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Supplementary  
Table

Supplementary Table 1: Primers used in this study.

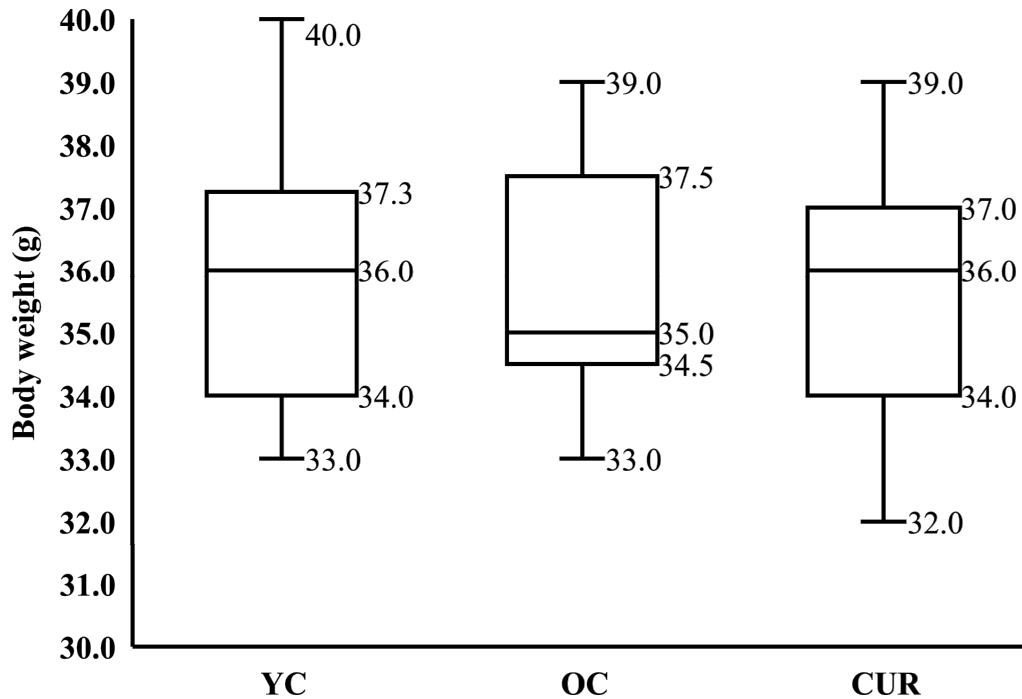
Abbreviations: *Actb*, beta-actin; *Tnfa*, tumor necrosis factor alpha; *Defb*, beta-defensin;

*Wdr5*, WD40 repeat protein 5; *Traf6*, tumor necrosis factor receptor associated factor 6;

*Myd88*, myeloid differentiation factor 88; *IL-1 $\beta$* , interleukin-1beta.

GENE		sequence (5' to 3')	Tm	Product length	Annealing temperature
<i>Actb</i> NM_001101.5	Fw	GATGTGGATCAGCAAGCAGGA	60.41	91	55
	Rev	AAACGCAGCTCAGTAACAGTCC	61.12		
<i>Defb1</i> NM_007843.3	Fw	CCTGGGAGTTTCACATCCTCTC	60.09	124	60
	Rev	AGAATGCCAACACCTGGCTC	60.61		
<i>Defb2</i> NM_010030.2	Fw	TGCTGATATGCTGCCTCCTT	59.16	89	50
	Rev	GCAGTGGTCAAGTTCTGCTTC	59.73		
<i>Wdr5</i> NM_080848.2	Fw	TCCTCCAGTGTCTTCGTGA	60.18	187	55
	Rev	AGACACAATCCACTTCCCGC	60.32		
<i>Traf6</i> NM_009424.3	Fw	TCCTCATCAGAGAACAGATGCC	59.57	130	55
	Rev	TCTTGCAAGTGTCGTGCCA	60.15		
<i>Myd88</i> NM_010851.3	Fw	CAGTGTCCACAAACAAAGGAAC	60.43	99	55
	Rev	GGGCAGTAGCAGATAAAGGCATC	61.36		
<i>Tnfa</i> NM_013693.3	Fw	CGTCGTAGCAAACCACCAAG	59.49	149	60
	Rev	GAGAACCTGGGAGTAGACAAGG	59.50		
<i>IL-1<math>\beta</math></i> NM_008361.4	Fw	ATGCCACCTTTTGACAGTGATG	59.44	147	55
	Rev	GCTCTTGTTGATGTGCTGCT	59.12		

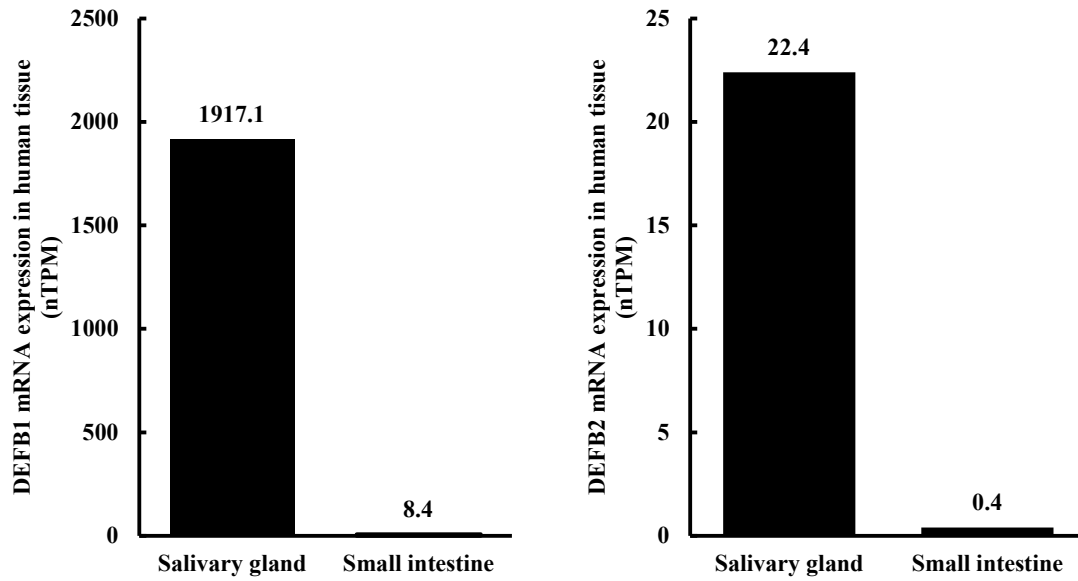
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Figure



Supplemental Fig. 1. Disclosure of initial mouse weight for group allocation.

Figure shows the weight of mice in each group on the day before the start of treatment (Day 0). The Tukey method was used to ensure that there were no statistically significant differences in allocation in order to homogenize the mean values ( $p$  value  $> 0.05$ ). The median and standard deviation were also disclosed by box-and-whisker plots to show uniformity.

*Abbreviations: YC- Young control; OC- Old control; CUR- curcumin administrated.*



Supplemental Fig. 2. Distribution and amount of RNA expression in tissues.

The figure shows the number of  $\beta$ -Defensins transcripts per million in salivary gland and small intestine. The data were obtained from the Human Protein Atlas Project (v23.0) (<https://www.proteinatlas.org/>). These data provide information about the expression levels of  $\beta$ -Defensins transcripts in different organs, aiding in the understanding of the distribution and abundance of these transcripts in various tissues.