Promoter region: -3350bp to 508bp

GAS binding site

Part of CDS

CCTCAGCCTCCTGAGTAGCTGGGACTGCAGGCGCGCACCACCACGCCTGGCTAATTTTTGTATTTTTAGTAGAGACAGGGTTTCACCATATTGGCCAGGCTGGTCTCGAACTCCTGACCTTGTGATCTGCCCACCTCAGCCTCCCAAAGTCCTGGGATTACAGGCGTGAGCCACCGTGCCCAGCCTGACCCCTCTGCCCTTTCAAAAACTATGTTCGTTCTCTCACAGCCTTCTCTTGTCATATTAAGTCCACACCGCAGGCCTAATTTGTCCAGTGAATGCTATGCAAATATTTCATGCACCTGCTGATCGCAGGAATGATATGTACTTGGTACGCACTGATCGTACCTCGGGGTGGGAGAAGAGAGGGCAAGGAAGCAAAGAATAGCCCCCTCCTTTCCTGGTGCACCTTCAGATGTGCCGATGGGGCCCAGGCTCGCTGCAGATGGCCCCCTTCCCAGAGACAGGGGAGGATCCTCCACCCACTCCCCAGCCTCCAGGACCATCCTGACTCCTGCCTTCAGGCACTCAAGTTATGCGTCTAGACATGCGGATATATTCAAGCTGGGCACAGCACAGCAGCCCCACCCCAGGCAGCTTGAAATCAGAGCTGGGGTCCAAAGGGACCACACCCCGAGGGACTGTGTGGGGGTCGGGGCACACAGGCCACTGCTTCCCCCCGTCTTTCTCAGCCATTCCTGAAGTCAGCCTCACTCTGCTTCTCAGGGATTTCAAATGTGCAGAGACTCTGGCACTTTTGTAGAAGCCCCTTCTGGTCCTAACTTACACCTGGATGCTGTGGGGCTGCAGCTGCTGCTCGGGCTCGGGAGGATGCTGGGGGCCCGGTGCCCATGAGCTTTTGAAGCTCCTGGAACTCGGTTTTGAGGGTGTTCAGGTCCAGGTGGACACCTGGGCTGTCCTTGTCCATGCATTTGATGACATTGTGTGCAGAAGTGAAAAGGAGTTAGGCCGGGCATGCTGGCTTATGCCTGTAATCCCAGCACTTTGGGAGGCTGAGGCGGGTGGATCACGAGGTCAGGAGTTCAATACCAGCCTGGCCAAGATGGTGAAACCCCGTCTCTACTAAAAATACAAAAAAATTAGCCGGGCATGGTGGCGGGCGCATGTAATCCCAGCTACTGGGGGGGCTGAGGCAGAGAATTGCTGGAACCCAGGAGATGGAGGTTGCAGTGAGCCAAGATTGTGCCACTGCACTGCACTCCAGCCTGGCGACAGAGCAAGACTCTGTCTCAAAAAAAAAAAAAAAAAGTGAAAAGGAGTTGTTCCTTTCCTCCCTCCTGAGGGCAGGCAACTGCTGCGGTTGCCAGTGGAGGTGGTGCGTCCTTGGTCTGTGCCTGGGGGCCACCCCAGCAGAGGCCATGGTGGTGCCAGGGCCCGGTTAGCGAGCCAATCAGCAGGACCCAGGGGCGACCTGCCAAAGTCAACTGGATTTGATAACTGCAGCGAAGTTAAGTTTCCTGATTTTGATGATTGTGTTGTGGTTGTGTAAGAGAATGAAGTATTTCGGGGTAGTATGGTAATGCCTTCAACTTACAAACGGTTCAGGTAAACCACCCATATACATACATATACATGCATGTGATATATACACATACAGGGATGTGTGTGTGTTCACATATATGAGGGGAGAGAGACTAGGGGAGAGAAAGTAGGTTGGGGAGAGGGAGAGAGAAAGGAAAACAGGAGACAGAGAGAGAGCGGGGAGTAGAGAGAGGGAAGGGGTAAGAGAGGGAGAGGAGGAGAGAAAGGGAGGAAGAAGCAGAGAGTGAATGTTAAAGGAAACAGGCAAAACATAAACAGAAAATCTGGGTGAAGGGTATATGAGTATTCTTTGTACTATTCTTGCAATTATCTTTTATTTAAATTGACATCGGGCCGGGCGCAGTGGCTCACATCTGTAATCCCAGCACTTTGGGAGGCCGAGGCAGGCAGATCACTTGAGGTCAGGAGTTTGAGACCAGCCTGGCAAACATGGTGAAACCCCATCTCTACTAAAAATACAAAAATTAGCCTGGTGTGGTGGTGCATGCCTTTAATCTCAGCTACTCGGGAGGCTGAGGCAGGAGAATCGCTTGAACCCGTGGCGGGGAGGAGGTTGCAGTGAGCTGAGATCATGCCACTGCACTCCAGCCTGGGCGATAGAGCGAGACTCAGTTTCAAATAAATAAATAAACATCAAAATAAAAAGTTACTGTATTAAAGAATGGGGGCGGGGTGGGAGGGGTGGGGAGAGGTTGCAAAAATAAATAAATAAATAAATAAACCCCAAAATGAAAAAGACAGTGGAGGCACCAGGCCTGCGTGGGGCTGGAGGGCTAATAAGGCCAGGCCTCTTATCTCTGGCCATAGAACCAGAGAAGTGAGTGGATGTGATGCCCAGCTCCAGAAGTGACTCCAGAACACCCTGTTCCAAAGCAGAGGACACACTGATTTTTTTTTTAATAGGCTGCAGGACTTACTGTTGGTGGGACGCCCTGCTTTGCGAAGGGAAAGGAGGAGTTTGCCCTGAGCACAGGCCCCCACCCTCCACTGGGCTTTCCCCAGCTCCCTTGTCTTCTTATCACGGTAGTGGCCCAGTCCCTGGCCCCTGACTCCAGAAGGTGGCCCTCCTGGAAACCCAGGTCGTGCAGTCAACGATGTACTCGCCGGGACAGCGATGTCTGCTGCACTCCATCCCTCCCCTGTTCATTTGTCCTTCATGCCCGTCTGGAGTAGATGCTTTTTGCAGAGGTGGCACCCTGTAAAGCTCTCCTGTCTGACTTTTTTTTTTTTTTTAGACTGAGTTTTGCTCTTGTTGCCTAGGCTGGAGTGCAATGGCACAATCTCAGCTCACTGCACCCTCTGCCTCCCGGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCGAGTAGTTGGGATTACAGGCATGCACCACCACGCCCAGCTAATTTTTGTATTTTTAGTAGAGACAAGGTTTCACCGTGATGGCCAGGCTGGTCTTGAACTCCAGGACTCAAGTGATGCTCCTGCCTAGGCCTCTCAAAGTGTTGGGATTACAGGCGTGAGCCACTGCACCCGGCCTGCACGCGTTCTTTGAAAGCAGTCGAGGGGGCGCTAGGTGTGGGCAGGGACGAGCTGGCGCGGCGTCGCTGGGTGCACCGCGACCACGGGCAGAGCCACGCGGCGGGAGGACTACAACTCCCGGCACACCCCGCGCCGCCCCGCCTCTACTCCCAGAAGGCCGCGGGGGGTGGACCGCCTAAGAGGGCGTGCGCTCCCGACATGCCCCGCGGCGCGCCATTAACCGCCAGATTTGAATCGCGGGACCCGTTGGCAGAGGTGGCGGCGGCGGCATGGGTGCCCCGACGTTGCCCCCTGCCTGGCAGCCCTTTCTCAAGGACCACCGCATCTCTACATTCAAGAACTGGCCCTTCTTGGAGGGCTGCGCCTGCACCCCGGAGCGGGTGAGACTGCCCGGCCTCCTGGGGTCCCCCACGCCCGCCTTGCCCTGTCCCTAGCGAGGCCACTGTGACTGGGCCTCGGGGGTACAAGCCGCCCTCCCCTCCCCGTCCTGTCCCCAGCGAGGCCACTGTGGCTGGGCCCCTTGGGTCCAGGCCGGCCTCCCCTCCCTGCTTTGTCCCCATCGAGGCCTTTGTGGCTGGGCCTCGGGGTTCCGGGCTGCCACGTCCACTCACGAGCTGTGCTGTCCCTTGCAGATGGCCGAGGCTGGCTTCATCCACTGCCCCACTGAGAACGAGCCAGACTTGGCCCAGTGTTTCTTCTGCTTCAAGGAGCTGGAAGGCTGGGAGCCAGATGACGACCCCATGTAAGTCTTCTCTGGCCAGCCTCGATGGGCTTTGT…