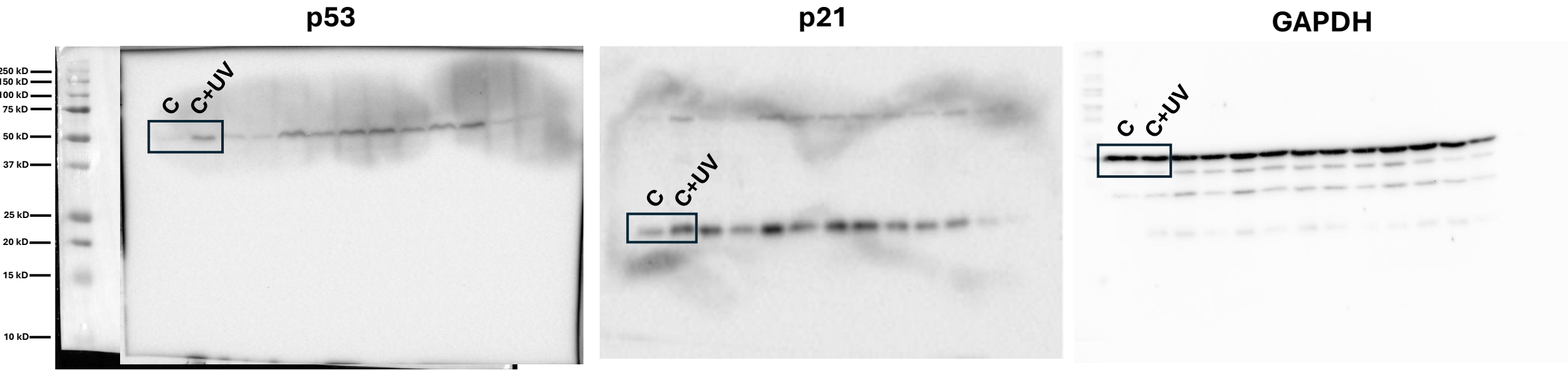


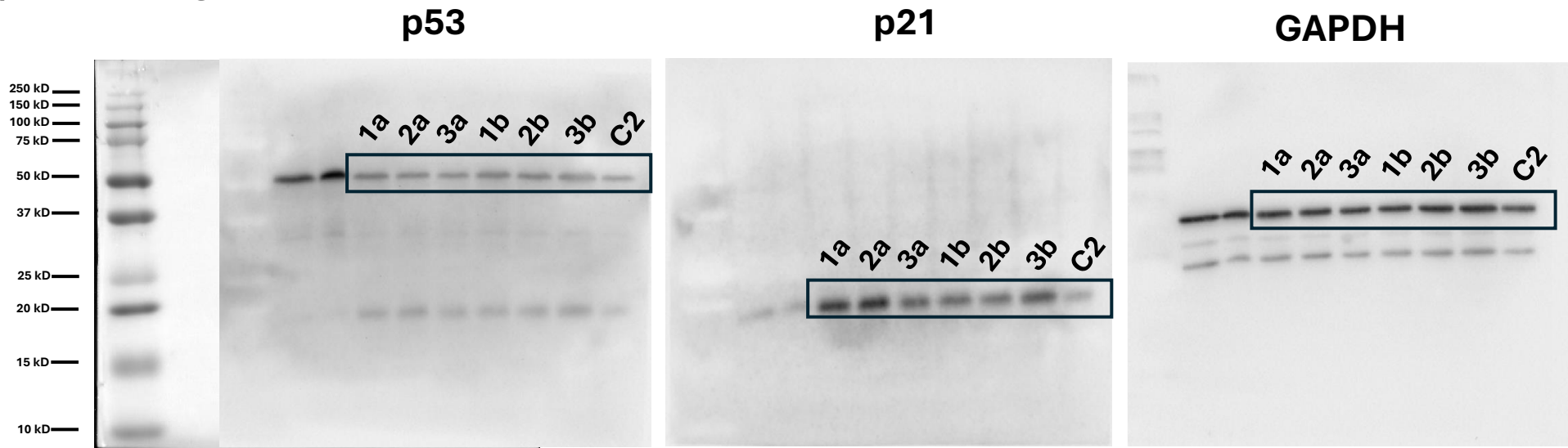
**Figure S1. Toxicity of BTDs and TDPs in primary keratinocytes.** Toxicity was evaluated by MTT assay after 24h and 48h of treatment with compounds 1a-3a and 1b-3b in primary human keratinocytes using 50 and 100uM concentration.

**Figure S2**

*Uncropped blots of Figure 1D*

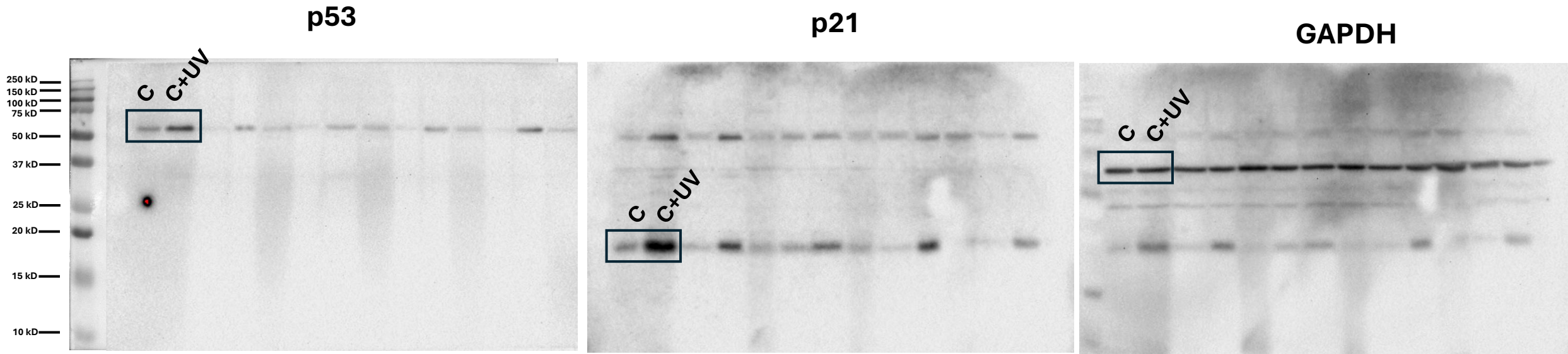


*Uncropped blots of Figure 1E*

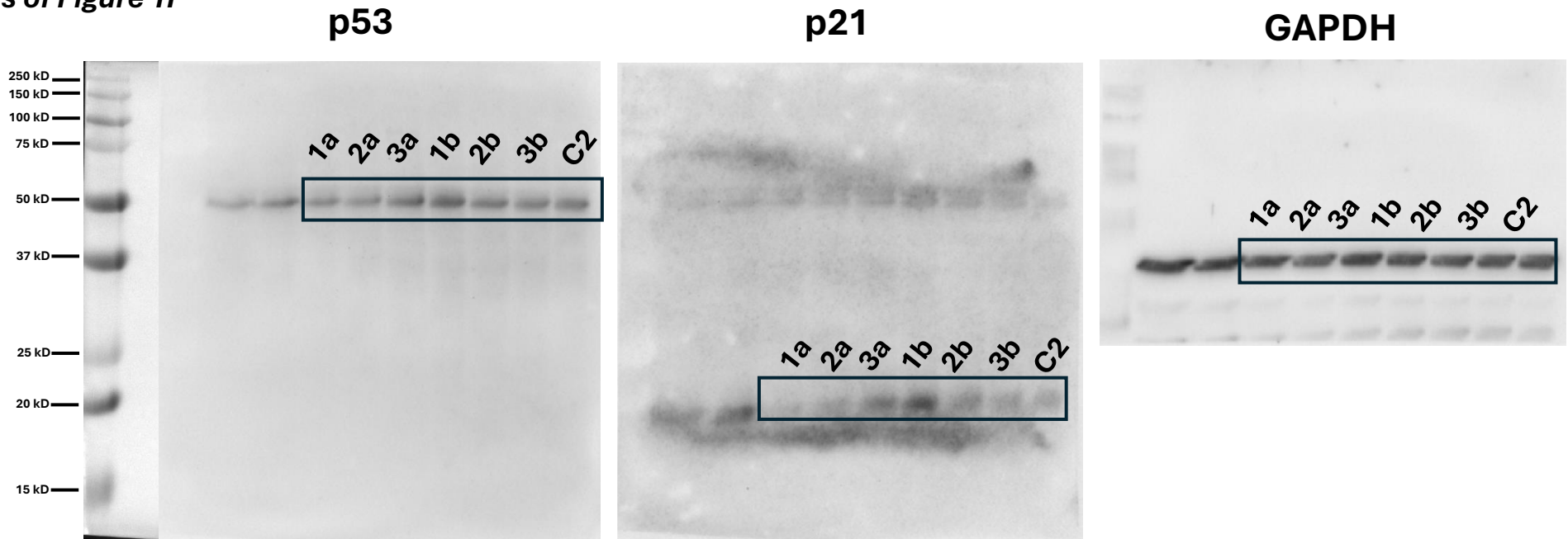


**Figure S3**

*Uncropped blots of Figure 1H*

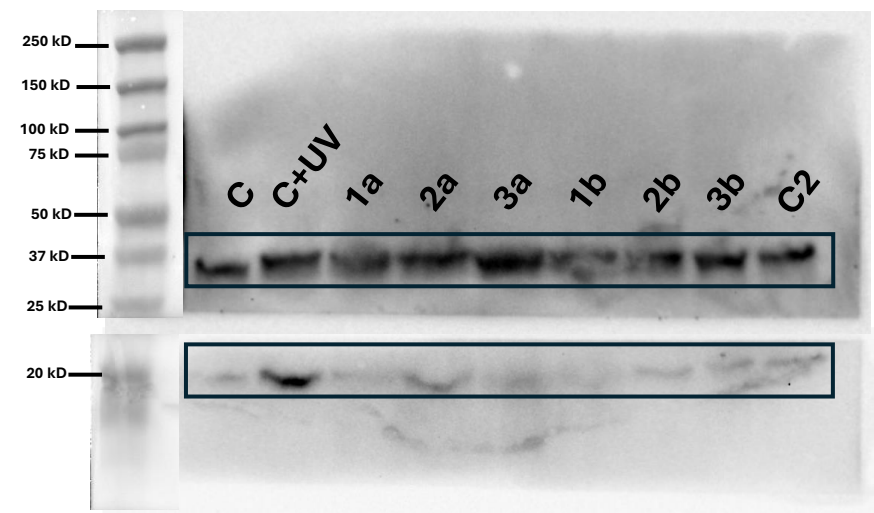


*Uncropped blots of Figure 1I*

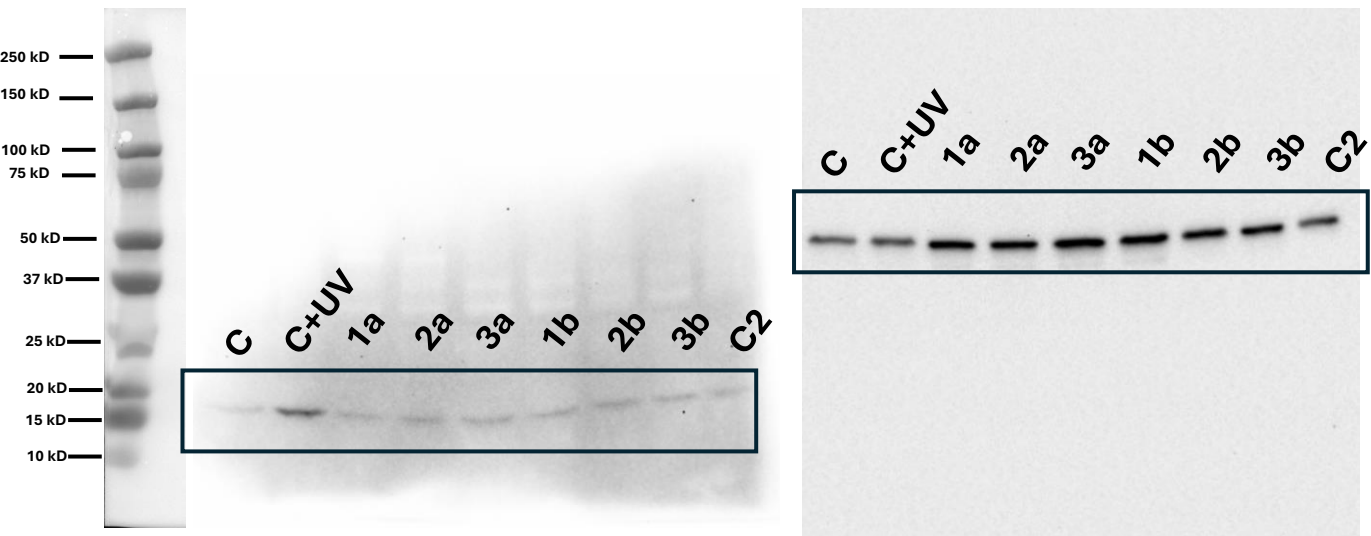


**Figure S4**

*Uncropped blots of Figure 2A*



*Uncropped blots of Figure 2E*



**Table S1. Primer sequences for the genes assessed using RT-qPCR**

<b><i>mRNA</i></b>	<b><i>Forward</i></b>	<b><i>Reverse</i></b>
<b><i>P53</i></b>	5' TCAACAAGATGTTTTGCCAACTG 3'	5' ATGTGCTGTGACTGCTTGTAGATG 3'
<b><i>P21<sup>waf1</sup></i></b>	5' TGTCTTGTACCCTTGTGCCTC 3'	5' GAGAAGATCAGCCGGCGTTT 3'
<b><i>PCNA</i></b>	5' CAAGTAATGTCGATAAAGAGGAGG 3'	5' GTGTCACCGTTGAAGAGAGTGG 3'
<b><i>Bax</i></b>	5' CGCCCTTTTCTACTTTGCCA 3'	5' GTTCTGATCAGTTCCGGCAC 3'
<b><i>Bcl2</i></b>	5' GCCCTGTGGATGACTGAGTA 3'	5' GAAATCAAACAGAGGCCGCA 3'
<b><i>MMP1</i></b>	5' TGTGGTGTCTCACAGCTTCC 3'	5' CGCTTTTCAACTTGCCTCCC 3'
<b><i>IL6</i></b>	5' CAATCTGGATTCAATGAGGAGAC 3'	5' CTCTGGCTTGTTCTCACTACTC 3'
<b><i>IL1 beta</i></b>	5' GCCCTAAACAGATGAAGTGCT 3'	5' ACCAGCATCTTCCTCAGCTT 3'
<b><i>MCPI</i></b>	5' GATCTCAGTGCAGAGGCTCG 3'	5' TTTGCTTGTCCAGGTGGTCC 3'
<b><i>TNF alpha</i></b>	5' TCTTCTCGAACCCCGAGTGA 3'	5' TCTTCTCGAACCCCGAGTGA 3'
<b><i>GUSB</i></b>	5' TGCAGGTGATGGAAGAAGTG 3'	5' TTGCTCACAAAGGTCACAGG 3'