GAS binding site

ACTTCTGGGCGGGGAGGCTTTCTGGACAGTCAGACGTGGATTACGGAGGGGGCGTGGCTTCGGAGGGGCGGAGCTTCAACAAATTCGAATCGTTCTTTGAAGAGCAGGGTTTTGCCCTTTTGGGAGATAGGCCTTTTGACAGGAGTTAGCCGAGGATCGTTGCTAGGAGGCGGAGTTTCGGAGAATGGAAGGAGTAACGAAGGGTTTCTCGTAGTAGGGCTTGGAACGTGTCGGGGGGTGGGGACTTCCAGAAAAACTGGGCGACAGGGTGGGGTCGGAGACAAAAAATAAAAATCAAGTCGGGGTTCGGGGGAGCCCCCTGAAGTTGGGAGGTGGGACTTCCGGGGAGAGGGGTCTCAGGGGCGGGACTTATAAATGAAGACCGGAAGTGGGGTCCCGGGAGAGGGGTTCCGGGGTGAAAGAGTGAGTC

GAS mutation

ACTTCTGGGCGGGGAGGCTTTCTGGACAGTCAGACGTGGATTACGGAGGGGGCGTGGCTTCGGAGGGGCGGAGCTTCAACAAATTCGAATCGAAGAAACTTGAGCAGGGTTTTGCCCTTTTGGGAGATAGGCCTTTTGACAGGAGTTAGCCGAGGATCGTTGCTAGGAGGCGGAGTTTCGGAGAATGGAAGGAGTAACGAAGGGTTTCTCGTAGTAGGGCTTGGAACGTGTCGGGGGGTGGGGACTTCCAGAAAAACTGGGCGACAGGGTGGGGTCGGAGACAAAAAATAAAAATCAAGTCGGGGTTCGGGGGAGCCCCCTGAAGTTGGGAGGTGGGACTTCCGGGGAGAGGGGTCTCAGGGGCGGGACTTATAAATGAAGACCGGAAGTGGGGTCCCGGGAGAGGGGTTCCGGGGTGAAAGAGTGAGTC