



Supplemental Material to:

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**Decreased DNA repair activity in bone marrow due to low
expression of DNA damage repair proteins**

Cancer Biology & Therapy 2014; 15(7)

<http://dx.doi.org/10.4161/cbt.28883>

<http://www.landesbioscience.com/journals/cbt/article/28883/>

Table S1.

Murine genes	Forward primers	Reverse primers
DNA-PKcs	5'TGGTGAACCCACAGAAGCTGAGAA3'	5'AGCAGCGATTGGTTGCCTTCTCCT3'
ATM	5'ACTGTACCAGCTTCTGCCTCAACA3'	5'GCTAAGTGCCAAAGTCAAGCAGCA3'
ATR	5'GGCTCTGAAGGTGCTGTTTA	5'GTCTCTGTGGATCACTCTCTTTG
Ku70	5'TCAAGCAAGCTGGAAGACCTGCTA3'	5'TGAACAAGGTTGAGCTCCCACTGA3'
Rad50	5'AGAGAAGCTGCAGATAGCCACCAA3'	5'TCTTGCTCATGGTTCCTCATGTCT3'
SMC1	5'AGAGATGGCCAAGCGTCGTATTGA3'	5'AAGGGCATTGCCACAAGCATACTG3'
NBS1	5'TGCCAAGCAGCACAAAGAACTCAG3'	5'TTCCTAGAGCTTTGTTCCAGCCCA3'
BRAT1	5'TGTGAACCATGTGGATGAGTCCCT3'	5'TAAGAAGAAGGTCCATGAGCGCGT3'
Chk1	5'TTACAGTCGCTGTGCTTGGAGTCA3'	5'ACCTCTGAGCATCTGTTCAGGCA3'
Chk2	5'AGGCAAACGCTGCCTCTGAGTAA3'	5'TCTCGATGAGCCAAGAGCAAACCT3'
DNA Ligase IV	5'AAGGATGGTGAAGATTCTGGCCT3'	5'TGAGACATCATGCCACCTCGTGAA3'
p53	5'GCTTTGAGGTTCTGTTTGTGCCT3'	5'TCCTCTGTAGCATGGGCATCCTTT3'
GAPDH	5'AACTTTGGCATTGTGGAAGG3'	5'ACACATTGGGGGTAGGAACA3'