**Supplementary File for**

**Altered regulation of mesenchymal cell senescence promotes pathological changes associated with diabetic wound healing**

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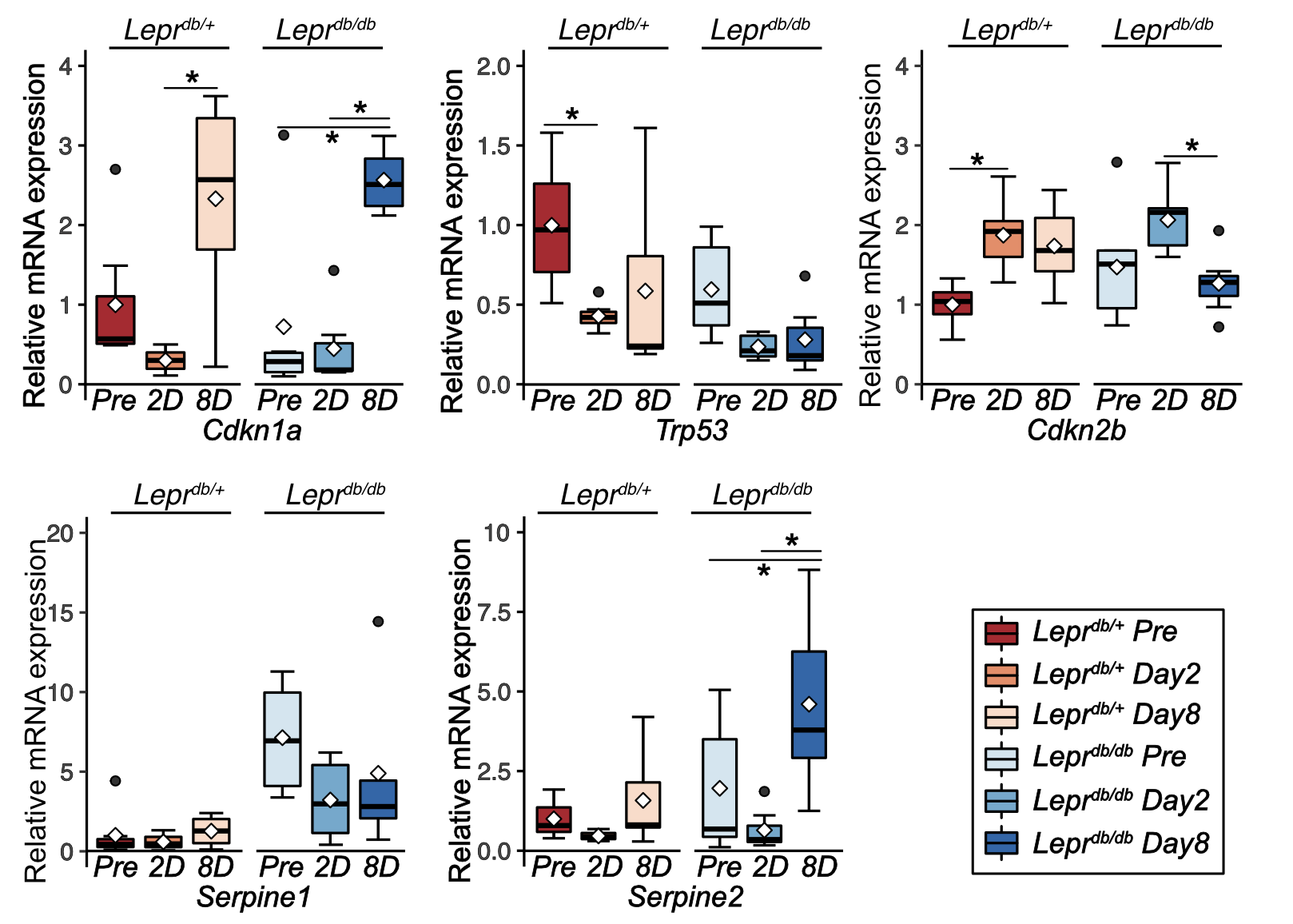
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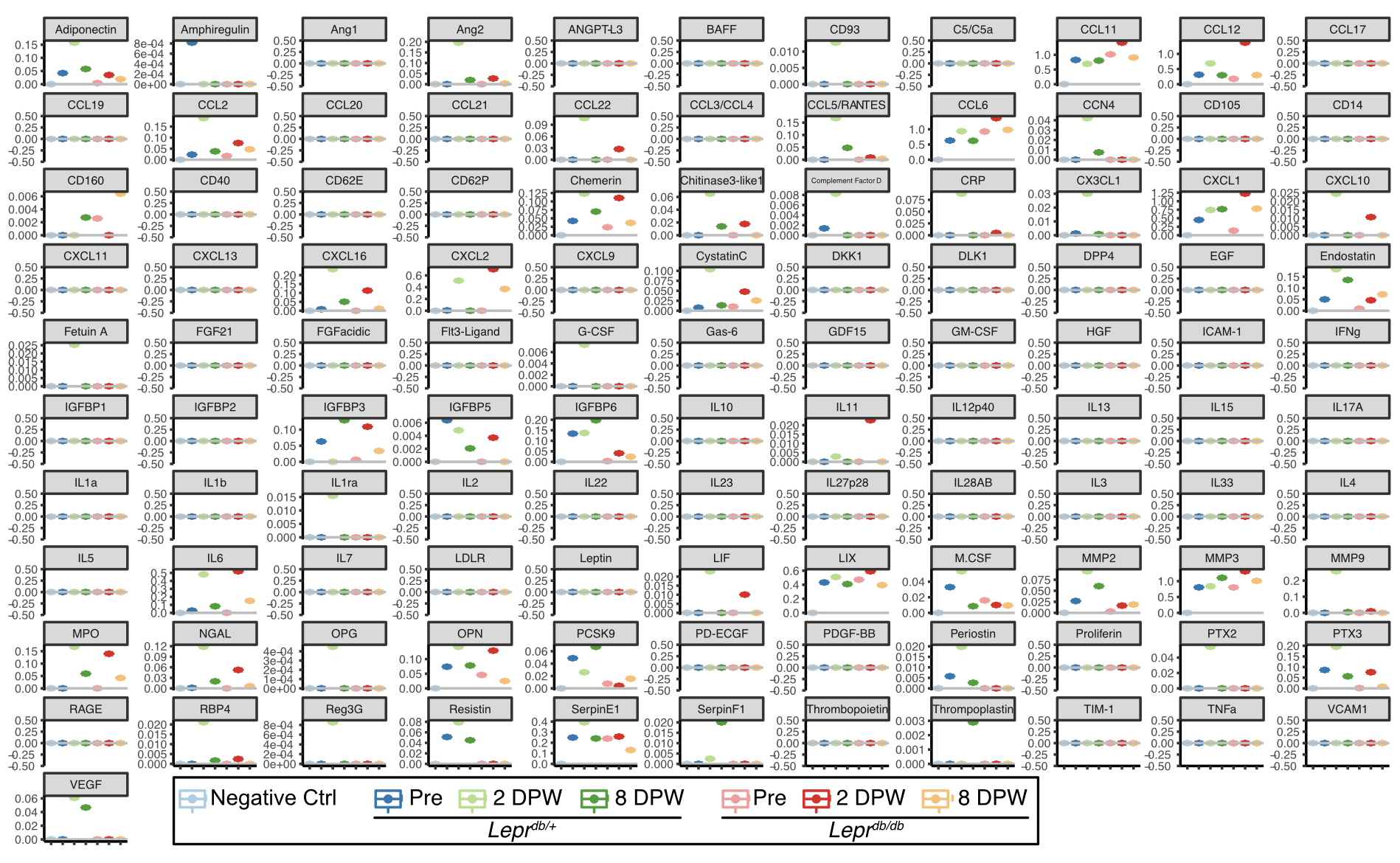
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**Supplementary Figures**

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***Supplementary Figure 1. Senescence-related gene expression in skin during wound healing in Leprdb/+ and Leprdb/db mice***

Relative mRNA expression of senescence-related genes at pre-wound, 2DPW, and 8DPW for *Leprdb/+ and Leprdb/db* mice (n=6–7 for each group)*.* Quantitative data are presented as the means and medians with IQRs and 1.5 times the IQR and are displayed as box-and-whisker plots. *p*-values were determined by one-way ANOVA adjusted by the Tukey method (\**p*<0.05).



***Supplementary Figure 2.* Quantitative data for the proteome profiler antibody array**

Quantitative data for the proteome profiler antibody array for SASP-containing culture media collected from organ culture of adipose tissue at pre-wound, 2 DPW, and 8 DPW.

***Supplementary Table 1. Specific primer sequence used for real-time PCR***

