

Supplementary Figures

Data independent acquisition mass spectrometry of irradiated mouse lung endothelial cells reveals a STAT-associated inflammatory response

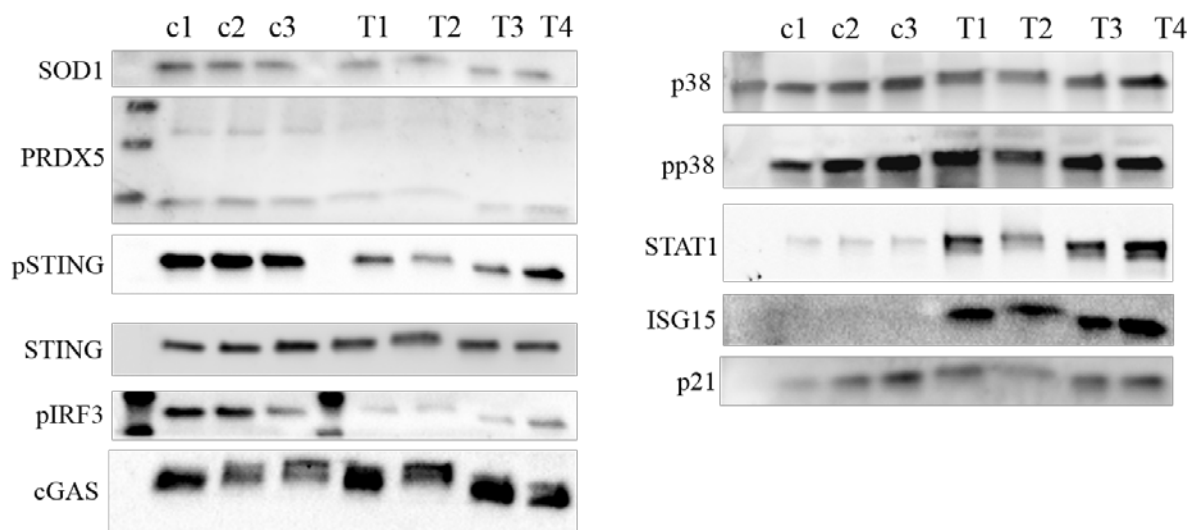
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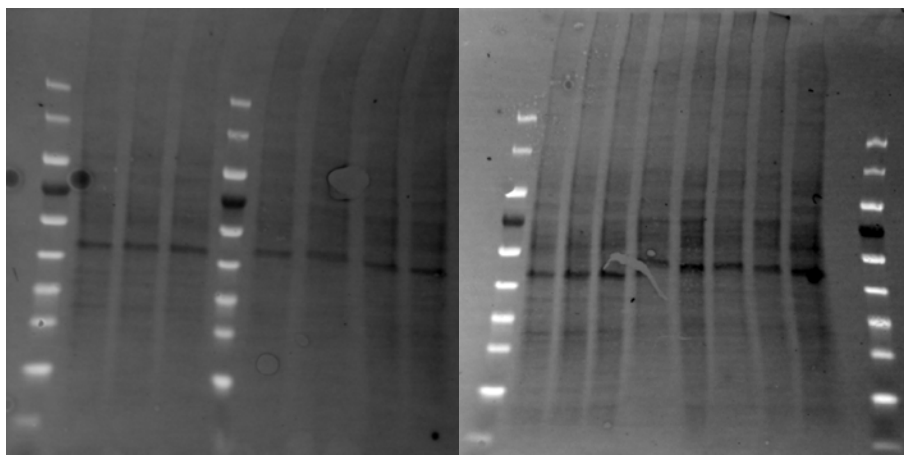
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 pSTING and pIRF3



StainFree™ for StainFree™ for StainFree™ for
 STAT1 and STING PRDX5 pp38 and p38

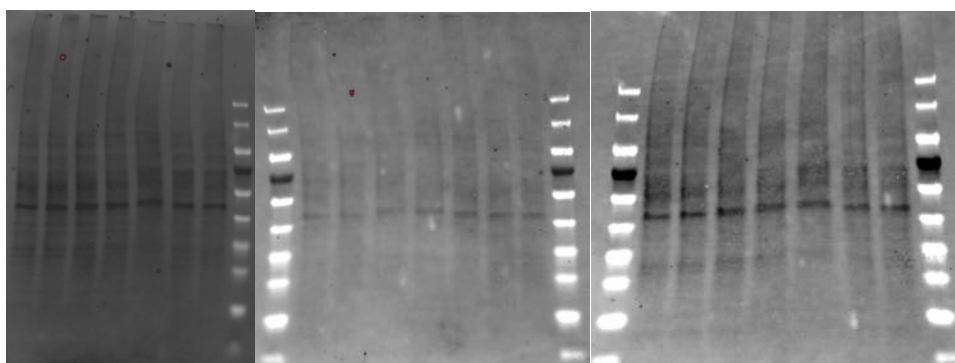


Figure S1. Immunoblots of the presented proteins are shown. Underneath the control StainFree™ gels used for normalization for the tested proteins is shown.

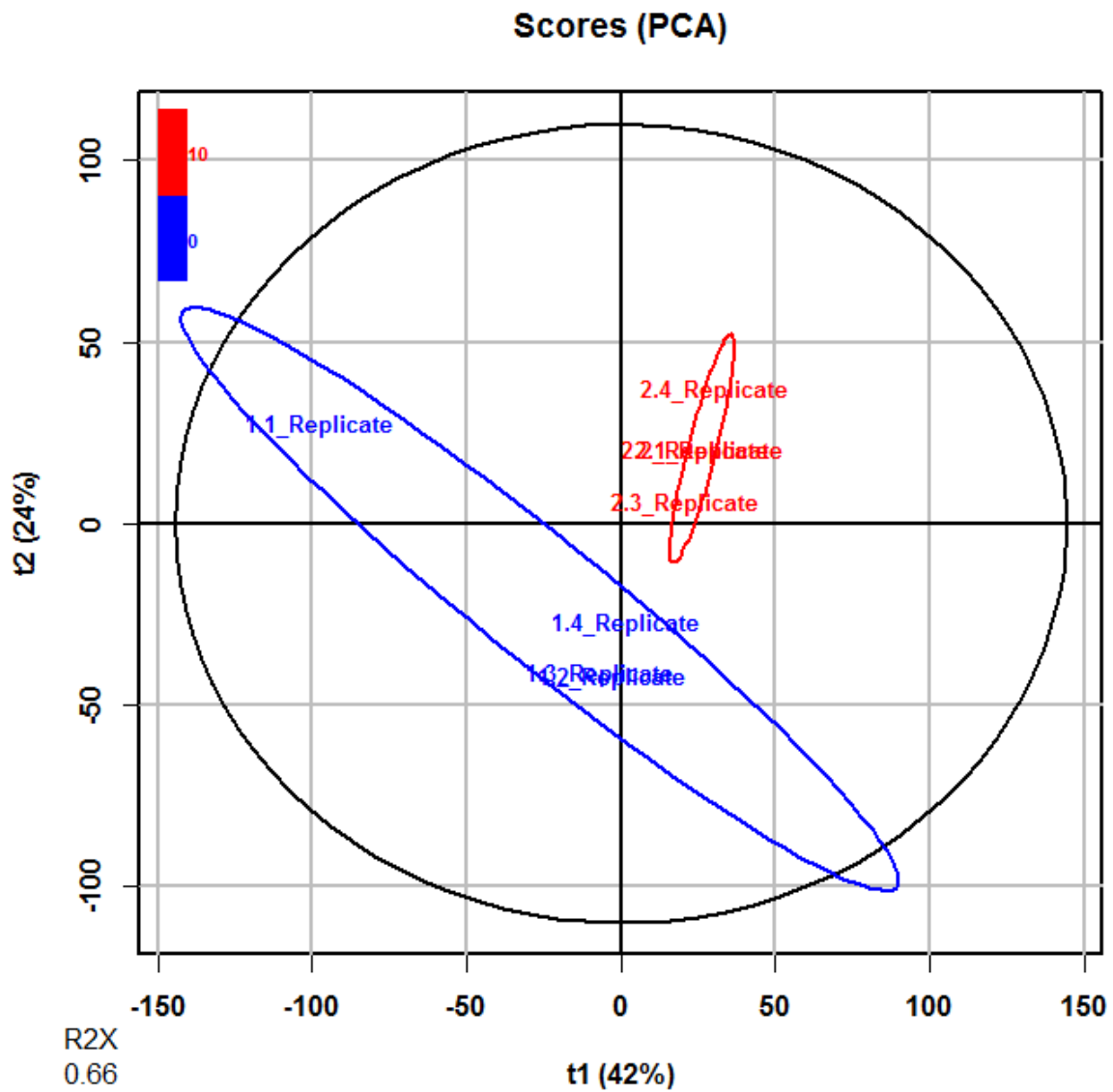


Figure S2. Principal component analysis (PCA) based on all proteomic feature is shown. PCA shows that control replicate 1.1 is not comparable with the other control replicates. Therefore it was not included in the further analysis.

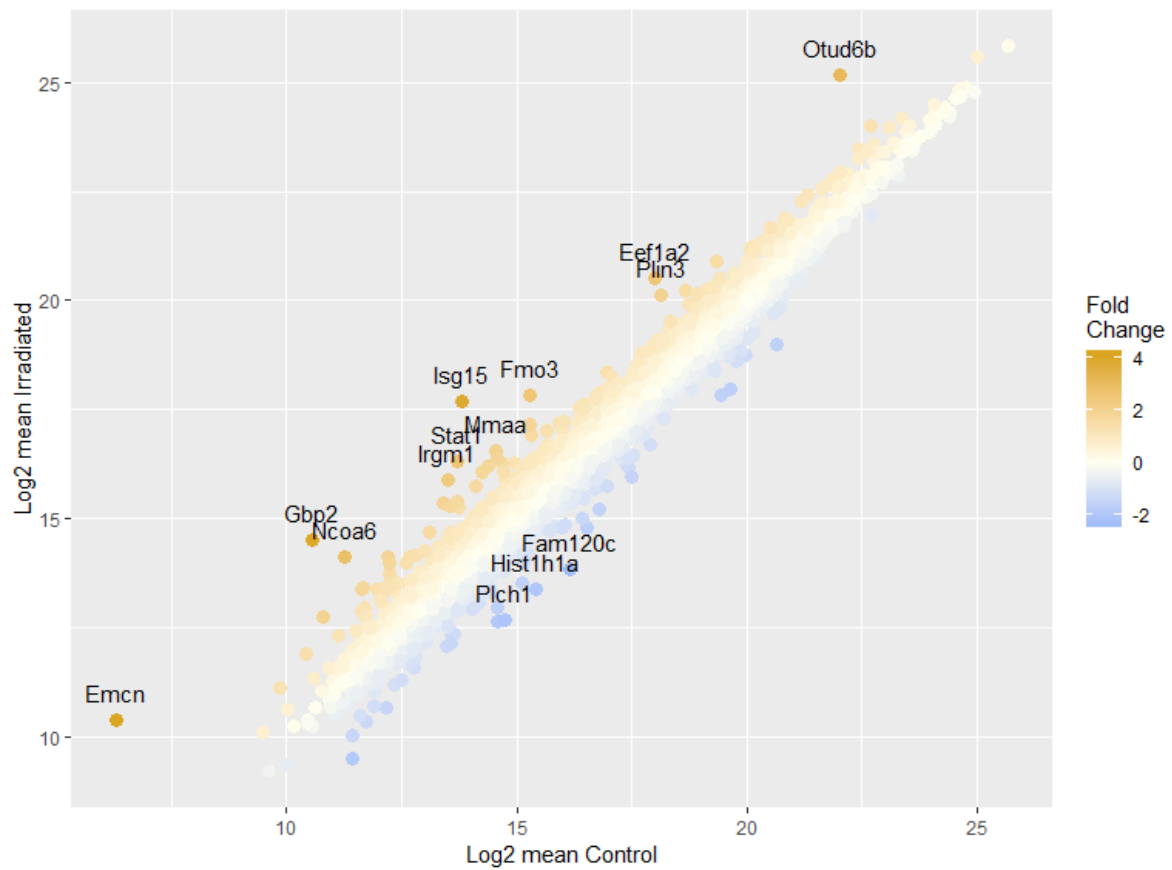


Figure S3: Scatterplot showing the correlation between the log₂ mean fold change of the control samples (x-axis) and the log₂ mean fold change of the irradiated samples (y-axis). A clear correlation between the two groups is indicated by the linearity of the white non-changed area. Fold changes higher than 3 were labelled with the corresponding protein names.