

Table S4: Histopathology at 32 weeks of age

Aortic wall thickness

Genotype	Intervention	Mean	SD	<i>P</i> vs WT-NT	<i>P</i> vs DD-NT
WT	NT	66.60	6.78		
WT	LP	57.60	4.75	0.361	
WT	LN	65.08	11.30	1.000	
WT	AP	66.86	9.85	1.000	
WT	AN	67.33	9.94	1.000	
DD	NT	90.45	4.53	0.000	
DD	LP	71.43	5.40	0.751	0.004
DD	LN	75.42	8.66	0.249	0.011
DD	AP	75.03	7.19	0.215	0.025
DD	AN	76.03	12.25	0.372	0.084
DD/ <i>Ncf1</i> -	NT	75.18	3.52	0.001	0.001
DD/ <i>Ncf1</i> -	LP	62.52	7.47	0.884	0.000
DD/ <i>Ncf1</i> -	LN	64.38	11.35	1.000	0.000
DD/ <i>Ncf1</i> -	AP	69.56	8.13	1.000	0.000
DD/ <i>Ncf1</i> -	AN	69.99	9.91	1.000	0.000

Number of lamellar units

Genotype	Mean	SD	<i>P</i> vs WT
WT	7.44	1.81	
DD	8.38	1.77	0.73
DD/ <i>Ncf1</i> -	7.50	1.07	1.00

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% Heart weight / Body weight

Genotype	Intervention	Mean	SD	<i>P</i> vs WT-NT	<i>P</i> vs DD-NT
WT	NT	0.59	0.08		
WT	LP	0.51	0.11	1.000	
WT	LN	0.53	0.07	1.000	
WT	AP	0.52	0.13	1.000	
WT	AN	0.58	0.15	0.247	
DD	NT	0.88	0.12	0.000	
DD	LP	0.63	0.12	1.000	0.006
DD	LN	0.63	0.06	1.000	0.001
DD	AP	0.72	0.10	0.036	0.048
DD	AN	0.75	0.05	0.090	0.123
DD/ <i>Ncf1</i> -	NT	0.68	0.10	0.140	0.001
DD/ <i>Ncf1</i> -	LP	0.60	0.09	1.000	0.000
DD/ <i>Ncf1</i> -	LN	0.63	0.18	1.000	0.000
DD/ <i>Ncf1</i> -	AP	0.57	0.13	1.000	0.000
DD/ <i>Ncf1</i> -	AN	0.56	0.17	1.000	0.000