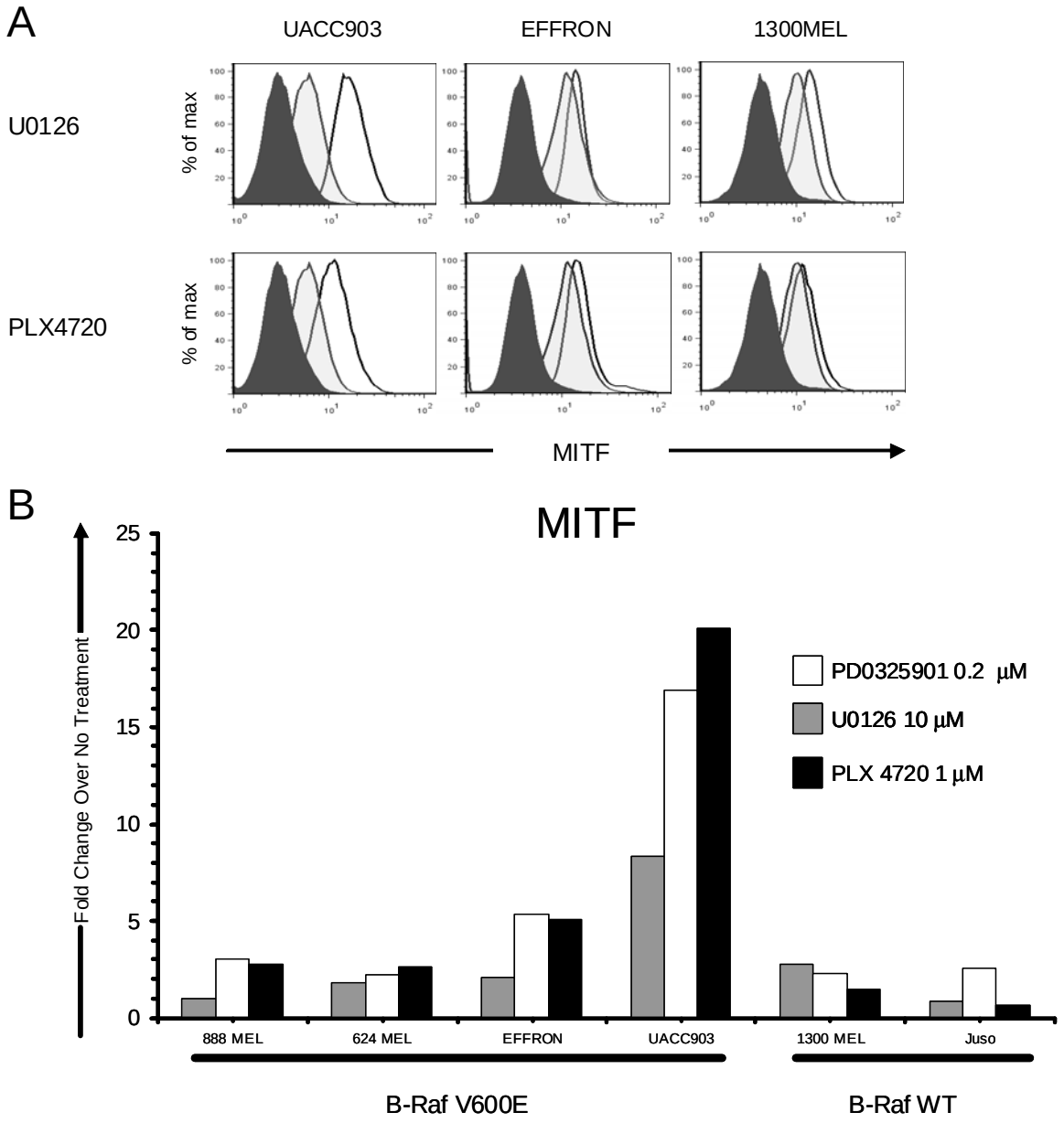
Boni et al, supplementary figure 5



Supplementary figure 5. **MITF levels correlate with increased MDA expression after MAPK pathway inhibition.** Melanoma cell lines were treated with U0126 (10uM) or with PLX4720 (1uM) and MITF protein expression was assessed by flow cytometry. MITF levels for untreated (light gray) and treated (black) lines are shown compared to isotype control (dark gray) (**A)**. mRNA levels of MITF were assayed by qRT-PCR in melanoma cell lines after treatment with MEK inhibitors U0126 (10 uM) and PD0325901 (0.2 uM) and with a selective BRAFV600E inhibitor PLX4720 (1 uM). Expression levels are shown as fold increase over the untreated control (X axis). Experiments were repeated at least 3 times with similar results (**B**).