



Examples of IL-1-dependent nuclear translocation of NF- κ B and phosphorylated p65 NF- κ B and recruitment to the endogenous IL-8 promoter.

A) „Classical“ EMSA assay whereby nuclear NF- κ B proteins interact with a radioactively labelled NF- κ B oligonucleotide that contains a consensus NF- κ B site. B) Western blot of total p65 NF- κ B and phospho-p65 NF- κ B demonstrating the IL-1-induced nuclear accumulation of NF- κ B proteins. C) Recruitment of endogenous p65 and phospho-p65 to the IL-8 promoter assayed by chromatin immunoprecipitation (ChIP). D) Schematic representation of the IL-8 promoter; arrows represent primers used for ChIP as shown in C). For details see (Krause et al, J.Biol.Chem., 1998, Buss et al., J.Biol.Chem., 2004, Hoffmann et al., J.Biol.Chem., 2005).