Supplementary Materials: GFP-Fragment Reassembly Screens for the Functional Characterization of Variants of Uncertain Significance in Protein Interaction Domains of the BRCA1 and BRCA2 Genes

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Figure S1. Fluorescence complementation through GFP-reassembly assay depends on fusion orientation of DSS1 and BRCA2 fragments. Fluorescence was recovered after 24 h of growth at 30 °C followed by 2 days of incubation at RT. All pictures were taken with the same digital camera (long-wave UV light, 365 nm).
Figure S2. Purification of the BARD1/BRCA1 reassembled complexes by IMAC method. ZN/Zc, BDN/BR1c (wt) and D67Y were included as positive controls. BDN/Zc and C61G were included as negative control. The molecular masses are indicated on the left. [ZN, Hc-NfrGFPZ; Zc, ZCfrGFP; BDN, Hc-NfrGFPBARD1].
Figure S3. Purification of the UbCH5a/BRCA1 reassembled complexes by IMAC method. ZN/Zc, UbN/BR1c (wt) and D67Y or K45Q were included as positive controls. UbN/Zc and C61G were included as negative controls. The molecular masses are indicated on the left. [ZN, H6-NfrGFPZ; Zc, ZCfrGFP; UbN, H6-NfrGFPUbCH5a].
Figure S4. Purification of the DSS1/BRCA2 reassembled complexes by IMAC method. ZN/ZC and DSS1C with the wild type form of each of the BRCA2 motif (wt) were included as positive controls. HDN/ZC was included as negative control. The molecular masses are indicated on the left. [ZN, H6-NfrGFPZ; ZC, ZCfrGFP; BR2HDN, H6-NfrGFPBRCA2HD; * non-specific band].