

BCAC – Breast Cancer Association Consortium

Founded: 2005 Forum of investigators interested in the inherited risk of aim of the consortium is to combine data from many studies, and to provide a reliable assessment of the risks associated with these genes

Core demographic data

Data on diagnosis, pathology, treatment and outcome for BC patients

Data on breast cancer risk factors

Mammographic Density

Genetic data

COGS

Collaborative Oncological Gene-environment Study

- * Custom 20K SNP genotyping array
- * Evaluate genetic variants for association with the risk and prognosis of breast, ovarian and prostate cancer

custom SNP genotyping array

OncoArray

- * Custom 600K SNP genotyping array
- * Evaluate genetic variants for association with the risk and prognosis of multiple cancers

custom SNP genotyping array

BRIDGES

- Breast Cancer Risk after Diagnostic Gene Sequencing
- * Targeted germline DNA sequencing,
 - * Improve risk prediction of breast cancer

Targeted germline DNA sequencing

B-CAST

- Breast Cancer Stratification
- * Targeted tumour DNA sequencing
 - * Perform risk prediction and prognostication of tumour subtypes

*Targeted tumour DNA sequencing
Tumour IHC of molecular markers*

2009

2013

2015

