080418 Results of JDP and DnaK plasmid sequencing

DnaJC7

T7 Forward:

NNNNNNNNNNNNNNTNNCCCNNCTAGNNATAATTTTNTTTAACTTTAAGAAGGAGATATACATATGCACCATCATCATCATCATTCTTCTGGTGTAGATCTGGGTACCGAGAACCTGTACTTCCAATCCAATGCTATGGCGGCGACCGAGCCGGAGCTGCTCGACGACCAAGAGGCGAAGAGGGAAGCAGAGACTTTCAAGGAACAAGGAAATGCATACTATGCCAAGAAAGATTACAATGAAGCTTATAATTATTATACAAAAGCCATAGATATGTGTCCTAAAAATGCTAGCTATTATGGTAATCGAGCAGCCACCTTGATGATGCTTGGAAGGTTCCGGGAAGCTCTTGGAGATGCACAACAGTCAGTGAGGTTGGATGACAGTTTTGTCCGGGGACATCTACGAGAGGGCAAGTGCCACCTCTCTCTGGGGAATGCCATGGCAGCATGTCGCAGCTTCCAGAGAGCCCTAGAACTGGATCATAAAAATGCTCAGGCACAACAAGAGTTCAAGAATGCTAATGCAGTCATGGAATATGAGAAAATAGCAGAAACAGATTTTGAGAAGCGAGATTTTCGGAAGGTTGTTTTCTGCATGGACCGTGCCCTAGAATTTGCCCCTGCCTGCCATCGCTTCAAAATCCTCAAGGCAGAATGTTTAGCAATGCTGGGTCGTTATCCAGAAGCACAGTCTGTGGCTAGTGACATTCTACGAATGGATTCCACCAATGCAGATGCTCTGTATGTACGAGGTCTTTGCCTTTATTACGAAGATTGTATTGAGAAGGCAGTTCAGTTTTTCGTACAGGCTCTCANGATGGCTCCTGACCACGAGAANGNCTGCATTGCCTGCAGAAATGNCCAAAGCACTCAAAGCAAAGAAANAANATGGGAATAAAGCATTTNAAGGAAGGAAATTACAAACTAGCATATGAACTGTACACAGAAGCNCTGGGGANAGACCTCNACAATATAAAANNAATGCTAAACTCTACTGTAATCGGGGTANGGTTANTTCCAAGCTNNNAACTAGATGATGNCATANANACTGCACNAATGCNGTGAAGCTTGATGNNNNTTNNNTAAAANCNACTGANANNANNNNNNNNNNNCNNNGNNNNNNNANNNNNTGNNNNNNTNCNNNNNCTNTNAAANNNNNNNAANNNANANNANAANNNNNNNTCNTAAAANNNCNNNNTNNNCNNNNNNNNNNNNNNNNNNNNNNNANNNNGNNNNNNNNANNGCNNNNNGNNGNANNATNNNNNNNNNNNNNTTCNNN

Newly designed middle primer:

NNNNNNNNNNNGNNGGNCGTGCCTAGATTTGCCCCTGCCTGCCATCGCTTCAAAATCCTCAAGGCAGAATGTTTAGCAATGCTGGGTCGTTATCCAGAAGCACAGTCTGTGGCTAGTGACATTCTACGAATGGATTCCACCAATGCAGATGCTCTGTATGTACGAGGTCTTTGCCTTTATTACGAAGATTGTATTGAGAAGGCAGTTCAGTTTTTCGTACAGGCTCTCAGGATGGCTCCTGACCACGAGAAGGCCTGCATTGCCTGCAGAAATGCCAAAGCACTCAAAGCAAAGAAAGAAGATGGGAATAAAGCATTTAAGGAAGGAAATTACAAACTAGCATATGAACTGTACACAGAAGCCCTGGGGATAGACCCCAACAATATAAAAACAAATGCTAAACTCTACTGTAATCGGGGTACGGTTAATTCCAAGCTTAGGAAACTAGATGATGCAATAGAAGACTGCACAAATGCAGTGAAGCTTGATGACACTTACATAAAAGCCTACTTGAGAAGAGCTCAGTGTTACATGGACACAGAACAGTATGAAGAAGCAGTACGAGACTATGAAAAAGTATACCAGACAGAGAAAACAAAAGAACACAAACAGCTCCTAAAAAATGCGCAGCTGGAACTGAAGAAGAGTAAGAGGAAAGATTACTACAAGATTCTAGGAGTGGACAAGAATGCCTCTGAGGACGAGATCAAGAAAGCTTATCGGAAACGGGCCTTGATGCACCATCCAGATCGGCATAGTGGAGCCAGTGCTGAGGTTCAGAAGGAGGAGGAGAAGAAGTTCAAGGAAGTTGGAGAGGCCTTTACTATCCTCTCTGATCCCAAGAAAAAGACTCGCTATGACAGTGGACAGGACCTAGATGAGGAGGGCATGAATATGGGTGATTTTGATCCAAACAATATCTTCAAGGCATTCTTTGGCGGTCCTGGCGGCTTCAGCTTTGAAGCATCTGGTCCAGGGAATTTCTTTTTTCAATTTGGCTAACATTGGNAGTGGNTNACGGNATCCGAATTCGAGCTNCGTCGANAGCTTGNNNNCACTCGAGCACNCNCNCNCNCTGANATNNNTGCTANNAAGCCNGAAAGNNCTGNNNNNNTGCNNCNNCGCTGANCATANTANCNNNACNNNNNNNCNNNNNNNNNNGAGNNNTTTGCNNAAGNNANTNNNCGNNNNNNNNNNNNNCNNNNNCGNNNNNNNNNNNNNNNGNNNNNNNNNNNN

T7 Reverse:

NNNNNNNNNNNNCNTNNTCNNNGNAANNNCNNNNNGNNNNNNNNNNNNNNNNNNNNNNNNNATNNNNNNNNTCNNNNNNNNNNNNNNCANNANGCTANGCNGTCNNGNNNNNNNAANNNCNNNANNNNNTNNNNANCGANNTTNNNNNGTTTNNGCANGNCCGNNCCNNNNTTNCCCNNCNNCNTCGCTTCAAANNNNCANNNAGNATGTTNGCAATGCTGGGTNGTNTCCAGAAGCNCAGTCNGNGGCTAGTGNCATTNTACGAATGGATTCCACCAATGCAGATGCTCNGTATGTACGAGNTNTTTGCCTTTATTACGAAGATTGTATTGAGAAGGCAGTTCAGTTTTTNGTACAGGCTCTCAGGATGGCTCCTGACCACGAGAAGGCCTGCATTGCCTGCAGAAATGCCAAAGCACTCAAAGCAAAGAAAGAAGATGGGAATAAAGCATTTAAGGAAGGAAATTACAAACTAGCATATGAACTGTACACAGAAGCNCTGGGGATAGACCCCAACAATATAAAAACAAATGCTAAACTCTACTGTAATCGGGGTACGGTTAATTCCAAGCTTAGGAAACTAGATGATGCAATAGAAGACTGCACAAATGCAGTGAAGCTTGATGACACTTACATAAAAGCCTACTTGAGAAGAGCTCAGTGTTACATGGACACAGAACAGTATGAAGAAGCAGTACGAGACTATGAAAAAGTATACCAGACAGAGAAAACAAAAGAACACAAACAGCTCCTAAAAAATGCGCAGCTGGAACTGAAGAAGAGTAAGAGGAAAGATTACTACAAGATTCTAGGAGTGGACAAGAATGCCTCTGAGGACGAGATCAAGAAAGCTTATCGGAAACGGGCCTTGATGCACCATCCAGATCGGCATAGTGGAGCCAGTGCTGAGGTTCAGAAGGAGGAGGAGAAGAAGTTCAAGGAAGTTGGAGAGGCCTTTACTATCCTCTCTGATCCCAAGAAAAAGACTCGCTATGACAGTGGACAGGACCTAGATGAGGAGGGCATGAATATGGGTGATTTTGATCCAAACAATATCTTCAAGGCATTCTTTGGCGGTCCTGGCGGCTTCAGCTTTGAAGCATCTGGTCCAGGGAATTTCTTTTTTCAATTTGGCTAACATTGGAAGTGGATAACGGATCCGAATTCGAGCTCCGTCGACAAGCTTGCGGCCGCACTCGAGCACCACCACCACCACCACTGAGATCCGGCTGCTAACAAAGCNCGAAANNNNNNNNNNN

* Made a new plasmid map
* Aligns with DJC7 fasta sequence from Sue Ann’s file
* Blast aligns with uniprot sequence, except that the first 10 aa of the uniprot sequence are missing from this construct