**SALL1 ENSG00000103449**

**3975 nt**

ATGTCGCGGAGGAAGCAAGCGAAGCCTCAACATTTCCAATCCGACCCCGAAGTGGCCTCGCTCCCCCGGCGAGATGGAGACACAGAAAAGGGTCAACCGAGTCGCCCTACTAAGAGCAAGGATGCCCACGTCTGTGGCCGGTGCTGTGCCGAGTTCTTTGAATTATCAGATCTTCTGCTCCACAAGAAGAACTGTACTAAAAATCAATTAGTTTTAATCGTAAATGAAAATCCAGCCTCCCCACCCGAAACCTTCTCCCCCAGCCCCCCTCCTGATAATCCTGATGAACAAATGAATGACACAGTTAACAAAACAGATCAAGTGGACTGCAGCGACCTTTCAGAACACAACGGACTTGACAGGGAAGAGTCCATGGAGGTGGAGGCCCCGGTTGCTAACAAAAGCGGCAGCGGCACTTCCAGCGGCAGCCACAGCAGTACCGCCCCAAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCGGCGGCGGCGGCAGCTCCTCCACAGGTACCTCAGCGATCACAACCTCTCTACCTCAACTCGGGGACCTGACAACACTGGGCAACTTCTCCGTAATCAACAGCAACGTCATCATCGAGAACCTCCAGAGCACCAAGGTGGCGGTGGCCCAGTTCTCCCAGGAAGCGAGGTGCGGCGGGGCCTCTGGGGGCAAGCTGGCCGTCCCAGCCCTCATGGAACAACTCCTAGCTCTGCAGCAGCAGCAGATCCACCAGCTGCAATTGATCGAACAGATTCGTCACCAAATATTGCTGTTGGCTTCTCAGAATGCAGACTTGCCAACATCTTCTAGTCCTTCTCAAGGTACTTTACGAACATCTGCCAACCCCTTGTCCACGCTAAGTTCCCATTTATCTCAGCAGCTGGCAGCAGCAGCTGGATTGGCACAGAGCCTCGCCAGCCAATCTGCCAGCATTAGTGGTGTGAAACAGCTACCCCCAATCCAGCTACCTCAGAGCAGTTCTGGCAACACCATCATTCCATCCAACAGCGGCTCTTCTCCCAATATGAACATATTGGCAGCGGCAGTTACCACCCCGTCCTCTGAAAAAGTGGCTTCAAGTGCTGGGGCCTCCCATGTCAGCAACCCAGCGGTCTCATCATCGTCCTCACCAGCTTTTGCAATAAGCAGTTTATTAAGTCCTGCGTCTAATCCACTTCTACCTCAGCAAGCCTCCGCTAACTCGGTTTTCCCCAGCCCTTTGCCCAACATCGGAACAACTGCAGAGGATTTAAACTCCTTGTCTGCCTTGGCCCAGCAAAGAAAAAGCAAGCCACCAAATGTCACTGCCTTTGAAGCGAAAAGTACTTCCGATGAGGCATTCTTCAAACACAAGTGCAGGTTCTGCGCGAAGGTCTTTGGGAGTGACAGTGCCTTGCAGATCCACTTGCGTTCCCATACCGGAGAGAGGCCATTCAAGTGCAACATCTGCGGGAACAGGTTCTCCACCAAGGGGAATCTGAAAGTCCACTTTCAGCGCCACAAAGAGAAATACCCTCATATCCAGATGAACCCCTATCCTGTGCCTGAGCATTTGGACAATATCCCCACGAGTACTGGCATCCCATATGGCATGTCCATCCCTCCAGAGAAGCCAGTCACCAGCTGGCTAGACACCAAACCAGTCCTGCCTACTCTGACCACTTCAGTCGGCCTGCCGTTGCCCCCAACCCTCCCAAGCCTCATACCCTTCATCAAGACGGAAGAGCCAGCCCCCATCCCCATCAGCCATTCTGCCACCAGCCCCCCAGGCTCAGTCAAAAGTGACTCCGGGGGCCCTGAGTCAGCCACAAGAAACCTAGGTGGGCTCCCAGAGGAAGCCGAAGGGTCCACTCTGCCACCCTCTGGTGGCAAAAGCGAAGAGAGTGGCATGGTCACCAACTCAGTCCCGACGGCGAGCAGTAGCGTCCTGAGCTCCCCAGCGGCAGACTGCGGCCCCGCGGGCAGTGCCACCACCTTCACCAACCCTTTGTTGCCGCTCATGTCCGAGCAGTTCAAGGCCAAGTTTCCTTTTGGGGGACTCCTGGACTCAGCTCAGGCATCAGAGACGTCCAAGCTTCAGCAACTGGTAGAAAACATTGACAAGAAGGCCACTGACCCCAATGAGTGCATCATCTGCCACCGGGTTCTCAGCTGCCAGAGCGCCTTGAAAATGCACTACAGGACACACACTGGGGAGAGGCCCTTTAAGTGTAAGATCTGTGGCCGGGCTTTCACCACGAAAGGGAATCTTAAAACCCACTACAGTGTCCATCGTGCTATGCCCCCGCTCAGAGTCCAGCATTCCTGCCCCATCTGCCAGAAGAAGTTCACGAACGCTGTGGTCCTGCAGCAGCACATCCGAATGCATATGGGAGGCCAGATCCCCAACACCCCAGTCCCCGACAGCTACTCTGAGTCCATGGAGTCTGACACAGGTTCCTTTGATGAGAAAAATTTTGATGACCTAGACAACTTCTCTGATGAAAACATGGAAGACTGTCCTGAGGGCAGCATCCCTGATACACCTAAGTCTGCAGACGCCTCCCAAGACAGCTTATCCTCTTCGCCTTTGCCCCTCGAGATGTCGAGCATCGCTGCTTTGGAAAATCAGATGAAGATGATCAATGCTGGCCTGGCAGAGCAGCTACAGGCCAGCCTGAAGTCAGTGGAGAATGGGTCCATCGAGGGGGATGTCCTGACCAATGATTCATCCTCAGTGGGTGGTGACATGGAAAGCCAAAGTGCTGGCAGCCCAGCCATCTCAGAGTCTACCTCTTCCATGCAGGCTCTGTCCCCGTCCAACAGCACGCAGGAGTTCCACAAGTCACCCAGCATTGAGGAGAAACCACAGAGAGCGGTCCCAAGCGAGTTTGCCAATGGTTTGTCTCCCACCCCAGTGAATGGTGGGGCTTTGGATTTGACATCTAGTCACGCAGAGAAAATCATCAAAGAAGATTCTTTGGGGATCCTCTTCCCTTTTAGAGACCGGGGTAAATTTAAAAACACTGCTTGTGACATTTGTGGCAAAACATTTGCTTGTCAGAGTGCCTTGGACATTCACTATAGAAGTCATACCAAAGAGAGACCATTTATTTGCACAGTTTGCAATCGTGGCTTTTCCACAAAGGGTAATTTGAAGCAGCACATGTTGACACATCAGATGCGAGATCTGCCATCCCAGCTCTTTGAGCCCAGTTCCAACCTTGGCCCCAATCAGAACTCAGCGGTGATTCCCGCCAACTCGTTGTCATCTCTCATCAAGACAGAGGTCAACGGCTTCGTGCATGTTTCTCCTCAGGACAGTAAGGACACCCCCACCAGTCACGTCCCGTCTGGGCCTCTGTCTTCCTCTGCCACATCCCCAGTTCTGCTCCCTGCTCTGCCCAGGAGAACTCCCAAGCAGCACTACTGCAACACATGTGGCAAAACCTTCTCCTCATCGAGTGCCCTGCAGATTCACGAGAGAACTCACACTGGAGAGAAACCCTTTGCTTGCACTATTTGTGGAAGAGCTTTCACGACTAAAGGCAATCTTAAGGTACACATGGGCACTCACATGTGGAATAGCACCCCTGCACGACGGGGTCGGCGGCTCTCTGTGGATGGCCCCATGACATTTCTAGGAGGCAATCCCGTCAAGTTCCCAGAAATGTTCCAGAAGGATTTGGCGGCAAGATCAGGAAGTGGGGATCCTTCCAGCTTCTGGAATCAGTATGCAGCAGCGCTCTCCAACGGGCTGGCGATGAAGGCCAACGAGATCTCCGTCATTCAGAACGGTGGCATCCCTCCAATTCCTGGAAGCCTCGGCAGTGGGAACAGCTCACCTGTTAGTGGGCTGACGGGAAACCTGGAGAGGCTCCAGAACTCAGAGCCCAATGCTCCCCTGGCCGGCCTGGAGAAAATGGCAAGCAGTGAGAACGGAACCAACTTCCGCTTCACCCGCTTCGTGGAGGACAGCAAGGAGATCGTCACGAGTTAA

Forward (1994-2014: 20 bp) Tm: 59.98

TCATGTCCGAGCAGTTCAAG

Reverse（2172-2192: 20 bp）Tm: 60.00

TCCCCAGTGTGTGTCCTGTA

Product: 199 bp

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GRCh38.p13 (Ensemble Genome Browser: release 100)