

Table S1. Breast tumor immunohistochemical features of the *RECQL5* LoF variant heterozygotes.

Mutation	Type of tumor	Age of onset	ER status	PR status	Her2 status
p.Gly44Ser	IDC	49	NA	NA	NA
p.Gly44Ser ^a	NA	50	NA	NA	NA
p.Ser958Arg ^a	NA	26	Positive	Positive	NA
p.Ser958Arg	IDC	48	Positive	Positive	Negative
p.Ser958Arg	NA	78	NA	NA	NA
c.2790C>T; (p.=)	DCIS	39	Negative	Negative	NA
p.Arg770Ter	NA	44	NA	NA	NA
p.Cys220AlafsTer15	ILC+IDC	34	NA	NA	NA
p.Cys220AlafsTer15 ^a	NA	34	Negative	Negative	Negative
p.Met799Aspfs*24 ^a	NA	37	Negative	Negative	Negative

^aVariants from Tavera-Tapia 2019. NA, Not Available. ER=estrogen receptor. PR=Progesterone receptor. IDC=Invasive Ductal Carcinoma. DCIS=Ductal Carcinoma *in situ*. ILC= Invasive Lobulillar Carcinoma.