

		Relative expression (/ <i>Actin</i> )	Fold change	<i>P</i> value
<i>ALP</i>	Control	1		
	Treatment	1.45 ± 0.74		0.485
<i>BGLAP</i>	Control	1		
	Treatment	0.92 ± 0.063	-1.086	0.237
<i>BMP2</i>	Control	1		
	Treatment	0.01 ± 0.004	-100	0.003*
<i>COL1A1</i>	Control	1		
	Treatment	1.98 ± 0.52		0.117
<i>DLX5</i>	Control	1		
	Treatment	39.97 ± 1.95		0.001*
<i>SPARC</i>	Control	1		
	Treatment	1.95 ± 0.07		0.003*
<i>SSP1</i>	Control	1		
	Treatment	80.23 ± 25.91		0.026*

**S-Table 4.** Relative RNA levels (mean ± SD) of osteogenic-related genes expressed in iPS-MSCs induced to chondrogenic differentiation (treatment). Cells cultured on growth medium were used as control. Samples were analyzed by qRT-PCR and data normalized to human  $\beta$ -*Actin* expression. \* indicates significant statistical differences ( $p < 0.05$ ).