

Table S1 A list of full terms

Full term	Abbreviation
heart failure	HF
ferredoxin 1	FDX1
mitochondrial electron transfer chain	mtETC
tricarboxylic acid	TCA
reactive oxygen species	ROS
superoxide dismutase 1	Sod1
cytochrome c oxidase	CcO
adenosine triphosphate	ATP
nicotinamide adenine dinucleotide	NADH
flavin adenine dinucleotide	FADH2
adenosine diphosphate	ADP
angiotensin-converting enzyme inhibitors	ACEI
Posttranslational modifications	PTMs
acetyl coenzyme A	acetyl-CoA
pyruvate dehydrogenase	PDH
sirtuin 3	SIRT3
mitochondrial permeability transition pore	mPTP
oxidative phosphorylation	OXPPOS
glutathione peroxidase 1	Gpx1
Mitochondrial ROS	mtROS
iron-sulfur	Fe-S
dihydrolipoamide branched chain transacylase E2	DBT
glycine cleavage system protein H	GCSH
dihydrolipoamide S-succinyltransferase	DLST
dihydrolipoamide S-acetyltransferase	DLAT
peroxisome proliferator-activated receptor gamma coactivator-1 α	Pgc-1 α
solute carrier family 31 member 1	SLC31A1
ATPase copper transporting beta	ATP7B