

**Supplemental Table S2.** The primers used for genotyping mouse strains and cell lines

Name	Sequence
<i>Irp2</i> -KO mouse genotyping	Forward P1: 5'-AAAGAGTGGTCCACTGTGAG-3' Reverse P2: 5'-TGGAATACCGGCAATGGTGG-3' Reverse P3: 5'-AGCTCATTCTCCACTCATG-3'
<i>TAp63</i> -KO mouse genotyping	Forward P1: 5'-ACTGGTGAGCTTGTAGAATCGG-3' Forward P2: 5'-CCACATAGCCATATCTGCC-3' Reverse P3: 5'-ACTGAGCATATAGGCCTAGCAC-3'
<i>IRP2</i> -KO cell line genotyping	Forward: 5'-GTCTAACTTTTTGCTATGGCA-3' Reverse: 5'-GGAAAAGGGCACTTCAACA-3'
<i>p53</i> -KO cell line genotyping	Forward: 5'-GGCATAACTGCACCCTTGGT-3' Reverse: 5'-GGAAAAGGGCACTTCAACA-3'