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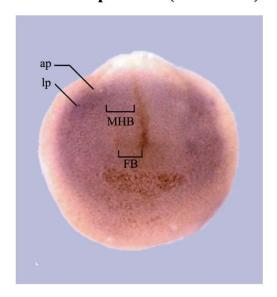
Accessory Publication

-2715GAGCTCACAGCTCTATTTTATTCATTGACCAGTTTATTGTTTAGTTTTCAAAGTCAAAACCTAATCCAATTAATC -2840 CGTCTCCCACATTTCCATAGAACCAGCCGGATTGTCCCAATACACAAACTGTGTCACTGAAAGGCTCTCCCCAGTCCTCAGCCCCTTGGGTGCAGCTGTACCTGTGTCTGGTTTGG -2400 GATTAAAACATTCTCACTACCCCCCGATGGGAGAGATTATCTTTTTGCAGATAAAATATGTGTGAACTGCCCCACAGATAAGACAATTGCCTCAGTGACAAATTTTATGGGTCTTATAACA -1080 TAGATGTGGATAAACGAGTCCCTGTATAAGAGAAACATTAAGAGAAGGTGTATAATGTCTGTGCCTATAGAGAGACACACTGTGCGTTGCTTATTGCAGACACTGCTCCCGAATGAGCGA -960 TTGTAACGTTGGAAGTGGAAATGGGGCAATTGGGGATTTAAATGTCCCGTGTAAGGCATGAGTACAATGAAGTGCATCCTGTGAGGCGAGATCTACAAGGGGGCGGTTCCCAGCTCCATCC -840 TCCCACATTTAACCCAGGACAGATGAGAAGGGAGTTTGACATTGGAGAGTTCAGGACAAGAGGAGACAAGGGGCTGATCGCTGGCAATCACTTCACTTACTGCTCAATGAGACAGGGGC Inr consensus motif (-712 ~ -706) Transcription start site (-710) -360 GGCCGGACAGTAGCGCAACACTCGGACAATTGTCACCGGCGCATCTTGCTCTTGAGAGGGCGTGAGCTCCGCACCGACTACTGCAGCAGCACCACAGCACCACAACTGTTGTTATTAT -120 AGGAATCTGCCGGAGCTCCCGGGACTAGTGAAACGGCACCTTCCCCTATTGCTGCTGCTGCTGCTGCTGCTACTGGGCTAATCACCCGCCGCTTCTCTGCAATCCAACTGGCAACTGAGCAAC +1 ATGAACTACATCACCTCCATCCTGGGCTATCTGTAAGTATTGGGGCACCAGCACCCACATT Tran slation start site (+1)

Fig. S1. Nucleotide sequence of the 2.4 kb-long upstream region of the *XFGF8* gene. The translation start site is numbered as +1. The *XFGF8* genomic fragment contains 2005 bp of putative transcriptional regulatory region and 417 bp of partial 5' UTR. An Inr (initiation element) consensus motif between nt -712~-706 is underlined.

XFGF8 upstream (-2715/Luc)

XFGF8 Expression



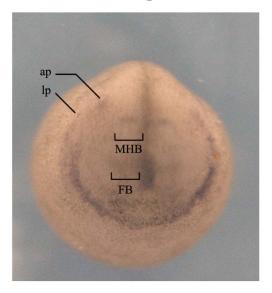


Fig. S2. The spatial expression pattern of 2.4 kb-long upstream region of the *XFGF8* gene (-2715/Luc)-driven luciferase. Whole-mount *in situ* hybridization was performed using antisense luciferase riboprobe from -2715/Luc at stage 15. Although the expression domain of -2715/Luc overlapped with that of endogenous *XFGF8*, much broader signals of -2715/Luc than that of endogenous *XFGF8* were observed. MHB, mid-hind brain junction; FB, forebrain; ap, auditory placode; lp, lens placode.