

SUPPLEMENTARY TABLE S3. IN VIVO MAGNETIC RESONANCE IMAGING MEASUREMENT OF CARDIAC FUNCTION IN 6- AND 18-MONTH-OLD WILD-TYPE AND MDX MICE

	6 months		18 months	
	Wild-type	mdx	Wild-type	mdx
<i>N</i>	7	7	8	8
Heart rate (bpm)	452±9	405±27	445±20	412±24
Body weight (g)	34±1	33±1	27±2	28±1
Right ventricle				
End-diastolic volume (μL)	60±2	67±7	61±8	84±8 ^a
End-systolic volume (μL)	18±2	27±3 ^a	27±5	44±6 ^a
Stroke volume (μL)	42±1	40±5	34±2	39±4
Ejection fraction (%)	70±2	60±2 ^b	58±3	47±2 ^a
Cardiac output (mL/min)	19±1	16±2	15±1	15±1
Left ventricle				
Mass (mg)	110±9	106±6	91±6	114±8 ^a
End-diastolic volume (μL)	67±5	63±4	52±3	66±6
End-systolic volume (μL)	22±3	24±3	18±2	30±3 ^a
Stroke volume (μL)	45±2	39±4	34±2	36±4
Ejection fraction (%)	68±3	62±4	66±2	55±2 ^b
Cardiac output (mL/min)	20±1	16±1 ^a	15±1	14±1
Cardiac index (mL/min×g)	0.6±0.02	0.5±0.03 ^a	0.5±0.04	0.5±0.04
Mass/body weight ratio (×1,000)	3.2±0.2	3.2±0.2	3.4±0.3	4.1±0.2

Data are presented as mean±SEM.

^a*P*<0.05 versus wild-type.

^b*P*<0.01 versus wild-type.