

# Enhanced p62-NRF2 feedback loop due to impaired autophagic flux contributes to arsenic-induced malignant transformation of human keratinocytes

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Table S1. Genes and primers for real time RT-PCR

Gene	GenBank Accession No.	Primers (5'→3')
<i>p62</i>	NM_003900.5, NM_001142299.2 , NM_001142298.2	Forward: GTGCACCCCAATGTGATCTG Reverse: TGCACTTGTAGCGGGTTCCT
<i>AKR1C1</i>	NM_001353.6	Forward: TGGGAGGCCGTGGAGAA Reverse: GGACACCCCGATGGACTTG
<i>NQO1</i>	NM_001025434.2,NM_001286137.2,NM_001025433.2, NM_000903.3	Forward: CAGCAGACGCCCCAATTC Reverse: TGGTGTCTCATCCCAAATATTCTC
<i>GCLC</i>	NM_001498	Forward: GATGCTGTCTTGCAGGGAATG Reverse: AGCGAGCTCCGTGCTGTT
<i>GAPDH</i>	NM_002046	Forward: CCTCCCGCTTCGCTCTCT Reverse: CTGGCGACGAAAAGAAGA
<i>B-ACTIN</i>	NM 001101.3	Forward: GAGCACAGAGCCTCGCCTTT Reverse: TCATCATCCATGGTGAGCTGG
<i>NRF2</i>	NM_006164.4, NM_001145412.3, NM_001145413.3, NM_001313900.1, NM_001313901.1	Forward: AGCCCAGCACATCCAGTCA Reverse: TGTGGGCAACCTGGGAGTAG

All primers are from Sigma-Aldrich.