Climacostol reduces tumour progression in a mouse model of melanoma via the p53-dependent intrinsic apoptotic programme

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Supplementary Table S1. Primer pairs designed for real-time PCR analysis

Name	Gene symbol	Primer sequence
p53	*trp53*	F: 5'-CACGTACTCTCCTCCCCTCAAT-3' R: 5'-AACTGCACAGGGCACGTCTT-3'
p21	*cdkn1a*	F: 5'-GGCCCGGAACATCTCAGG-3' R: 5'-AAATCTGTCAGGCTGGTCTGC-3'
Noxa	*noxa1*	F: 5'-ACGCGAAGACTGGGACTCT-3' R: 5'-AGCCCCTGTTAAAGTACATCCTA-3'
Puma	*bbc3*	F: 5'-GCTGAAGGACTCATGGTGAC-3' R: 5'-CAAAGTGAAGGCGCACTG-3'
Rpl32	*rpl32*	F: 5'-TTAAGCGAAACTGGCGGAAAC-3' R: 5'-TTGTTGCTCCCATAACCGATG-3'

F: forward, R: reverse

Supplementary Table S2. RNA duplex sequences of siRNA pools

p53	guide (5’-3’) AGAUUUCAUUGUAGGUGCCCCC guide (5’-3’) AUACAAAUUUCCUUCCACCCCC guide (5’-3’) UACUUGUAGUGGAUGGUGGCCCCC passenger (5’-3’) GGGGGCACCUACAAUGAAAUCU passenger (5’-3’) GGGGGUGGAAGGAAAUUUGUAU passenger (5’-3’) GGGGGCCACCAUCCACUACAAGUA
Negative control	guide (5’-3’) UUGUACUACACAAAAGUACCCCC guide (5’-3’) GAACGAAUUUAUAAGUGGCCCCC guide (5’-3’) ACAACAUUCAUAUAGCUGCCCCC passenger (5’-3’) GGGGGUACUUUUGUGUAGUACAA passenger (5’-3’) GGGGGCCACUUAUAAAUUCGUUC passenger (5’-3’) GGGGGCAGCUAUAUGAAUGUUGU