

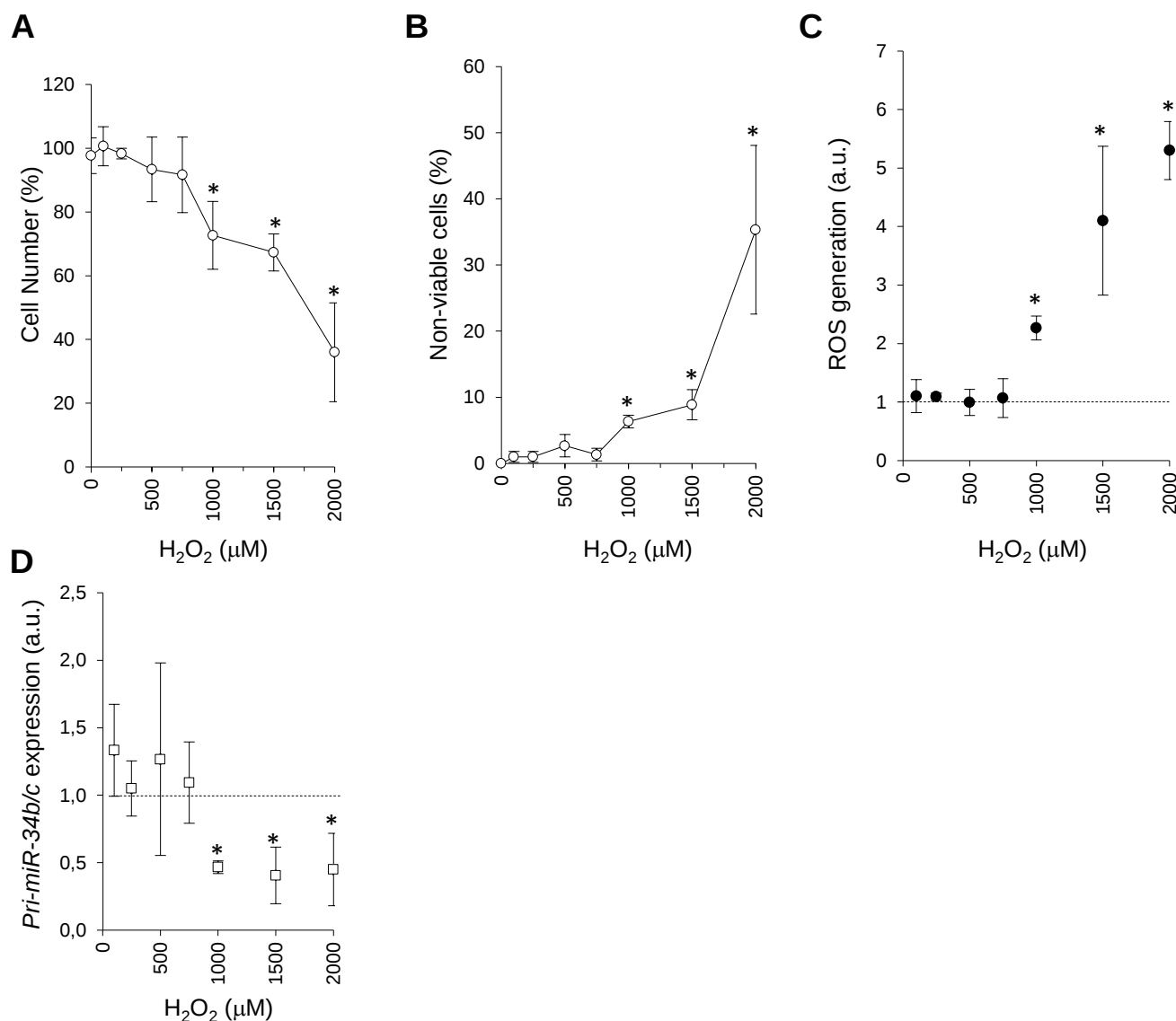
MicroRNA-34b/c is involved in the response of human liver cells to the *Corylus avellana* L. hazelnut extract

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Supplementary Fig. 2 Characterization of the oxidative damage carried out in THLE-2 cells upon exposure to H_2O_2 (dose ranging from 100 to 2000 μM for 24h). Evaluation of **(A)** cell number percentage (hemocytometer count), **(B)** non-viable cell percentage (trypan blue assay), **(C)** ROS generation (H_2DCF -DA labeling and FACS analysis) and **(D)** *pri-miR-34b/c* gene expression (real-time PCR). Values are expressed as Mean $\pm$ S.D., calculated in N=3 independent experiments. *P < 0.05 refers to H_2O_2 -treated cells versus untreated cells.