

SUPPLEMENTARY MATERIAL

corresponding to:

**A *Sox5* gene is expressed in the myogenic lineage
during trout embryonic development**

PIERRE-YVES RESCAN and CECILE RALLIERE

AATGTATTGAGTGATAATGCATGGCTGGTTATTTTCGGTAGTGTAGTCCTGTTATTTTACATAGC
CCTTATTGGAAACCTAAAAGCAAGTGGAAACAGACAAAACACACAATTGTATCAATAATATTGCC
TGATAGTGTGATATTACATTGTTAAAACCTATATTAGCTGTAACATTGTTTAAATCATATGA
ATCATTGTTATTATCATCATGGTCATCAGTATTTATTTTATTTTGCATTTGATTTAGGACCACA
CTAAAGAAAGCCAAAGTGTAGATGGACCTAAATGTGAAAGTCACTGTTTATTGATTTTATAGT
TCTACAATTAATGTTCCATATTTTACAGGAATTTTAAAAAGCAAACACACAAACTTGA
AAGGACACTTTAAGTAAAAACATACTGAAGATGCCTTACATTATCCAGAGGTTCAAAATACAC
ACTTGAGGGAGTTGATTTACAGACATCTCTTATCGAGAGATCGAGACAGAGAGAGAGAGAGA
GAGAGAGGAGGTACCCAGACCTTGTAGAGGGCTGCCGAAGTTTCCATCTAAAGAATGTTTTTC
TGGAAAACGCTTTTGTGGTTTCAAGTGATTGATGCTTGACTTAATGCTCGGTGAGTCTTCC
CAGGAGGGTGAGGCGGCTCTTGTGCCTTTTATCCCATGTGAAGCAAACCAAAGCGGGAGAG
TGAGAGTCATAGCTATTCGGCAGGGTACCAGGTCTCCACCGGCGCATCTGCATGTGAAATC
GCCATTTACCCTCCACACTCCCTAATTGTTGCAAAAATTTATTTGTGAAATGCCTTCTCCTCA
GGAGTGTTCACGCGATTGTACACAATTTTCTATGCACGGCAGGCCACAGAGTTGACAC
ACGCAACTCTTCTTACTTAAGAATGTAATAGTTTAACTTATTCATTTATTACAATTGGCTT
TAAGCTATTGCTATTGAAAGATCCCTCTTGTAAATGTTCTTTATGCCTACCTGTTGTTATACT
ACCACAATGGGTGGTGGACTATGCCAATAAGCTTGCACGTATTACTAAAACGATTTGACATTCT
TGACACGCAATTTTAGGCCTAATGAAAGTTAAATGTTAACATCCAAAATTACATTTCTTAACC
TATATTGTGCTATTGAATCCACAGGTGTATGTGGAACCTAGGCTAGCCACATGTGTCACTGA
AACAGAGAACGCTGATAACTAGTAGATCATACTGAATTAGCCTTTGCCAAATTTCAAAAATGT
GTCTTTAAAAATGTAAGCTGTGCGTCAGATCATGATTTTGAATGATACATTCTGTGAGCTACT
TTCAATAGAAATCACCTCTAATAGCCTACATCTGTAAGTTAACTTCTTTAAAGACTTTATTAT
ATTTATTTATATTATATTCATTTGTATAGTTGAGTGCCTGTACATACAACCTCCCGTCAGA
CAATTGTTCAATTCATTAATTCAGATTACTTAAATATGCAATTGAAAAGTCGTTGAAAACAG
ATATAAACAGATAGGCCTTTACTAATCCCGATTATTGGTCATTGCATGCTTTGCAACTCACAG
TTAGGCCACTTACGTTTGTGTTGGGCCCTTTCTACGATTTATGAGGGCAAAGTCCCTTT
CAATAAATGAATGCAGCTTATTGGTGTGGTCCGGCGTCATAGCCGCTGTGCCAGATTTCTTCA
AGCTTGCTAAGACACCTCAGTCCCTCAACTTAAAGGTCCAATCCATCCCATGGTAATGTGGGT
AGCGATGCGCGAGGGAATAGAGTTGCTTTTGGAGTAGGCCTAATATTTAGTGAACCTTAACTT
CCTTGCCCTTTAAATGTAGTCTTTTCTTATAGTGTACACCTCAAATCAATGCCTGATGTTAT
AAAAGTTGACCTGAAGAAATAATTTCAACCTGGAATTTAGGCTACTAAATTTAGACACTAGG
CTACTCTTCTAGACACACACAAACACAACCTAACACACACACACACACACACACACACACAG
GTATACACATACATAACATGTGTTTTTATGAATATTGATGTAGCCTACAAACACACATGCAGAT
-----640 nucleotides----- GACTTTGCGGAGTAAGAATTTGGTACCAGTGCCCACT

M A T L P G

AGGTGTTTCTCCAGTAGCTAGA **ATG**GCTACTTTACCAGGA...

Supplementary Fig. S1. 5' flanking sequence of the trout Pax7 gene. 2.8 kb of the DNA sequence upstream of the initiation codon is shown with putative Sox5 (underlined) and TATA (double-underlined) binding sites. The start of the Pax7 amino acid sequence is indicated.