

Application No. U.S. 60/126,510 filed on 1999-03-26, 60/177,050 filed on 2000-01-20, Application No. U.S.
 Application No. U.S. 60/174,850 filed on 2000-01-07, 60/128,701 filed on 1999-04-09, Application No. U.S.
 Application No. U.S. 60/138,573 filed on 1999-06-11, 60/177,166 filed on 2000-01-20, Application No. U.S.
 Application No. U.S. 60/174,851 filed on 2000-01-07, 60/128,700 filed on 1999-04-09, Application No. U.S.
 Application No. U.S. 60/126,508 filed on 1999-03-26, 60/176,930 filed on 2000-01-20, Application No. U.S.
 Application No. U.S. 60/174,871 filed on 2000-01-07, 60/128,694 filed on 1999-04-09, Application No. U.S.
 Application No. U.S. 60/126,507 filed on 1999-03-26, 60/176,931 filed on 2000-01-20, Application No. U.S.
 Application No. U.S. 60/174,872 filed on 2000-01-07, 60/128,702 filed on 1999-04-09, Application No. U.S.
 Application No. U.S. 60/126,597 filed on 1999-03-26, 60/177,049 filed on 2000-01-20, Application No. U.S.
 Application No. U.S. 60/174,877 filed on 2000-01-07, 60/138,629 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/126,601 filed on 1999-03-26, 60/138,628 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/154,373 filed on 1999-09-17, 60/138,631 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/176,064 filed on 2000-01-14, 60/138,632 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/126,602 filed on 1999-03-26, 60/138,599 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/176,063 filed on 2000-01-14, 60/138,572 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/128,695 filed on 1999-04-09, 60/138,625 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/176,052 filed on 2000-01-14, 60/138,633 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/128,696 filed on 1999-04-09, 60/138,630 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/176,069 filed on 2000-01-14, 60/138,627 filed on 1999-06-11, Application No. U.S.
 Application No. U.S. 60/128,703 filed on 1999-04-09, 60/155,808 filed on 1999-09-27, Application No. U.S.
 Application No. U.S. 60/176,068 filed on 2000-01-14, 60/155,804 filed on 1999-09-27, Application No. U.S.
 Application No. U.S. 60/128,697 filed on 1999-04-09, 60/155,807 filed on 1999-09-27, Application No. U.S.
 Application No. U.S. 60/176,929 filed on 2000-01-20, Application No. U.S. 60/155,805 filed on 1999-09-27, Application No. U.S.
 Application No. U.S. 60/128,698 filed on 1999-04-09, Application No. U.S. 60/155,806 filed on 1999-09-27, Application No. U.S.
 Application No. U.S. 60/176,926 filed on 2000-01-20, Application No. U.S. 60/201,194 filed on 2000-05-02, Application No. U.S.
 Application No. U.S. 60/128,699 filed on 1999-04-09, Application No. U.S. 60/212,142 filed on 2000-06-16.

LENGTHY TABLE

The patent application contains a lengthy table section. A copy of the table is available in electronic form from the USPTO web site (<http://seqdata.uspto.gov/?pageRequest=docDetail&DocID=US20070042361A1>). An electronic copy of the table will also be available from the USPTO upon request and payment of the fee set forth in 37 CFR 1.19(b)(3).

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=US20070042361A1>). 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).

1-32. (canceled)

33. An isolated nucleic acid molecule comprising a first polynucleotide sequence at least 95% identical to a second polynucleotide sequence selected from the group consisting of:

- (a) a polynucleotide fragment of SEQ ID NO:X as referenced in Table 1A;
- (b) a polynucleotide encoding a full length polypeptide of SEQ ID NO:Y or a full length polypeptide encoded by the cDNA Clone ID in ATCC Deposit No:Z corresponding to SEQ ID NO:Y as referenced in Table 1A;
- (c) a polynucleotide encoding a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by

the cDNA Clone ID in ATCC Deposit No:Z corresponding to SEQ ID NO:Y as referenced in Table 1A;

- (d) a polynucleotide encoding a polypeptide fragment of SEQ ID NO:Y or a polypeptide fragment encoded by the cDNA Clone ID in ATCC Deposit No:Z corresponding to SEQ ID NO:Y as referenced in Table 1A, wherein said fragment has biological activity;
- (e) a polynucleotide encoding a polypeptide domain of SEQ ID NO:Y as referenced in Table 1B;
- (f) a polynucleotide encoding a polypeptide domain of SEQ ID NO:Y as referenced in Table 2;
- (g) a polynucleotide encoding a predicted epitope of SEQ ID NO:Y as referenced in Table 1B; and