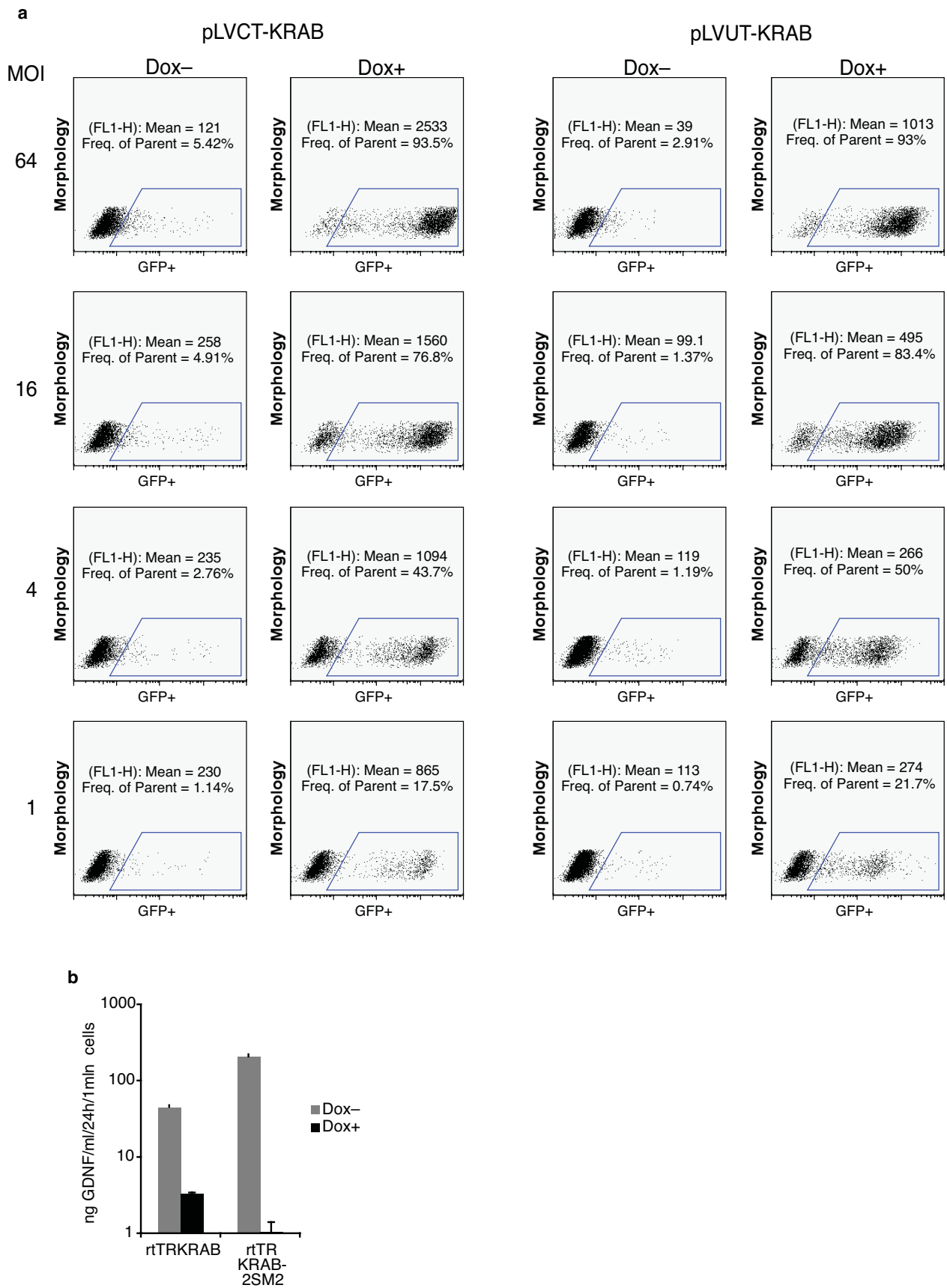


Supplementary Figure 1



In vitro drug-controllable transgene expression.

(a) Dot plot FACS analysis of conditional GFP expression in vitro. 293T cells transduced at indicated MOI with LVCT-GFP-tTRKRAB and LVUT-GFP-tTRKRAB were cultured in the presence or absence of dox for 5 days before FACS analysis.

(b) Comparison between conventional (rtTRKRAB) and optimized (rtTRKRAB-2SM2) Tet-Off KRAB systems. 293T cells were transduced with pLVPT-GDNF-rtTRKRAB or pLVPT-GDNF-rtTRKRAB-2SM2 at MOI 1 and cultured in the presence or absence of dox for 5 days. 24hrs GDNF release was quantified by ELISA in collected medium.