# Supplementary Information

# Genomic profiling of the transcription factor Zfp148 and its impact on the p53 pathway

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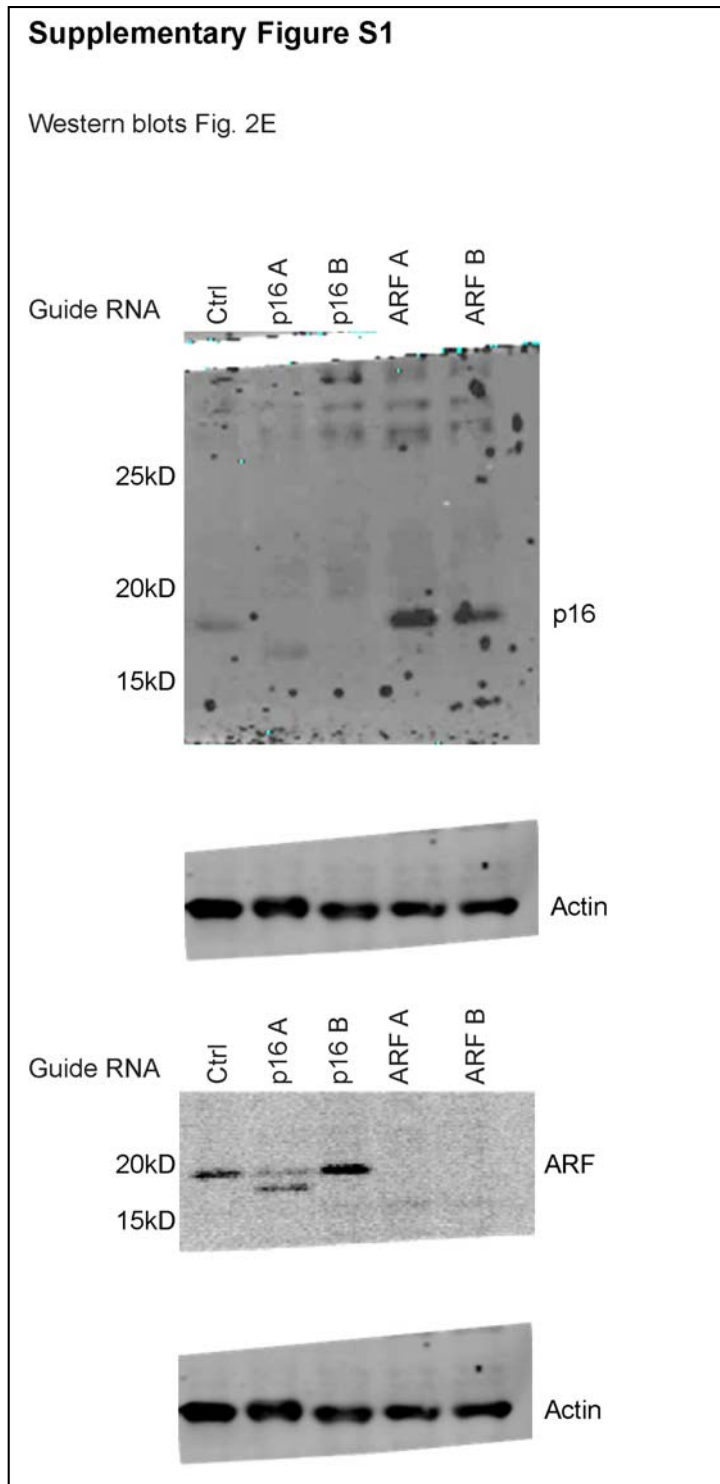
Supplementary Fig. S1. Uncropped western blot images in Fig. 2E. Western blots of protein extracts from *Zfp148^(gt/gt)* MEFs infected with lentivirus expressing Cas9 and gRNA targeting p16, ARF, or negative control (Ctrl), with antibodies against p16 (top) or ARF (bottom). Actin was used as loading control.
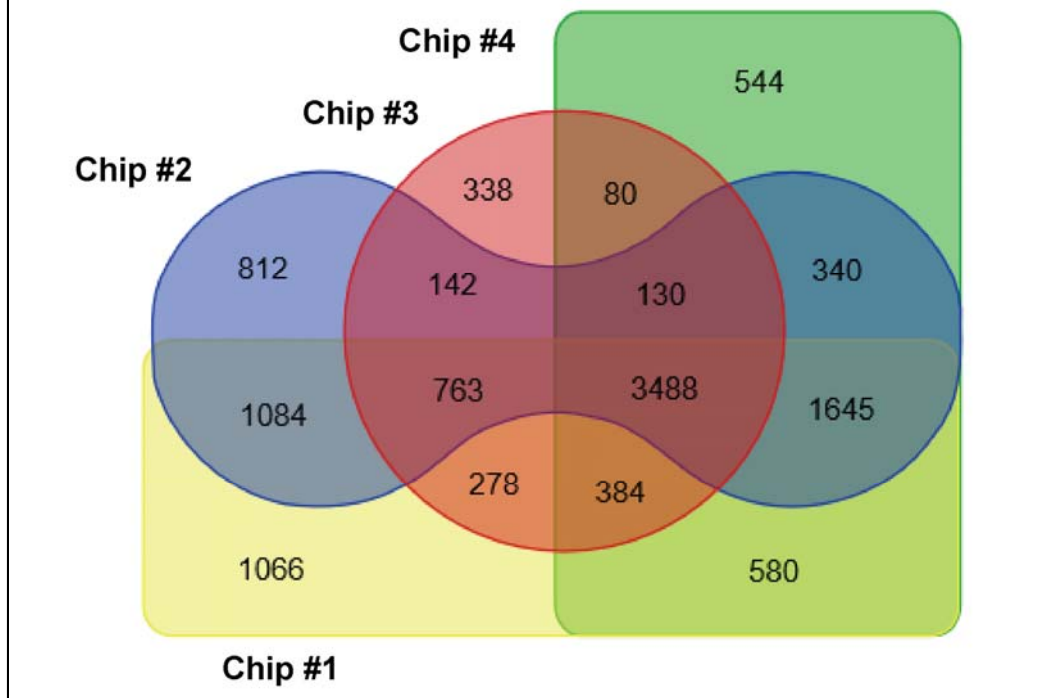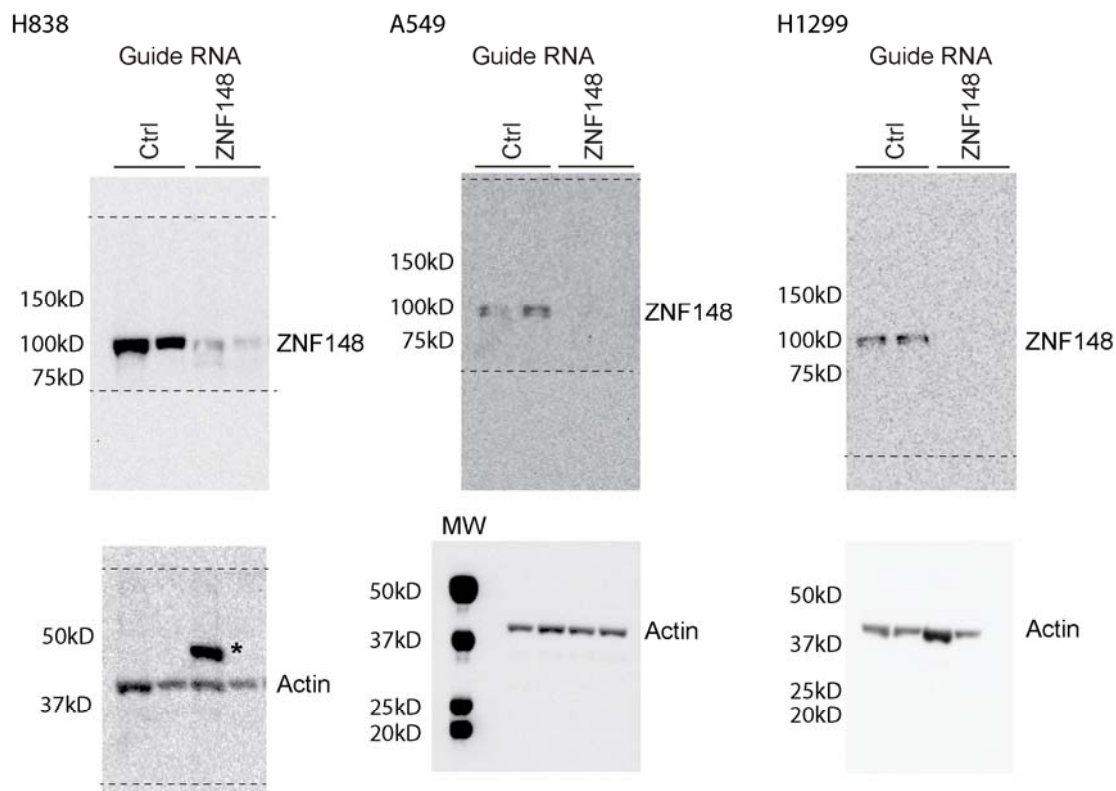
Supplementary Fig. S2. Venn diagram showing the overlap between individual ChIP-chip experiments.

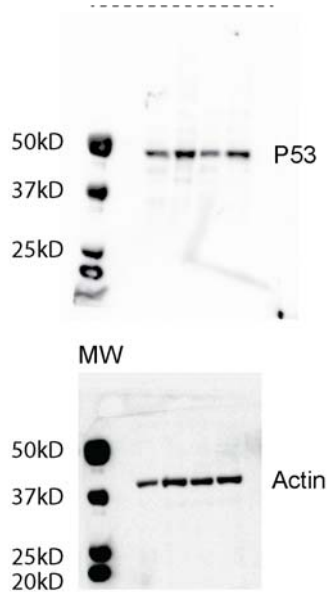**Supplementary Fig. S3. Uncropped western blot images in Fig. 5A and B.** Western blots of

protein extracts from H838, A549, or H1299 cells infected with lentivirus expressing Cas9 and gRNA targeting *ZNF148* or negative control (Ctrl), with antibodies against ZNF148 (top) or p53 (bottom). Actin was used as loading control. *ectopic band; MW, molecular weight marker; Eto, etoposide. Dashed line indicates the border of the blot.