S3 Table S3. Normalized mRNA levels of individual genes expressed in young CD8+ T cells, ranked in descending order of expression (n=6).

Symbol	Protein Name	Mean ΔCt ± SEM	% CV
CYBA	P22-phox	3.77 ± 0.4	10.64
CCL5	Chemokine (C-C motif) ligand 5	3.58 ± 0.68	19.06
SOD1	Superoxide dismutase 1, soluble	4.19 ± 0.23	5.56
GPX4	Glutathione peroxidase 4 (phospholipid hydroperoxidase)	4.38 ± 0.40	9.24
PRDX6	Peroxiredoxin 6	4.60 ± 0.30	6.48
GTF2I	General transcription factor IIi	4.79 ± 0.28	5.93
PRDX3	Peroxiredoxin 3	4.61 ± 0.46	9.98
PRDX2	Peroxiredoxin 2	4.78 ± 0.35	7.24
GPX1	Glutathione peroxidase 1	5.17 ± 0.23	4.48
CSDE1	Cold shock domain containing E1, RNA-binding	5.19 ± 0.23	4.48
FOXM1	Forkhead box M1	5.39 ± 0.18	3.44
PRDX5	Peroxiredoxin 5	5.38 ± 0.28	5.25
ATOX1	ATX1 antioxidant protein 1 homolog (yeast)	5.60 ± 0.21	3.70
TXNRD1	Thioredoxin reductase 1	6.17 ± 0.08	1.33
DHCR24	24-dehydrocholesterol reductase	6.38 ± 0.18	2.83
RNF7	Ring finger protein 7	6.58 ± 0.21	3.13
SOD2	Superoxide dismutase 2, mitochondrial	6.59 ± 0.21	3.12
OXSR1	Oxidative-stress responsive 1	6.98 ± 0.10	1.47
CAT	Catalase	6.78 ± 0.4	5.92
PRDX4	Peroxiredoxin 4	6.99 ± 0.36	5.18
MGST3	Microsomal glutathione S-transferase 3	7.18 ± 0.23	3.22
MPV17	MpV17 mitochondrial inner membrane protein	7.18 ± 0.23	3.21
GLRX2	Glutaredoxin 2	7.39 ± 0.18	2.49
GSS	Glutathione synthetase	7.37 ± 0.28	3.81
BNIP3	BCL2/adenovirus E1B 19kDa interacting protein 3	7.38 ± 0.34	4.62
SELS	Selenoprotein S	7.78 ± 0.28	3.62
STK25	Serine/threonine kinase 25	7.98 ± 0.10	1.24
TXNRD2	Thioredoxin reductase 2	7.79 ± 0.34	4.43
NUDT1	Nudix (nucleoside diphosphate linked moiety X)-type motif 1	8.18 ± 0.09	1.04
PNKP	Polynucleotide kinase 3'-phosphatase	7.99 ± 0.31	3.89
GPX7	Glutathione peroxidase 7	8.00 ± 0.31	3.89
OXR1	Oxidation resistance 1	8.19 ± 0.23	2.85
PRDX1	Peroxiredoxin 1	8.19 ± 0.30	3.70
CCS	Copper chaperone for superoxide dismutase	8.80 ± 0.19	2.13
IPCEF1	Interaction protein for cytohesin exchange factors 1	8.57 ± 0.58	6.78
MTL5	Metallothionein-like 5, testis-specific (tesmin)	8.97 ± 0.31	3.46
SIRT2	Sirtuin 2	9.01 ± 0.38	4.20
PREX1	Phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1	9.18 ± 0.23	2.49
GSTZ1	Glutathione transferase zeta 1	9.19 ± 0.37	4.07
NCF2	Neutrophil cytosolic factor 2	9.38 ± 0.39	4.20
NCF1	Neutrophil cytosolic factor 1	9.00 ± 0.89	9.91

SRXN1	Sulfiredoxin 1	10.18 ± 0.23	2.26
MSRA	Methionine sulfoxide reductase A	10.18 ± 0.3	2.93
DUSP1	Dual specificity phosphatase 1	10.19 ± 0.43	4.19
GPX3	Glutathione peroxidase 3 (plasma)	10.37 ± 0.49	4.76
SEPP1	Selenoprotein P, plasma, 1	10.57 ± 0.29	2.80
PRNP	Prion protein	11.01 ± 0.10	0.90
GSR	Glutathione reductase	10.78 ± 0.34	3.17
PDLIM1	PDZ and LIM domain 1	10.98 ± 0.3	2.79
TTN	Titin	11.19 ± 0.42	3.79
MT3	Metallothionein 3	11.4 ± 0.73	6.40
ANGPTL7	Angiopoietin-like 7	12.17 ± 0.23	1.87
ALOX12	Arachidonate 12-lipoxygenase	12.17 ± 0.42	3.48
EPX	Eosinophil peroxidase	12.58 ± 0.41	3.29
DUOX1	Dual oxidase 1	12.78 ± 0.34	2.68
SFTPD	Surfactant protein D	12.57 ± 0.76	6.07
PXDN	Peroxidasin homolog (Drosophila)	13.21 ± 0.62	4.70
GPX2	Glutathione peroxidase 2 (gastrointestinal)	13.99 ± 0.47	3.36