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Nucleotide sequence of rye chloroplast DNA fragment, comprising *psbD, psbC* and *trnS* genes

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Here we present the nucleotide sequence of rye chloroplast DNA fragment, comprising two genes *psbD* and *psbC* that code for 34 kD D2 and 43 kD Chl *a*-binding polypeptides of Photosystem II, respectively, and *trnS*(UGA) gene. The first two genes have 50 bp region of overlap, their start and stop codons and potential ribosome-binding sites are underlined. The *trnS* gene resides on the opposite strand, its first and last nucleotides are underlined.

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GAATTCAAAGGTTTATTTCT TTCTATAGTATAAGAAAGAA CAAAAATTTATTTCTATTTC TATAGTATAAGAAAAACAAA TAGTATAAGAAAAACAAATC 100
GAATCAAATTCATGGATTTA CCACGACCTCGATTGTGACT CCATAGATAAAAATAGGAAA TTTCTCTCTTCGAGACCATT GAAAAAGGGCATTGAACGAG 200
AAAGAAATCGTCCACAGATA ATAAAACTATCATATGCCTT GGAAAGTGATATGAGGTGCT CGGAAATGGTTGAAGTAATT GAATAGGAGGATCACTATGA 300
CTATAGCCCTTGGTAGAATT CCTAAAGAAGAAAATGATCT ATTTGATACTATGGATGACT GGTTACGAAGGGACCGTTTC GTTTTTGTAGGATGGTCTGG 400
CCTATTGCTCTTTCCTTGTG CTTATTTCGCTTTAGGGGGT TGGTTTACAGGGACAACTTT TGTAACTTCTTGGTATACCC ATGGATTGGCTAGTTCCTAT 500
TTGGAAGGTTGTAATTTCTT AACCGCAGCAGTTTCTACCC CTGCCAATAGTTTAGCACAC TCTTTGTTGCTACTATGGGG GCCCGAAGCACAAGGAGATT 600
TTACTCGTTGGTGTCAATTA GGCGGTCTATGGACTTTTGT AGCTCTCCACGGGGCTTTTG CACTAATAGGTTTCATGTTA CGCCAATTTGAACTTGCTCG 700
ATCTGTTCAATTGCGGCCTT ATAATGCAATCTCATTCTCT GGTCCAATTGCTGTTTTTGT TTCTGTATTCCTTATTTATC CACTGGGGCAATCTGGTTGG 800
TTCTTTGCGCCGAGTTTTGG CGTAGCAGCGATATTTCGAT TCATCCTTTTCTTCCAAGGA TTTCATAATTGGACGTTGAA CCCATTTCATATGATGGGAG 900
TTGCCGGAGTATTAGGTGCA GCTCTGCTATGCGCTATTCA TGGAGCGACCGTAGAAAACA CTCTATTTGAGGACGGTGAT GGTGCAAATACCTTCCGTGC 1000
TTTTAACCCAACTCAAGCTG AAGAAACTTATTCAATGGTC ACTGCTAACCGCTTTTGGTC CCAAATCTTTGGTGTTGCTT TTTCCAATAAACGTTGGTTA 1100
CATTTCTTTATGCTATTTGT ACCCGTCACCGGTTTATGGA TGAGTGCTATTGGCGTAGTT GGCTTGGCTCTGAACTTACG TGCCTATGACTTTGTTTCCC 1200
AGGAAATCCGTGCAGCGGAA GATCCTGAATTTGAGACTTT CTACACCAAAAATATTCTTT TAAACGAGGGTATTCGTGCG TGGATGGCAGCTCAGGATCA 1300
GCCTCATGAAAATCTTATAT TCCCTGAGGAGGTTCTACCA CGTGGAAACGCTCTTTAATG GAACTTTCGTTTTAGCTGGT CGTGACCAAGAAACCACCGG 1400
CTTTGCTTGGTGGGCTGGGA ATGCCAGACTTATCAATTTG TCCGGTAAACTACTTGGAGC TCATGTAGCCCATGCCGGAT TAATCGTATTCTGGGCCGGA 1500
GCAATGAACCTATTTGAAGT GGCCCATTTCGTACCAGAAA AGCCCATGTATGAACAAGGG TTGATTTTACTTCCACACTT AGCTACTCTAGGTTGGGGAG 1600
TAGGGCCAGGGGGGGAAGTT CTAGATACTTTTCCATACTT TGTATCTGGCGTACTTCACC TAATTTCCTCCGCAGTCTTA GGCTTCGGTGGCATTTATCA 1700
CGCCCTTCTGGGACCCGAGA CTCTTGAGGAATCGTTTCCA TTCTTTGGTTATGTCTGGAA AGATCGAAATAAAATGACTA CAATTTTGGGTATTCACTTA 1800
ATTTTGTTAGGTCTAGGTGC TTTTCTTCTAGTACTCAAGG CTCTTTATTTTGGCGGTGTA TATGATACCTGGGCCCCTGG GGGGGGAGATGTAAGAAAAA 1900
TTACCAATTTGACCCTTAGT CCCAGTGTTATATTTGGTTA TTTACTAAAATCTCCTTTTG GTGGAGAAGGGTGGATTGTT AGTGTAGATGATTTAGAAGA 2000
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CCCTCGATAGTTCCTAGAAC TATACCGGTTTTCAAGACCG GAGCTATCAACCACTCAGCC ATCTCTCCACAGCCTAATCC TTATTTTACTCC 2992
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