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$\alpha$ -lipoic acid ameliorates the intestinal epithelial monolayer damage under heat stress conditions.

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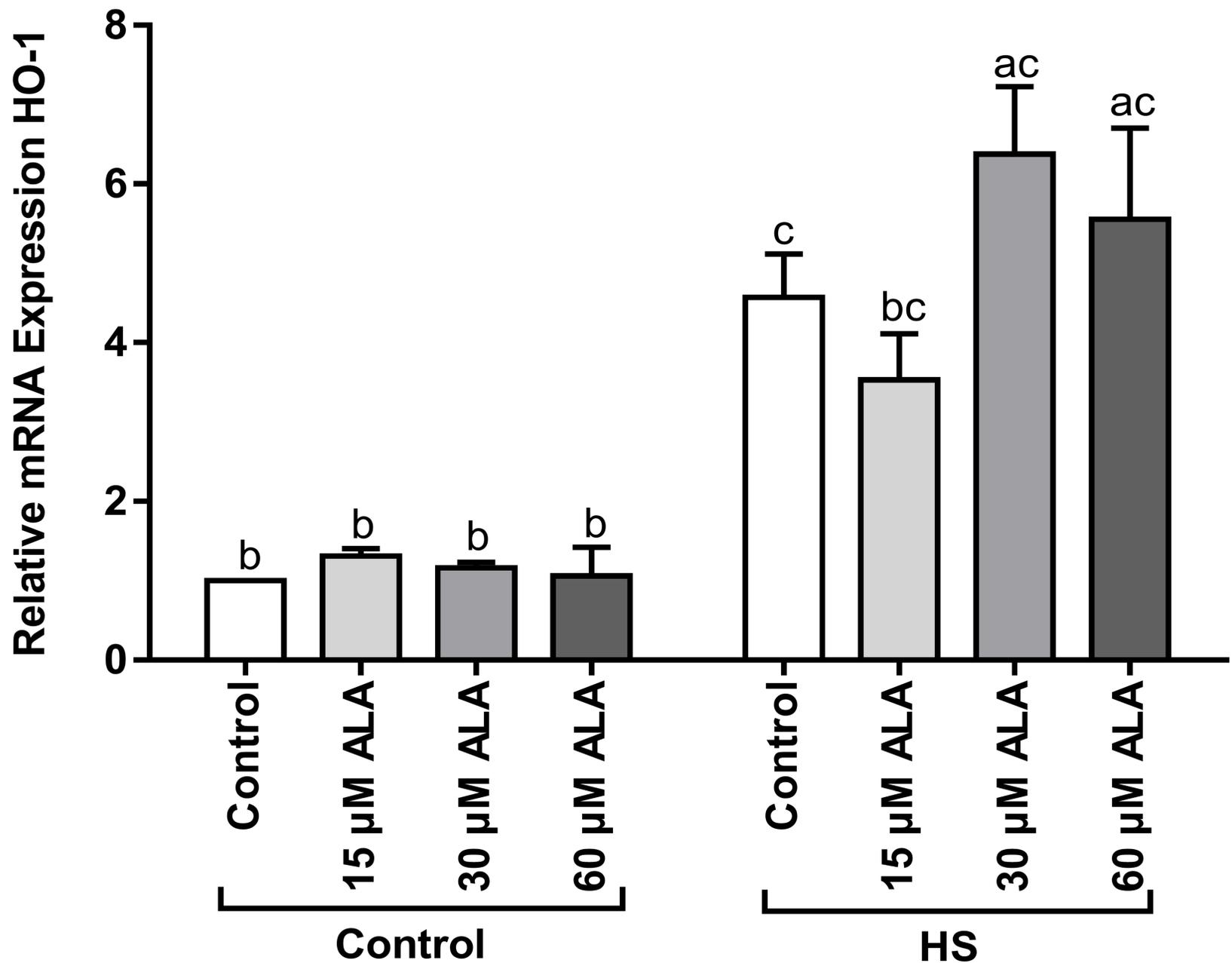
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#### Supplementary Figure 4

HO-1 mRNA expression is increased after HS exposure. Caco-2 cells grown on inserts and pretreated with ALA (24h) were exposed to HS (42°C) for 6h (qRT-PCR) to evaluate the expression of HO-1 in mRNA level. Results are expressed as mRNA expression (normalized with  $\beta$ -actin) relative to unstimulated cells as mean  $\pm$  SEM of three independent experiments. Different lower-case denote significant differences among groups.