

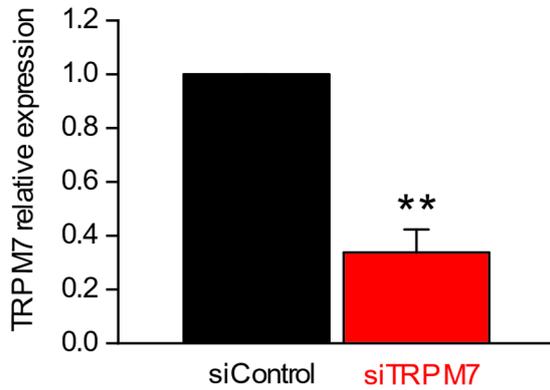
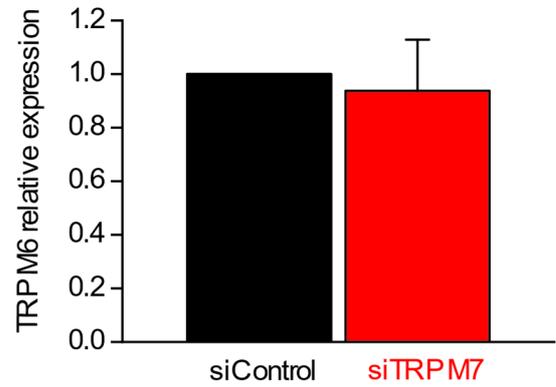
A**B**

Figure S1: Effect of TRPM7 targeting siRNA on TRPM6 and TRPM7 mRNA expressions. (A) TRPM7 silencing decreased TRPM7 expression at the mRNA level (n=6). ** indicates $p < 0.01$ (Mann-Whitney Rank Sum Test). (B) TRPM7 silencing had no effect on TRPM6 mRNA expression (n=4).

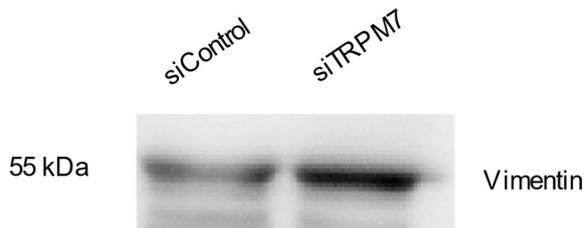
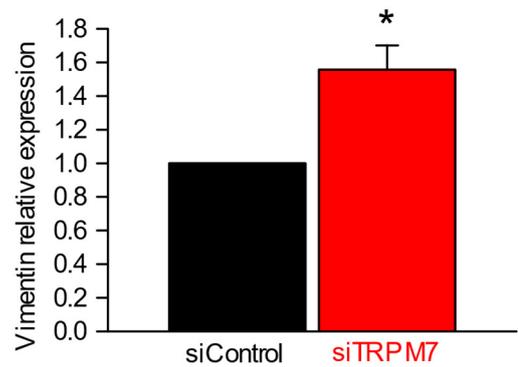
A**B**

Figure S2: Effect of TRPM7 targeting siRNA on vimentin expression. (A) immunoblotting showing the effect of TRPM7 silencing on vimentin expression. (B) TRPM7 silencing increased vimentin expression (n=4). * indicates $p < 0.01$ (Mann-Whitney Rank Sum Test).

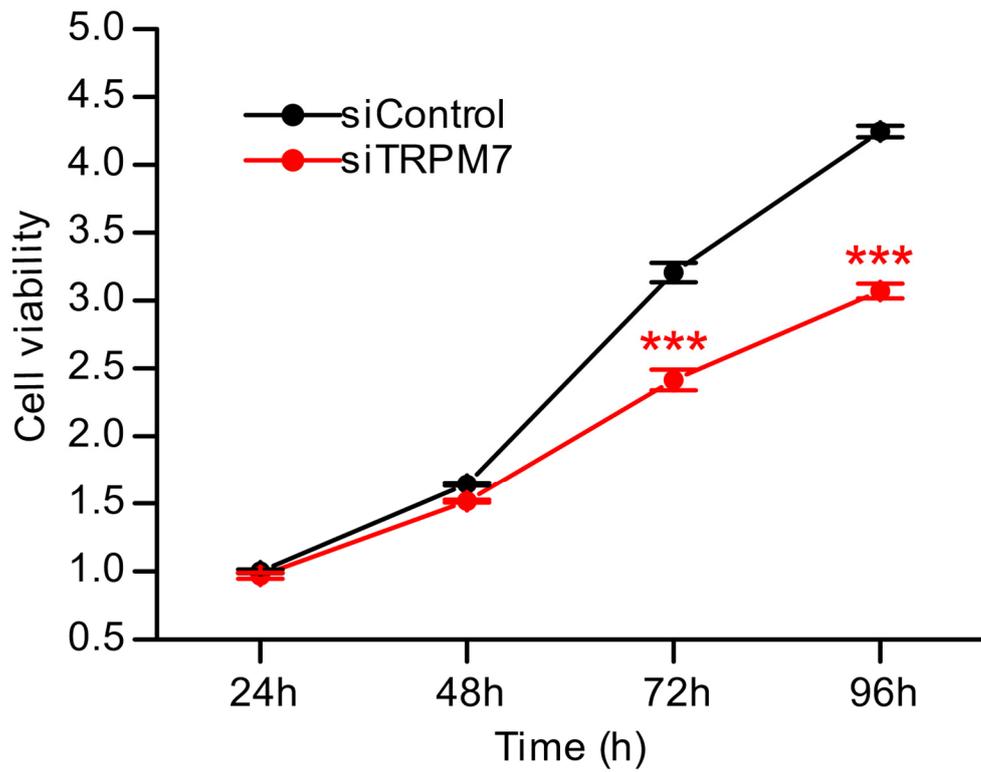


Figure S3: Effect of TRPM7 targeting siRNA on RLT-PSC viability. *** indicates $p < 0.001$ (2-ways ANOVA).