

SUPPLEMENTARY MATERIALS FOR THE ARTICLE:

Galectin-3 Deficiency Reduces Cardiac and Renal Antioxidant Capacity in Mice

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Supplementary Table 1.

Biochemical parameters of oxidative/nitrosative stress and antioxidant capacity of cardiac and renal tissue of mice: mean, SD, median, min, max for all parameters

tissue	group	parameters	mean	SD	median	min	max
HEART	CON	MDA	9.9	0.4	9.8	9.3	10.4
		NOx	2.2	0.2	2.2	2.0	2.4
		SOD	2.8	0.3	2.7	2.5	3.2
		CAT	9.9	1.5	10.0	7.9	11.8
		GST	93.9	9.3	90.1	83.2	107.0
		GSH	41.1	6.2	44.8	32.1	48.5
	GAL3 ^{-/-}	MDA	10.3	0.5	10.2	9.6	10.9
		NOx	2.0	0.3	2.0	1.6	2.3
		SOD	2.5	0.4	2.4	2.0	2.9
		CAT	7.0	1.0	6.3	5.8	8.4
		GST	82.4	6.4	79.4	74.3	90.3
		GSH	21.5	4.2	19.0	17.1	28.2
KIDNEY	CON	MDA	10.0	0.3	10.0	9.6	10.4
		NOx	1.1	0.1	1.1	1.0	1.2
		SOD	14.9	0.3	14.9	14.4	15.3
		CAT	98.3	13.0	102.2	80.1	115.2
		GST	55.1	10.3	59.0	39.8	68.1
		GSH	21.8	5.1	21.5	15.5	29.1
	GAL3 ^{-/-}	MDA	10.7	0.5	10.5	10.1	11.3
		NOx	1.0	0.1	1.0	0.9	1.1
		SOD	13.6	0.9	13.2	12.6	14.6
		CAT	86.3	10.9	86.6	70.2	99.8
		GST	32.4	9.6	29.8	21.0	45.2
		GSH	22.3	5.9	23.2	14.1	29.9

CON – control group; GAL3^{-/-} – mice lacking galectin-3 gene; MDA – malondialdehyde; NOx – nitrites+nitrates; SOD – superoxide dismutase; CAT – catalase; GST – glutathione S-transferase; GSH – reduced glutathione.