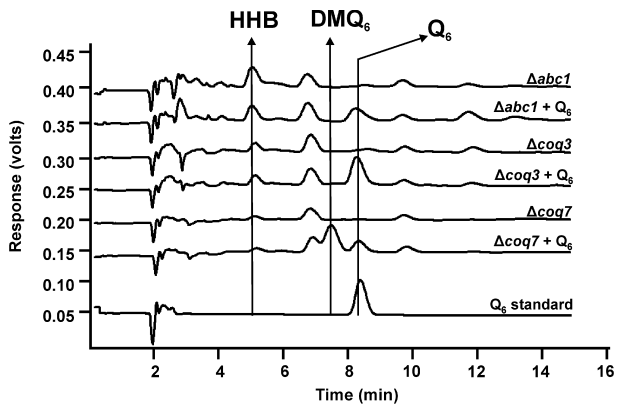


Figure S3. Quinone content in *coq7* null yeast mutants cultured in the presence of exogenously added Q₆. Yeast strain *coq3*, *coq7*, or *abc1/coq8* null mutants were cultured in YPD. Where indicated, media was also supplemented with 2 μ M Q₆. Cells were collected and subjected to lipid extraction and separation by RP-HPLC coupled to an electrochemical detector (ECD) in order to detect quinones (coenzyme Q₆) or intermediates (DMQ₆ and HHB) as was indicated in the arrows. Data showed correspond to a representative experiment of a set of two.

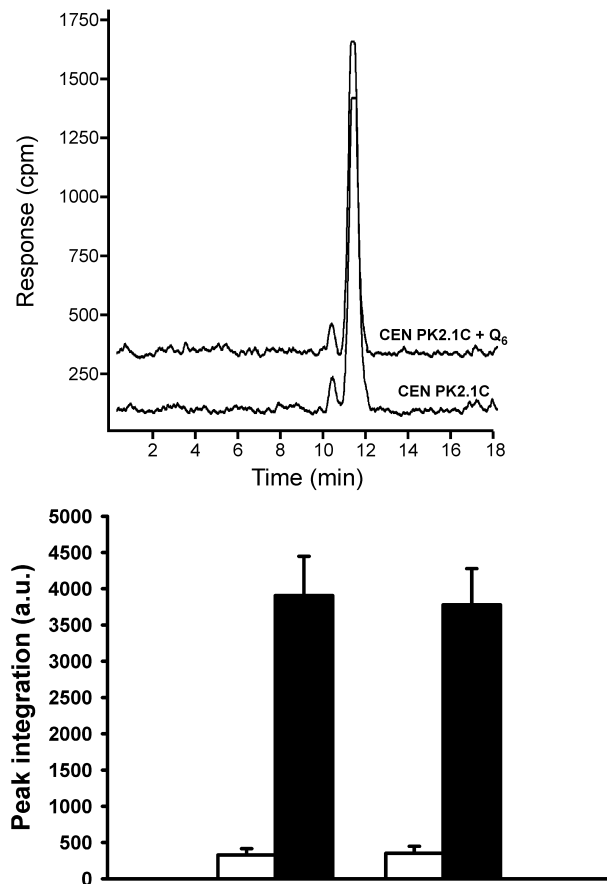


Figure S4. Wild type strain CEN.PK2-1C is non-affected after the growth in presence of exogenous coenzyme Q₆. (A) The strain was cultured in YPD in presence of [*U*-¹⁴C] *p*-hydroxybenzoic acid. Where indicated, media was also supplemented with 2 μM Q₆. Cells were collected and subjected to lipid extraction and separation by RP-HPLC coupled to a radiometric detector in order to detect ¹⁴C-Q₆ and ¹⁴C-Q₆-intermediates. Shown data correspond to a representative experiment of a set of two. (B) Quantification of quinone peaks. Data correspond to two independent experiments (different cultures and lipid extractions) injected three times in the RP-HPLC system. Black bars Q₆; white bars DMQ₆. Data are expressed as the average of three determinations ± SD as arbitrary units obtained after the integration of peaks. As background level was used 50 cpm.