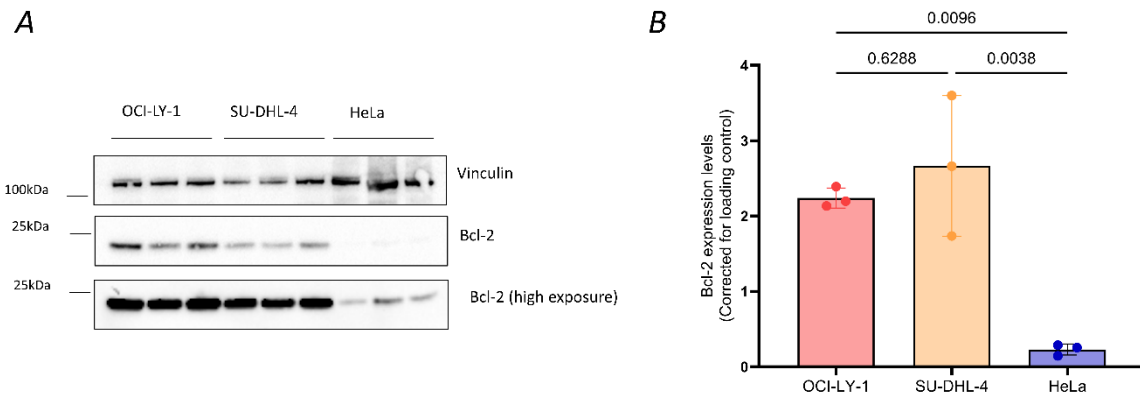
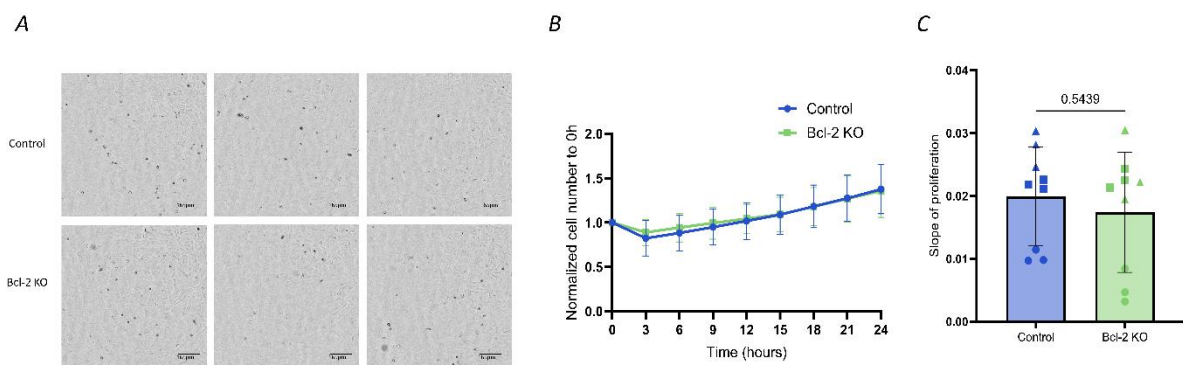


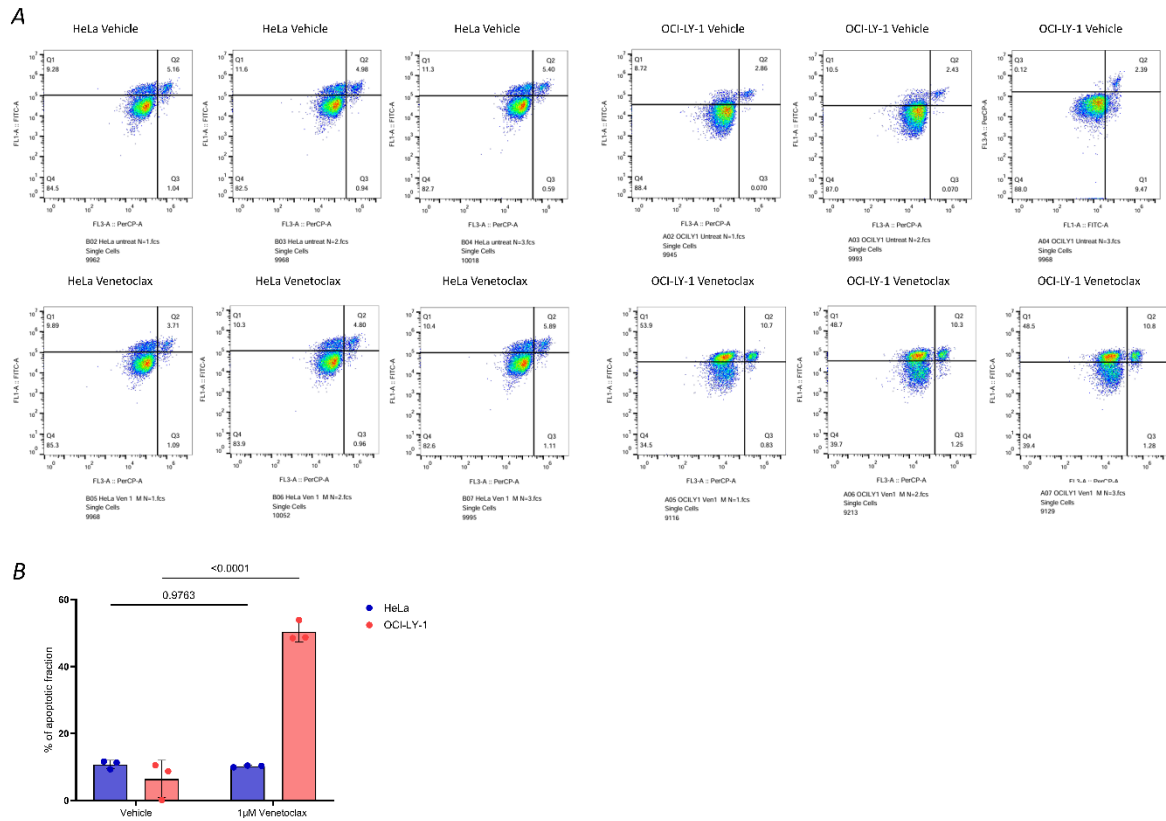
Supplementary figures



Supplementary Fig 1 Bcl-2 expression levels are lower in HeLa cells compared to Bcl-2-dependent cell lines including OCI-LY-1 and SU-DHL-4. **A** Immunoblot of Bcl-2 expression levels in OCI-LY-1, SU-DHL-4 and HeLa cells. **B** Densitometric quantification of Bcl-2 levels, relative to loading control ($n=3$). Statistically significant differences were determined with paired Student's t-test. Differences were considered significant when $p < 0.05$



Supplementary Fig 2 Bcl-2 KO cells show normal cell morphology and proliferation. **A** Representative brightfield images of control cells and Bcl-2 KO cells. Scale bar indicates 165µm. **B** Quantification of the number of control or Bcl-2 KO cells over time, normalized to 0h ($n=3$). **C** Quantification of the slope of the proliferation graph in B. Statistically significant differences were determined with an unpaired t-test. Differences were considered significant when $p < 0.05$



Supplementary Fig 3 HeLa cells are not sensitive to venetoclax-induced cell-death. **A** Apoptosis assay of HeLa wild-type and OCI-LY-1 cells treated with 1 μ M of Venetoclax or vehicle (DMSO) for 6h, and stained with Annexin V-FITC/7-AAD. **B** Quantification of the percentage of apoptotic fraction (Annexin V-FITC positive cells) ($n=3$). Statistically significant differences were determined with two-way ANOVA. Differences were considered significant when $p < 0.05$