

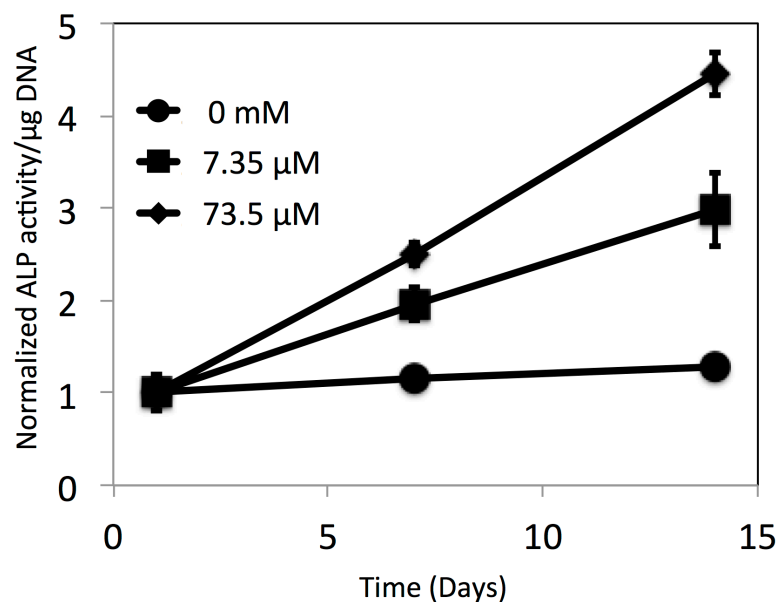
## Supplementary Information:

### Osteogenic differentiation of human mesenchymal stem cells via $\alpha 5$ integrin signalling is dependent on substrate elasticity

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**Table S1.** Primer sequences used for RT-PCR

Primer	Nucleotide Sequence (5'-3')
COLL-1a	GGGCAAGACAGTGATTGAATACA
	GGATGGAGGGAGTTTACAGGAA
CBFA1	GGTATGTCCGCCACCACTC
	TGACGAAGTGCCATAGTAGAGATA
GAPDH	GCAAGAGCACAAGAGGAAGAG
	AAGGGGTCTACATGGCAACT
OPN	ATTCTGGGAGGGCTTGGTTG
	TCTGGTCCCGACGATGCT



**Figure S1. Soluble delivery of c(RRETAWA) induces osteogenic differentiation in hMSCs.** Figure shows the alkaline phosphatase (ALP) activity of hMSCs at day 7 and 14 cultured on TCPS in growth media supplemented with 7.35 μM (■) or 73.5 μM (◆) c(RRETAWA) peptide. Normalized ALP activity of hMSCs cultured on TCPS in growth media (●) without the peptide is also included as negative control. Normalized ALP activity was calculated by normalizing the measured ALP activity to that of day 1.