

Table S4. Candidate factors affecting satellite cell formation

Constructs	Pax7 expression
<i>Bmp4</i>	+++
<i>Msx1</i>	+++
<i>Fgf8</i>	+++
<i>Tbx6</i>	+
<i>Myf5</i>	-
<i>Pax7</i>	-
<i>Pax3</i>	-
<i>Wnt8</i>	-
<i>Wnt3a</i>	-
<i>GSK3B</i>	-
<i>Notch1</i>	-
<i>NICD</i>	-

Candidate factor mRNA (100 pg) was injected into both blastomeres of two-cell stage embryo. Animal caps were collected at stage 8-9, induced with FGF2 and cultured for 5 days. (+) or (-) refers to the expression level of *Pax7* by RT-PCR compared with control caps.