PIM1 Promotes Survival of Cardiomyocytes by Upregulating c-Kit Protein Expression

Cells

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Fig S1: a Full blot of cropped image presented in Fig 1a, b Fig 1b, and c Fig 1c of the manuscript.



Fig S2: Full blot of cropped image presented in Fig 2a of the manuscript.



Fig S3: Negative controls for the Proximity Ligation Assay. Endogenous GFP is shown in green, the PLA signal is shown in red and DAPI is shown in gray.



Fig S4: a Full blot of cropped image presented in Fig 3a and b Fig 3b of the manuscript.



Fig S5: Full blot of cropped image presented in Fig 4b of the manuscript.



Fig S6: Immunoblot analysis of c-Kit, activated ERK1/2 and activated AKT in naïve and virally transduced cardiomyocytes with quantification shown below. Error bars represent SEM, p<0.05, p<0.01 and p<0.001 as measured by two-way ANOVA, multiple comparison with Tukey.



Fig S7: Immunoblot analysis of activated ERK1/2 and activated AKT in NTg and PIM1 overexpressing cardiomyocytes in response to oxidative stress in presence and absence of Imatinib. Quantification is shown below. Error bars represent SEM, **p<0.01 as measured by two-way ANOVA, multiple comparison with Tukey.