

**Supplementary Fig S2.** Cell survival of single cybrids after treatment with hydrogen peroxide. Cell survival of haplogroup H (gray rectangles) and haplogroup T (black rectangels) cybrids was measured 24 hours after  $H_2O_2$  treatment and calculated as percentage to cells without treatment (% cell survival). (A) Cell survival in glucose medium without serum and without sodium pyruvate and treated with 250  $\mu$ M  $H_2O_2$ . (B) Cell survival in glucose medium without serum and without sodium pyruvate and treated with 325  $\mu$ M  $H_2O_2$ . (C) Cell survival in glucose medium without serum and without sodium pyruvate and treated with 400  $\mu$ M  $H_2O_2$ . (D) Cell survival in glucose medium without serum and without sodium pyruvate and treated with 475  $\mu$ M  $H_2O_2$ . (E) Cell survival in glactose medium without serum and without serum and without sodium pyruvate sodium pyruvate and treated with 200  $\mu$ M  $H_2O_2$ . (F) Cell survival in glactose medium without serum and without serum and without sodium pyruvate sodium pyruvate and treated with 200  $\mu$ M  $H_2O_2$ . (F) Cell survival in glactose medium without serum and without serum and without sodium pyruvate and treated with 200  $\mu$ M  $H_2O_2$ . (F) Cell survival in glactose medium without serum and without serum and without sodium pyruvate and treated with 200  $\mu$ M  $H_2O_2$ . (F) Cell survival in glactose medium without serum and without seru