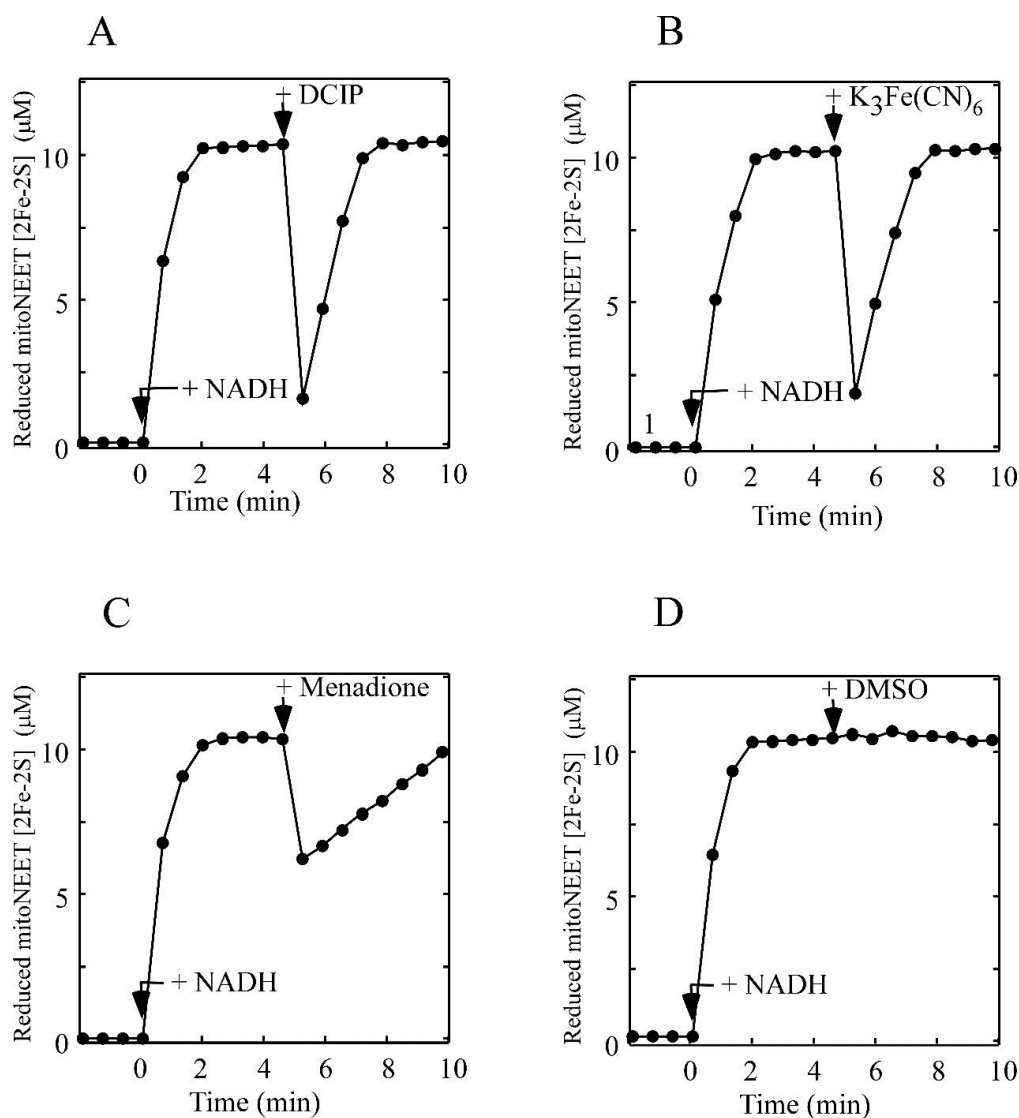


Supplemental Data

The mitochondrial outer membrane protein mitoNEET is a redox enzyme catalyzing electron transfer from FMNH₂ to oxygen or ubiquinone

Yiming Wang, Aaron P. Landry, and Huangen Ding



Supplemental Figure. Oxidation of the reduced mitoNEET [2Fe-2S] clusters by other oxidants. MitoNEET (containing 10 μM [2Fe-2S] clusters) was pre-reduced with FMN (0.1 μM) and NADH (50 μM) and flavin reductase (0.1 μM) under anaerobic conditions. Each oxidant (10 μM) was injected into the incubation solution anaerobically as indicated. The reduced mitoNEET [2Fe-2S] clusters were measured from the different absorption at the peaks of 455 nm and 420 nm, and plotted as function of the incubation time. **A**), dichlorophenolindophenol (DCIP); **B**), K₃Fe(CN)₆; **C**), menadione dissolved in DMSO; **D**), DMSO.