Title

Method for selective quantification of adipose-derived stromal/stem cells in tissue

Authors

Akira Nishimura Ph.D.[1]*, Takeo Kumagai[1], Masaru Nakatani[1], Kotaro Yoshimura
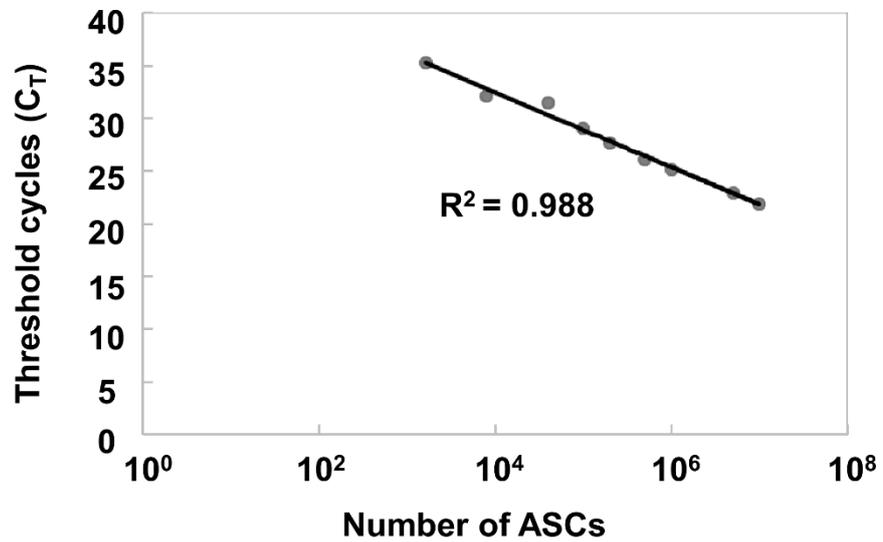
M.D.[2]

Supplementary information

Fig. S1. Standard curve obtained for ASCs using the selective quantification of ASCs in tissue (SQAT) method. The standard curve was constructed based on the Ct measure against the log cell number. Ct values comprised averages based on three replicates.
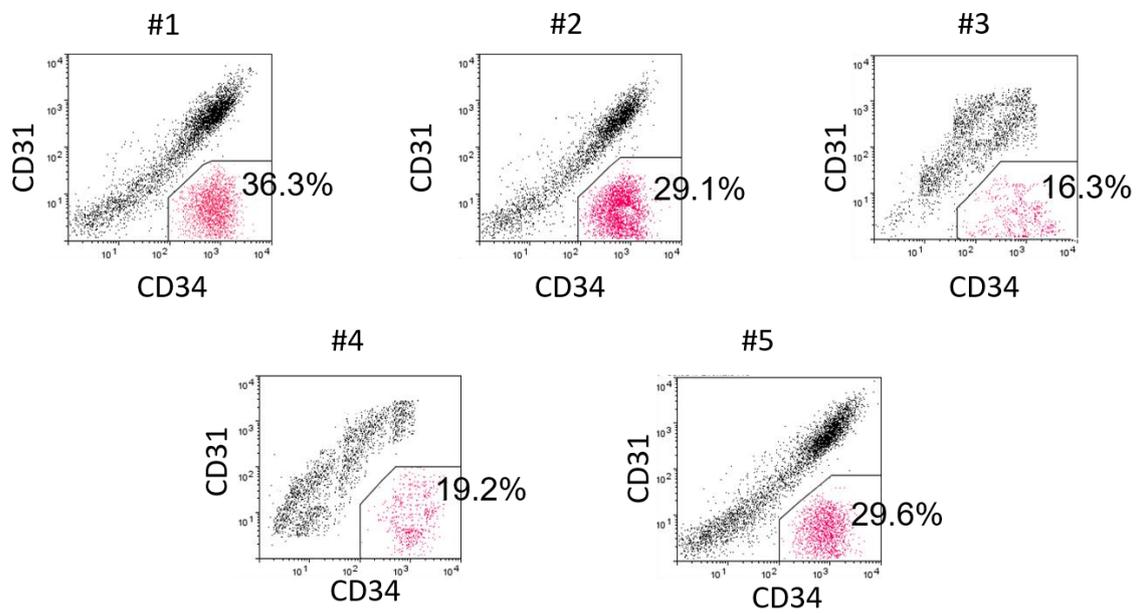
Fig. S2. Flow cytometry analysis of the ASC count in SVF from each donor. Freshly isolated SVF was stained with anti-CD31 and anti-CD34 antibody. Value indicates ASC populations (CD31-/CD34+).

Table S1

Table S1. Donor characteristics

Donor	Sex	Age (years)	Body mass index	Site of liposuction
#1	Female	29	20.3	Thigh and upper arm
#2	Female	28	15.8	Thigh
#3	Female	60	20.4	Thigh
#4	Female	41	21.2	Abdomen
#5	Female	45	19.8	Thigh
Mean ± S.D.	-	40.6 ± 13.1	19.5 ± 2.1	-

Table S2

Table S2. Primers used in this study

Name	Sequence (5′–3′)
Bisulfite PCR Fw	**AGAGAGATCTTTCTGGAT**
Bisulfite PCR Rv	**AGAAGCTTCGATGCTCAT**
Bisulfite sequence Rv	**GTGATGTGGAAACAGAGTAAACACT**
C$_{6th}$ Fw	**GGAGATATCAGGCCAGCC**
C$_{6th}$ Rv	**TGGCGCTGGTCAGGTAAT**