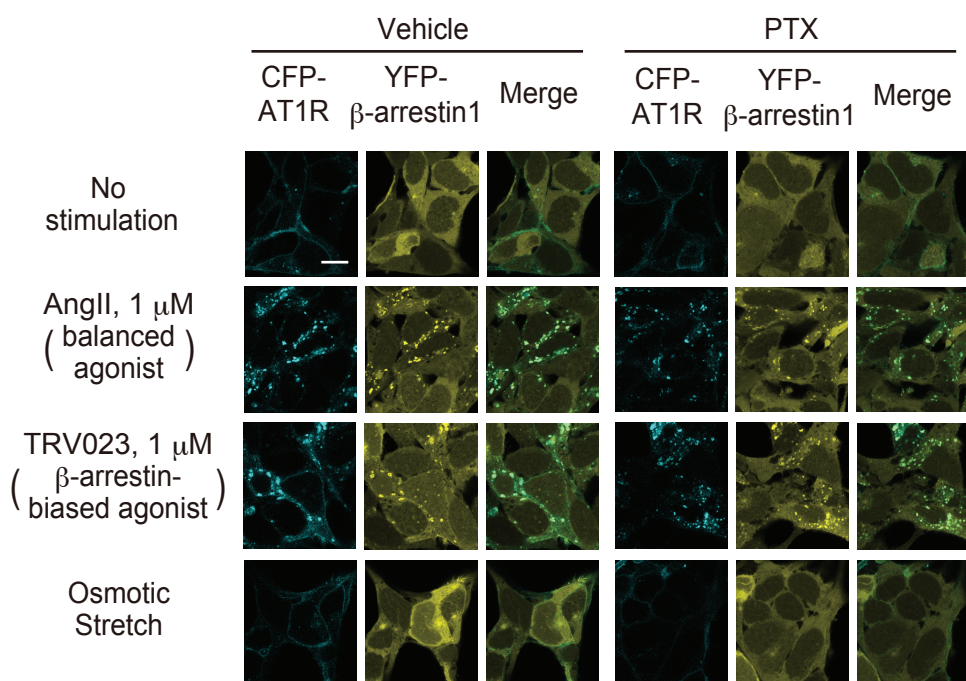
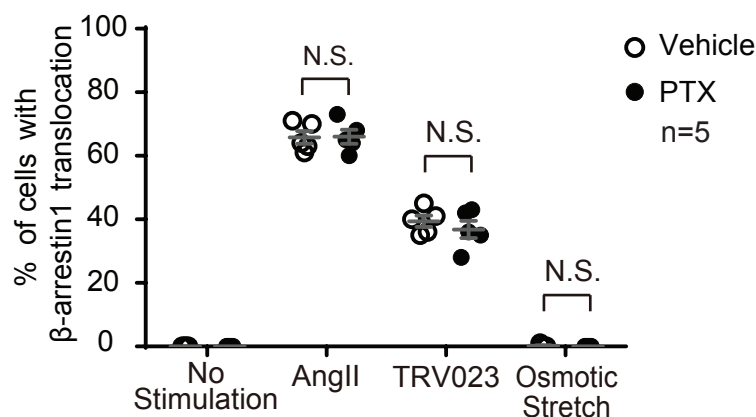


Supplementary Figure 1

A. β -arrestin1 translocation to the AT1R



B.



TRV023: TRV120023

Supplementary Figure 1. Osmotic stretch did not induce β -arrestin1 recruitment to AT1R.

HEK293 cells stably expressing CFP-tagged AT1R and YFP-tagged β -arrestin1 were transiently transfected with GRK5. Cells were pretreated with vehicle or 200 ng/ml PTX for overnight, then stimulated with 1 μ M AngII, 1 μ M TRV120023 or osmotic stretch for 10 min. A, stimulation with AngII and TRV120023 induced β -arrestin1 recruitment to AT1Rs, which were not affected by PTX.

In contrast, the β -arrestin1 translocation was not observed in cells treated with osmotic stretch. Scale bar = 10 μ M. B, quantification of β -arrestin1 translocation was expressed as the percentage of cells showing intracellular aggregates of β -arrestin1. Data represent the mean \pm SEM for n independent experiments as marked on the figure. Statistical significance was assessed using two-way ANOVA with Bonferroni correction.