

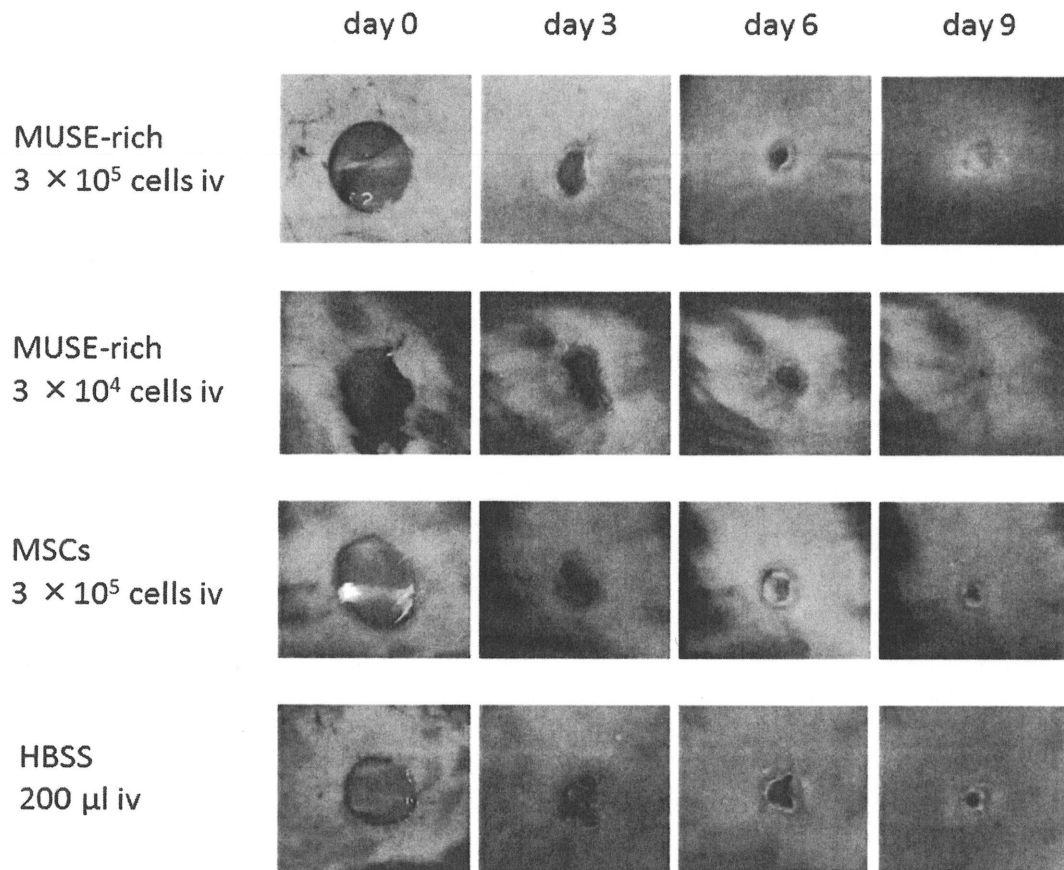


Fig. 1

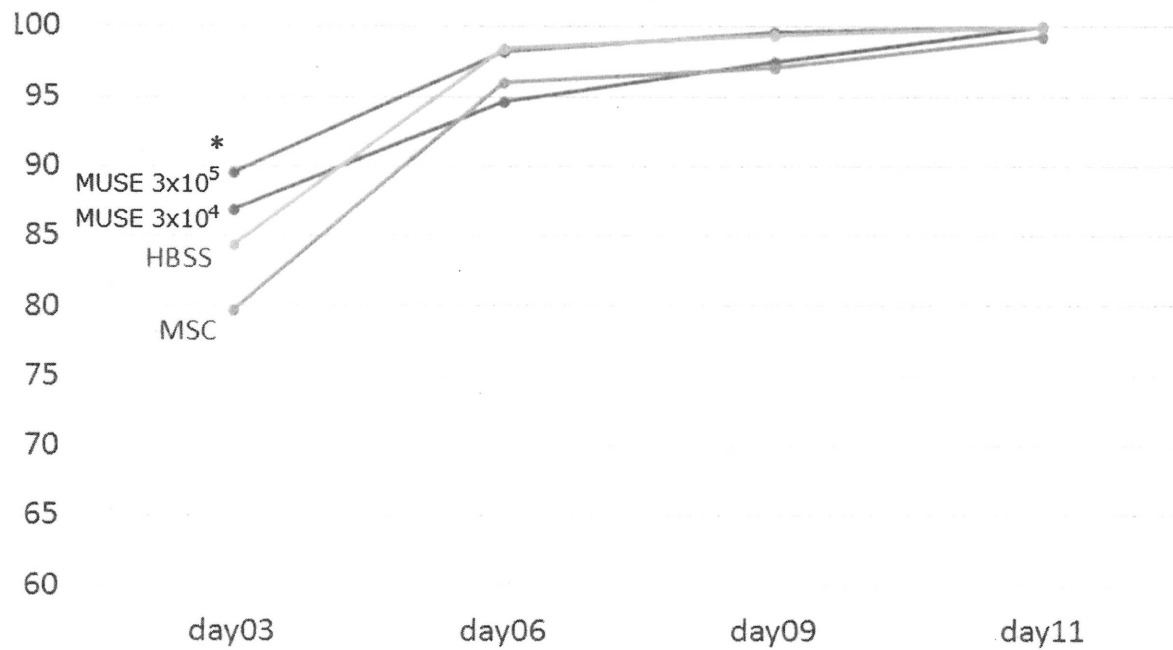
* $P < 0.05$ to MSC and HBSS

Fig. 2

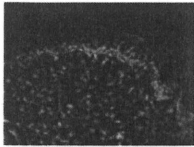
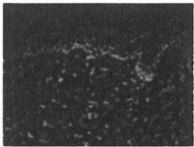
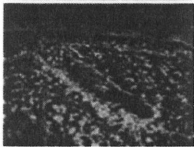
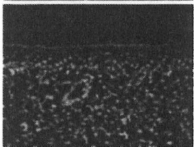
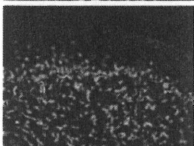
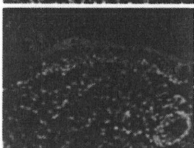
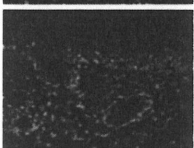
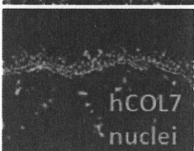
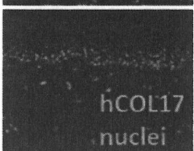
	hCOL7 (LH7.2)	Positivity	hCOL17 (NC16A-3)	Positivity
Muse-rich 3×10^5 cells iv		4/5 (80%)		0/5 (0%)
Muse-rich 3×10^4 cells iv		3/4 (75%)		2/5 (40%)
MSCs 3×10^5 cells iv		1/5 (20%)		3/5 (60%)
HBSS 200 μ l iv		0/5 (0%)		0/5 (0%)
Human skin (positive cont.)				

Fig. 3

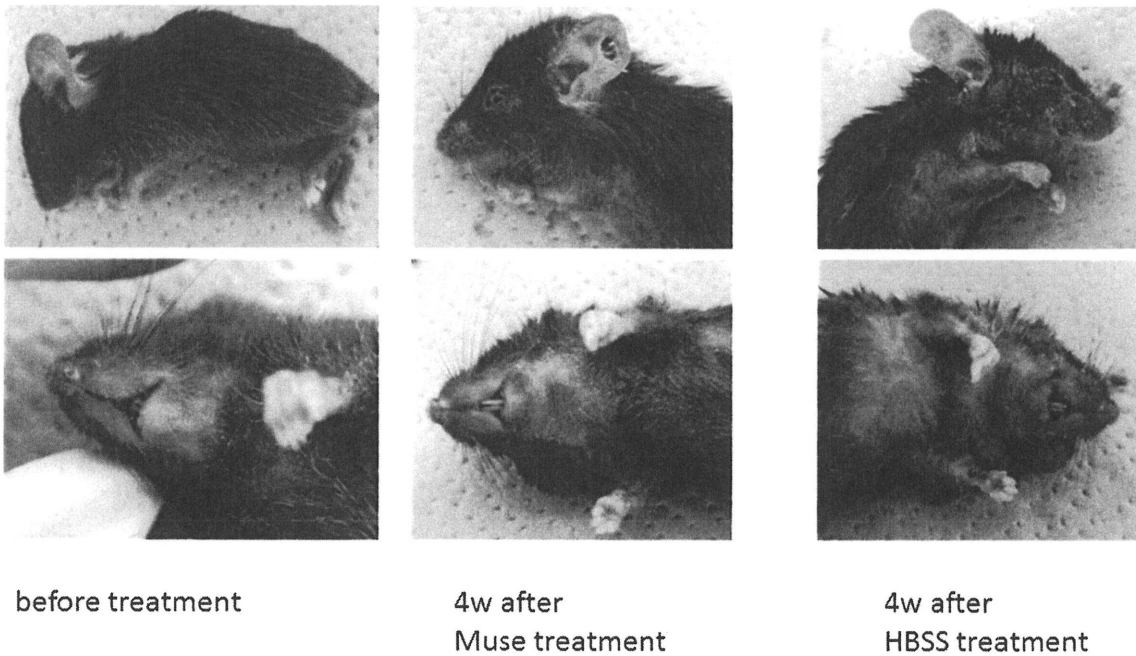


Fig. 4

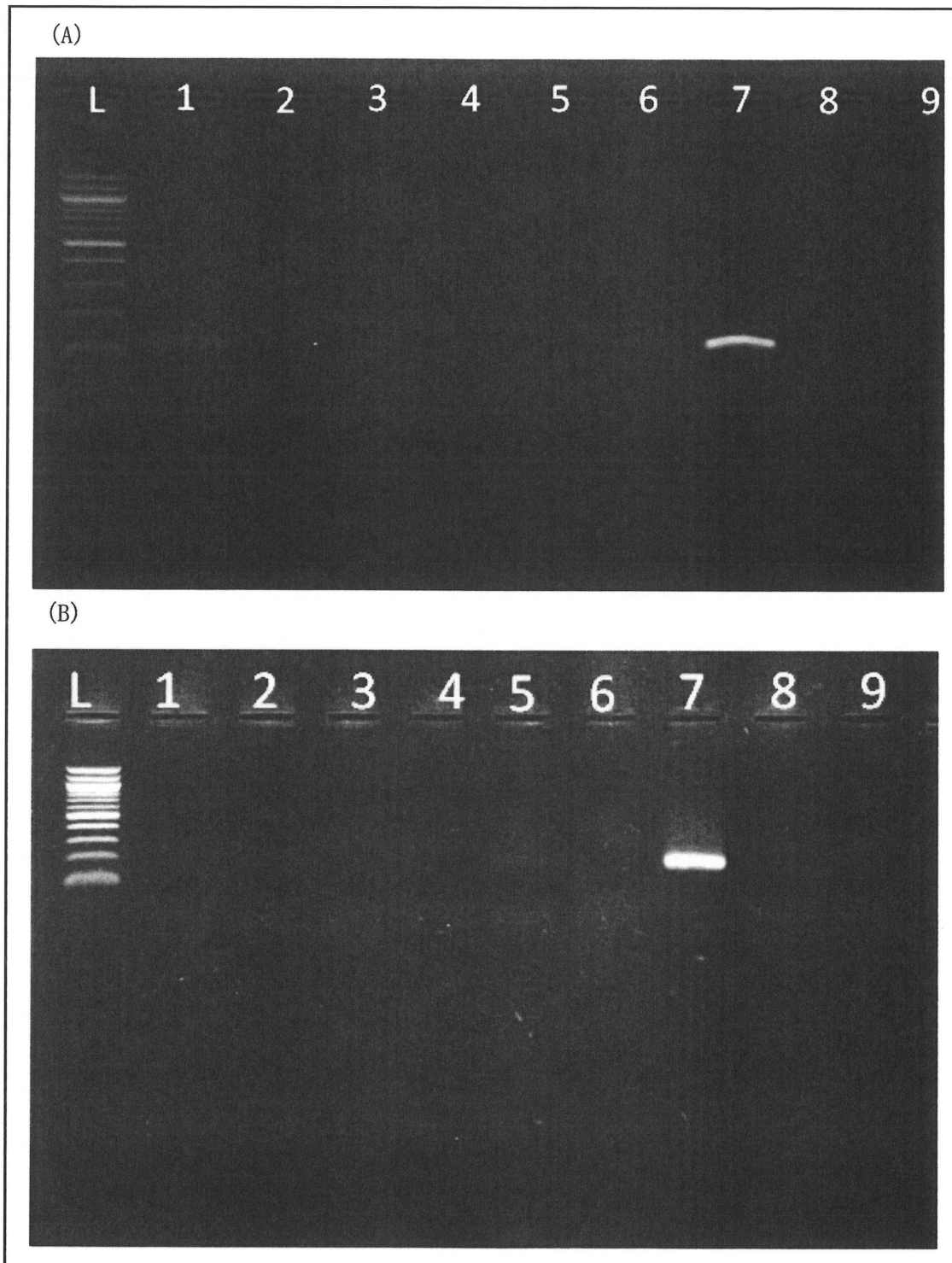
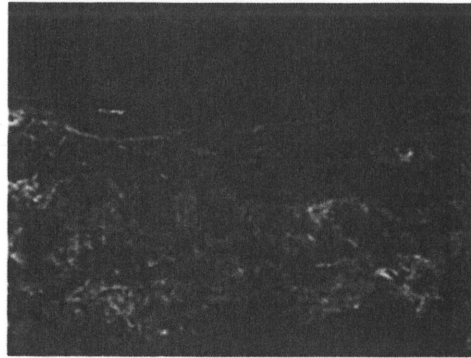
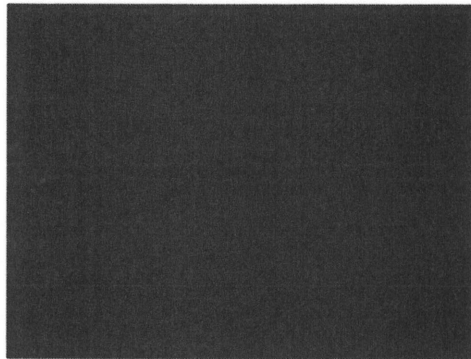


Fig. 5

Survived Col17KO
Muse iv



(mouse skin:
negative control)



(Human skin;
positive control)

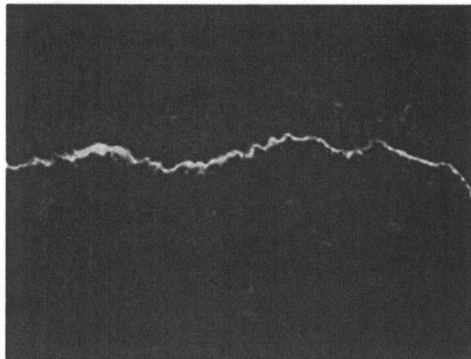


Fig. 6

Differentiation 3rd day

Differentiation 8th day

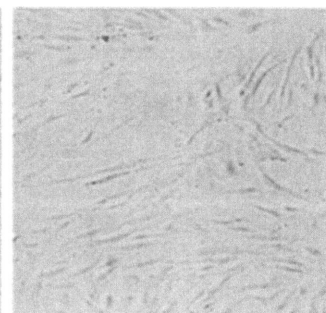
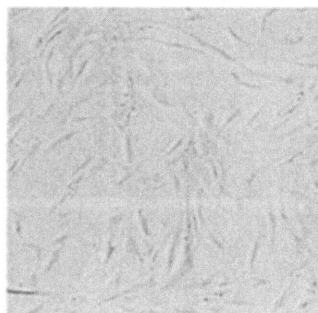
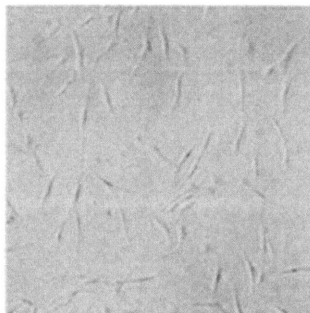


Fig. 7

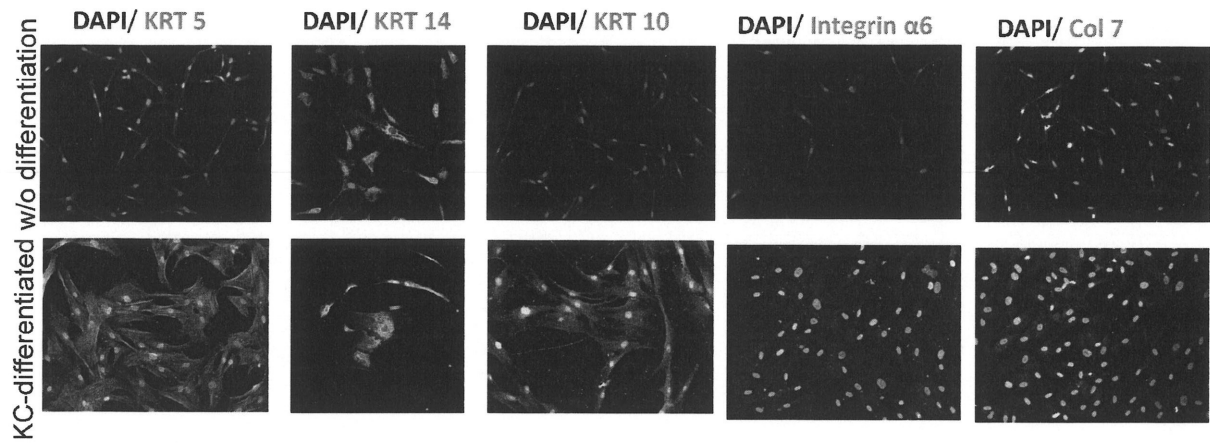


Fig. 8

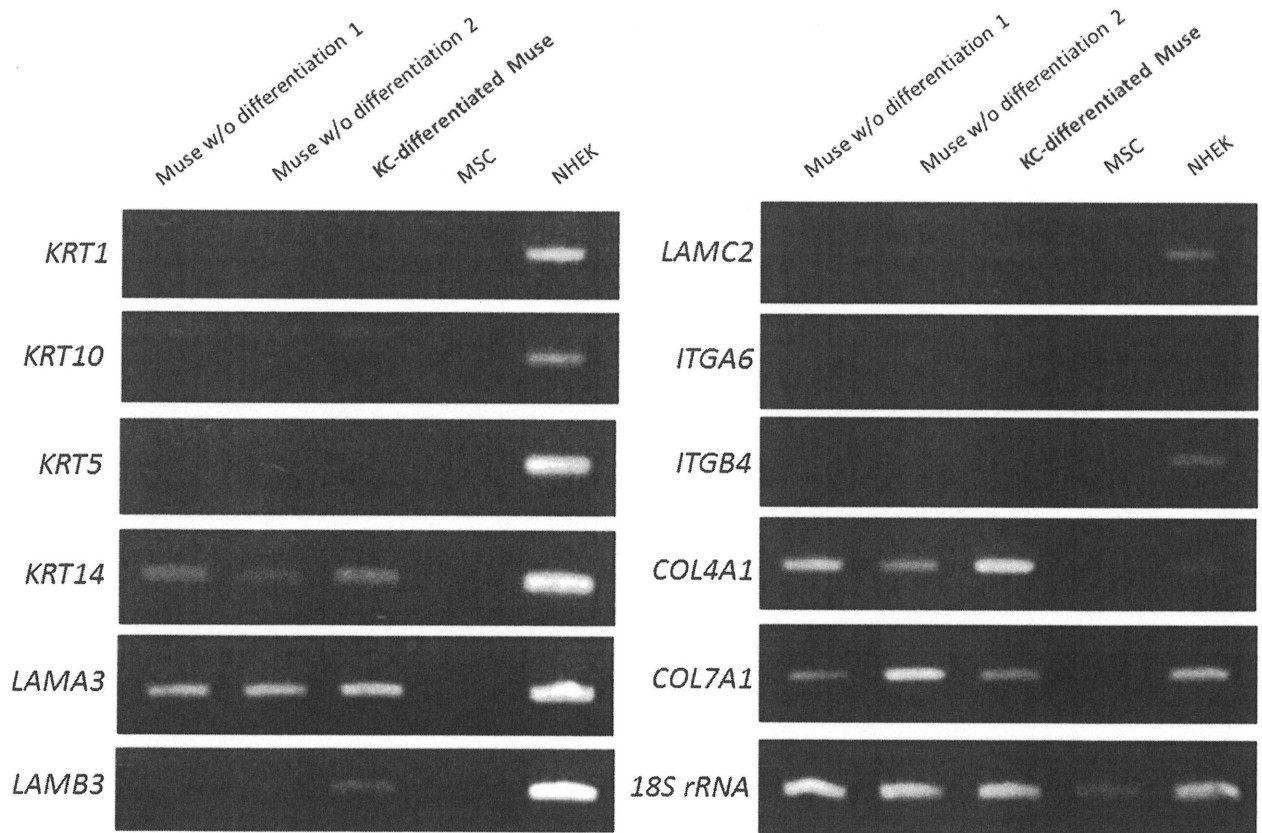


Fig. 9

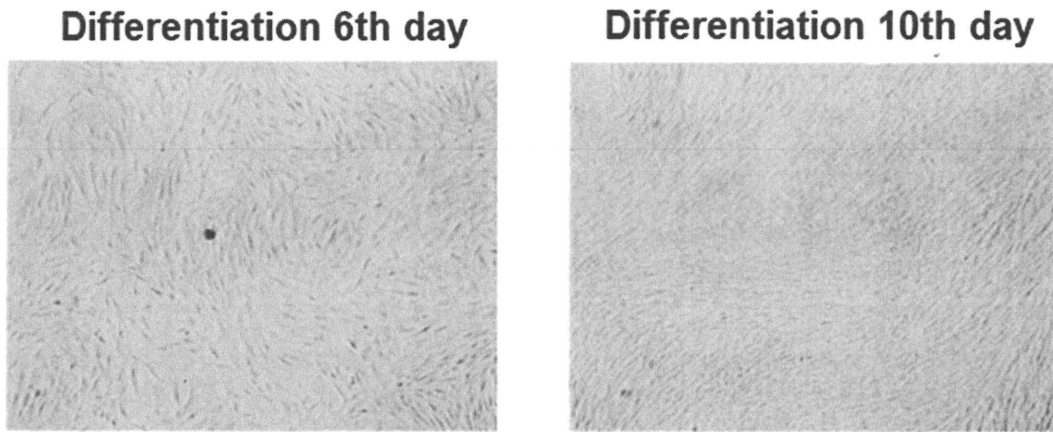


Fig. 10

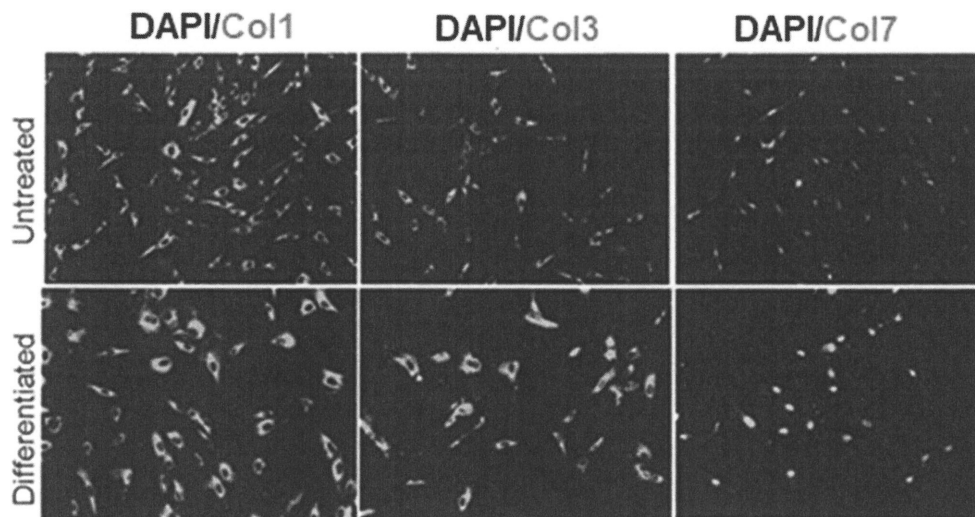


Fig. 11

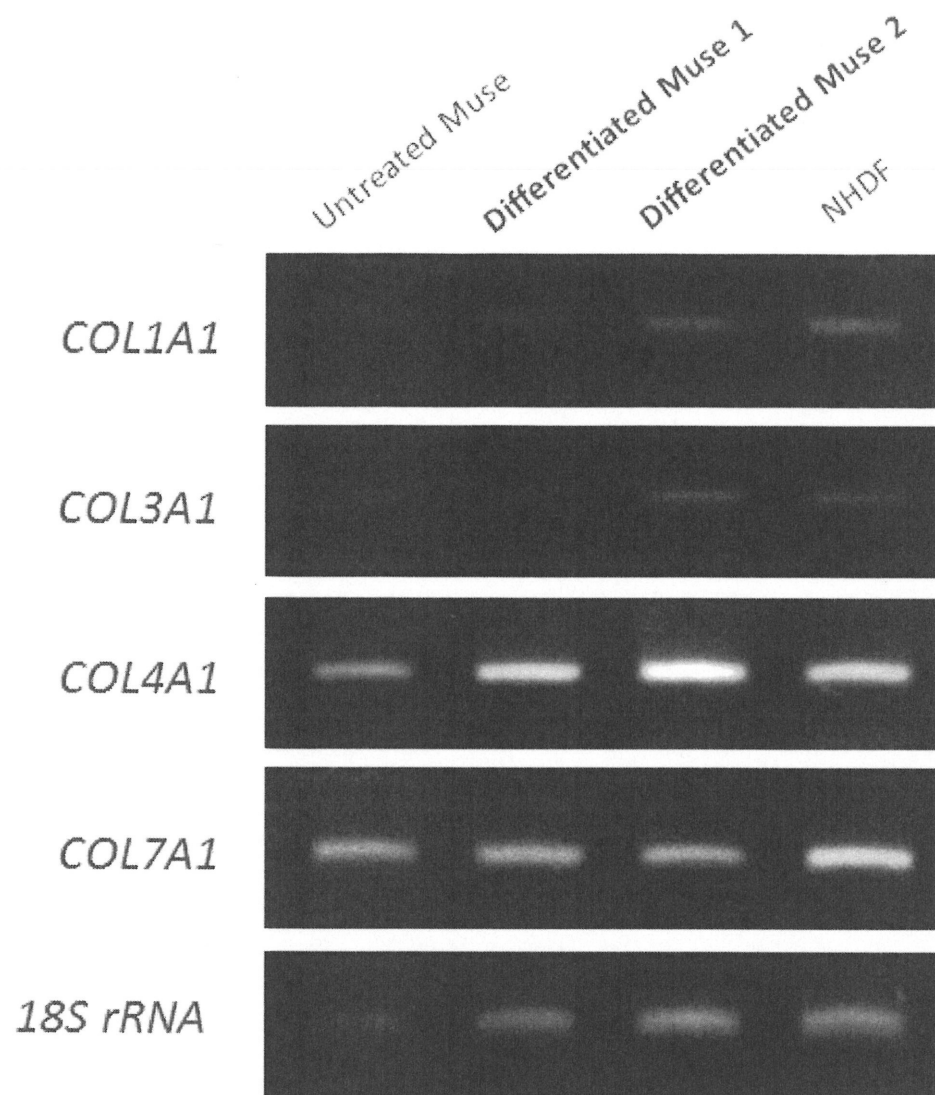


Fig. 12