



Fig. S2 Histogram of cell cycle test that COX-2 is a key factor of MIF promoted proliferation of BPH-1 and PWR-1E cells. (A) Histogram for G1, S and G2/M phase of the cell cycle results in BPH-1 cells treated with control, rMIF, rMIF + celecoxib and celecoxib, respectively. Data are presented as mean \pm SD, n=3. (B) Histogram for G1, S and G2/M phase of the cell cycle results in PWR-1E cells treated with control, rMIF, rMIF + celecoxib and celecoxib, respectively. Data are presented as mean \pm SD, n=3. Data are presented as mean \pm SD, n=3. *P< 0.05. Statistical analyses were performed using one-way analysis of variant (ANOVA) followed by Tukey's test for multiple comparison.