Corrigendum

eFGF is required for activation of XmyoD expression in the myogenic cell lineage of Xenopus laevis


Fig. 1B of this paper shows the expression of Xmyf5 and not XmyoD as stated. As a consequence, the first paragraph of the Results section is inaccurate. The correct figure and text are given here and in the online versions.

Fig. 1. The normal expression patterns of eFGF and XmyoD showing co-expression in the early mesoderm. Whole-mount in situ hybridisation showing expression of (A) eFGF at stage 10, (B) XmyoD at stage 10 and (C) XmyoD at stage 10 (+). Expression of XmyoD across the dorsal midline is rapidly excluded as Spemann’s organiser signalling is established.

RESULTS

eFGF and XmyoD are co-expressed in the early mesoderm

As discussed above, there is evidence to suggest a role for FGF signalling during myogenesis. We show that the expression domains of XmyoD and eFGF overlap in the early mesoderm. Both genes are initially co-expressed within a region that encompasses much of the mesoderm (Fig. 1).

ADDITIONAL INFORMATION

The authors have supplied additional data to illustrate that the expression of these two genes is similar at this stage, as shown below.

The normal expression of Xmyf5 and XmyoD at early gastrula stage 10. Whole-mount in situ hybridisation shows that Xmyf5 expression (A) is strong dorsally and spans the dorsal midline. XmyoD (B) is expressed more evenly throughout the marginal zone but is excluded from the dorsal midline.