

Table S2: Number and percentage of different cell types in different tissue types used in this study. CLP= Common Lymphoid Progenitor, ND= not detected

Cell type	Non-carrier	BRCA1	BRCA2
Epithelial cells	15577 (42.3%)	3670 (21.3%)	10498 (41.9%)
Endothelial cells	446 (1.2%)	605 (3.5%)	214 (0.9%)
Fibroblasts	4559 (12.4%)	2537 (14.7%)	2074 (8.3%)
Adipocytes	5986 (15.3%)	4397 (25.5%)	9067 (36.2%)
T cells	6217 (16.9%)	3788 (22%)	2023 (8.1%)
Monocytes	2024 (5.5%)	568 (3.3%)	623 (2.5%)
Macrophages	860 (2.3%)	199 (1.2%)	0 (0%)
NK cells	891 (2.4%)	784 (4.6%)	277 (1.1%)
Keratinocytes	34 (0.1%)	386 (2.2%)	172 (0.7%)
Plasma cells	69 (0.2%)	40 (0.2%)	17 (0.1%)
B cells	115 (0.3%)	31 (0.2%)	8 (0.03%)
CLP	24 (0.1%)	18 (0.1%)	ND