LETTER TO THE EDITOR

Structure-function analysis of the role of megakaryoblastic leukemia 1 in megakaryocyte polyploidization

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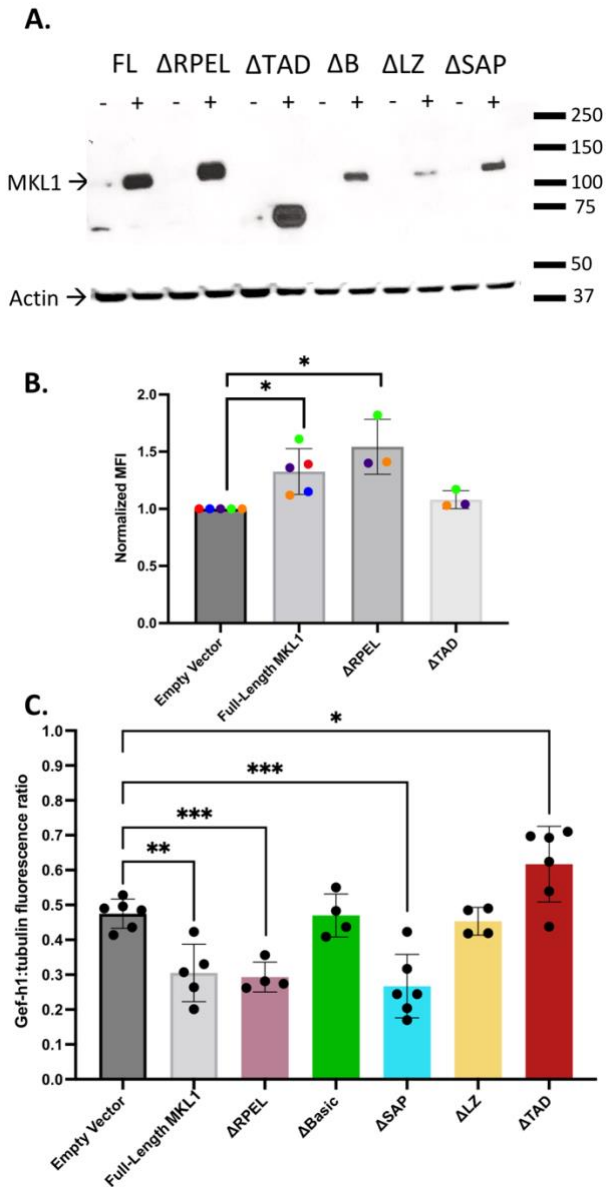

Supplementary Figure 1. A) Validation of deletion constructs in human erythroleukemia (HEL) cells with Dox-inducible expression. (-) and (+) indicate whether Dox was added to induce expression. **B)** MFI of PI for wild-type murine bone marrow-derived megakaryocytes transduced with EV, FL, ΔRPEL, or ΔTAD MKL1 constructs. Each experiment normalized to EV; individual experiments indicated by data point color (FL: $p = 0.011$, n=5; ΔRPEL: $p = 0.029$, n=3). **C)** Ratio of mean GEF-H1 fluorescence to mean tubulin fluorescence within the region of interest surrounding the mitotic spindle in transduced megakaryocyte progenitors (MkP) (FL: $p = 0.0016$, n = 5 cells; ΔRPEL: $p = 0.0002$, n = 4 cells; ΔSAP: $p = 0.0005$, n = 6 cells; ΔTAD: $p = 0.014$, n = 6 cells).