

Table S7: Quantification of protein nitrosylation and DHE fluorescence in aortic wall

Protein nitrosylation

Genotype	Intervention	Mean	SD	P vs WT-NT	P vs DD
WT	NT	16,384.05	3,378.25		
DD	NT	23,446.04	7,157.71	0.000	
DD/ <i>Ncf1</i> -	NT	8,579.32	3,844.15	0.000	0.000

ROS production

Genotype	Intervention	Mean	SD	Relative Values	P vs WT	P vs DD
WT	NT	12,750.72	4,293.92	1.00		
WT	LP	9,116.88	6,026.33	0.72		
WT	LN	4,476.72	3,517.27	0.35		
WT	AP	6,186.58	3,498.34	0.49		
WT	AN	5,968.12	2,057.29	0.47		
DD	NT	17,043.07	5,574.25	1.34	0.001	
DD	LP	13,314.86	3,774.84	1.04	0.644	0.017
DD	LN	6,761.91	3,062.31	0.53	0.000	0.000
DD	AP	9,126.90	3,717.63	0.72	0.010	0.000
DD	AN	11,597.32	4,440.65	0.91	0.370	0.000
DD/ <i>Ncf1</i> -	NT	6,688.86	2,768.13	0.52	0.000	0.000
DD/ <i>Ncf1</i> -	LP	5,475.40	1,890.57	0.43	0.000	0.000
DD/ <i>Ncf1</i> -	LN	2,777.75	1,369.01	0.22	0.000	0.000
DD/ <i>Ncf1</i> -	AP	3,219.99	1,492.19	0.25	0.000	0.000
DD/ <i>Ncf1</i> -	AN	3,252.79	1,119.66	0.26	0.000	0.000