

		Relative expression (/ <i>Actin</i>)	Fold change	<i>P</i> value
<i>ACAN</i>	Control	1		
	Treatment	0.01 ± 0.001	-100	0.003*
<i>COL2A1</i>	Control	1		
	Treatment	0.01 ± 0.003	-100	0.003*
<i>GPC3</i>	Control	1		
	Treatment	3.99 ± 1.95		0.067
<i>HSPG2</i>	Control	1		
	Treatment	0.55 ± 0.16	-1.81	0.0018*
<i>SDC2</i>	Control	1		
	Treatment	0.88 ± 0.12	-1.13	0.099

S-Table 3. Relative RNA levels (mean ± SD) of chondrogenic-related genes expressed in iPS-MSCs induced to osteogenic differentiation (treatment). Cells cultured on growth medium were used as control. Samples were analyzed by qRT-PCR and data normalized to human β -*Actin* expression. * indicates significant statistical differences ($p < 0.05$).