Supplementary Figure 4. PIGA mutant RUNX1/ETO clones have a significantly higher EGFP level than wild-type cells from the same population.

(A) RUNX1/ETO TK6 clones, including a low-expressing clone (*) were analysed for spontaneous PIGA mutation after 8-10 weeks before assaying for mutation frequency (Mf) at PIGA. Example flow cytogram plots show a higher EGFP geometric mean of fluorescence (GMoF) level in PIGA mutant cells (bottom panels) compared to wild-type PIGA cells (top panels) from individual RUNX1/ETO clones. The low RUNX1/ETO-expressing clone (*) showed no difference in EGFP level between PIGA wild-type and mutant cells. (B) Vector control TK6 clones were analysed for spontaneous PIGA mutation after 8-10 weeks before assaying for mutation frequency (Mf) at PIGA. Example flow cytogram plots show similar EGFP geometric mean of fluorescence (GMoF) levels in PIGA mutant cells (bottom panels) compared to wild-type PIGA cells (top panels) from individual vector control clones. GMoF, geometric mean of fluorescence.