

Table S1. Clinical characteristics of sepsis patients and healthy control individuals, Related to Figure 1 (Zeng et al., 2017)

	Control group (n=16)	Sepsis group (n=16)
Age, mean (SD)	38.9 (18.9)	48.5 (14.3)
Gender N (%)		
Male	10 (62.5%)	12 (75%)
Female	6 (37.5%)	4 (25%)
Simplified Acute Physiology Score II, mean (SD)	NA	5.8 (2.4)
In-hospital mortality, N (%)		
Yes	NA	4 (25)
No	NA	12 (75)
Length of stay, d, median (range)	NA	24.5 (3, 49)

NA, not applicable

Table S2. Primers used for qPCR, related to STAR Methods

REAGENT or RESOURCE	SOURCE	IDENTIFIER
Human <i>Gpx1</i> primer_F: 5'- GTGCTCGGCTTCCCGTGCAAC-3'	This paper	N/A
Human <i>Gpx1</i> primer_R: 5'- CTCGAAGAGCATGAAGTTGGGC-3'	This paper	N/A
Mouse <i>Gpx1</i> primer_F: 5'- CGCTCTTTACCTTCCTGCGGAA-3'	This paper	N/A
Mouse <i>Gpx1</i> primer_R: 5'- AGTTCCAGGCAATGTCGTTGCG-3'	This paper	N/A
Human <i>Gpx2</i> primer_F: 5'- TGCAACCAATTTGGACATCAG -3'	This paper	N/A
Human <i>Gpx2</i> primer_R: 5'- AGACAGGATGCTCGTTCTGC -3'	This paper	N/A
Mouse <i>Gpx2</i> primer_F: 5'- ACCGATCCCAAGCTCATCAT -3'	This paper	N/A
Mouse <i>Gpx2</i> primer_R: 5'- CAAAGTTCCAGGACACGTCTGA -3'	This paper	N/A
Human <i>Gpx3</i> primer_F: 5'- TACGGAGCCCTCACCATTGATG-3'	This paper	N/A
Human <i>Gpx3</i> primer_R: 5'- CAGACCGAATGGTGCAAGCTCT-3'	This paper	N/A
Mouse <i>Gpx3</i> primer_F: 5'- ATCCTGCCTTCTGTCCCTGCTC-3'	This paper	N/A
Mouse <i>Gpx3</i> primer_R: 5'- TGGTGAGGGCTCCATACTCGTA-3'	This paper	N/A
Human <i>Gpx4</i> primer_F: 5'- ACAAGAACGGCTGCGTGGTGAA-3'	This paper	N/A
Human <i>Gpx4</i> primer_R: 5'- GCCACACACTTGTGGAGCTAGA-3'	This paper	N/A

Mouse <i>Gpx4</i> primer_F: 5'- CCTCTGCTGCAAGAGCCTCCC-3'	This paper	N/A
Mouse <i>Gpx4</i> primer_R: 5'- CTTATCCAGGCAGACCATGTGC-3'	This paper	N/A
Human <i>Gpx5</i> primer_F: 5'- GGCAAGCACATCCTCTTCGTCA-3'	This paper	N/A
Human <i>Gpx5</i> primers_R: 5'- GTTATCTCCTGGTTCTTGCTTTCC-3'	This paper	N/A
Mouse <i>Gpx5</i> primer_F: 5'- TGTGGCTACCTATTGCGGTCTG-3'	This paper	N/A
Mouse <i>Gpx5</i> primer_R: 5'- TTGTCTCCTGGTTCTTGCTTTCC-3'	This paper	N/A
Human <i>Gpx6</i> primer_F: 5'- ATGAGTACGGAGCCAACACC-3'	This paper	N/A
Human <i>Gpx6</i> primer_R: 5'- CATGGAAAGCCCAAACACT-3'	This paper	N/A
Mouse <i>Gpx6</i> primer_F: 5'- GGAGCCAACACCATAGATGGTG -3'	This paper	N/A
Mouse <i>Gpx6</i> primer_R: 5'- CGTTGAATGGCTTCAGCTCCTC-3'	This paper	N/A
Human <i>Gpx7</i> primer_F: 5'- CGACTTCAAGGCGGTCAACATC -3'	This paper	N/A
Human <i>Gpx7</i> primer_R: 5'- TCGGTAGTGCTGGTCTGTGAAG -3'	This paper	N/A
Mouse <i>Gpx7</i> primer_F: 5'- CGACTTCAAGGCGGTCAACATC -3'	This paper	N/A
Mouse <i>Gpx7</i> primer_R: 5'- AAGGCTCGGTAGTTCTGGTCTG -3'	This paper	N/A
Human <i>Gpx8</i> primer_F: 5'- CTAGGATCTGAAGGAGAACCTGC -3'	This paper	N/A

Human <i>Gpx8</i> primer_R: 5'- GCCTGATGACTTCAATGGGCTC -3'	This paper	N/A
Mouse <i>Gpx8</i> primer_F: 5'- TGCGAGACAGAACTACGGAGTC -3'	This paper	N/A
Mouse <i>Gpx8</i> primer_R: 5'- TTCCACCTTGGCTCCTTCTTGG -3'	This paper	N/A
Mouse <i>18S RNA</i> primer_F: 5'- GCAATTATTCCCCATGAACG-3'	This paper	N/A
Mouse <i>18S RNA</i> primer_R: 5'- GGCCTCACTAAACCATCCAA-3'	This paper	N/A
Human <i>18S RNA</i> primer_F: 5'- CTACCACATCCAAGGAAGCA-3'	This paper	N/A
Human <i>18S RNA</i> primer_R: 5'- TTTTTCGTCACTACCTCCCCG-3'	This paper	N/A
Mouse <i>IL-1β</i> primer_F: 5'- TGGACCTTCCAGGATGAGGACA-3'	This paper	N/A
Mouse <i>IL-1β</i> primer_R: 5'- GTTTCATCTCGGAGCCTGTAGTG-3'	This paper	N/A
Mouse <i>caspase-11</i> primer_F: 5'- GTGGTGAAAGAGGAGCTTACAGC-3'	This paper	N/A
Mouse <i>caspase-11</i> primer_R: 5'- GCACCAGGAATGTGCTGTCTGA-3'	This paper	N/A