Table S2

Gene	Description
Atm	Ataxia telangiectasia mutated homolog (human)
Cbfb	Core binding factor beta
Cux1	Cut-like homeobox 1
Dnapkcs	DNA-dependent protein kinase catalytic subunit
Exo1	Exonuclease 1
Gadd45a	Growth arrest and DNA-damage-inducible 45 alpha
Gadd45b	Growth arrest and DNA-damage-inducible 45 beta
Ikzf1	IKAROS family zinc finger 1
Irf4	Interferon regulatory factor 4
Jak1	Janus kinase 1
Map3k14	Mitogen-activated protein kinase kinase kinase 14
Mapk9	Mitogen-activated protein kinase 9
Mapkapk2	MAP kinase-activated protein kinase 2
Mre11a	Meiotic recombination 11 homolog A (S. cerevisiae)
Msh3	MutS homolog 3
Msh6	MutS homolog 6
Nfkb1	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1, p105
Nfkbiz	Nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, zeta
Nfrkb	Nuclear factor related to kappa B binding protein
Parp2	Poly (ADP-ribose) polymerase family, member 2
Pole	Polymerase (DNA directed), epsilon
Rel	Reticuloendotheliosis oncogene
Rpa1	Replication protein A1
Runx1	Runt related transcription factor 1
Runx3	Runt related transcription factor 3
Smad4	MAD homolog 4 (Drosophila)
Tgfbr1	Transforming growth factor, beta receptor I
Thoc5	THO complex 5