

Supplemental Table S7. Possible germline mutations (VAF > 0.35) predicted to impair protein function via premature stop (nonsense), splicing alterations, or a frameshift.

Gene	DNA Change	Amino Acid Change	Effect	VAF
<i>ATM</i>	c.A8266T	p.K2756X	Nonsense	0.5064
<i>ATM</i>	c.633delC	p.D211fs	Frameshift	0.4824
<i>ATM</i>	c.8800delA	p.T2934fs	Frameshift	0.4818
<i>ATM</i>	c.902-1G>T		Splicing	0.4583
<i>ATM</i>	c.2284_2285del	p.L762fs	Frameshift	0.4451
<i>ATM</i>	c.3704_3708del	p.P1235fs	Frameshift	0.4122
<i>ATM</i>	c.8384_8393del	p.D2795fs	Frameshift	0.3633
<i>NF1</i>	c.C2446T	p.R816X	Nonsense	0.4691
<i>PDS5B</i>	c.4308+1G>T		Splicing	0.4885
<i>SETD2</i>	c.C19T	p.Q7X	Nonsense	0.4605
<i>SH2B3</i>	c.G785A	p.W262X	Nonsense	0.4727
<i>SRCAP</i>	c.3542-1G>C		Splicing	0.4977
<i>TET2</i>	c.C3470A	p.S1157X	Nonsense	0.505
<i>TP53</i>	c.C637T	p.R213X	Nonsense	0.368
<i>TP53</i>	c.366_367del	p.V122fs	Frameshift	0.3674