

SUPPLEMENTAL METHODS

Antibodies (Abs) and Reagents Used in Immunoblotting and Coimmunoprecipitation Analyses. Abs against MEK1/2, phospho-MEK1/2 (Ser-217/221), ERK1/2, phospho-ERK1/2 (Thr-202/Tyr-204) and HA-tag (6E2) were purchased from Cell Signaling Technology (Danvers, MA). Abs against GATA-1 (N6) and Flag-tag (M2) were purchased from Santa Cruz Biotechnology and Sigma-Aldrich, respectively. Immunoreactive proteins were visualized with the enhanced chemiluminescence detection system (PerkinElmer Life Sciences, Boston, MA).

Preparation of Retrovirus Particles. An ecotropic packaging cell line, 293gp, kindly provided by Dr. H. Miyoshi (RIKEN BioResource Center, Tsukuba, Japan), was transfected with each retrovirus vector together with a retrovirus envelope construct (pCMV-VSV-G), by the calcium phosphate coprecipitation method. After 12–16 hours, the cells were washed and cultured in DMEM containing 10 % FBS for 2 days. Then, the supernatant containing virus particles was collected, centrifuged (4910 g × 16 hours), and concentrated 200-fold in volume.

Supplemental Table. Oligonucleotide primers used for semiquantitative/real-time RT-PCR analyses.

Primers		Sequence from 5' to 3'
p16^{INK4a}	(forward)	GAACTCTTTCGGTCGTACCC
	(reverse)	CGAATCTGCACCGTAGTTGA
p19^{ARF}	(forward)	GCTCTGGCTTTCGTGAACAT
	(reverse)	TCGCACGATGTCTTGATGTC
p21^{CIP1/WAF1}	(forward)	ACAAGAGGCCCACTACTTCC
	(reverse)	GAAGACCAATCTGCGCTTGG
HPRT	(forward)	CACAGGACTAGAACACCTGC
	(reverse)	GCTGGTGAAAAGGACCTCT