

I κ B kinase β regulates redox homeostasis by controlling the constitutive levels of glutathione

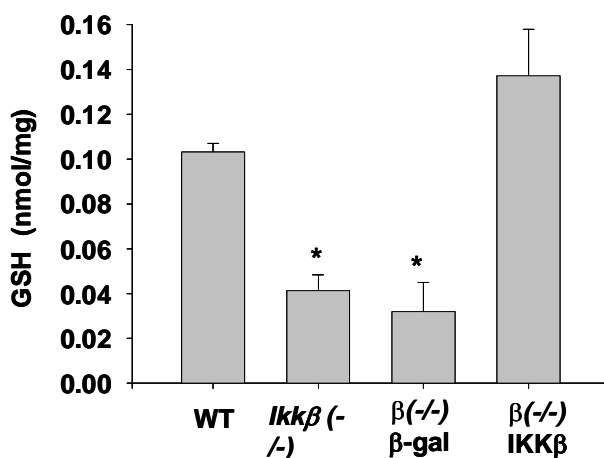
Zhimin Peng, Esmond Geh, Liang Chen, Qinghang Meng, Yunxia Fan, Maureen Sartor, Howard G.

Shertzer, Zheng-Gang Liu, Alvaro Puga and Ying Xia

Molecular Pharmacology**Supplemental Information**

Supplemental figure 1. The extracellular GSH level. The growth medium of wild type, *Ikk β* ^(-/-), *Ikk β* ^(-/-) cells infected with β -gal adenovirus and IKK β adenoviruses were collected and used for measuring extracellular GSH levels. Data are presented as the mean values \pm S.E. from at least three independent experiments. *($p < 0.05$); **($p < 0.01$); ***($p < 0.001$) Statistically different from the mean values in wild type cells under same condition.

Supplemental figure 2. (A) Wild type, *Ikk β* ^(-/-), *Traf2*^(-/-), *Tnfr1*^(-/-) and *Ikk β* ^(-/-) cells infected with β -gal adenoviruses and IKK β adenoviruses were transiently transfected with plasmids for β -galactosidase and NF- κ B-luc. Twenty-four hours after transfection, the cells were treated with 10 ng/ml TNF α for 16 h. Luciferase activity was measured and normalized for β -galactosidase activities. Data are presented as the mean values \pm S.E. from at least three independent experiments. **($p < 0.01$); ***($p < 0.001$) Statistically different from the mean values in wild type cells under same condition.

S1**S2**