Yellow: repressor domain of *Drosophila* Engrailed

Magenta: *Halocynthia* tubulin UTRs

Gray: Ci-GATAa DNA binding domain(a.a.303-422)
plus stop codon(underlined)

AATTTCACACAGGAAACAGCTATGACCATGATTACGCCAAGCGCGCAATTAACCCTCACTAAAGGGAACAAAAGCTGGAGCTCCACCAATTCGGCAGAGTTAAGACCAGATTCTTAGTTTTAGTTGAAGTGACTGGACGCGTACTGTCTGTGTCCGGCTTTTTTCTTTATCTCACAGCCAAATCACTAAATATCACCGGATCCCATGGCCCTGGAGGATCGCTGCAGCCCACAGTCAGCGCCCAGCCCCATTACCCTACAAATGCAGCATCTTCACCACCAGCAACAGCAGCAGCAGCAACAGCAGCAGCAAATGCAGCACCTCCACCAGCTGCAGCAACTGCAGCAGTTGCACCAACAGCAACTGGCCGCCGGTGTCTTCCACCATCCGGCAATGGCCTTCGATGCCGCTGCAGCCGCCGCTGCTGCAGCTGCTGCTGCGGCCGCCCACGCTCATGCTGCTGCACTGCAGCAGCGCCTCAGTGGCAGTGGATCGCCCGCATCCTGCTCCACGCCCGCCTCGTCCACGCCGCTGACCATCAAGGAGGAGGAAAGCGACTCCGTGATCGGTGACATGAGTTTCCACAATCAGACGCACACCACCAACGAGGAGGAGGAGGCGGAGGAGGATGACGACATTGATGTGGATGTGGATGATACGTCGGCGGGCGGACGCCTGCCACCACCCGCCCACCAGCAGCAGTCGACGGCCAAGCCCTCGCTGGCCTTTTCCATCTCCAACATCCTGAGCGATCGTTTCGGAGATGTCCAGAAGCCTGGCAAGTCGATTGAGAACCAGGCCAGCATATTCCGCCCCTTCGAGGCGAATCGCTCCCAGACTGCCACGCCCTCCGCCTTTACAAGAGTGGATCTGCTGGAGTTTAGCCGGCAACAGCAAGCTGCCGCCGCAGCCGCTACTGCGGCCATGATGCTGGAACGGGCCAACTTCCTTAACTGCTTCAATCCGGCTGCCTATCCCAGGATACACGAGGAAATCGTGCAGAGTCGCCTGCGCAGGAGTGCAGCCAATGCCGTCATCCCGCCGCCCATGAGCTCCAAGATGAGCGATGCCAATCCAGAGAAATCTGCTCTGGGTTCGGTACCAGAACCACGTGAGTGCGTGAACTGTGGCGCCATCTCGGCCACGTCGTGGCGCCGAGACGCCTCAGGACACTTTCTGTGCAGCACGTGTGGCGCGTGTAGGAGTGGTAGCTATATGCGGGCACCTGTCAAGTCTAAAGGAAAACTGGCAACATGTAGACGACAAGTATGTTCCAACTGTAGCACAACCGTTACAACATTGTGGCGTAGAAGTCCGGACGGAAACCCGGTGTGTAACGCGTGTGGTCTCTACCAGAAGTTACACGGGGTTCCTCGACCAAGAACAATGAAGAAAGACAGTATCCAAACTCGTAAGCGGAAACCTAAAGGTCAGGGCAAAGTAAAAGGTCAGAAACAACGAAAATGAGAATTCGATATCTAACCGACTCCACTCCCACACAATTAAGACAATGCTTGGTGATTTGGACTTTTGGCTAAATTATATAATAAAAATTTGAAAAGGTTGATATAATAAACTAATTTGAAAAGCTAAAAAAAAAAAAAAAAAACTCGAGGGGGGGCCCGGTACCCAATTCGCCCTATAGTGAGTCGTATTACGCGCGCTCACTGGCCGTCGTTTTACAACGTCGTGACTGGGAAAACCCTGGCGTTACCCAACTTAATCGCCTTGCAGCACATCCCCCTTTCGCCAGCTGGCGTAATAGCGAAGAGGCCCGCACCGATCGCCCTTCCCAACAGTTGCGCAGCCTGAATGGCGAATGGGACGCGCCCTGTAGCGGCGCATTAAGCGCGGCGGGTGTGGTGGTTACGCGCAGCGTGACCGCTACACTTGCCAGCGCCCTAGCGCCCGCTCCTTTCGCTTTCTTCCCTTCCTTTCTCGCCACGTTCGCCGGCTTTCCCCGTCAAGCTCTAAATCGGGGGCTCCCTTTAGGGTTCCGATTTAGTGCTTTACGGCACCTCGACCCCAAAAAACTTGATTAGGGTGATGGTTCACGTAGTGGGCCATCGCCCTGATAGACGGTTTTTCGCCCTTTGACGTTGGAGTCCACGTTCTTTAATAGTGGACTCTTGTTCCAAACTGGAACAACACTCAACCCTATCTCGGTCTATTCTTTTGATTTATAAGGGATTTTGCCGATTTCGGCCTATTGGTTAAAAAATGAGCTGATTTAACAAAAATTTAACGCGAATTTTAACAAAATATTAACGCTTACAATTTAGGTGGCACTTTTCGGGGAAATGTGCGCGGAACCCCTATTTGTTTATTTTTCTAAATACATTCAAATATGTATCCGCTCATGAGACAATAACCCTGATAAATGCTTCAATAATATTGAAAAAGGAAGAGTATGAGTATTCAACATTTCCGTGTCGCCCTTATTCCCTTTTTTGCGGCATTTTGCCTTCCTGTTTTTGCTCACCCAGAAACGCTGGTGAAAGTAAAAGATGCTGAAGATCAGTTGGGTGCACGAGTGGGTTACATCGAACTGGATCTCAACAGCGGTAAGATCCTTGAGAGTTTTCGCCCCGAAGAACGTTTTCCAATGATGAGCACTTTTAAAGTTCTGCTATGTGGCGCGGTATTATCCCGTATTGACGCCGGGCAAGAGCAACTCGGTCGCCGCATACACTATTCTCAGAATGACTTGGTTGAGTACTCACCAGTCACAGAAAAGCATCTTACGGATGGCATGACAGTAAGAGAATTATGCAGTGCTGCCATAACCATGAGTGATAACACTGCGGCCAACTTACTTCTGACAACGATCGGAGGACCGAAGGAGCTAACCGCTTTTTTGCACAACATGGGGGATCATGTAACTCGCCTTGATCGTTGGGAACCGGAGCTGAATGAAGCCATACCAAACGACGAGCGTGACACCACGATGCCTGTAGCAATGGCAACAACGTTGCGCAAACTATTAACTGGCGAACTACTTACTCTAGCTTCCCGGCAACAATTAATAGACTGGATGGAGGCGGATAAAGTTGCAGGACCACTTCTGCGCTCGGCCCTTCCGGCTGGCTGGTTTATTGCTGATAAATCTGGAGCCGGTGAGCGTGGGTCTCGCGGTATCATTGCAGCACTGGGGCCAGATGGTAAGCCCTCCCGTATCGTAGTTATCTACACGACGGGGAGTCAGGCAACTATGGATGAACGAAATAGACAGATCGCTGAGATAGGTGCCTCACTGATTAAGCATTGGTAACTGTCAGACCAAGTTTACTCATATATACTTTAGATTGATTTAAAACTTCATTTTTAATTTAAAAGGATCTAGGTGAAGATCCTTTTTGATAATCTCATGACCAAAATCCCTTAACGTGAGTTTTCGTTCCACTGAGCGTCAGACCCCGTAGAAAAGATCAAAGGATCTTCTTGAGATCCTTTTTTTCTGCGCGTAATCTGCTGCTTGCAAACAAAAAAACCACCGCTACCAGCGGTGGTTTGTTTGCCGGATCAAGAGCTACCAACTCTTTTTCCGAAGGTAACTGGCTTCAGCAGAGCGCAGATACCAAATACTGTCCTTCTAGTGTAGCCGTAGTTAGGCCACCACTTCAAGAACTCTGTAGCACCGCCTACATACCTCGCTCTGCTAATCCTGTTACCAGTGGCTGCTGCCAGTGGCGATAAGTCGTGTCTTACCGGGTTGGACTCAAGACGATAGTTACCGGATAAGGCGCAGCGGTCGGGCTGAACGGGGGGTTCGTGCACACAGCCCAGCTTGGAGCGAACGACCTACACCGAACTGAGATACCTACAGCGTGAGCTATGAGAAAGCGCCACGCTTCCCGAAGGGAGAAAGGCGGACAGGTATCCGGTAAGCGGCAGGGTCGGAACAGGAGAGCGCACGAGGGAGCTTCCAGGGGGAAACGCCTGGTATCTTTATAGTCCTGTCGGGTTTCGCCACCTCTGACTTGAGCGTCGATTTTTGTGATGCTCGTCAGGGGGGCGGAGCCTATGGAAAAACGCCAGCAACGCGGCCTTTTTACGGTTCCTGGCCTTTTGCTGGCCTTTTGCTCACATGTTCTTTCCTGCGTTATCCCCTGATTCTGTGGATAACCGTATTACCGCCTTTGAGTGAGCTGATACCGCTCGCCGCAGCCGAACGACCGAGCGCAGCGAGTCAGTGAGCGAGGAAGCGGAAGAGCGCCCAATACGCAAACCGCCTCTCCCCGCGCGTTGGCCGATTCATTAATGCAGCTGGCACGACAGGTTTCCCGACTGGAAAGCGGGCAGTGAGCGCAACGCAATTAATGTGAGTTAGCTCACTCATTAGGCACCCCAGGCTTTACACTTTATGCTTCCGGCTCGTATGTTGTGTGGAATTGTGAGCGGATAAC