

SUPPLEMENTARY FIGURES AND LEGENDS

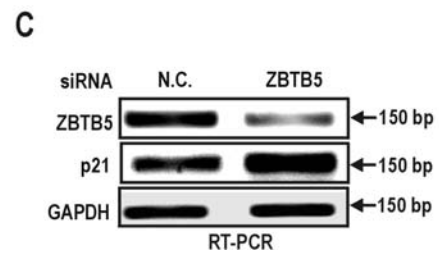
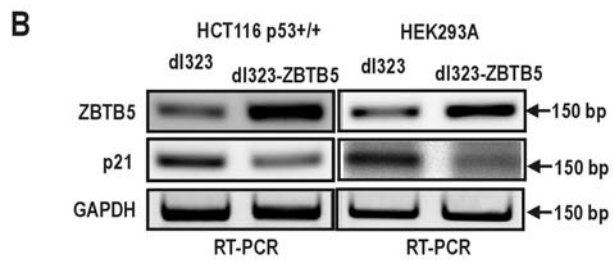
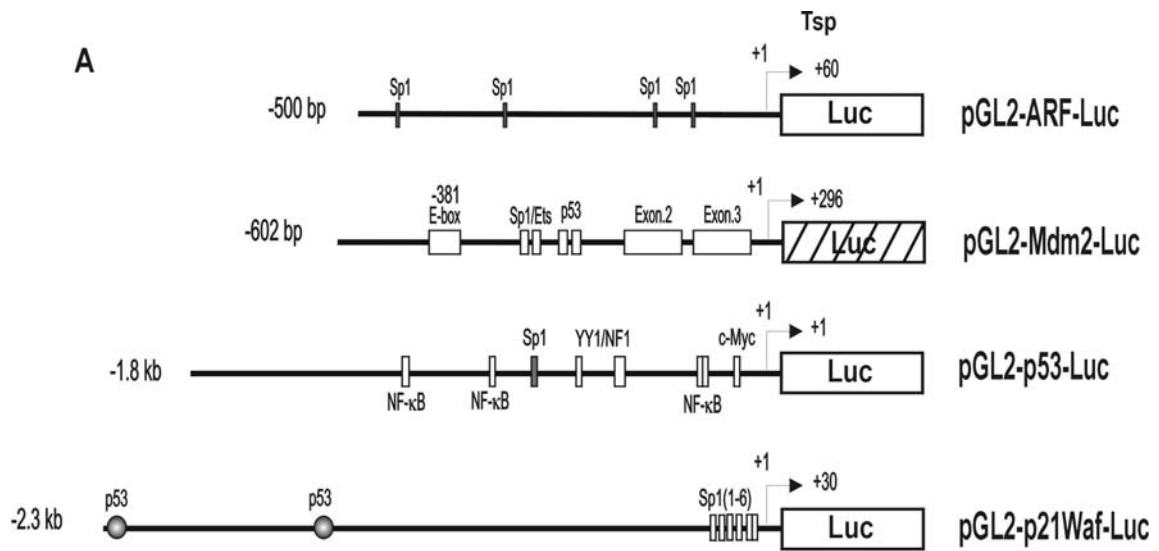
Supplementary Figure 1. ZBTB5 is a POZ-domain Krüppel-like zinc finger (POK) protein. Nucleotide and amino acid sequences of the ZBTB5 protein (GenBank Accession NP_055687.1). ZBTB5 is composed of 677 amino acids and contains a N-terminus POZ domain (a.a. 1-123, solid underline) and two zinc fingers, one typical C2H2 and one atypical C2HC types in the C-terminus (a.a. 613-677, dotted underline region with circles).

Supplementary Figure 2. (A) Structures of the promoter-luciferase gene constructs of the p53 pathway tested in Figure 1A. Promoters of *ARF*, *HDM2*, *p53*, and *p21* were fused with the luciferase gene of the pGL2-basic vector. Binding sites for transcriptional factors are indicated. +1, Tsp, transcriptional start site. *HDM2*(P2), p53-dependent promoter 2 of *HDM2*. (B) RT-PCR analysis of total RNA isolated from HEK293A and HCT116 cells transfected either with control adenovirus (dl324) or recombinant adenovirus (dl324-ZBTB5) overexpressing ZBTB5. (C) RT-PCR analysis of total RNA isolated from HEK293A cells transfected with either negative control scrambled siRNA or siZBTB5 RNA.

Supplementary Figure 3. (A) A diagram showing the homology of amino acid sequences of mammalian ZBTB5 proteins. All mammalian ZBTB5s show a sequence homology greater than 92%. (B) Tissue distribution of mouse *Zbtb5* mRNA expression. RT-PCR analysis of cDNA prepared from total RNA of male FVB mouse tissues. (C) Immunocytochemistry of human FLAG-ZBTB5 in HEK293A cells transfected with FLAG-ZBTB5 expression vector. ZBTB5 was detected in the nucleus.

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Supplementary Figure 1. Koh et al. 2009



Supplementary Figure 2. Koh et al. 2009

