Supplementary Figure 1: 6-MP decreases inflammation and enhances BMP signalling. (A) NFkB-luciferase activity in HEK293T cells was measured following treatment with 6-MP (10 uM) and stimulation with TNFα (50 ng/ml) for 6 h (n=3). (B) ELISA for MCP-1 was performed in supernatants from MVECs following treatment with 6-MP (10 uM) and stimulation with TNFα (50 ng/ml) for 6 h (n=3). (C) Representative western blots showing Id3 relative to vinculin as loading control under basal and TNFα (50 ng/ml) stimulation and 6-MP (10 uM) treatment for 6 h. (D) qRT-PCR was performed to assess mRNA expression of BMPR2 following treatment with 6-MP (10 uM) for 6 h (n=3). (E) MTT assays were performed to assess proliferation of healthy human PASMCs following treatment with 6-MP for 24 h (n=3). (F) HDAC inhibition significantly increased mRNA levels of Nur77 after treatment of PAH MVECs with the HDAC inhibitor Quisinostat (5uM for 16 h) (n=3). *p<0.05. Student’s t-tests were used for comparisons between two groups. Error bars, mean ± s.e.m.