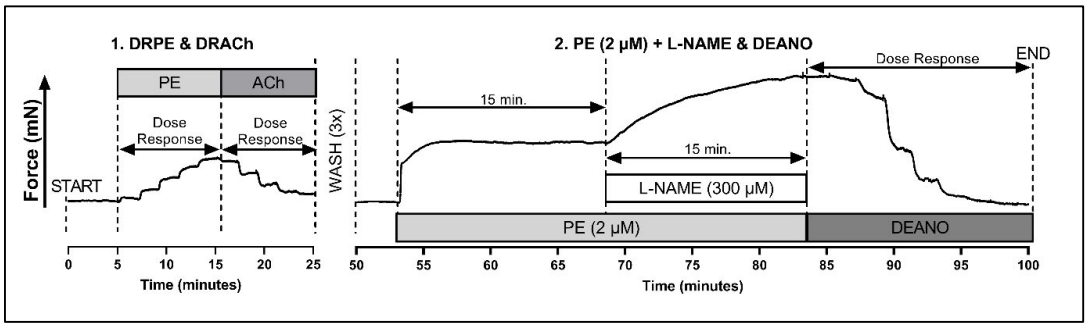


Figure S1: Experimental protocol for vascular reactivity evaluation in aortic segments after *in vivo* DOX treatment.

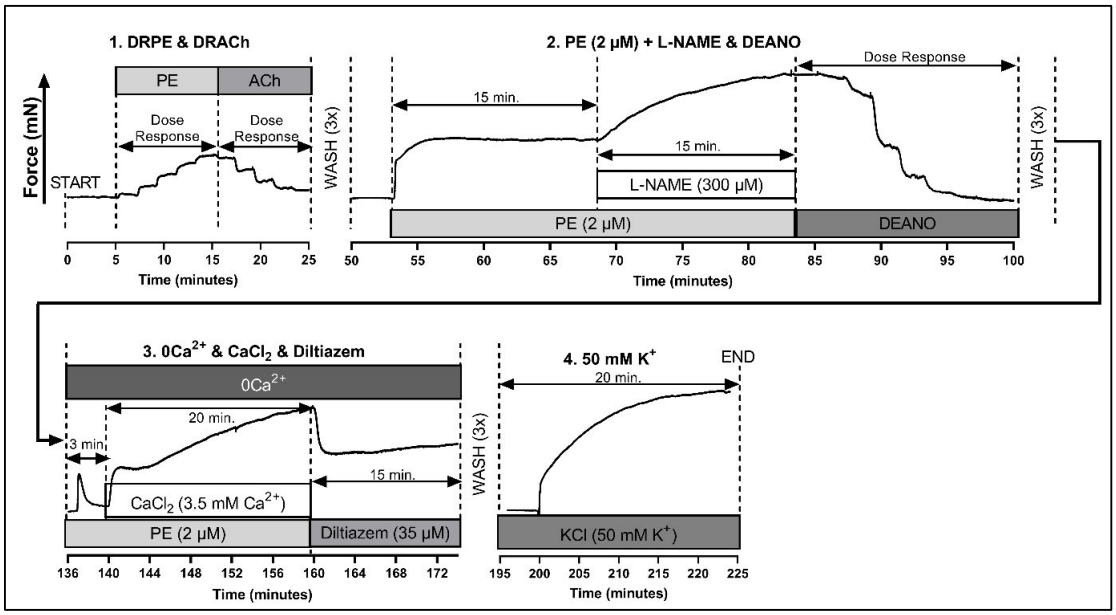


Figure S2: Experimental protocol for vascular reactivity evaluation in aortic segments after *ex vivo* DOX treatment.

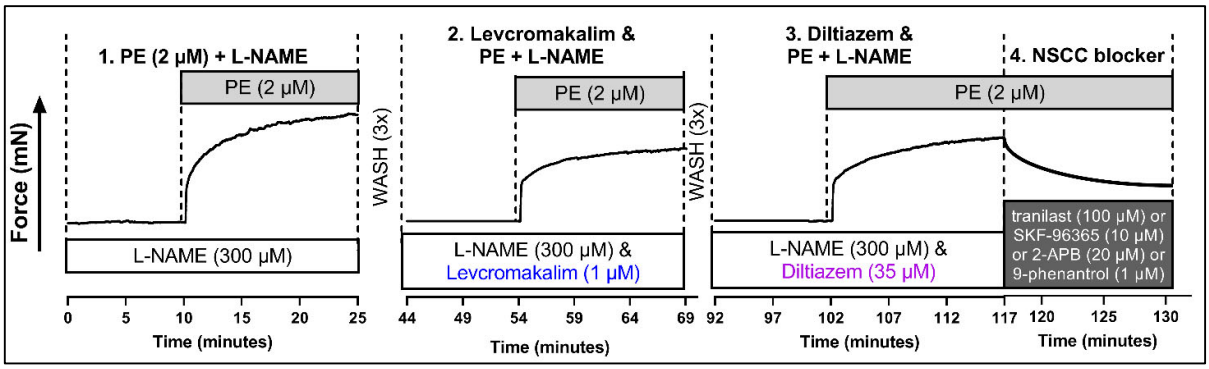


Figure S3: Experimental protocol for investigation of DOX-induced reduction in VSMC contraction after VGCC inhibition.