

**Supplementary Table S1.** Primer Sequences for Mice Genotyping.

Primer Target Gene	Sequence (5'- 3')		Amplicon size
<b>HPV16 E7</b>	FORWARD	GGAGGAGGATGAAATAGATGG	157 bp
	REVERSE	GCCCATTAAGAGGTCTTCCAA	
<i><math>\beta</math>-globin</i>	FORWARD	CCAATCTGCTCACACAGGATAGAGAGGGCAGG	494 bp
	REVERSE	CCTTGAGGCTGTCCAAGTGATTCAGGCCATCG	

**Supplementary Table S2.** Primers Sequences used for qPCR.

Gene Name	Gene Product	Primers Sequences (5'- 3')	
<i>Hprt</i>	Hypoxanthine-guanine phosphoribosyltransferase	FORWARD	TGAAGAGCTACTGTAATGATCAGTCAAC
		REVERSE	AGCAAGCTTGCAACCTTAACCA
<i>Tbp</i>	TATA binding protein	FORWARD	CAAACCCAGAATTGTTCTCCTT
		REVERSE	ATGTGGTCTTCTGAATCCCT
<i>Fbxo32</i>	Atrogin-1	FORWARD	GGGTGTATCGGATGGAGACC
		REVERSE	GTTGTAAGCACACAGGCAGG