**RNA in situ probe sequences**

**1）Elavl4**

TCAGGATTTGTGGGCTTTGTTGGTTTTAAAGGAAACTTGCAACACTCTGTCTCCCAGGCGATAGCCATTGAGGCTGGCGATGGCCATGGCTGCCTCATCGTAGTTGGTCATGGTGACGAAGCCGAATCCCTTGCACTTGTTGGTGTTGAAGTCACGGATGACCTTGACGTTGTTCACTGCGCCAAAGGGGCCAAAGAGCTGCCAGAGGACACTCTCATCAGAATCAGGGGACAGGTTATAGACGAAGATGCACCAGCCTGTCCCTGTGTGACCAGGGATGTTCATTCCCACAAGACTTGTCATCCCGTCAATGGTGATTGGGGAGAAC

**2）Esrrg**

ATGTTTAGTCAGGGATTTGCCAATTTTTTAAAACTTATCACAGCTATCAATTTCAAGTTATTGACCATCCGAATGAATTGCTAATGATGATTTACCTAGAGTCACACTACAGTCACTTTCTCTACTGAGAACCACAATCTACGATATATTCCCATATAGCTAATGATAGATACACAGTATTCCTAGCACAGGGCTGAGACACCCTCAGTCCAAGGTATTTTGCTTAACGCACACAAAGTAGCAATAGTTTTGGAAGCAAGTCCGCACCAAAAAGGTTTGCAACAACACAGAGCGAGTTAATAACAACATCTGAGAGATGATCAGGTGGAAGCCTTATATACAGCATTTAAAAATTAGACTTATCTATATTCTTGAATATTCAAAGTTTTATGTCTAAGCTATACATTGGTATTCTATAATAAACCATTAGAGAAATTATCCCTTTTTTGAAAATATTATTATGATTTTGATGTGTGTCTGATCGTAATGAATACTGTTTTGGAGTTTCAATCTCTTAGTTATTACTGGTAAGGAGTAGAATATACTACTGTAGTCTCCTGAGGAAGTATACATCCAATACTGTCTCTAATTCTACCCTGTGTCTAAAAGCACACACCACAAGAATCCAAACACCACGAGAACAAGACGACAGTTTCTGAATGC

**3) Scrt1**

AACATAAGGCCCAAGTCAAAGGCAGAGCCTGACTACACCCAGCGTATTCTAGGACTGAGGTGGGTAGGAGAGGCCATAGGGGCCCAGGGATTCAGCCCTCTGCATCTGCCTTCCACCCTGGCCTACCTATGCGTATTGGGCCCTGTCACTGATGGGCACCTCCAGAAGGTTGCCACATCTCTGACGGATTCAGGAATGGGCCTGGCATATCGTAGGTACCCAATGATGGGTCGGTGAGTGATGAAGGACTGACAAGAGAGGACTTGGGTGATACCATTCCATCCCAGCCTCTGGAACCATGACGCCTGCCGGGCTCTGCCCTGGGGTAGGGTATGGGGAAAGAAAGTCTGCGTGGCCGGCCCCGCGCAGCATCCCTGATCTAGGGGCCTATGGGATGGGTAGGGCAGGGGATACCTGATTCTCAGTAACTCTAGAGGCTGCGGCAGCTTCACATGCAGTGCGCATTATTGCTCTATAGTCTGCATCGGA

**4) Scrt2**

TCCTAAGGAGTTGAGGCTCTGATAAGGGTGGGCTTCTCCCCAGACCCATAAGGGGAGGAGCAGCCAGCGACGGACGGCCTTGCTGACTCTACCCTTTGACTTCCCAGTCCAGCTGGGGAAGCCAGACAGTCCCTGGGTGAAGCCAAGAGATTAAATAGAATAATAAATAGATAAATAAATAAATACACAAATAAATAGCGGAAGGGGCCCTGCCGGACGAGGGGATGTGTCCATGGGTGAGGTGCTCCAGGCTGTTCTCTAGCAAAGGCAGAGGCGAACCTGTAGTCCTGGGGCGAGGGAAAGTGCTCAGATAGTCTGGGAAATCGCAGCTCCAGGCCTGAGGCCTAGACAGGAACTTTCCTGGGGCAAGAGGGGTCACCTGAGAGGGCAGAGCCTTGGGCTGCCTCCCAAGTCTGTTCCCAGCTAGGAAAACTGAGGACTGGGAGCTACTAGTGGGAAGATGGAGCTGGAGAGAGCAGGATGTCTGATGAGATCCGGGAGGACTGATAATGTCAGGTGGAATCGTGTGTGTAAGAGGCTGGACCTAAGGCCCAAGCATGGAGGGGCTCAGGAATGGACAGGCAGAGGACTCCAAGAGTGGTGAAGATTAGATTACGGTATGGGGACACAC

**5) Stmn3**

TAAGAGAGCCCCAGCCACACCTGGCCTAGTGTCTGAATAGGGGACCATATCTCCTGCCTAAGGAGCTCCTTCAGGAAGAGCCCAAGGTCAGACACGTTACAAGGACTGGACAGTTCAGAGTGTGGGAAAAAAGCAGGAAGCTGAGGGGTACAGGGGAGCAGATAGGAGCAGGCACAAAATTCGCATCTAGACAGAATTGAAAACAAAAACAAAACCCGAAAACGTTCTTGTCGCCGCTGGGTCCAATACTCCTTAGCCAGACATTTCCTCCCGCTGCTCCTTGTTCCTGCGCACCTCAGCAGCGTGCAGCTCCTTCTCGCGCAGCCGCTCGCGCAGCGCTGCCAAGTGCGCCTCGCGGATCTCCTTGCTCAG

**6) Shox2**

CTCTATCCAGACTTCCCCAAACCCGCTCCTACAAAGCCGAATTTTAGTCCCAAGGGCGGGTGGGCAGGAGCCCCTGGGCTGGTGGCCCTCGTGGGATCCCGGGTCCAGCGCAGAGTCCCGCCCTGGGGATCCAGGGTGCAGAAAGAAAAGGCGGCAGTCAGCGGGGAAGGGACAGGCCTGGGCGACGGTCAGAAGCGGGTGCGGGAGAAGCCGGTCGCGGAGGGCGTGCAGGATCGCGCCGCTTAGGAGGCTCCACCGACCGTGGCGCTGGCGCCGGCGTCACAGACCCAGGGCGGCCGCGTGCTTTTTAGCTTTCAGTC

**7) Gabbr2**

GTCGTAGATAAGGCTCGAGATCCGTGCTGAGTCCCTCTCTGCCTGAGCGCCATTCCAGCAGTCTGGAGAGGCAGCATGGTGCCCAGCTTCTCGCCGCCGTCAGCGTGCCAGTGGCAGGCGCCTTGGCCCAGCATGGTGCTGTCCCGGTGAGGCCCGGCCCCAGGCCTCCCTGCCCTACAGGCCCGAGACCATGACTCGGAAGGAGGGTGGTACGTGTCTGTGGCGAGGGCTGGCTGTAGGGCTGACACAGGGGCTGACGCAGCTGGCGTCCACGCCTCCAATGGACGGGAGGTAGGCGTGGTGGAGGATGGGGAGCTGGAGGGACAGCCGGCGCTGGATGTGCTCTGGGGAGTTGATGTCCTCTATGGGGTCTTTGCATGTTCTTGAGGGCTCGGTCGTGTTCCACTGGAGCTGAGGGTTTTGATCGAGGTGATTTTTTAGAATGGCCTTTCCTCCATCTGTGCTCTCTGTGAAGTTGCCCAAGCTGAGGATGTCGTTGAGCTCTTGGTAGTGATTCTGTTTGATGTATGTGGTCTTCTCTGGTGTGTCTTGTAGCTGCATGGTGACTTCTTCCAAGTCTTTGTCCAGCTCTGTGATCTTCATTCGTAGGCGGTGGTTTTCTGACTGCAGTCCCTCCAGGCGTGACGTGCTCGCCTGGTTCACGCTGGTGACTGAGGTGGAGGTCTTCGAATCTTCTTTCTTCTGGTTCTGTGTGAACTGGAATCGCCTGTTCTGAGTGGCTGCGTCAGGGTTTGTCCTCAGAGTGATGAGCTTTGGCACAAACACCAGGCAGAGAGTGATGGTGCTACAGAAGATGATGACCAGGGCCACGATGCAGAACTGCACGTTGGGCTGGTCACGTGTCAGGAAGGAGACGGCGGCCCCGATGATGCACATGATCCCCACATTGTACACACTCATCCCAATGTACTTGCTGTC

**8) Celf4**

GTCCTGCATACTGCTGCACTCCAGCGTAGGCCTGCTGCAGGGGGTCGGCTGCGGTGGGGCTCTGTGCTGGGTAGGGGTGAATGCCATTGGCAAACACAGCTTCCGCAGCAGGCTGCCCATTGGCCTGAGGGGGGAGGCCCGTGAAGCCGTTCACCCCAATGGGGGATGGGATGCTAGGCACAGCTGGTGCAGTGATGCCTGGAGGGGTGCTGCCACCTGAGGTTGGGGTCATAGGTGCGGCTGCCAGGCCATTCATGTTGAGGGCCGCCATCTGCTGCATTTGGGCGGCAGCGAAGGCAGCCATGGGATTCAGGTAGCCTCCTTGCGCGACCGATGCCATGAGGGCTGCTTGCTGCTGCATCAGTGCCTGAGCATAGGCGCCATAGGCTCCGAAGGGGATGGCCATGGGGTTGAACATGCCCATCTGGCCAGCCATCTGCTGCATCCGTCGCATTGTGCGCTCCTTGTCAGTGTCTGCAAACTTGACCACCAGGCTGGAGGAGGCTCCAGGCATGGTCTGGCTGCCATGTAGAGCGTTGATGGCGGCTTGTGCCTCGGCATGGGAGGAGTACTTCACAAAGGCGCACC