

Supplementary Table S1.

Long-term effects of early postnatal lactose enriched diet on physical parameters and left ventricular morphology and function

12 weeks old animals 20 weeks (140 days)	Control (n=12)	The experiment (n=12)	Body weight adjusted values for control (n=12), (%)	Body weight adjusted values for the experiment (n=12), (%)
Body weight, g	249±9.45	198±7.44**	-----	-----
Heart wight, mg	1091±11.2	884±6.1**	0.43±0.052	0.44±0.046 ^{NS}
LV mass (free wall+septa), mg	881±25	806±24*	0.354±0.032	0.41±0.027*
IVSs, mm	2.64±0.09	2.6±0.12 ^{NS}	0.010±0.002	0.012±0.002 ^{NS}
IVSd, mm	1.7±0.09	1.6±0.11 ^{NS}	0.006±0.001	0.010±0.001 ^{NS}
LVPWs, mm	2.7±0.12	2.15±0.10*	0.010±0.002	0.010±0.001 ^{NS}
LVPWd, mm	1.7±0.08	1.41±0.10 ^{NS}	0.006±0.001	0.007±0.001 ^{NS}
LVEDs, mm	3.4±0.21	4.7± 0.4**	0,013±0.001	0.018±0.001*
LVEDd, mm	6.41±0.51	7,6 ±0.38**	0.025±0.003	0.038±0.003**
EF, %	77,3±6.1 %	66,7±6.1 %**	-----	-----
EDV, µl ³	209.26±18	309.28±12.3**	0,83±0.056	1,55±0.045**
FS, %	46±3.1	37±2.8**		
ESV, µl ³	47.3±4.1	102.36±6.2**	0,19±0.02	0,51.02**
LV mass, mg (calculated)	681.6±29	686,24±28 ^{NS}	0.271±0.042	0.346±0.034 ^{NS}

* - $p < 0.05$ for the difference with control; ** - $p < 0.01$ for the difference with control; **NS**- no difference with control. **LVESd** -LV end-systolic diameter; **LVEDd**-LV end-diastolic diameter;

LVPWs -LV posterior wall thickness in systola; **LVPWd** -LV posterior wall thickness in dyastola; **LVPWd** -LV posterior wall thickness in diastola; **IVSs**-end-systolic thickness; and **IVSd** end-diastolic thickness; **EF** - ejection fraction; **ESV** - LV end systolic volume; **EDV** -LV end diastolic volume;