Supplementary materials

Table 1. Characteristics of rats for RBC transfusion

	Wistar to Wistar		GK to Wistar	
	Wistar donor	Wistar recipient	GK donor	Wistar recipient
n	6	6	12	12
BW	515±55	499±58	334±36***	515±85
B-glucose	3.8±0.3	3.7±0.8	9.1±2.0***	4.1±0.7

BW: body weight; GK: Goto-Kakizaki. Values are mean±SD; ***P<0.001 vs. values in the rest of columns by one-way ANOVA followed by Bonferroni's test.
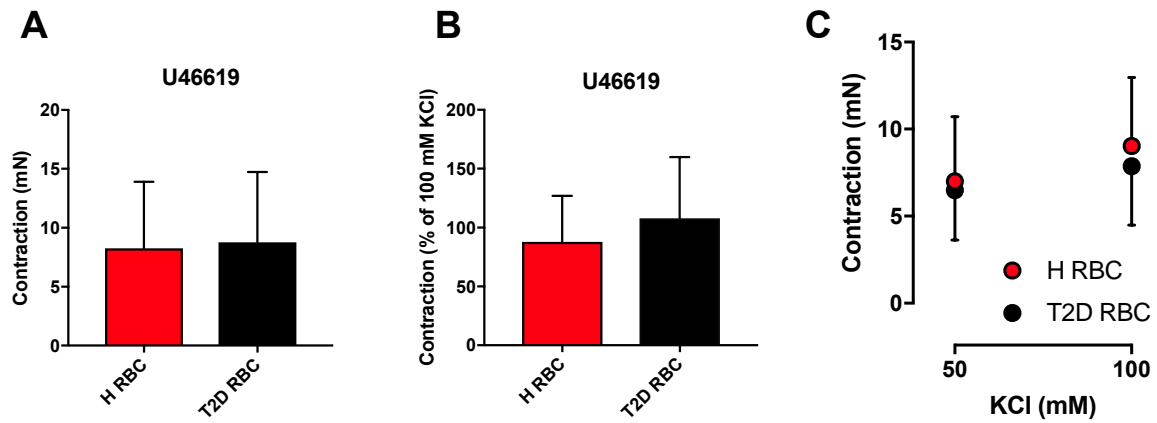
Figure 1. Effects of U46619 and KCl on vascular contraction. (A and B) Effects of U46619 on vascular contraction in aortas following incubation with RBCs from healthy subjects (H RBC, n=15) and type 2 diabetic patiens (T2D RBC, n=17). (C) Effects of different concentrations of KCl on vascular contraction in aortas following incubation with H RBC (n=15) and T2D RBC (n=17). Values are mean ± SD.