

Impact of Metallothionein-Knockdown on Cisplatin Resistance in Malignant Pleural Mesothelioma

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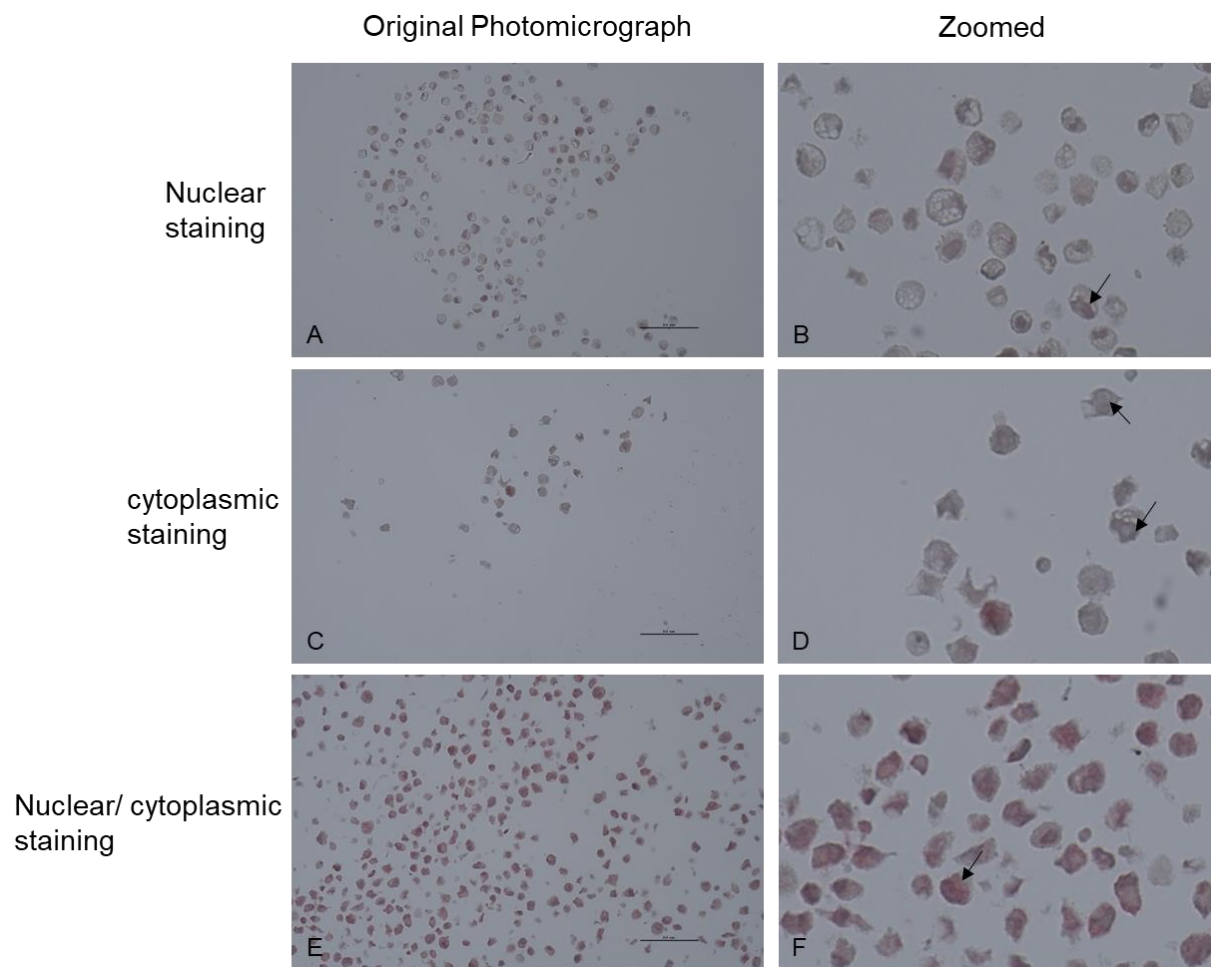
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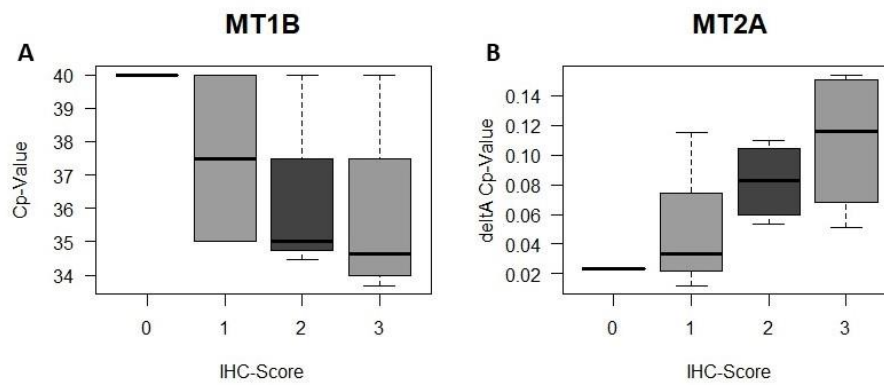
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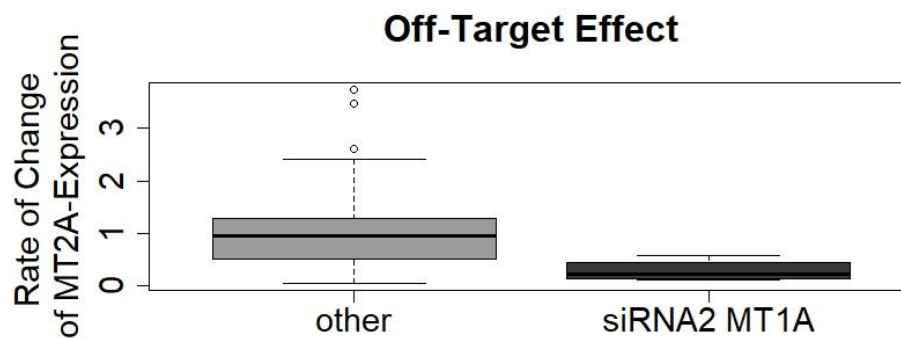
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Supplementary Figure 1: Visual examples for cytoplasmic, nuclear or both staining of MT1/2 in cell lines. A/B: Cells representing nuclear staining of MT1/2. C/D: Cells representing cytoplasmic staining of MT1/2. E/F: Cells representing both nuclear and cytoplasmic staining of MT1/2. Stained cells are exemplarily indicated by arrows in zoomed photomicrographs (B, D and F).



Suppl. Figure 2: Correlation between IHC-score and qPCR results of MT1B and MT2A in all three tested MPM cell lines. MT1B (A) showed proportional correlations, indicating that a strong mRNA expression of MT1B resulted in higher protein yields and thus correlated with a higher Score ($p=0.0012$). This also applies to MT2A (B), as a higher Δ Cp-value correlated with higher scores ($p<0.0001$).



Suppl. Figure 3: Off-target effect of siRNA2 targeting MT1A. The siRNA2 targeting MT1A also targets MT2A significantly ($p<0.0001$). The p-value was calculated by using the Kruskal-Wallis test.