



Figure S3: (A) Quantitative real-time PCR analysis of LMNB1 and LBR RNA expression in MEL-JUSO and SK-MEL-28 treated with siLMNB1 and siLBR for 72 h. Bars represent mean+SEM, (statistical significance was calculated using t-test with Δ CP values indicated as * = $p \leq 0.05$). **(B)** RNA-sequencing analysis in primary melanoma cells (MEL-JUSO) treated with siCtrl, siLMNB1 or siLBR. LMNB1 and LBR expression compared to siCtrl for knockdown verification. Bars represent mean+SEM, (statistical significance was calculated using t-Test with Δ CP values indicated as * = $p \leq 0.05$). **(C)** Western Blot analysis of LMNB1 and LBR protein expression in MEL-JUSO and SK-MEL-28 treated with siLMNB1 and siLBR for 72 h. Bars represent mean+SEM, (statistical significance was calculated using t-test with Δ CP values indicated as * = $p \leq 0.05$).