

Supplementary data: Table V. STAT3 activation and hypertrophic response 4 days after TAC in ventricular-restricted gp130 knock-out mice and wild-type littermate.

Mice	Genotype	pSTAT3	LV/BW [%]	P.G. [mmHg]	DNA chip
Gp758	WT	++	0.45	48.2	*
Gp775	WT	+/-	0.37	27.9	
Gp780	WT	+	0.50	58.2	*
Gp784	WT	+	0.41	32.7	
Gp762	KO	+	0.47	62.3	
Gp768	KO	+	0.43	43.9	
Gp776	KO	+/-	0.47	66.3	*
Gp783	KO	+/-	0.57	57.0	
Gp788	KO	-	0.44	68.9	*

Note: LV/BW = Left ventricle weight / Body weight Index. P.G. = Pressure gradient between proximal and distal intra-aortic pressure. Phosho-STAT3 was detected using specific antibodies (New England Biolabs Inc. ,Beverly, Massachusetts, USA). '-' = no signal, '+/-' = slightly detectable signal, '+' = detectable signal, '++' = strong signal. '*' = mouse selected for DNA chip experiment.