



Supplementary Figure S3. Timecourse for the effect of MI-503 on ATF4 in Ewing sarcoma cell lines. **A**, Representative western blot (30 μ g) for FLI1 (EWS-FLI1), MEN1, and ATF4 protein after 24-72 hours of 3 μ M MI-503 treatment in A673 and **B**, A4573 Ewing sarcoma cells (N=3). **C**, qRT-PCR for *ATF4* and *PSAT1* mRNA expression after 24-72 hours of 3 μ M MI-503 treatment (N=3). **D**, qRT-PCR for *MEN1* mRNA in three Ewing sarcoma cell lines after 96 hours of treatment with 3 μ M MI-503 or DMSO control (N=3). Error bars represent SEM from independent biological replicates. * $p < 0.05$; ** $p < 0.01$; Two-tailed t-test.