

## Supplementary Table 1

<b>BRCA1</b>	<b>WT</b>	<b>C61G</b>	<b>C64G</b>
<b>Binding to BARD1</b>	+	-	-
<b>E3 ligase activity</b>	+	-	-
<b>HR activity</b>	+	-	-
<b>Resistance to Olaparib in HeLa cells</b>	+	+	-
<b>Activation of ATF1</b>	+	+	-

**Supplementary Table S1. Summary of the effects of BRCA1 variants on BRCA1 functions**