

Gene	Accessionnr.	Fold-change p2 vs. p5 (n=10)	Fold-change p10 vs. p5 (n=5)
CD 34	NM_001773	<i>Not detected</i>	<i>Not detected</i>
CD 44	NM_000610	0.91+/-0.10	1,29+/-0,36
CD 45	NM_080921	<i>Not detected</i>	<i>Not detected</i>
CD 73	NM_002526	0.89+/-0.08	1,37+/-0,32
CD 105	NM_000118	1.09+/-0.17	1,25+/-0,27
CD 166	NM_001627	1.3+/-0.16	0,95+/-0,24
CD 90	NM_006288	1.01+/-0.12	0,77+/-0,20
TERT	NM_003219	<i>Not detected</i>	<i>Not detected</i>
STRO1	NM_005862	1.15+/-0.16	1,10+/-0,28

Not detected means no band was visible on 2.5% agarose-gel with ethidium bromide

Gene expression of stem cell specific genes was determined by Realtime RT-PCR to examine if the expression of stem cell specific genes is changing during long-term cultivation. MSC from passage 2 were compared with MSC from passage 5 and MSC from passage 10 were compared with MSC from passage 5.