

**Supplemental Table 1 Mutation information for individual donors.**

SUBJECT ID	<i>BRCA1</i> MUTATION STATUS	MUTATION
LB001	POSITIVE	c.5266dupC
LB002	POSITIVE	c.68_69del (p.Glu23Valfs*17)
LB003	NEGATIVE	NOT DETECTED
LB004	NEGATIVE	NOT DETECTED
LB005	POSITIVE	c.514del
LB006	POSITIVE	c.5266dup
LB007	POSITIVE	c.134+5G>A (Intronic)
LB008	POSITIVE	c.181T>G
LB009	NEGATIVE	NOT DETECTED
LB010	POSITIVE	c.68_69del
LB012	NEGATIVE	NOT DETECTED
LB014	NEGATIVE	NOT DETECTED
LB015	NEGATIVE	NOT DETECTED
LB016	NEGATIVE	NOT DETECTED
LB017	POSITIVE	c.4357+1G>A (splice donor)
LB018	POSITIVE	c.1100delC
LB021	NEGATIVE	NOT DETECTED