



Supplemental Figure S3. Consequences of Cic inactivation in MEFs.

(A) Proliferation of *Cic*^{+/+} (open circles) or *Cic*^{Δ2-6/Δ2-6} (closed circles) MEFs for the indicated time. Three independent MEF cultures were used for each genotype. Data represent mean ± SD.

(B) Western blot analysis of Cic protein expression in *Cic*^{+/+}, *Cic*^{+/Δ2-6} and *Cic*^{Δ2-6/Δ2-6} MEFs. GAPDH expression levels served as a loading control.

(C) Relative expression levels of *Etv1*, *Etv4* and *Etv5* mRNAs in *Cic*^{+/+} (open bars), *Cic*^{+/Δ2-6} (red bars) and *Cic*^{Δ2-6/Δ2-6} MEFs (closed bars). *β-Actin* expression levels were used for normalization. Data represent mean ± SD.

(D) Western blot analysis of p-Akt, Akt, p-Erk1/2 and Erk1/2 protein expression in *Cic*^{+/+} and *Cic*^{Δ2-6/Δ2-6} MEFs. GAPDH expression levels served as a loading control. Three independent MEF cultures were used for each genotype.

(E) Focus formation using *Cic*^{+/+} or *Cic*^{Δ2-6/Δ2-6} MEFs stably infected with empty retroviruses or retroviruses expressing H-Ras^{G12V}, adenoviral E1A or H-Ras^{G12V}+E1A. Focus formation was scored after 14 days.

(F) Colony formation in soft agar using *Cic*^{+/+} or *Cic*^{Δ2-6/Δ2-6} MEFs stably infected with empty retroviruses or retroviruses expressing H-Ras^{G12V}, adenoviral E1A or H-Ras^{G12V}+E1A. Colony formation was scored after 14 days.

(G) Colony formation using *H-Ras*^{-/-};*N-Ras*^{-/-};*K-Ras*^{lox/lox} MEFs stably transduced with an empty vector (negative control), a vector expressing an shRNA against p53 (*shp53-A*, positive control), or *H-Ras*^{-/-};*N-Ras*^{-/-};*K-Ras*^{lox/lox};*Cic*^{lox/lox} MEFs infected with adenoviruses expressing GFP or the Cre recombinase. Colony formation is shown as the ratio of colonies that formed after Adeno-Cre (Rasless) vs. Adeno-GFP (*K-Ras*^{lox}) infection.