**Table S3. Indices of cardiac fibrosis and apoptosis in PDE5-TG and WT after 10 weeks TAC.**

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| --- | --- | --- |
|  | **10 weeks TAC** | |
|  | **WT** | **PDE5-TG** |
| **Red birefringent collagen** (% tissue area) | 4.7±0.8 (n=5) | 4.2±1.1 (n=5) |
| **Green birefringent collagen** (% tissue area) | 1.3±0.4 (n=5) | 1.5±0.7 (n=5) |
| **FN** mRNA levels | 1.00±0.30 (n=13) | 0.79±0.18(n=19) |
| **TGF-β1**mRNA levels | 1.00±0.32 (n=13) | 0.64±0.27(n=19) |
| **CTGF** mRNA levels | 1.00±0.25 (n=13) | 1.05±0.28 (n=19) |
| **# Apoptotic cardiac myocytes** (/ 10 mm2) | 13±4 (n=5) | 18±4 (n=7) |
| **Bcl-2** mRNA levels | 1.00±0.24 (n=12) | 2.22±0.79(n=19) |
| **Bcl-XL**mRNA levels | 1.00±0.48(n=8) | 0.76±0.18(n=11) |
| **Bax** mRNA levels | 1.00±0.23(n=12) | 1.98±0.75(n=18) |
| **Fas** mRNA levels | 1.00±0.29(n=13) | 0.46±0.14(n=21) |
| **FasL** mRNA levels | 1.00±0.43(n=13) | 0.30±0.12(n=21) |