

Supplementary Figures

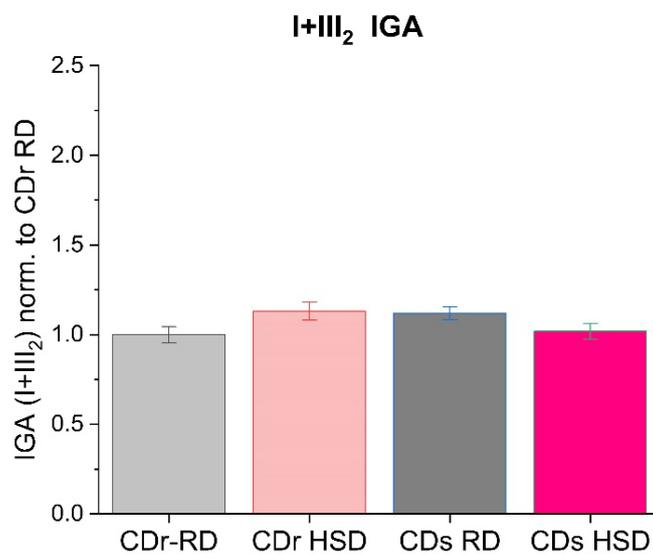


Figure S1. Complex I-related in-gel activity is unaltered in the I+III₂ supercomplex. Data are reported as % of CDr RD set to 100% and derived from three independent experiments using mitochondria from three distinct Cohen diabetes-resistant (CDr) and Cohen diabetes-sensitive (CDs) rat livers. RD, regular diet; HSD, high sucrose low copper diet.

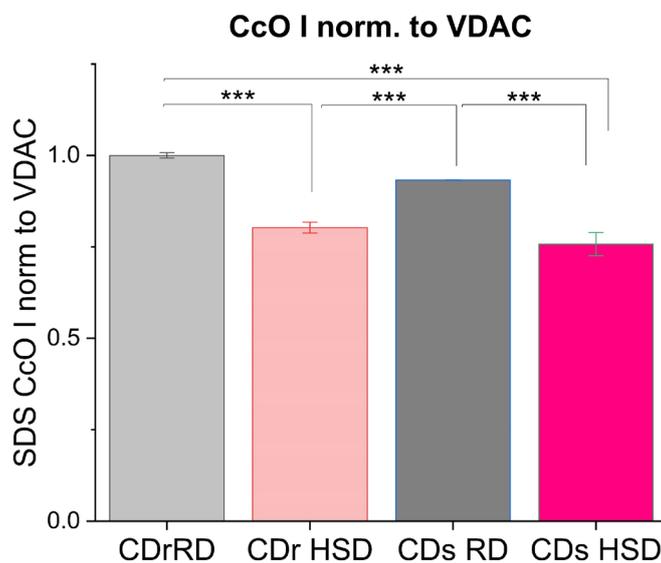


Figure S2. Decrease in CcO subunit I content in HSD strains. Quantitation of CcO subunit I normalized to total VDAC. Data are reported as % of CDr RD set to 100% and derived from three independent experiments using mitochondria from three distinct Cohen diabetes-resistant (CDr) and Cohen diabetes-sensitive (CDs) rat livers. RD, regular diet; HSD, high sucrose low copper diet; ***, $p < 0,001$.

Supplementary Tables

Table S1. Summary of Two-Way ANOVA results of Figure 3.

	IGA Band	Strain Effect	Diet Effect	Interaction Effect
Complex IV IGA	IV	ns.	$F= 44.941$ $p < 0.001$	$F= 10.267$ $p= 0.003$
	IV ₂	ns.	$F= 26.597$ $p < 0.001$	$F= 10.521$ $p= 0.001$
	III ₂ +IV	ns.	$F= 18.438$ $P < 0.001$	$F= 7.365$ $p= 0.001$
Complex I IGA	I	ns.	$F= 11.736$ $p < 0.003$	ns.
	I+III ₂	ns.	ns.	$F= 7.031$ $p=0.02$
	I+III ₂ +IV	ns.	ns.	$F= 21.21$ $p < 0.001$
	I+III ₂ +IV _n	ns.	$F= 16.640$ $p < 0.001$	ns.

ns: not significant