

S3 Table. Parameters of the force measurements of guinea pig skinned fibres after exchange of endogenous troponin to human recombinant troponin containing wildtype cTnI or cTnI-R170G or W at different Ca²⁺-concentrations. Forces were normalized to the fibre cross section of the respective fibre and the Ca²⁺-sensitivity pCa₅₀ as well as the cooperativity n_H were calculated by non-linear regression using the Hill equation.

	WT	R170G	R170W
pCa₅₀	5.618	5.827	5.952
	5.704	6.166	5.991
	5.584	6.037	5.95
	5.576	5.978	5.966
	5.729		
	5.656		
pCa₅₀ mean	5.645	6.002	5.965
n_H	3.041	2.221	2.145
	3.196	1.739	1.754
	4.318	1.709	1.865
	3.677	2.234	3.014
n_H mean	3.369	1.975	2.195