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*Basic Study*

**Cardiac differentiation is modulated by anti-apoptotic signals in murine embryonic stem cells**

Yehya A *et al.* Anti-apoptotic signals tune cardiac differentiation in **mESCs**

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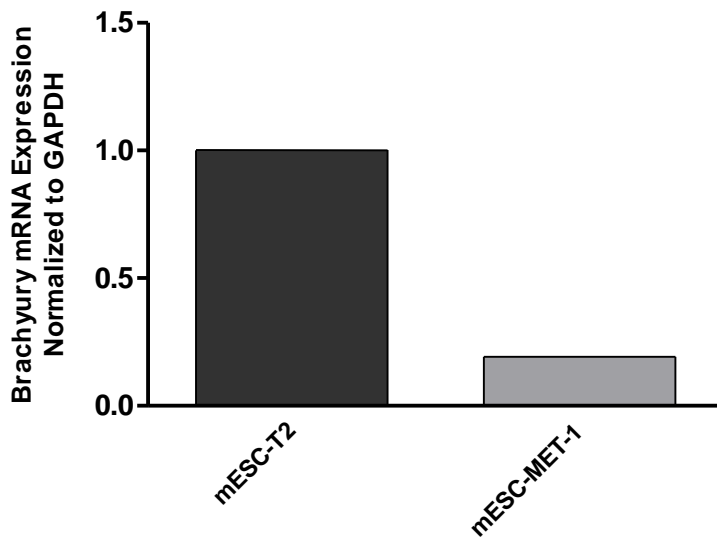
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**Supplementary Figure 1** The anti-apoptotic gene *Met-1* decreased the expression of the early mesodermal differentiation marker brachyury. Total RNA was collected after 14 days of differentiation, and the expression of the brachyury marker was analyzed using quantitative reverse transcription-polymerase chain reaction (qRT-PCR). The average normalized ratio of the target gene to GAPDH was calculated.

**Supplementary Table 1.** List of primer sequences used to determine relative gene expression by qRT-PCR.

Gene	Forward primer (5' - 3')	Reverse primer (5' - 3')
NKX2.5	AAGTGCTCTCCTGCTTTCCC	AGCGCGCACAGCTCTTTTT
GATA4	AGACACCCCAATCTCGATATGTT	ATTGCACAGGTAGTGTCCCG
Troponin T2	GCGGAAGAGTGGGAAGAGACAGAC	GCACGGGGCAAGGACACAAG
Brachyury	AAC TGGTCTAGCCTCGGAGT	GGTGTGTAATGTGCAGGGGA
GAPDH	AACTTTGGCATTGTGGAAGG	ACACATTGGGGGTAGGAACA