

Supplementary materials

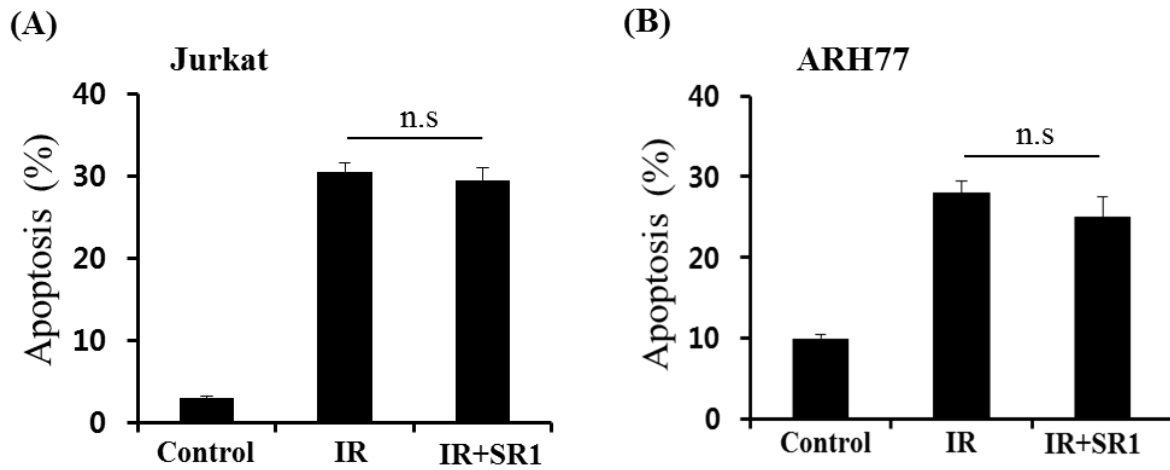
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Stemregenin 1 mitigates radiation-mediated hematopoietic injury by modulating radioresponse of hematopoietic stem/progenitor cells

Supporting Information: Table and Figure Legends

Supplemental Table S1. Primer sequences used in RT-PCR analysis

Gene		Primer sequences	Size (bp)
CYP1B1	F	5'-CACTGCCAACACCTCTGTCT-3'	380
	R	5'-CAAGGAGCTCCATGGACTCT-3'	
BCL-2	F	5'-TAGGATTGTGGCCTTCTTTG-3'	170
	R	5'-ACAGTTCCACAAAGGCATCC-3'	
BCL-XL	F	5'-GATCCCCATGGCAGCAGTAA-3'	104
	R	5'-CCCCATCCCGGAAGAGTTCAT-3'	
PUMA	F	5'-GTGTAGAGGAGACAGGAATC-3'	436
	R	5'-GTGTAGAGGAGACAGGAATC-3'	
NOXA	F	5'-AAGAAGGCGCGCAAGAAC-3'	215
	R	5'-CGTGCACCTCCTGAGAAAAC-3'	
BAX	F	5'-TTTGCTTCAGGGTTTCATCC-3'	246
	R	5'-CAGTTGAAGTTGCCGTCAGA-3'	
GAPDH	F	5'-CGAGATCCCTCCAAAATCAA-3'	294
	R	5'-TGTGGTCATGAGTCCTTCCA-3'	



Supplemental Figure S1. Effect of SR1 in radiation-induced apoptosis of jurkat and ARH77 cells. Apoptotic cells of jurkat (A) and ARH77 (B) on day 3 after irradiation with/without SR1 were measured by annexin V staining using FACS analysis. The data are shown as means \pm SDs of triplicate experiments (* $P < 0.05$, two-tailed Student's t-tests).