

Oligonucleotide primers used for making FISH RNA probes:

col^l, *mspo* and *Pax* RNA probes were synthesized as previously described [1, 2].

<i>S59ⁱ</i>	5'-GGAGATTTGGGCACGATAAG-3'	+ 5'-CCAGAGCAAGAGAGGTCGG-3'
<i>Krⁱ</i>	5'-CGCACAAACGCGAAGT-3'	+ 5'-GAGAGTGTGGCCAATGTGCTC-3'
<i>duf^l</i>	5'-GCCAACGAGCAGCTGATGG-3'	+ 5'-GTGTCGTCGTGTGTTTGTGC-3'
<i>snsⁱ</i>	5'-CATCGCCATCTGTTTGTGTG-3'	+ 5'-GTTTGCTGTGTTTACAGTTCG-3'
<i>kon</i>	5'-CGTGTTATTGACTAACCGAAG-3'	+ 5'-CCAAGTCTGAACGAGCAATC-3'
<i>konⁱ</i>	5'-GACGACAACGAGAAAAGTGC-3'	+ 5'-CTGTCGCAGCCATGAAAGG-3'
<i>mspoⁱ</i>	5'-CTATGGATACCAAGTACTTCG-3'	+ 5'-GTTGGTCTAGGCTTGTGTATC-3'
<i>Paxⁱ</i>	5'-GCAACAACAACAGCCAAACC-3'	+ 5'-GAGCGTGACGTTCTGATAAC-3'
<i>Con</i>	5'-CTATAGCGGACCGATGGAC-3'	+ 5'-CTGGTCAGCACATTGATCTG-3'
<i>Conⁱ</i>	5'-CCATTAATCCCCTTGTGCATAAC-3'	+ 5'-GCGCTCGGAAATGCGCTG-3'

The corresponding PCR products were cloned in pGemTeasy, and the antisense RNA probes were transcribed *in vitro*, using T7 or SP6 RNA polymerase.

<i>Mhc</i>	5'-GATCAGGAGATCTCTGGCCTGAAGAAG-3' + 5'-ccgaattctaatacactactataggagaCTTCAGCTTGTGAGCTGATCAACCTG-3'
<i>Mhcⁱ</i>	5'-CCAAGTTCGGTTTCAAATCCGATC-3' + 5'-ccgaattctaatacactactataggagaCGTATCGAACAGCGTTATGGTTAGTAGAC-3'

The corresponding antisense RNAs probes were transcribed *in vitro* with T7 RNA polymerase, using PCR templates. The T7 sequence is in minus characters.

1. Crozatier M, Vincent A: **Requirement for the Drosophila COE transcription factor Collier in formation of an embryonic muscle: transcriptional response to notch signalling.** *Development* 1999, **126**(7):1495-1504.
2. Bataillé L, Delon I, Da Ponte JP, Brown NH, Jagla K: **Downstream of identity genes: muscle-type-specific regulation of the fusion process.** *Dev Cell* 2010, **19**(2):317-328.