**LCORL ENSG00000178177**

**5616 nt**

ATGGACAAGGGAAGAGAGAGAATGGCCGCTGCCGCCGCCGCTGCTGCCGCCGCCGCCGCCGCCGCTCAGTGCCGGAGCCCTCGGTGCGCGGCGGAGAGAAGAGGATTCCGGCGGGAACTCGACTCTTGGCGCCACCGCCTCATGCACTGTGTAGGTTTTGAGAGTATTTTAGAAGGGCTTTATGGACCACGGCTACGAAGAGACCTCAGTTTATTTGAAGACTGTGAACCAGAAGAGCTGACTGACTGGTCTATGGATGAAAAATGTTCATTTTGTAACCTACAGAGAGAAGCAGTCAGTGATTGTATACCATCTCTTGATTCTTCACAGTCAACACCAACAGAGGAGCTATCATCTCAGGGCCAGTCCAACACTGATAAGATTGAATGCCAAGCAGAAAATTACCTAAATGCACTCTTTCGAAAGAAAGATCTTCCTCAGAACTGTGATCCTAACATTCCCCTAGTTGCTCAGGAATTAATGAAAAAGATGATACGTCAATTTGCGATTGAGTACATTTCAAAAAGTGGTAAAACTCAAGAGAATAGAAATGGTTCAATTGGACCAAGTATAGTATGTAAAAGTATCCAAATGAATCAAGCAGAAAACTCCCTTCAGGAAGAGCAGGAAGGCCCCTTAGACCTCACTGTGAATCGAATGCAAGAACAAAATACTCAGCAAGGGGATGGAGTGTTAGATCTCTCTACAAAGAAAACCAGCATAAAATCTGAAGAGTCATCCATATGTGATCCTTCTTCTGAAAATTCAGTGGCTGGTTCAACTGTTGATGCAAAATCAGAGGAAGCTACTAAAATGGAAAAAAGAAAATCAGCATTAAACAAAGTTTTGGAATCTTTGTGCATACATCACCAGCAACAAGTTTTGGCTATGTTGAAATTTCTAGTCCAAGAGCAGAATGCTGCTTCTCTTTGCTGTTGTAATACATCATGTGTTGTGTCTTCAGAATCTCAAAAGCCCTTAATCGAAGATGATTTATGTGGTCTGTTCTGTAGTTGTGAATATAGGCTGGCAGAAAGAGGTTGTTTACAAAACGAAAAACAAAGCCCTGGTTTAGAACCTCTGCCAGTCTGTATTAAAGATTTACATTGTTTATCTTGCCAAACTGTAACTGTTGAACACGTTAAGCCAGTAGTGAATAGAGGAATTGCAGACAGTTATAATTCTCACAGGTGCTGTTCTGGACTGTTACCAAACATTCACTCTACAAAATCAGCCTTTCGTAGTCCTCTTTTGTCAAAGGAAGTATGTGATCTTTCAGTCACTCTTAAAGATGCCTGTAGATCTCGAAGTCCCTCACCCCCACCATTATCACCTATAGAAACTGAAGGATTTGAAAAATTGAAAGACGTCATCTCAGAGATTTCAGCCTTAGAAAATAACAAACTTGAAGCAAACATTAACCAGCCTCCATCTCTCACACCAGCAGAAATCAGCAGCAATAAGAGTGATCATCAAGATAAAATACTTAAAACTAAAAAATCCAGTAACTCTTATTCTTTACTCTCAAATGACAGCAATAATTCTACTACAAATCATGAAAAAGGTGAAACTGCTGTAATTTTTCAAGATTTAATGGATCGCATTAATGAAAAACTAAAATCAATAGAAACCACGGATATGACAAGCCTTGTAAAATTATCTAGCAGTGATTATAATACATATAATGATTTAAAATTGGGAGATTTCATAACATCTCTCTTGCATAATGCAAAAGCCAGTGATTATAGTTTTATGGAATTATTGAGTCAACATGATAAAAAGGTAGAAAATAAAATTATTCAGACAAGATTTCGAAAGCGTCAAGAAACTTTATTTGCAATGCGCAACTCCTCTGATTCACCCATGTTTAGAAGGCAGTCTTTACAGATAAAAAGAGAACTTGCTAGTCTTGATGAAAATTTTACAAGAAAAAAATACACCGAAAAAAGTTCAAGGAAATTGACACAAAACAATGAGATATCTTCATCAGACAAAGGAGAATTCTATCATGACCAAGGGCCTTCTTTACAAAATTCTAAAAGACTTCAAGGTAAAAATCATGCTGAAACATCATTTTCACCAAATTATGCATTACAGTCACTGCAACTACCTCTTCATAGTTCAGAAACTAACTTGTCTTTTAATGAATTTTCAGAAAGCTTTAAAACAACTTCCCCTGAGAAAATGAGCATAAGAAAGCCACAGGAGAAATCTGCAGATGGAAAACAATTTTTGCAAAATGATAGGAAAAATCCAAAGTTAGGTAATACTCAAACTCTTTTGAGAAATGATGTTTCTGGACTTTTGAGCAGAACTAAACGAAATATTGTGCCTCCAGGGTGGTATTCTGTATATGTAACAAATAATTATGTTTTTAAAAAATCCCCTAAAGCCAAAAAAGTATCCGAATCCACAACAAAAAACGATCCAGTGAAAAATATTCACATTGAAAGCTCACACAATATAGACCTAAACAAAATTGCAATGAATTCTAATTTACAAGTGGTTGTGAAGCGTTTGGAAGATACAATAAGTATAGCCAAAAAATCCTGGAATAATCAGCCATTATCAGAAGGATATAAAGCATCCAAGAAATTGATAGAAATTGATGGTAAAGACCAACATGCTGACAGAAATATGACTCTTACTCTAAATAGAATGACATGCAAAGAACAGAGCTTATCAAAATCTGTGGTAGCATCCGGCAATATTATCAATAGTCACTGCATGCCTACAGTGGATTTGAATAACAAAAGACTTGAAAATCTGAAAAAGTCATCTATTTTAGATATGGGTCGCTTGATTTCCAGTGTTGAAAATGTACCAGCAAAATATGAAGGTACTGAAAGTTCATCTGTTTCCAACTATTCTAGTCCTATCAAACTCATGTTTTTATCTGAGGTTAAAAGTAGTGAAGGGGTCAAATATACTTTAACTTCAGTTGGCACTTCCCATTCAAATGTTGTTCTCCCTTCTGAAAAACCTACAACCCATCACGTAACTGAAGAAAAAACAGAAACAAATGAGGATATCTCAAATGCGAACTCTGAAAATTATCACTCCAGTCATTATGATACTGATACTTTTCAAAGAGAACTAAACAAATTCAGTCATGCAAAAGAAACTGCAGGATCCTCTACAATGTTTATAGGTGATATAAATAGTGATAAGCCACAAGAAGAACCTAAGGACAATTCAAGCAGTGCTACTGATCCATCTTTTAAAAGAAAACCAGGTAGACCAAAAAAAATAGGTCCCCAAGTTGTGAAACAGATTAAGCGACCAATTGGAAGACCACCAAAGCCTAAAATTGATCAAACAAACATCACTGTTTGCCAGAATGAGCCCTTTAGTGCTGGAAGGAAAAGCCCAGAATGTCTCATATCAGAAGTAAAAGAAGGTATTTATAAAAAGAGTATTACAGTAACTGTTATTTACGGAAGGTCAAGAAGAACTAAAAGGCATGTTTCTGAAGGAAGGGTAAACATAAGCAACCTTATGTCTTTAAACAATAATGCTGGTGATTTTCCAACTGAATATAATAGTCCCAGAAATATTAGTGAAGACAAAATTGACTTGGGTGAAAGAATAAGTGCTGTAGCAAGCTTGACTACTGAAAGTGAGATCTTGGGGTCTGGCTTTGAATATGTGAGACCCATCAAGAACAAATCTGTGATACCTCAGCCTTCCAAGAACATTATTCGACCAAATCAGAAGCCTTTGGCAATAAGTAGGAAGCCTGGTAGACCGGCAAAAGTGAAAATCTCTGGCATATCTGTGACTATTAATAGAACTTCACCTCAGGAAAGAGAAGTAAGTATTAGCAGCTGCTTGCCTCCTTTAGAACAGGATAATACGTCAGGAAAAAATCTGCCTGAAGAAAAGTATGACCAACAGTGCACTCAAATGGATAAAATAAGGCACACTGAAGCTGATATATTTAAAAATGGATCAAAACGTATGATTGCTACTGTACCTTTGAGACATTCTATTAGGGATAGAAAACCATCTCTGCATTTCTTACATTCATTAGCATCTTCTAGCTCACTTATTTATAGAAACGCTCTGCTCCATAAATCATATAAACTGCATTTGCAGAAAAATAAAAGTCAGAAGGAAAAACATAGGCACTCAAAGATGAAAATAGCTTACAAAGATACCCCAAGAAACAGACTTTCGCGGAATGCAAAAAAGTGTTTGGAAGATAATAAATTAGTACCTATTTCTGAAGTATCCTTGGATCCTATAATTTCATCAAACCCTTTGCTCAGGTGGTGGGCTACTTCTGCTTCAAATGATTCCTTATTAGAGGAATTAAACAATAGATTTGAGCAAATAACAAATGCTTGGGTGCAAGTAAGTGGAGATGAAGCTGAAAATTGTATTCATAAAAAAAGAGAACACATTGAAAATGATCATTTCAAAGTAGCAAGCCCTTTGGAAACTTGTCTTTTAGAACTTGAAGTTTCACCTGTAAAAATGCTTTTTCAGAAAAAGTATGATTTGAATGAACTCTGTACTTGGTTTATGCAAACAACAGAAACACAGTCTCTTTCACTAGTTAGAAAAGCAAATGCCCGAAACCCTTTGGAAGTAATAAATACCAGGGGAATCAAATTAGGGACCAAATATTCTGACTTTAATGCCAGCCCCTTCAGAAAGCACTTTAAAAAATTTGCACTCTCTTCTCCTTCAAAATCAGCAGAGAAATTGCATATACTGCATAAAGTGGCTAACTCTCCACTCTTAAATGTGAAAAGTAATTTAGCAATAGCTAGATTAAAAAGGACTGAGTTTAAGAGGTTGCATCATGAAAGGTGGAAAAGAGAGGGAAAGCTGCACAACCATGGAACAGTTGACTGGAACTCTAAAAGGAGAAACTTAAGATTTTTCTGCCAGAACCAATTTTTAAATAAGACTGAGGGAGAAACAAATGCTGACATCCCACTCCAAGGAAAAAGCATAGTAGATAATCAGTGTGTTTTGCCACCTGAGATCAG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Forward (189-209: 20 bp) Tm: 60.01

ACGGCTACGAAGAGACCTCA

Reverse（349-369: 20 bp）Tm: 60.03

GGACTGGCCCTGAGATGATA

Product: 181 bp

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