**Figure S1.** Effects of the thromboxane prostanoid (TP) receptor agonist U46619 on α1-adrenoreceptor-mediated vasoconstriction in S1P2 KO vessels. U46619 (1 nM) was able to further enhance the contraction responses in spite of the relatively high baseline reactivity of the S1P2 KO vessels to phenylephrine (PE). *P < 0.05 vs. before U46619 (n=15).

**Figure S2.** The effect of fasudil on S1P-induced potentiation of α1-adrenoreceptor-mediated vasoconstriction. Co-administration of the Rho kinase inhibitor fasudil (10 µM) was also able to prevent the S1P-induced potentiating effect similar to that of Y-27632. *P < 0.05 vs. before S1P (n=11).