Table 4. Morphological characteristics of preglomerular vessels and glomeruli in maximally vasodilated kidneys at 10 weeks of age in spontaneously hypertensive rats and Wistar-Kyoto rats treated with antiserum against nerve growth factor or vehicle at 3 weeks of age

Variables	Wistar-Kyoto rats		Spontaneously hypertensive rats		*P* value for two way ANOVA		
	Vehicle (n=9)	anti-NGF (n=9)	vehicle (n=9)	anti-NGF (n=9)	strain effect	treatment effect	strain × treatment
Interlobular artery							
Luminal CSA ($\times 10^3 \mu m^2$)	4.49±0.13	4.21±0.18	3.97±0.13†	5.19±0.29*†	0.24	0.015	<0.001
Wall CSA ($\times 10^3 \mu m^2$)	1.89±0.06	1.89±0.10	2.81±0.11†	2.40±0.14*†	<0.001	0.05	0.07
Wall/lumen ratio	0.431±0.016	0.466±0.024	0.733±0.032†	0.476±0.019*	<0.001	<0.001	<0.001
Glomerular area ($\times 10^3 \mu m^2$)							
Superficial glomeruli	8.97±0.22	8.91±0.18	10.24±0.23†	10.02±0.12†	<0.001	0.92	0.96
Juxtamedullary glomeruli	10.60±0.30	10.08±0.25	12.02±0.38†	12.13±0.28†	<0.001	0.62	0.31

CSA = cross-sectional area, anti-NGF = antiserum against nerve growth factor and ANOVA = analysis of variance. Values are the mean±SEM.

∗ $p < 0.05$ versus vehicle in the same strain.

† $p < 0.05$ versus vehicle in Wistar-Kyoto rats.