

Supplementary Table 2Nonsynonymous *BRIP1* missense variants in breast cancer cases and controls

Nucleotide change	Protein change	Cases n=1212		Controls n=2081		PolyPhen prediction	SIFT prediction
		Het	Hom	Het	Hom		
A10G	M4V	0	0	1	0	Benign	Tolerated
C139G	P47A	4	0	4	0	Possibly damaging	Damaging
A370G	T124A	0	0	1	0	Benign	Tolerated
254del12		1	0	0	0	n/a	n/a
C517T	R173C	15	0	24	0	Possibly damaging	Damaging
G577A	V193I	7	0	14	0	Benign	Tolerated
T584C	L195P	6	0	6	0	Probably damaging	Tolerated
C679G	Q227E	0	0	1	0	Benign	Tolerated
C790T	R264W	5	0	6	0	Possibly damaging	Damaging
C845G	T282S	1	0	0	0	Benign	Tolerated
A890G	K297R	5	0	6	0	Benign	Tolerated
T1238C	V413A	0	0	1	0	Benign	Tolerated
A1433G	H478R	0	0	1	0	Benign	Tolerated
A1684G	I562V	1	0	0	0	Benign	Tolerated
C1735T	R579C	1	0	0	0	Unknown	Tolerated
G2220T	Q740H	0	0	1	0	Unknown	Damaging
G2441A	R814H	1	0	0	0	Unknown	Tolerated
G5468T	R823S	1	0	0	0	Unknown	Damaging
C2542T	R848C	0	0	1	0	Unknown	Damaging
A2569G	I857V	1	0	0	0	Unknown	Tolerated
C2755T	P919S	549	201	970	328	Unknown	Tolerated
C3103T	R1035C	0	0	1	0	Unknown	Damaging
G3364A	E1128K	0	0	1	0	Unknown	Damaging
C3444A	D1148E	1	0	0	0	Unknown	Tolerated
G3464A	G1155E	1	0	0	0	Unknown	Tolerated