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

*Cells*

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**Supplemental Figure 1**

**Fig S1:** **a** Full blot of cropped image presented in Fig 1a, **b** Fig 1b, and **c** Fig 1c of the manuscript.
Supplemental Figure 2

**Fig S2**: Full blot of cropped image presented in Fig 2a of the manuscript.
**Supplemental Figure 3**

**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.
**Supplemental Figure 5**

**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.