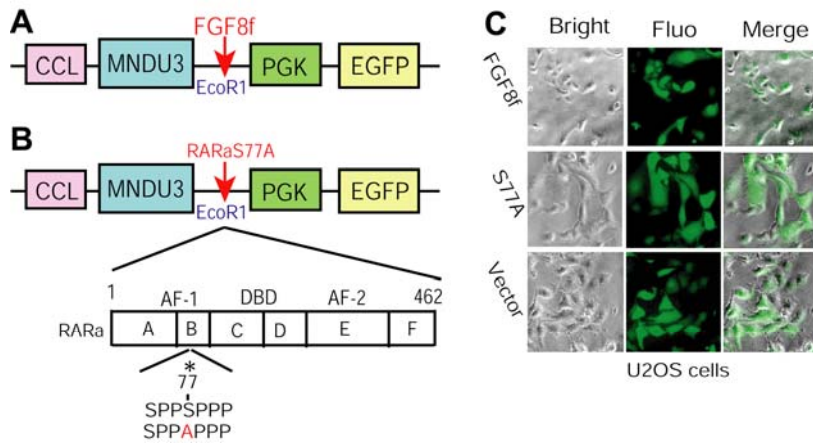
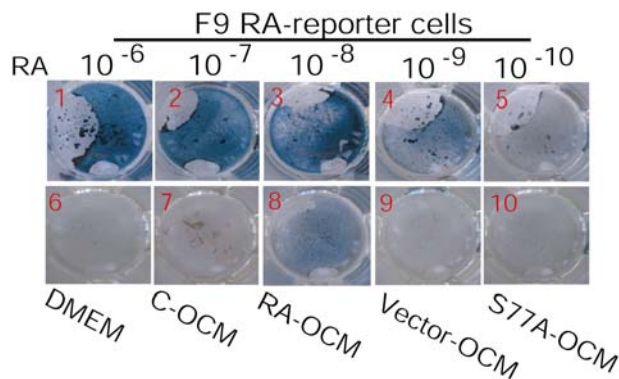


Supplemental data



Supplemental Figure 1. (A & B) The pCCL lentiviral FGF8f (A) and RAR α S77A (B) constructs with enhanced green fluorescent protein (eGFP). (C) Expression of FGF8f or RAR α S77A in U2OS cells, as reflected by eGFP expression (>95%).



Supplemental Figure 2. F9 RA-reporter cells (cultured in DMEM) were incubated with serially diluted RA (top panel). F9 RA-reporter cells were incubated with different OCM of U2OS cells (bottom panel). The retained levels of RA in RA-OCM were less than the physiological levels of 10^{-9} M (wells 4 vs. 8).

Name	GenBank no.	Forward	Reverse
osteopontin	X13694.1	tgaaacgagtcagctggatg	tgaaattcatggctgtggaa
GAPDH	NM_002046.3	gtcatccatgacaactttgg	gagcttgacaaagtggcgt

Supplemental Table 1. Primers used for qRT-PCR amplification. The amplification cycle conditions: initial denaturization at 95°C for 15 min followed by consecutive 40 thermal cycles (95°C, 30 s; 58°C, 30 s; and 72°C, 30 s).