

Exploring the transcription factor activity in
high-throughput gene expression data using RLQ
analysis

Florent Baty, Jochen Rüdiger, Nicola Miglino,
Lukas Kern, Peter Borger, and Martin Brutsche

Appendix — Figures

Figure 1: **RLQ analysis of the time course effect of mometasone-furoate — fourth-corner statistics.** The significance of the link between experimental variables and transcription factor binding sites was tested by permutation procedures. All 282 TFBSs are represented row-wise in alphabetic order, whereas all time points (in hours) are represented column-wise. The following color coding was used: white for non-significant, light grey for negative significant, and dark grey for positive significant relationship.

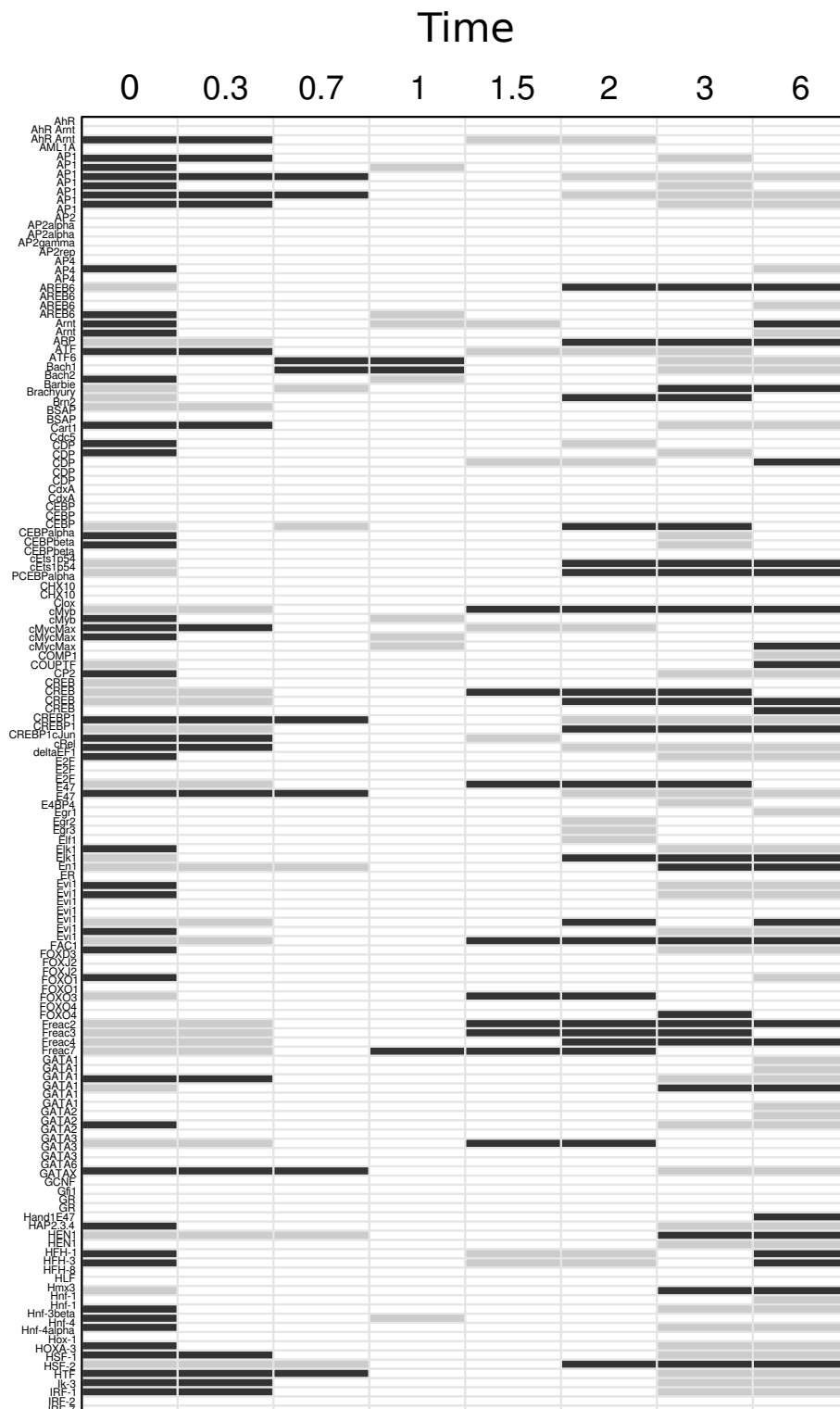


Figure 2: **Western blot analysis of OCT-1 and CREB protein expression levels.** This shows the time course effect of MF on the expression levels of nuclear (left lanes) and cytosolic (right lanes) OCT-1 and CREB in primary lung fibroblasts.

