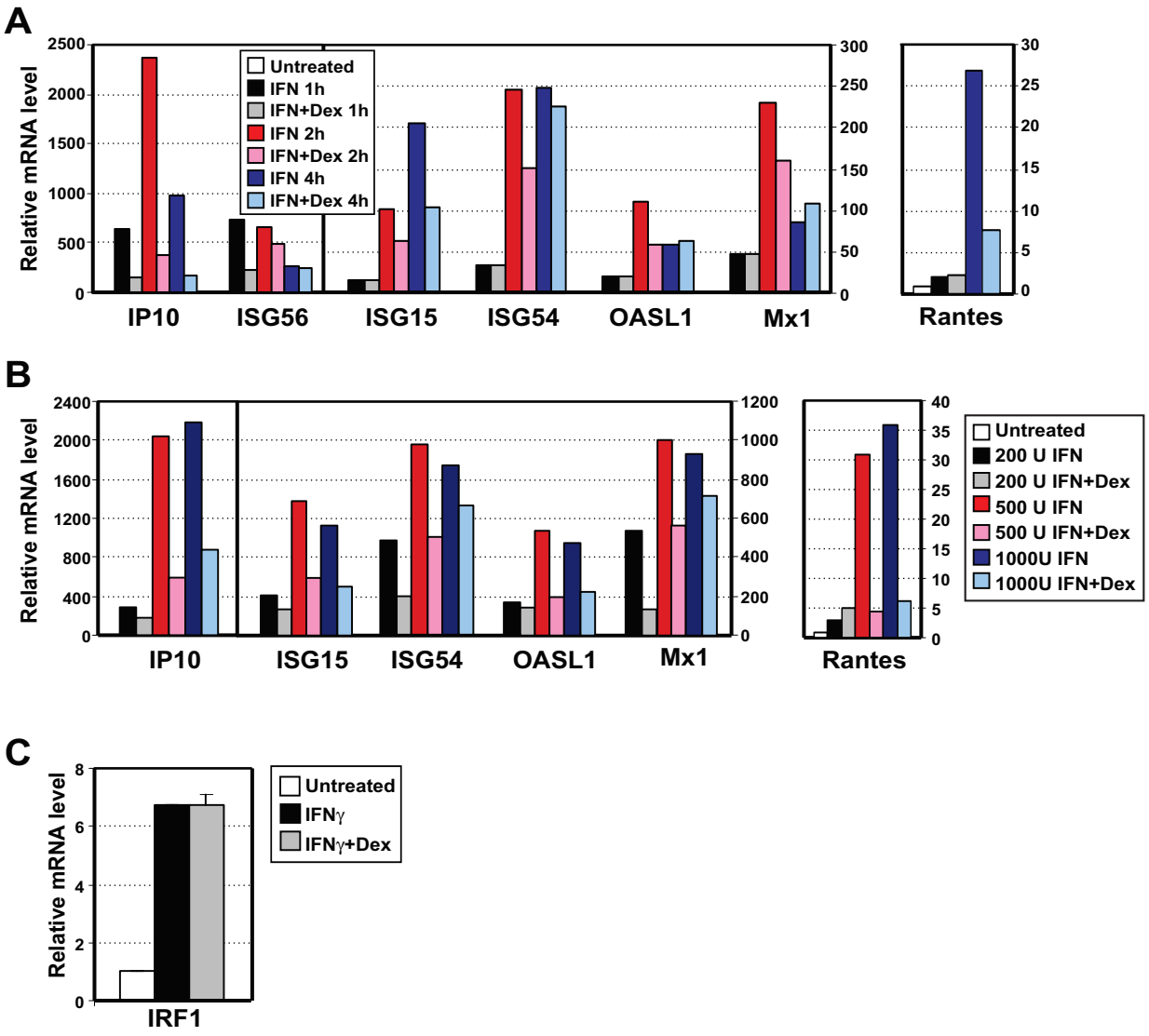
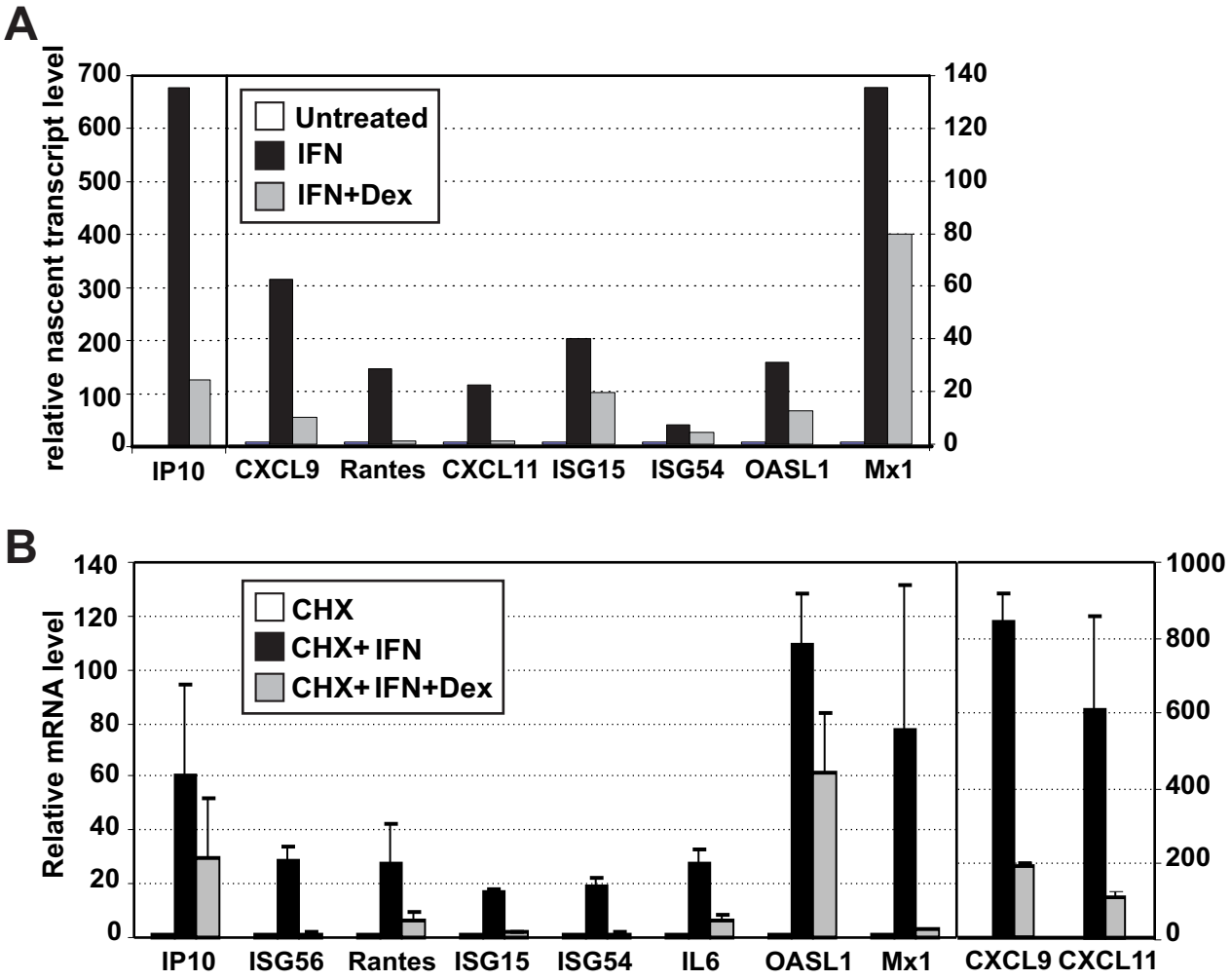
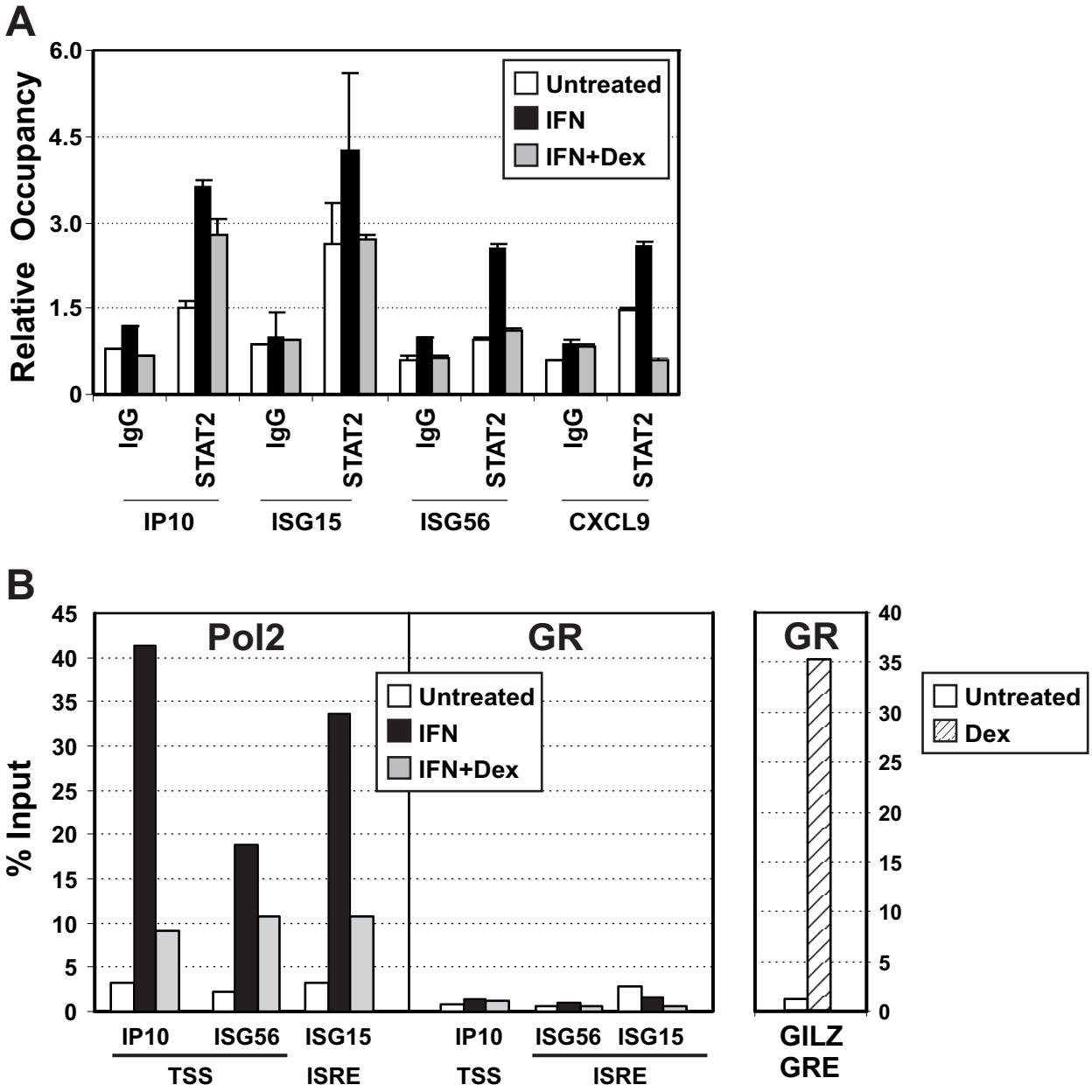


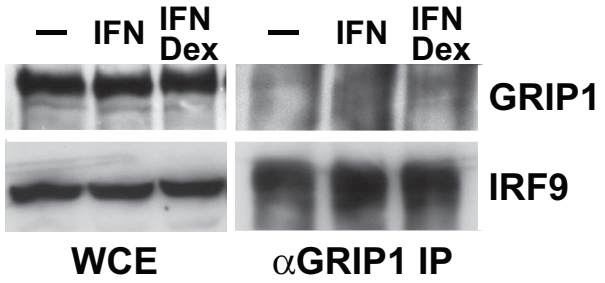

**Supplementary Figure S1.** Inhibition of ISGF3-mediated transcription by GCs is dose- and time-dependent. BMMΦ were treated with 500 U/mL IFN -/+ 100 nM Dex for indicated times (A) or for 2 h with the indicated doses of IFN (B). (C) BMMΦ were treated with IFNγ -/+ 100 nM Dex for 2 h. mRNA expression of Type I IFN targets (A,B) or the IFNγ target, IRF1, (C) was assessed by qPCR with GAPDH as a normalization control and expressed relative to untreated cells (con=1).




**Supplementary Figure S2.** Dex-mediated suppression of ISG expression is independent of mRNA stability, processing, or new protein synthesis. (A) BMMΦ were treated with 500 U/mL IFN -/+ 100 nM Dex for 2 h, and nascent transcripts were analyzed by qPCR as in Figure 1, using primers specific for intronic regions. (B) BMMΦ were pretreated for 30 min with 20 μg/mL CHX, followed by treatment with 500 U/mL IFN -/+ 100 nM Dex, as indicated, and mRNA levels of target genes were analyzed by qPCR, as in Figure 1. Error bars represent ± SEM. Results are representative of at least three independent experiments.




**Supplementary Figure S3.** (A) IFN-induced STAT2 occupancy of ISREs is diminished by Dex co-treatment. BMMΦ were treated as indicated for 30 min. ChIPs were performed using antibodies to STAT2 or isotype-matched control IgG. Occupancy was determined by qPCR amplification over ISRE regions of indicated target genes and expressed as in Figure 3. Error bars represent ± SEM. Results are representative of three independent experiments. (B) GR is not recruited to ISG promoters. RAW264.7 cells were treated as indicated for 30 min. Occupancy of GR and Pol2, at the indicated regions of ISGs (left) and GILZ (right), was determined by ChIP, quantified by qPCR, and expressed as a percentage of total DNA input.




**Supplementary Figure S4.** GRIP1 constitutively associates with IRF9 in mouse fibroblasts. 3T3 fibroblasts were treated as shown for 1 h and lysates were prepared. 20% of each lysate was boiled in sample buffer to generate WCE, whereas the rest was precipitated with anti-GRIP1 antibody (αGRIP1 IP). Protein complexes were collected on protein A/G PLUS agarose beads, boiled in sample buffer and separated by SDS-PAGE along with WCE. GRIP1 and IRF9 were detected by immunoblotting.

**Supplementary Table S1.** qPCR primers used in the study

| | |
|---|---|
| IP10-ChIP-ISRE | F:5'-ATTCTGCAAGGCACTCATCTGATT-3'<br>R:5'-GTGACCCATGAACTTGGAATTTC-3' |
| IP10-ChIP-TSS | F:5'-GGAGCCTTGCTGAGTCATCTCC-3'<br>R:5'-GGCAGCACTTGGGTTCATGGTGC-3' |
| IP10 exon | F:5'-CTGCAACTGCATCCATATCG-3'<br>R:5'-CAATGATCTCAACACGTGGG-3' |
| IP10 intron | F:5'-ACACAGACACTGAGGTGCCTTCTT-3'<br>R:5'-CATTTGGCAGCTTTACCCGTGACA-3' |
| ISG15-ChIP-ISRE | F:5'-GGTTACAGCTTTGACCCTTGAGAGC-3'<br>R:5'-CGGAGTTTCCAGAAACCAGAGCTA-3' |
| ISG15-ChIP-TSS | F:5'-CCGCCTCTTCACACCCACAGC-3'<br>R:5'-CTCTAGGTCCCCTGGAATTAAGGAG-3' |
| ISG15 exon | F:5'-CAGGACGGTCTTACCCTTTCC-3'<br>R:5'-AGGCTCGCTGCAGTTCTGTAC-3' |
| ISG15 intron | F: 5'- CTCTCCTCTATTAGGGGAACCATCCA-3'<br>R:5'-AGTTCAGGCCAAGTAGCTCGATGC-3' |
| ISG56-ChIP-ISRE | F:5'-TCAGTGGAGAATGCAGTAGGGCAA-3'<br>R:5'-ACTGTCACACCAACTGGAAGCTCA-3' |
| ISG56-ChIP-TSS | F:5'-TGAGCTTCCAGTTGGTGTGACAGT-3'<br>R:5'-CCTTACCCCATGGTTGCTGTAAAGG-3' |
| ISG56 exon | F:5'-TGCTTTGCGAAGGCTCTGAAAGTG-3'<br>R:5'-TGGATTTAACCGGACAGCCTTCCT-3' |
| CXCL9-ChIP-ISRE | F:5'-GTCATTGTATAATCTATTCCACATCCAGG-3'<br>R:5'-CTACTCTCAGATCCCAGGGAATTTC-3' |
| CXCL9-ChIP-TSS | F:5'-TCAGCTGAGGAGACCAGCCAATC-3'<br>R:5'-GGACTTCATGGCAGAGCTGAGTTC-3' |
| CXCL9 exon | F:5'-CCTTTCCTTCATAGCTATCCAATGCAC-3'<br>R:5'-CTCTCCAGCTTGGTGAGGTCTATC-3' |
| CXCL9 intron | F:5'-CGTAGGTACCATCTGAGAGTGTAGG-3'<br>R:5'-CCCAGACAACTGACAAGTATGGC-3' |
| CXCL11-ChIP-ISRE | F:5'-GTGGCTTCTTAACTCCAGCAGAGG-3'<br>R:5'-CCAGCAATCTTCAGGCAGTATCAGG-3' |
| CXCL11-ChIP-TSS | F:5'-GAGAGATCTCCAAAGCCCAGGC-3'<br>R:5'-CAGACTCAGAAGCTACGGGCAC-3' |
| CXCL11 exon | F:5'-ATGTGACATCCTGGGAACGTCTGAC-3'<br>R:5'-GTTCTGCAGCCTGGTAATACGTGG-3' |
| CXCL11 intron | F:5'-TCACCAGCGACTGTGAAAGACGC-3'<br>R:5'-AGTATGAGTATGCTATGAGACCGGC-3' |
| ISG54 exon | F:5'-GCCCACCCCTCCTCACAGTC-3'<br>R:5'-TATCACATGGGCCAGTTCTCAAAG-3' |
| ISG54 intron | F:5'-AGTTCAGGCCAAGTAGCTCGATGC-3'<br>R:5'-GTTCTTCAACCTTGAACACTAACTCC-3' |
| OASL1 exon | F:5'-GCCATTGCACGCTCGCCTACTAC-3'<br>R:5'-CTCCTGCCATCCGGGTTTTTCA-3' |
| OASL1 intron | F:5'-AGGCTGAGAGTAGCCATTGGGCT-3'<br>R:5'-GAGAAACTTGGGTACCGTTTGAGTAG-3' |
| IL6 exon | F:5'-ATGAAGTTCCTCTCTGCAAGAGACT-3'<br>R:5'-CACTAGGTTTGCCGAGTAGATCTC-3' |
| Mx1 exon | F:5'-AAACCTGATCCGACTTCACTTCC-3'<br>R:5'-TGATCGTCTTCAAGGTTTCCTTGT-3' |
| Mx1 intron | F:5'-CTGTCTACTGTAGGTGGAAGCATAGC-3'<br>R:5'-CTGCCTCATTTAAAGGTCAGGGTCC-3' |
| RANTES exon | F:5'-GCCCCACGTCAAGGAGTATTTCTA-3'<br>R:5'-ACACACTTGGCGGTTCCTTC-3' |
| RANTES intron | F:5'-CATATGTAGGAAAGCAGAGGGCAC-3'<br>R:5'-GACAATAGTACACGGTGTGGGTG-3' |
| GRIP1 | F:5'-TGCTGCCAAAGTCCATGGTGAATG-3'<br>R:5'-ATCGCCTCGTATTTCTGATGGGCT-3' |
| Actin | F:5'-AGGTGTGCACTTTTATTGGTCTCAA-3'<br>R:5'-TGTATGAAGGCTTTGGTCTCCCT-3' |
| GAPDH | F:5'-ACGACCCCTTCATTGACC-3'<br>R:5'-AGACACCAGTAGACTCCACG-3' |
| 28S-ChIP | F:5'-GATCCTTCGATGTCGGCTCTTCCTATC-3'<br>R:5'-AGGGTAAAACTAACCTGTCTCACG-3' |
| GILZ-ChIP-GRE | F: 5'-GGGACAGTGATTCACCCAACTCAG-3'<br>R: 5'-TTTCTCTTGGCCTGTTGGTCCTGC-3' |