

Supplemental Figure 1. Effect of 100 nM dofetilide on the action potential duration and on the short-term variability of the action potential duration in rabbit ventricular myocytes. *Top panels* show representative action potential recordings in the absence and presence of 100 nM dofetilide from wild type (*left*) and transgenic (*right*) ventricular myocytes. Bar graphs in *bottom panels* illustrate APD₉₀ (*left*) and the short-term variability of APD₉₀ (*right*) in control conditions and in the presence of 100 nM dofetilide in wild type (WT) and transgenic (TG) ventricular myocytes. Values are means \pm standard errors of the means. The measurements were taken from 6 WT and 6 TG rabbit hearts, “n” values on the graph represent the number of cells in each group.

Supplemental Figure 2. Representative ECG recordings from thiopental anesthetized wild type littermate (top panel) and transgenic (lower panel) rabbits at baseline (control) and following the i.v. administration of 20 $\mu\text{g kg}^{-1}$ dofetilide.