

Figure S3. Involvement of TRPC3 and TRPC6 in Ang II-induced Ca^{2+} entry.

(A) Peak changes of increases in $[\text{Ca}^{2+}]_i$ induced by OAG (25 μM) in control (LacZ)-, TRPC3-, TRPC6-, and TRPC7-overexpressing cells. (B) Effects of siRNAs of TRPC3 and TRPC6 on the expression of the respective TRPC proteins. (C-F) Effects of siRNAs of TRPC3 (C, D) and TRPC6 (E, F) on Ang II-induced increases in $[\text{Ca}^{2+}]_i$. (C, E) Average time courses of Ca^{2+} responses induced by Ang II. Ca^{2+} release was first evoked in Ca^{2+} -free solution, and Ca^{2+} entry-induced $[\text{Ca}^{2+}]_i$ increases were induced by re-addition of 2 mM Ca^{2+} . (D, F) Peak $[\text{Ca}^{2+}]_i$ increases in Ca^{2+} -free solution and after Ca^{2+} re-addition. **; $P < 0.01$ vs control siRNA-treated cells (Control). NS, no significance from Control.

