Family 1

- proband
- carrier of BRCA1:c.4484+4dupA
- does not carry BRCA1:c.4484+4dupA
- too young for genetic testing

BrCa: breast cancer
OvCa: ovarian cancer

Family 2

- proband
- carrier of BRCA1:c.4484+4dupA
- does not carry BRCA1:c.4484+4dupA
- too young for genetic testing

BrCa: breast cancer
OvCa: ovarian cancer

HCC: hepatocellular carcinoma
na: not available for genetic testing
Family 3

- proband
- *: carrier of *BRCA1:c.4358-31A>C*
- -: does not carry *BRCA1:c.4358-31A>C*
- y: too young for genetic testing

- BrCa: breast cancer
- OvCa: ovarian cancer
- PancrCa: pancreatic cancer

Family 4

- proband
- *: carrier of *BRCA1:c.5407-10G>A*
- -: does not carry *BRCA1:c.5407-10G>A*
- y: too young for genetic testing

- CRC: colorectal cancer

- BrCa: breast cancer
Family 5

- proband
- carrier of BRCA1:c.5407-10G>A
- does not carry BRCA1:c.5407-10G>A
- too young for genetic testing

* : affected
○ : non-affected
■ : cancer type not related to HBOC sy; ACA: adrenocortical adenoma
na : not available for genetic testing

BrCa : breast cancer

Family 6

- proband
* : carrier of BRCA2:c.8487G>T
- does not carry BRCA2:c.8487G>T
- too young for genetic testing

■ : affected
○ : non-affected
■ : cancer type not related to HBOC sy; Thyrc: thyroid cc
na : not available for genetic testing

BrCa : breast cancer
OvCa : ovarian cancer
Family 7

- proband
- carrier of \( BRCA2 \cdot c.8487G>T \)
- does not carry \( BRCA2 \cdot c.8487G>T \)
- too young for genetic testing

affected
- non-affected
- cancer type not related to HBOC sy; Larynx cc

na: not available for genetic testing

BrCa: breast cancer
Pancr: pancreatic cancer

Family 8

- proband
- carrier of \( BRCA2 \cdot c.8487G>T \)
- does not carry \( BRCA2 \cdot c.8487G>T \)
- too young for genetic testing

affected
- non-affected
- cancer type not related to HBOC sy; Brain tumor, Tongue cancer

na: not available for genetic testing

BrCa: breast cancer
PrCa: prostate cancer
S1 Fig. Pedigrees of the 10 families, where a variant selected for transcript-level testing was detected in the proband.