

## Supplementary table 1: Tréguer et al.

Target gene		Sequence (5'-3')
Mouse <u><math>\beta</math>-actin</u>	For	ACGCCAGGTCATCACTATTG
	Rev	CCAAGAAGGAAGGCTGGAAAA
Oct4 (Pou5f1)	For	AAGTGCCCGAAGCCCTCCCT
	Rev	GCCCTTCTGGCGCCGGTTAC
Brachyury	For	GCTTCAAGGAGCTAACTAACGAG
	Rev	CCAGCAAGAAAGAGTACATGGC
VE-Cadherin	For	AGCGCAGCATCGGGTACT
	Rev	TCGGAAGAATTGGCCTCTGT
<u>Runx1</u>	<u>For</u>	<u>GCAGAGCGGTGAAAGAAATTA</u>
	<u>Rev</u>	<u>TGAAGCACTGTGGATATGAAGG</u>
<u>SMA</u>	<u>For</u>	<u>CTTCCAGCCATCTTTCATTGG</u>
	<u>Rev</u>	<u>TGATGCTGTTATAGGTGGTTTCGT</u>

**Supplementary Table 1: Sigma Primers** (Sigma-Aldrich, Taufkirchen, Germany)  
 For the detection of Tal1 verified primers were used (Quantitect primer Assay, Qiagen).

Supplementary table 2: Tréguer et al.

Taqman assay ID	Target Sequence (5'-3')
snRNA U6	GUGCUCGCUUCGGCAGCACAUAUACUAAAAUUGGAACGAUACAGAG AAGAUUAGCAUGGCCCCUGCGCAAGGAUGACACGCAAUUCGUGAA GCGUUCCAUAUUUUUACUGCCCUCCAUGCCUGCCCCACAAACGCUC UGAUAACAGUCUGUCCUGUCUCUCUCCUGCUGCUCCUAUGGAAGC GAAGUUUCCCGUCCUGCAGAAAGCAAAGUUACGACUCAGAGACGG CUGAGGAUGACAUCAGCGAUGUGC
Hsa-miR-17	CAAAGUGCUUACAGUGCAGGUAG
Hsa-miR-18a	UAAGGUGCAUCUAGUGCAGAUAG
Hsa-miR-19a	UGUGCAAUCUAUGCAAACUGA
Hsa-miR-20a	UAAAGUGCUUAUAGUGCAGGUAG
Hsa-miR-92a	UAUUGCACUUGUCCCGGCCUGU
PECAM (CD31)	Exon boundary 7-8
PolR2A	Exon boundary 5-6
Tie2	Exon boundary 13-14

**Supplementary Table 2: Taqman Assays** (Applied Biosystems, Carlsbad, CA, USA)