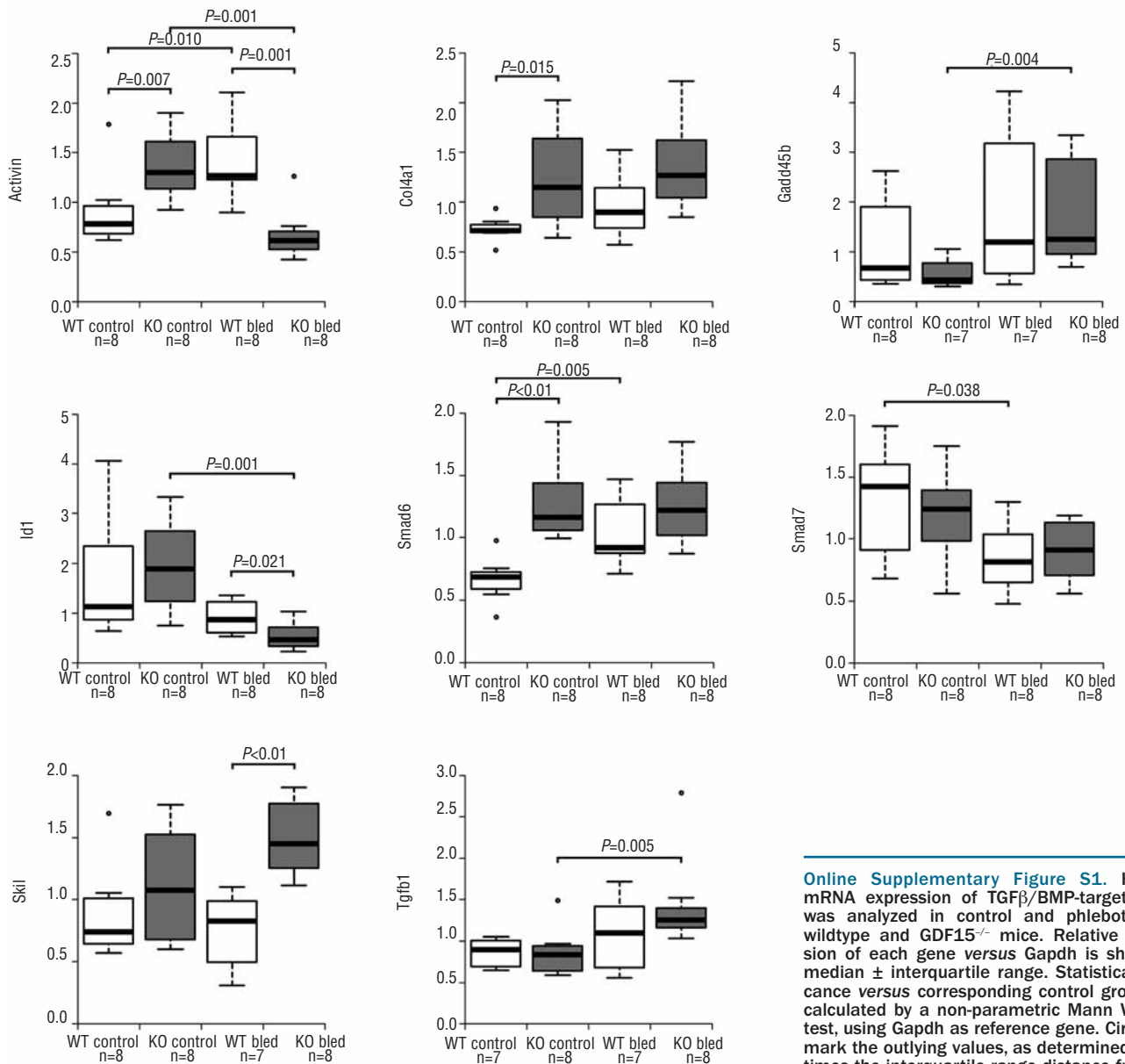


# The murine growth differentiation factor 15 is not essential for systemic iron homeostasis in phlebotomized mice

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**Online Supplementary Figure S1.** Hepatic mRNA expression of TGFβ/BMP-target genes was analyzed in control and phlebotomized wildtype and GDF15<sup>-/-</sup> mice. Relative expression of each gene versus Gapdh is shown as median ± interquartile range. Statistical significance versus corresponding control group was calculated by a non-parametric Mann Whitney test, using Gapdh as reference gene. Circles (○) mark the outlying values, as determined by 1.5 times the interquartile range distance from the upper and lower quartile. n: number of animals analyzed in each group.

Online Supplementary Table S1. List of primers used in quantitative real-time PCR reactions.

Gene	Forward Primer (5'-3')	Reverse Primer (5'-3')
Activin	GGGCCTTTTGATGCTGTCG	TGGCAGAATGGTCTCTTGCAG
Col4a1	CCAGGTGAAAGGGGAGAAAAAG	CCAGGTTGACACTCCACAATG
Gadd45b	CAACGCGGTTTCAGAAGATGC	GGTCCACATTCATCAGTTTGGC
Gdf15	GAGCTACGGGGTCGCTTC	GGGACCCCAATCTCACCT
Gdf15*	ATACTCAGTCCAGAGGTGAGATTGGG	TCGGTGACGCGGTAGGCTT
Hamp	ATACCAATGCAGAAGAGAAGG	AACAGATACCACACTGGGAA
Id1	ACCCTGAACGGCGAGATCA	TCGTGGCTGGAACACATG
Smad6	GTTGCAACCCCACTTC	GGAGGAGACAAGAATA
Smad7	GCAGGCTGTCCAGATGCTGT	GATCCCAGGCTCCAGAAGA
Skil	TCCCCAGACACATTCATTTTAC	TGGTGGCCTCTTTAGACTGG
Tgfb1	CCGCAACAACGCCATCTATG	CTCTGCACGGGACAGCAAT
Twsg1	TGAGCAAATGCCTCATTTCAG	CAGGGGCAGTTCCTTCT
Gapdh	GTGGAGATTGTTGCCATCAACGA	CCCATTCTCGGCCTTGACTGT

\*Primers used in the analysis of th3<sup>-/-</sup> mice.