

Supplementary Table S2. Eligibility criteria

N eligible	Criteria	N dropped
502,413	Active UK Biobank participants (at 22 February 2022)	
273,185	Female and reported sex same as genetic sex	228,850
271,630	Aged 40–69 years at baseline assessment date	1,555
219,894	Caucasian	51,736
210,876	No breast cancer history at baseline assessment date	9,018
210,516	Genotyping data available	360
210,504	Alive after six weeks of follow-up	12
210,437	No breast cancer after six weeks of follow-up	67
200,195	Unrelated individuals (\geq 3rd-degree relatedness)	10,242