

Table S1. Clinical and pathology details for breast cancer patients analysed by scRNA-Seq in this study.

Sample ID	Gender	Age	Grade	Cancer Type	ER	PR	HER2 ISH (ratio)	Ki67	Subtype	Treatment status	Stage
Biokey-32	Female	30-40	-	Invasive Breast Carcinoma of No Special Type	-	-	-	intermediate	TNBC	Naive	T1N0
Biokey-34	Female	30-40	-	Invasive Breast Carcinoma of No Special Type	-	-	-	intermediate	TNBC	Naive	T2N0
Biokey-4	Female	81-90	-	Invasive Breast Carcinoma of No Special Type	-	-	-	high	TNBC	Naive	T2N0
Biokey-5	Female	61-70	-	Carcinoma with apocrine differentiation	-	-	-	low	TNBC	Naive	T2N0
Biokey-41	Female	30-40	-	Invasive Breast Carcinoma of No Special Type	-	-	-	high	TNBC	Naive	T2N1
GSM4909283	Female	65	3	-	-	-	-	-	TNBC	Naive	-
GSM4909284	Female	84	3	-	-	-	-	-	TNBC	Naive	-
GSM4909285	Female	25	3	-	-	-	-	-	TNBC (BRCA1)	Naive	-
GSM4909286	Female	84	3	-	-	-	-	-	TNBC (BRCA1)	Naive	-
GSM4909287	Female	29	3	-	-	-	-	-	TNBC (BRCA1)	Naive	-
GSM4909288	Female	30	3	-	-	-	-	-	TNBC (BRCA1)	Naive	-
GSM4909282	Female	61	3	-	-	-	-	-	TNBC	Naive	-
GSM5354525	Female	35	3	Invasive Ductal Carcinoma	0	0	Non-Amplified	0.7	TNBC	Naive	T2N1
GSM5354530	Female	63	3	Invasive Ductal Carcinoma	0	0	Non-Amplified	0.8	TNBC	Naive	T1N0
GSM7789974	Female	75	2	Lobular carcinoma	Positive	Positive	1+	-	Luminal	Naive	T2N0
GSM7789972	Female	74	1	Invasive Ductal Carcinoma	Positive	Positive	2+	-	Luminal	Naive	T2N0
GSM7789978	Female	37	3	Lobular carcinoma	Positive	Positive	0	-	Luminal	Naive	T2N1
GSM7789980	Female	37	3	Lobular carcinoma	Positive	Positive	0	-	Luminal	Naive	T2N1

Positive: >10% or stated as positive