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SUPPLEMENTARY TABLE S1. INDIVIDUAL COLLECTED SAMPLES WITH UNSUCCESSFUL IN VITRO GROWTH

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Samples presented no technical impairments at time of collection. Samples presenting blood coagulation or other technical impairments were not included in this table.

<sup>2</sup>Percentage of CD34+ cells in the individual BM sample (donor).

<sup>3</sup>Engraftment day (ED) as + number of days with  $>500$  neutrophils,  $>2 \times 10^4$  platelets/mm<sup>3</sup> and hemoglobin  $>8$  gr/dL, without transfusion requirements (BM recipient).

BM, bone marrow; y.o., years old; p, passage; M, masculine; F, feminine.

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Subject	Gender	Age (y.o.)	Observations	CD34+ (%) <sup>2</sup>	ED <sup>3</sup>
N2	M	39	No growth	0.60	+16
N3	F	20	No growth	1.20	+14
N4	M	23	No growth	2.10	+17
N6	M	33	No growth	1.90	+14
N8	M	38	No growth	1.20	+16
N12	M	35	No growth	1.00	+15
N17	M	33	No growth	0.60	+15
N19	M	28	No growth	0.30	+17
N21	M	19	No growth	1.50	+16
N35	M	40	No growth	0.07	+22