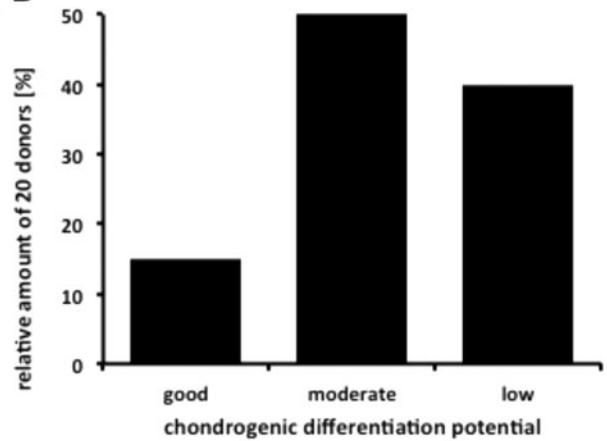


## Supplementary Data

**A**

Donor	PCR score	histology score	GAG score	overall score
D.055	3	3	2	3
D.056	3	3	2	3
D.057	2	3	2	2
D.058	3	3	2	3
D.059	3	2	2	2
D.060	3	3	2	3
D.064	1	1	1	1
D.065	3	2	2	2
D.067	2	2	2	2
D.071	3	2	3	3
D.074	3	3	2	3
D.075	3	3	2	3
D.027	3	3	2	3
D.038	2	2	2	2
D.040	1	1	2	1
D.043	3	2	2	2
D.047	1	1	1	1
D.049	3	2	2	2
D.051	3	2	2	2
D.078	3	3	2	3

**B**



**C**

chondrogenic potential	donors	relative amount of 20 donors
good	3	0.15
moderate	9	0.45
low	8	0.4

**SUPPLEMENTARY FIG. S1.** Scoring of 20 donors according to their chondrogenic potential. **(A)** Scoring was done using mRNA expression levels of chondrogenic marker genes (positive judgment for high expression of *ACAN*, *COL2A1*, *FRZB*, and *SOX9*; low expression of *COL10A1*, *COL1A1*); histological scoring was done by three independent individuals based on the amount of positive Alcian Blue stain as well as histological appearance of the cartilage matrix; for glycosaminoglycan (GAG), scoring donors were separated into high levels, moderate levels, and no level of GAG expression. **(B)** Based on the overall score, the percentage of donors in each group was plotted, data for **(B)** were based on the table in **(C)**.