

Figure W1. The p63 promoters do not respond to the BMP signal in C2C12 and HepG2 cells. (A) The TAp63 (2kTA), Δ Np63 (2k Δ N), and control Id1 (*J Cell Physiol* 2002;193:299–318) promoters were tested for ability to respond to BMP2 by luciferase gene (*luc*) expression assay in C2C12 cells. After transfection of the Smad expression vector(s) with the *luc* plasmid at a ratio of 4:1, cells were incubated with (+) or without (-) BMP2. Luciferase activity is indicated in relation to the enzyme expression (1.0) driven by the *luc* plasmid with the empty vector (Vec) in the absence of BMP2. Data are represented as mean \pm SEM. (B) The same promoters were examined for activation by Smad-1, -4, and -5 in HepG2 cells without BMP2 induction.

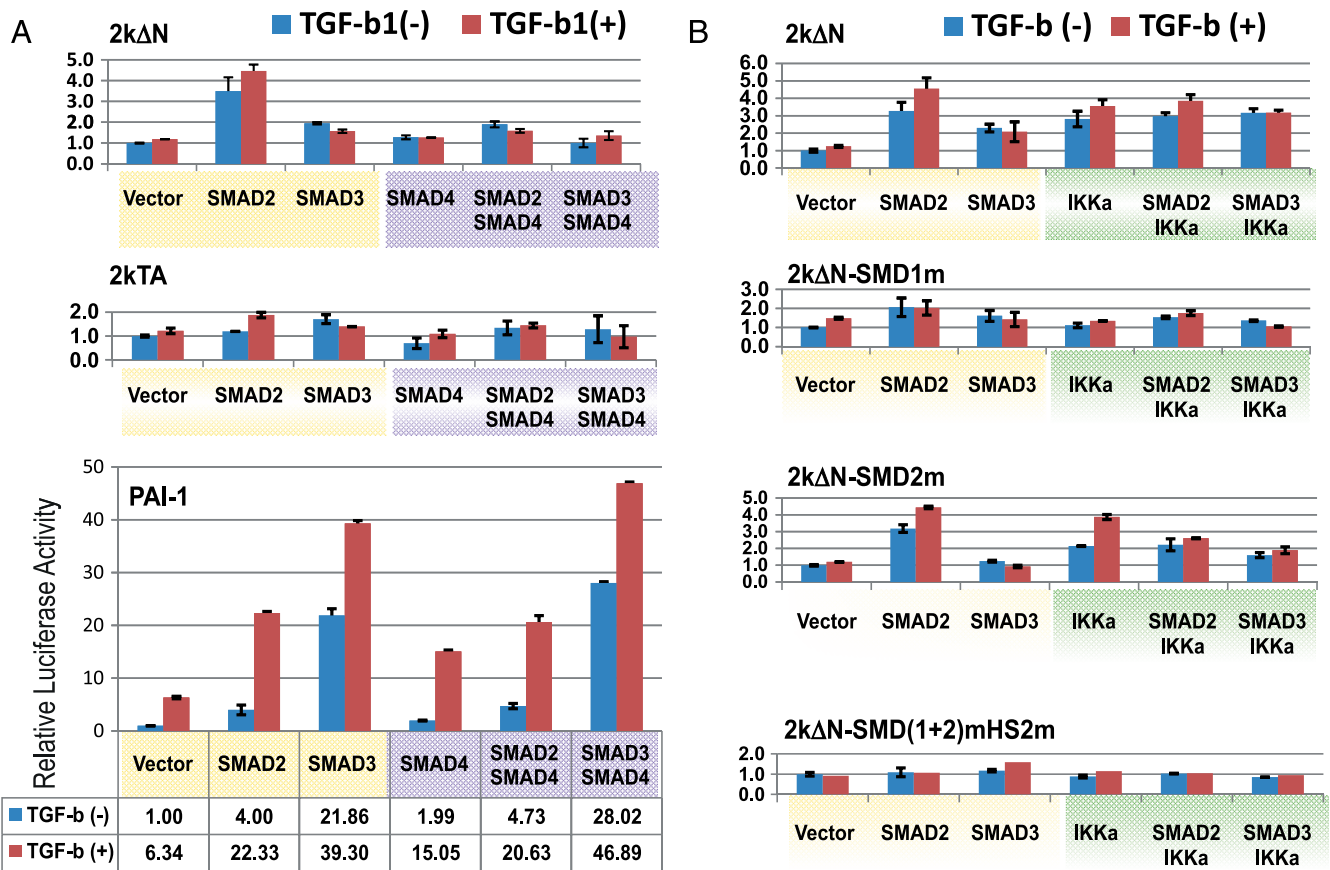


Figure W2. Moderate activation of the Δ Np63 promoter by Smad2 and IKK α in HepG2 cells. (A) The 2kTA, 2k Δ N and PAI-1 promoter/enhancer regions were tested for sensitivity to Smad-2, -3, and -4 in HepG2 cells. After transfection of the Smad expression vector(s) and the *luc* plasmid at a ratio of 4:1, cells were serum-starved, and incubated with (+) or without (-) TGF- β 1 (TGF- β 1) for 24 hours. Relative luciferase activity is shown. Data are represented as mean \pm SEM. (B) 2k Δ N and its mutants were analyzed for response to Smad2, Smad3, and IKK α (IKK α).

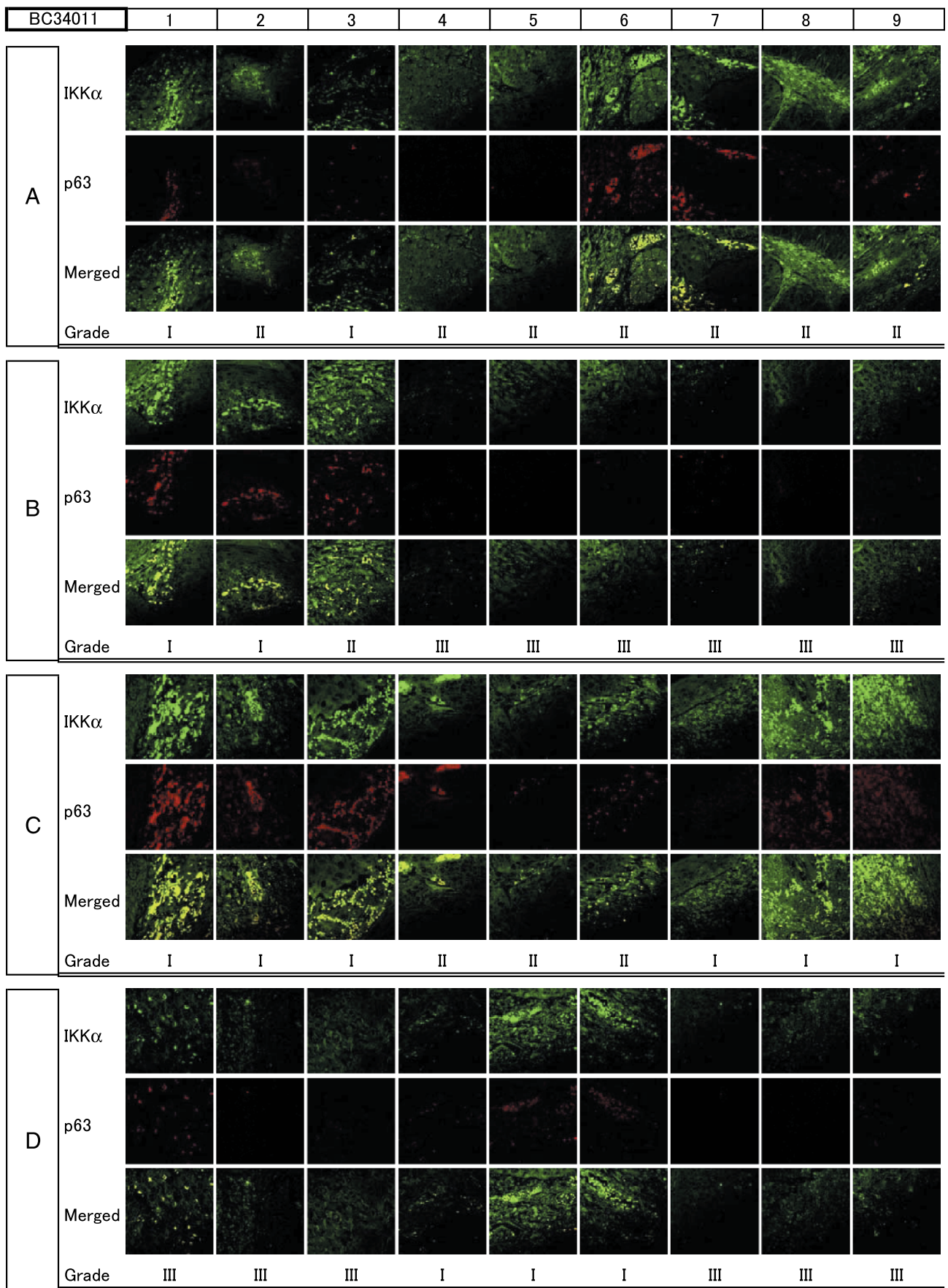


Figure W3. Immunofluorescence analysis of SCC tissue array BC34011. Immunofluorescence images of p63 (red) and IKK α (green) were obtained for every core placed at rows A to G and columns 1 to 9. Predetermined cancer grades (1, 2, and 3) are denoted by I, II, and III.

BC34011		1	2	3	4	5	6	7	8	9
E	IKK α									
	p63									
	Merged									
	Grade	II	II	II	III	III	II	II	II	II
F	IKK α									
	p63									
	Merged									
	Grade	II	II	II	III	III	III	III	III	III
G	IKK α									
	p63									
	Merged									
	Grade	III	III	III	III	III	III	Normal	Normal	Normal

Figure W3. (continued).

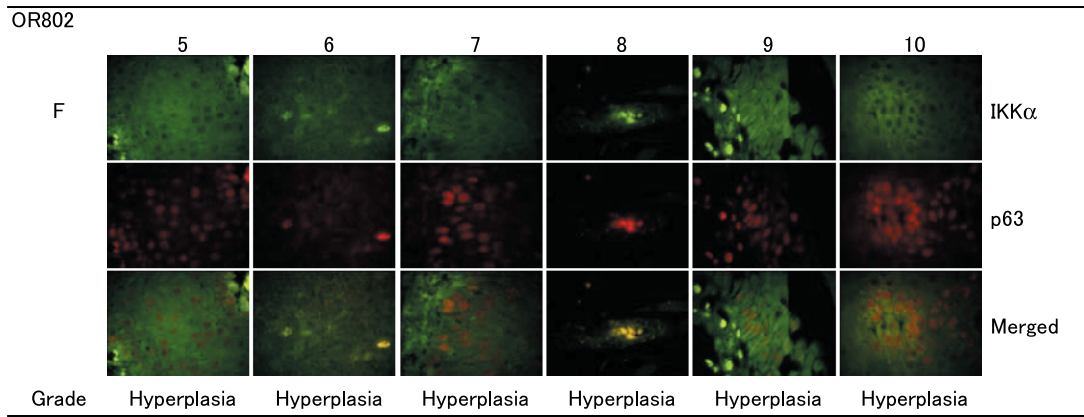


Figure W4. Immunofluorescence analysis of SCC tissue array OR802. Cores of hyperplasia (in row F, columns 5-10) are shown. Because F8 contained less than 10 countable cells with a ductal cell morphology, this core was omitted from the analysis shown in Figure 7B.