

S2 Table. Exhaustive list of fold changes and their corresponding p-values in targets expressed in CD8+ T cells. A fold change below 1 corresponds to a downregulation ($2^{-\Delta\text{CT}}$).

Symbol	Protein Name	Fold Change Old/Young	p-value
PDLIM1	PDZ and LIM domain 1	0.17	0.01
ANGPTL7	Angiopoietin-like 7	2.93	0.01
MTL5	Metallothionein-like 5, testis-specific (tesmin)	0.45	0.01
NUDT1	Nudix (nucleoside diphosphate linked moiety X)-type motif 1	0.99	0.01
TTN	Titin	2.14	0.01
DUOX1	Dual oxidase 1	1.68	0.03
GPX3	Glutathione peroxidase 3 (plasma)	2.55	0.04
GLRX2	Glutaredoxin 2	0.47	0.06
PRNP	Prion protein	1.45	0.07
TXNRD1	Thioredoxin reductase 1	0.31	0.08
PRDX1	Peroxiredoxin 1	0.74	0.13
CCL5	Chemokine (C-C motif) ligand 5	3.81	0.15
TXNRD2	Thioredoxin reductase 2	1.15	0.18
GPX2	Glutathione peroxidase 2 (gastrointestinal)	2.15	0.20
SEPP1	Selenoprotein P, plasma, 1	0.34	0.21
ATOX1	ATX1 antioxidant protein 1 homolog (yeast)	0.50	0.22
BNIP3	BCL2/adenovirus E1B 19kDa interacting protein 3	1.12	0.23
CCS	Copper chaperone for superoxide dismutase	0.22	0.23
PX1	Glutathione peroxidase 1	0.18	0.23
PREX1	Phosphatidylinositol-3,4,5-trisphosphate-dependent Rac exchange factor 1	0.90	0.24
PRDX5	Peroxiredoxin 5	0.80	0.29
CSDE1	Cold shock domain containing E1, RNA-binding	0.49	0.30
SIRT2	Sirtuin 2	1.25	0.32
FOXM1	Forkhead box M1	1.78	0.33
GTF2I	General transcription factor Iii	0.52	0.34
GSS	Glutathione synthetase	0.26	0.37
NCF1	Neutrophil cytosolic factor 1	9.32	0.42
ALOX12	Arachidonate 12-lipoxygenase	0.60	0.46
STK25	Serine/threonine kinase 25	4.65	0.46
GPX4	Glutathione peroxidase 4 (phospholipid hydroperoxidase)	0.02	0.47
SELS	Selenoprotein S	0.10	0.48
MPV17	MpV17 mitochondrial inner membrane protein	0.57	0.49
MGST3	Microsomal glutathione S-transferase 3	0.49	0.50
GSR	Glutathione reductase	0.73	0.51
PRDX2	Peroxiredoxin 2	0.75	0.51
SOD1	Superoxide dismutase 1, soluble	6.52	0.51
SRXN1	Sulfiredoxin 1	0.12	0.52
CAT	Catalase	122.49	0.56
MSRA	Methionine sulfoxide reductase A	0.79	0.57
MT3	Metallothionein 3	0.28	0.59
NCF2	Neutrophil cytosolic factor 2	1.49	0.59

OXR1	Oxidation resistance 1	0.02	0.59
GPX7	Glutathione peroxidase 7	0.17	0.60
EPX	Eosinophil peroxidase	0.83	0.64
CYBA	P22-phox	0.41	0.65
GSTZ1	Glutathione transferase zeta 1	1.89	0.65
PRDX6	Peroxiredoxin 6	3.93	0.65
IPCEF1	Interaction protein for cytohesin exchange factors 1	0.65	0.66
PRDX4	Peroxiredoxin 4	2.87	0.70
SOD2	Superoxide dismutase 2, mitochondrial	0.33	0.70
DUSP1	Dual specificity phosphatase 1	4.56	0.71
RNF7	Ring finger protein 7	6.55	0.71
SFTPD	Surfactant protein D	3.35	0.72
DHCR24	24-dehydrocholesterol reductase	0.57	0.82
PRDX3	Peroxiredoxin 3	1.60	0.84
OXSR1	Oxidation resistance 1	2.20	0.95
PNKP	Polynucleotide kinase 3'-phosphatase	1.59	0.98