



Figure S6. Supplemental data for Figure 5.

(A) Verification of protein expression of mBUB1B alleles in MEFs from Figure 5B & 5C.

(B) Verification of protein expression of mBUB1B alleles in BTIC-G166 cells from Figure 5C.

Bub1b alleles were expressed using pBabe-Neo after viral transduction (MOI=1) and G418 selection.

While full length and KD2 expression appears weak, higher levels attained using the MSCV vector system in (A) significantly reduced cell growth (data not shown).

(C) Confirmation of RNA expression of endogenous human BUB1B and ectopically expressed mBub1b with and without hBUB1B knockdown. Importantly, the human shBUB1B only silenced the endogenous BUB1B gene, having no effect on expression of the mBub1b allele; conversely, expression mBub1b did not affect the penetrance of hBUB1B silencing.