

**Supplementary Table S1.** Clinical characteristics of patient donors for the establishment of adipose-derived stem cell (ADSC) cultures.

Patient donor	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10
Age (y)	65	68	51	78	42	71	70	68	49	62
Stage	IIIA	IIIA	0	nd	IIB	IV	IA	IIIB	IV	IA
Grade	3	2	3	2	2	3	2	3	2	3
Primary tumor	T2	T2	T1	T2	T3	T1	T2	T3	T2	T2
LN metastasis	yes	yes	no	yes	no	yes	no	yes	yes	no
ER status	-	+	-	+	+	+	+	+	+	+
PR status	-	-	-	-	+	+	+	+	+	+
HER2 status	-	+	+	+	+	+	-	+	+	-

The pathologies were classified according to the Cancer Staging Manual of American Joint Committee on Cancer (AJCC; American College of Surgeons, Chicago, IL, USA).

+, positive; -, negative; ER, estrogen receptor; HER2, epidermal growth factor receptor 2; LN, lymph node; nd, not determined; PR, progesterone receptor; T1, tumor size  $\leq 2$  cm; T2, tumor size  $> 2$  cm but  $\leq 5$  cm; T3, tumor size  $> 5$  cm.