

SUPPLEMENTARY TABLE S1. SIMILAR LEFT VENTRICULAR FUNCTION AND DIMENSIONS IN  $sGC\alpha1^{-/-CM}$  AND WILD-TYPE MICE UNDER BASELINE CONDITIONS

<i>Echocardiography</i>	<i>WT (n=21)</i>	<i>sGC<math>\alpha1^{-/-CM}</math> (n=20)</i>	<i>p-Value</i>
LVID <sub>ES</sub> (mm)	1.3 ± 0.01	1.3 ± 0.02	0.40
LVID <sub>ED</sub> (mm)	3.1 ± 0.03	3.1 ± 0.03	0.99
IVS <sub>ED</sub> (mm)	0.98 ± 0.02	0.98 ± 0.01	0.94
LVPW <sub>ED</sub> (mm)	1.01 ± 0.01	1.01 ± 0.01	0.98
FS (%)	57 ± 0.3	57 ± 0.3	0.26
HR (bpm)	550 ± 9	542 ± 16	0.97

bpm, beats per minute; FS, fractional shortening; HR, heart rate; IVS<sub>ED</sub>, interventricular septal thickness at end-diastole; LVID<sub>ED</sub>, left ventricular end-diastolic internal diameter; LVID<sub>ES</sub>, left ventricular end-systolic internal diameter; LVPW<sub>ED</sub>, left ventricular posterior wall thickness at end-diastole; sGC, soluble guanylate cyclase;  $sGC\alpha1^{-/-CM}$ , mice with cardiomyocyte-specific deletion of exon 6 of the  $sGC\alpha1$  allele; WT, wild-type.