Bone & Joint Research

Supplementary Material

10.1302/2046-3758.119.BJR-2021-0398.R2

Table i. Primers used in this research.

Gene	Sense (5'-3')	Anti-sense (5'-3')
GAPDH	GCACCGTCAAGGCTGAGAAC	TGGTGAAGACGCCAGTGGA
MUC1	TGCCGCCGAAAGAACTACG	TGGGGTACTCGCTCATAGGAT
IL-6	ACTCACCTCTTCAGAACGAATTG	CCATCTTTGGAAGGTTCAGGTTG
IL-8	ACTGAGAGTGATTGAGAGTGGAC	AACCCTCTGCACCCAGTTTTC
CCL-2	CAGCCAGATGCAATCAATG CC	TGGAATCCTGAACCCACTTCT

CCL, C-C motif chemokine ligand; GAPDH, glyceraldehyde-3-phosphate dehydrogenase; IL, interleukin; MUC1, mucin 1.

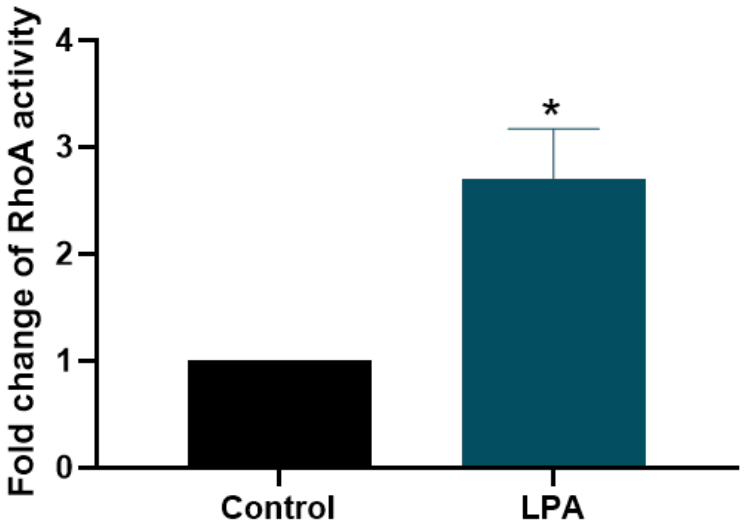

Fig a. Activation of Rho guanosine triphosphatase (GTPase) by lysophosphatidic acid (LPA) stimulation. Rheumatoid arthritis (RA) fibroblast-like synoviocytes (FLSs) were transfected with mucin 1 (MUC1) small interfering RNA (siRNA). After serum starvation for 24 hours and then stimulation with or without LPA (10 µM) for three minutes, G-LISA RhoA Activation Assay Biochem Kit (Cytoskeleton, USA, Cat. # BK124) was used to measure the activation of RhoA (n = 4). Fold change of RhoA activity was calculated by normalization to the control group. Data are presented as the mean and standard error of the mean (SEM). *$p < 0.05$, independent-samples *t*-test.