

**Low-intensity pulsed ultrasound (LIPUS) prevents periprosthetic inflammatory loosening through FBXL2-TRAF6 ubiquitination pathway**

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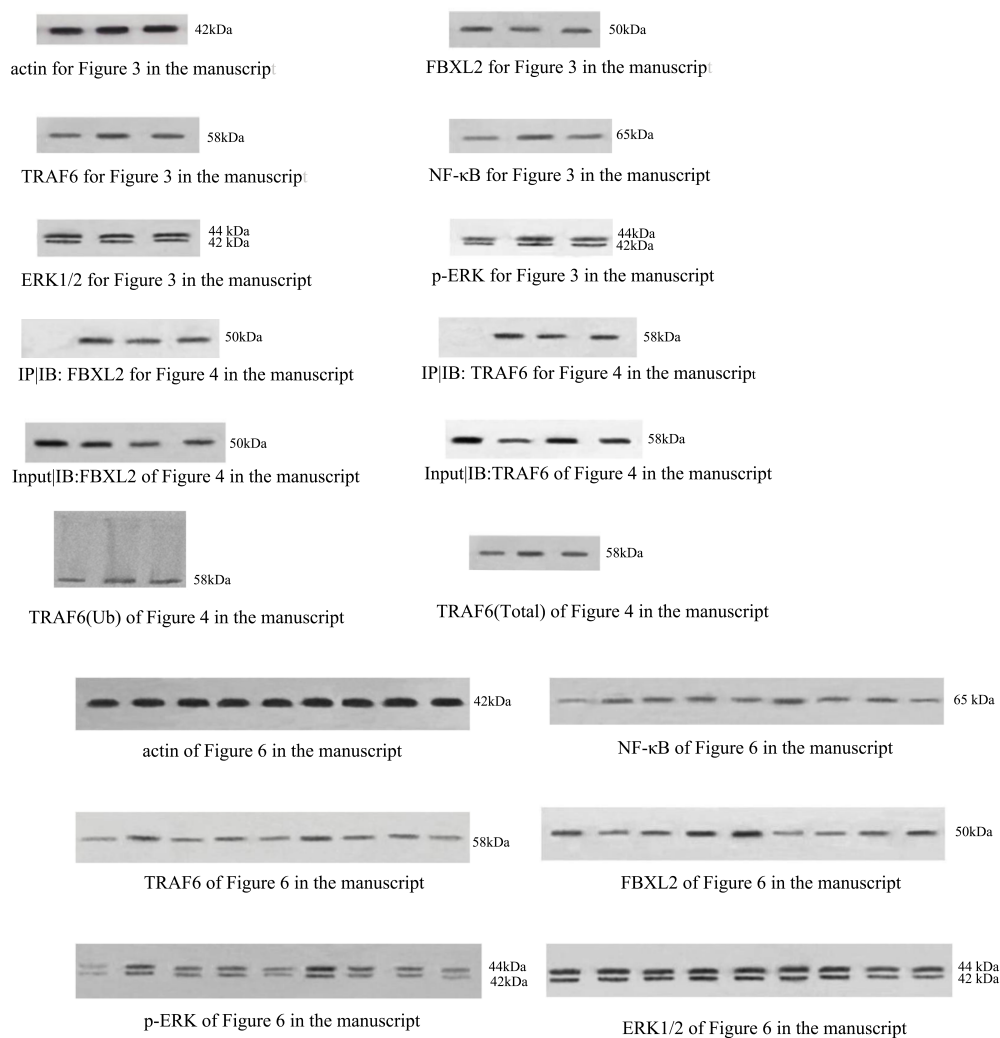
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**Supplementary table S1:** The primer used in this study

Gene	Forward Primer	Reverse Primer
$\beta$ -actin	5'- CCGAGAATGGGAAGCTTGTC-3'	5'- AAGCACCAACGAGAGGAGAA-3'
FBXL2	5'- CAGCCATCTTACGACACCAC-3'	5'- TTGCCAGAGAATCACCGTAG-3'
TRAF6	5'- AAACGTGAGAACAGCTGCG-3'	5'- GCAGATGGGACACTCATACT-3'
ERK1	5'- GAAAGCATTACCTTGACCAG -3'	5'- CTTTGGAGTCAGCATTGGGG -3'
ERK2	5'- GGCATGGTTTGCTCTGCTTA -3'	5'- TCAATGGTTGGTGCCCGGAT -3'



**Supplementary Figure S1:** the full-length blots used in the manuscript.