



**Supplementary Figure. S4. Relative expression levels of *WT* vs. *P124S* *MEK1* in the YUKSI *B-RAF/MEK1* double-mutant melanoma short-term culture.** Genomic DNA (gDNA) and cDNA derived from YUKSI were subjected to exon 3 sequencing by the Sanger method. Relative peaks of *WT* vs. *P124S* *MEK1* is shown to be 1:1 for both gDNA and cDNA based on nucleotide chromatograms, showing no allelic bias in RNA expression.