

**Table S1. Hemodynamic analysis of TG-H mice and WT controls**

	8-weeks old	
	WT	TG-H
<i>n</i>	4-7	5-6
HR (bpm)	424 ± 32	<b>324 ± 68*</b>
LA vol. (mm <sup>3</sup> )	4.60 ± 0.50	<b>11.10 ± 0.70***</b>
LVPWS (mm)	1.11 ± 0.08	0.99 ± 0.07
LVEDD (mm)	3.26 ± 0.13	<b>4.00 ± 0.20*</b>
FS (%)	49.0 ± 3.60	41.0 ± 1.50
IVRT (msec)	13.71 ± 0.5	<b>19.9 ± 1.2**</b>
PAoFV (cm/sec)	112.3 ± 7	109.0 ± 8
PEV (cm/sec)	83 ± 6	96 ± 4
CVR-R (%)	3.8 ± 1.1	<b>44.8 ± 16.5*</b>

HR, heart rate; LA vol, Left Atrial volume; LVPWS, Left Ventricular (LV) end-systolic posterior wall thickness; LVEDD, LV end-diastolic dimension; FS, fractional shortening; IVRT, Isovolumic relaxation time; PAoFV, Peak Aortic Flow Velocity; PEV, Peak Ejection Flow Velocity; CVR-R, Coefficient of Variation of R-R Intervals. Data were analyzed by Student *t*-test. \*, *P* < 0.05; \*\*, *P* < 0.01; \*\*\*, *P* < 0.005 versus WT.