**Additional File 2. Sample information for SEARCH, UKBGS, SBCS, and BBCS studies**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **UK study** | **No of DCIS****cases**  | **Total No of controls** | **Source of controls** | **No of controls selected for BCAC analysis** | **No of controls selected for ICICLE analysis** |
| **BBCS**British Breast Cancer Study | 108 | 1,397 | A friend or non-blood relative of cases, recruited from throughout UK | 166 | 1,231 |
| **SBCS**Sheffield Breast Cancer Study | 61 | 848 | Unselected women attending Sheffield Mammography Screening Service with no evidence of a breast lesion | 144 | 704 |
| **UKBGS**Breakthrough Generations Study | 60 | 470 | Women from throughout the UK who had not had breast cancer or in situ disease before entry into the cohort study | 100 | 370 |
| **SEARCH**Study of Epidemiology & Risk Factors in Cancer Heredity | 171 | 8,069 | (a) from the EPIC-Norfolk cohort study, (b) women attending GP practices, matched to cases by age and geographic region (East Anglia) | 5,374 | 2,695 |
| **Total** | **400** | **10,784** |  | **5,784** | **5,000** |