

[0281]

SEQUENCE LISTING

The patent application contains a lengthy "Sequence Listing" section. A copy of the "Sequence Listing" is available in electronic form from the USPTO web site (<http://seqdata.uspto.gov/?pageRequest=docDetail&DocID=US20070178451A1>). An electronic copy of the "Sequence Listing" will also be available from the USPTO upon request and payment of the fee set forth in 37 CFR 1.19(b)(3).

1. An isolated nucleic acid molecule comprising a nucleotide sequence of SEQ ID NO: 2 or complement thereof.

2. The isolated nucleic acid molecule of claim 1, wherein said isolated nucleic acid molecule encodes a *Chlorella sarokiniana* protein.

3. The isolated nucleic acid molecule of claim 2, wherein said *Chlorella sarokiniana* protein is a homologue of a 60S Ribosomal protein.

4. The isolated nucleic acid molecule of claim 3, wherein said isolated nucleic acid molecule a nucleotide sequence of SEQ ID: 2.

5. (canceled)

6. A transformed cell having an exogenous nucleic acid molecule which comprises:

(A) an exogenous promoter region which functions in said cell to cause the production of a mRNA molecule; which is operably linked to

(B) a structural nucleic acid molecule, wherein said structural nucleic acid molecule comprises a nucleic acid sequence of SEQ ID NO: 2 or complement thereof; which is operably linked to

(C) a 3' non-translated sequence that functions in said cell to cause termination of transcription and addition of polyadenylated ribonucleotides to a 3' end of said mRNA molecule.

7. The transformed cell according to claim 6, wherein said cell is selected from the group consisting of an algal cell, a plant cell, a mammalian cell, a bacterial cell, a fungal cell and an insect cell.

8. The transformed cell according to claim 7, wherein said cell is an algal cell.

9. The transformed cell according to claim 8, wherein said cell is a *Chlorella sarokiniana* cell.

10. The transformed cell according to claim 7, wherein said cell is a plant cell.

11. A substantially purified nucleic acid molecule consisting of a nucleic acid sequence of SEQ ID NO: 2 or complement thereof.

12. A substantially purified nucleic acid molecule comprising a nucleic acid sequence having between 100% and 90% sequence identity with a nucleic acid sequence of SEQ ID NO: 2 or complement thereof.

13. The substantially purified nucleic acid molecule of claim 12, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 95% sequence identity with a nucleic acid sequence of SEQ ID NO: 2 or complement thereof.

14. The substantially purified nucleic acid molecule of claim 13, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 98% sequence identity with a nucleic acid sequence of SEQ ID NO: 2 or complement thereof.

15. The substantially purified nucleic acid molecule of claim 14, wherein said nucleic acid molecule comprises a nucleic acid sequence having between 100% and 99% sequence identity with a nucleic acid sequence of SEQ ID NO: 2 or complement thereof.

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