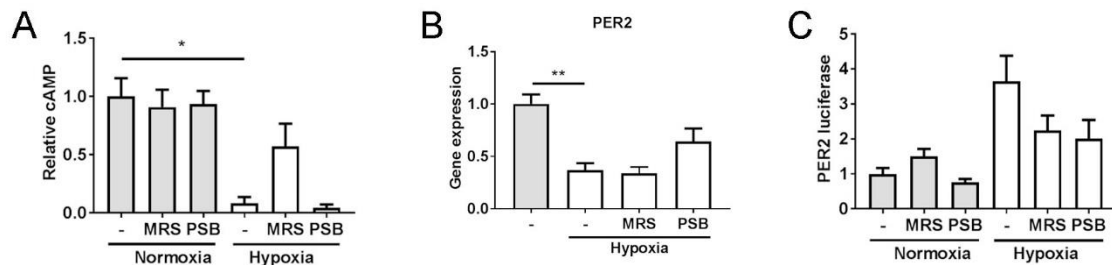


Supplementary Figure 1. The A_{2B} receptor does not modulate F-actin ring formation or IL-6 secretion in hypoxic osteoclasts. **(A)** Fluorescent images and **(B)** quantified fluorescence following F-actin ring staining (arrows) of mature human osteoclasts cultured for 24 h under hypoxia, with MRS1754 or PSB603 ($n = 4$). Scale bars = 100 μ m. **(C)** IL-6 secretion quantified over the same period; * $p < 0.05$, ($n = 6$).



Supplementary Figure 2. A_{2B} receptor inhibitors do not affect cAMP levels or PER2 expression. Effect of hypoxia (2% O_2 , 24 h) and MRS1754 or PSB603 on **(A)** intracellular cAMP concentration ($n = 4$), **(B)** PER2 mRNA expression ($n = 6$) and **(C)** PER2-luciferase activity in mature human osteoclasts ($n = 6$). * $p < 0.05$, ** $p < 0.01$.