A quantitative *LumiFluo* assay to test inhibitory compounds blocking p53 degradation induced by human papillomavirus oncoprotein E6 in living cells

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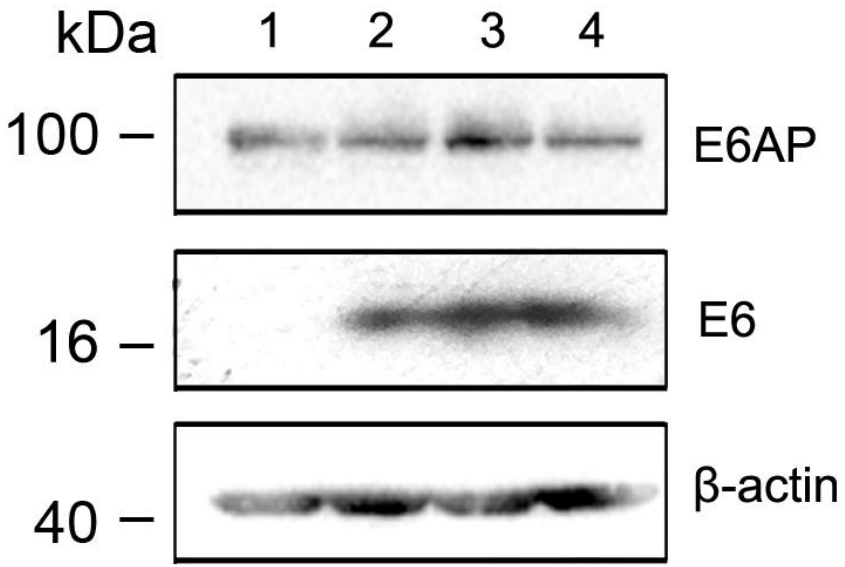
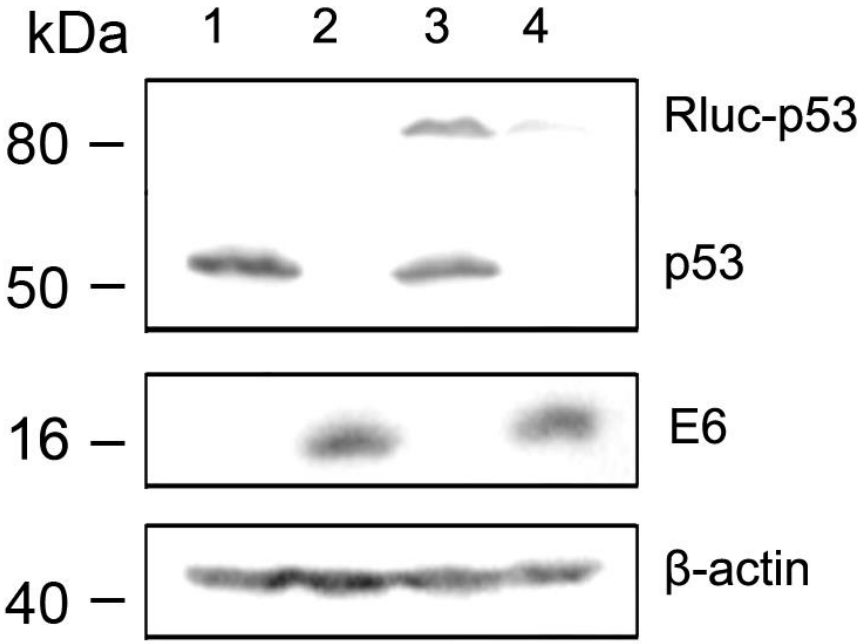


Supplementary Figure 1. Effect of SAHA treatment on the intracellular levels of E6 and E6AP. Western blot analysis of H1299 cells cotransfected with pcDNA3.1-EF-1α-GFP and pcDNA3-Rluc-p53 plasmids along with p513 empty vector (1) or p513-$E6^{DM}$ (2-4). Transfected cells were treated with DMSO (1-2), SAHA 2 μM (3), or SAHA 5 μM (4) for 24 hours. β-actin was used as a loading control.



Supplementary Figure 2. HPV16 E6 can concomitantly target endogenous p53 and ectopically expressed Rluc-p53 to degradation. Western blot analysis of C33A cells transfected with p513 empty vector (1), p513-E6^{DM} (2), pcDNA3-Rluc-p53 (3) or cotransfected with p513-E6^{DM} and pcDNA3-Rluc-p53 (4). β-actin was used as a loading control.