FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

wasnington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
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0.5

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

BIOGEN IDEC INC

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(City) (State) (Ambridge MA 02142 Table I - Non-Derivative Securities Acquired, (Month/Day/Year) (Month/Day	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Year) (M	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date (Month/Day/Year) Price 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Instr. 3) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Instr. 3, 4 and 5) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Month/Day/Year) 2. Transaction Date (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 3. Transaction (Disposed Of (D) (Instr. 3, 4 and 5) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 5. Amount of Disposed Of (D) (Instr. 3, 4 and 5) 6. Ownership Form: Direct (D) or Indirect	of Indirect Beneficial Ownership (Instr. 4)		
2. Transaction Date (Month/Day/Year) 3. Transaction Code (Instr. 8) 3. Transaction Disposed Of (D) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) 6. Ownership Form: Direct (D) or Indirect (D) or Indi	of Indirect Beneficial Ownership (Instr. 4)		
Code V Amount (A) or (D) Price Transaction(s) (Instr. 3 and 4) Common Stock, \$0.01 Par Value 07/19/2005 S 3,700 D \$0.8 12,023,846(1) I			
	1,		
Common Stock, \$0.01 Par Value 07/19/2005 s 200 D \$0.8002 12,023,646 ⁽¹⁾ I	by Biogen Idec MA, Inc.		
	by Biogen Idec MA, Inc.		
Common Stock, \$0.01 Par Value 07/19/2005 s 6,100 D \$0.81 12,017,546 ⁽¹⁾ I	by Biogen Idec MA, Inc.		
Common Stock, \$0.01 Par Value 07/19/2005 s 2,000 D \$0.82 12,015,546 ⁽¹⁾ I	by Biogen Idec MA, Inc.		
Common Stock, \$0.01 Par Value 07/20/2005 s 2,500 D \$0.8 12,013,046 ⁽¹⁾ I	by Biogen Idec MA, Inc.		
Common Stock, \$0.01 Par Value 07/20/2005 s 2,500 D \$0.81 12,010,546 ⁽¹⁾ I	by Biogen Idec MA, Inc.		
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)			
1. Title of Derivative Security (Instr. 3) 1. Title of Derivative Security	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
Code V (A) (D) Date Expiration Date Title Shares	1		

(Last)	(First)	(Middle)		
14 CAMBRIDGE CENTER				
(Street) CAMBRIDGE	MA	02142		
(City)	(State)	(Zip)		
1. Name and Address of Reporting Person* <u>BIOGEN IDEC MA INC</u>				
(Last)	(First)	(Middle)		
14 CAMBRIDGE CENTER				
(Street) CAMBRIDGE	MA	02142		
(City)	(State)	(Zip)		

Explanation of Responses:

1. This amendment to the Form 4 originally filed on July 21, 2005 (the "Original Form 4") amends and restates the Original Form 4 in its entirety and is being filed solely to correct the amount of Targeted Genetics Corporation Common stock beneficially owned by the reporting person. The Original Form 4 inadvertently overreported the reporting person's beneficial ownership of Targeted Genetics Corporation common stock by 25,000 shares.

2. Shares are owned indirectly by Biogen Idec Inc. and directly by its wholly-owned subsidiary Biogen Idec MA Inc., fka Biogen, Inc.

Remarks:

Raymond G. Arner, Acting

General Counsel, Biogen Idec 07/29/2005

Inc.

Michael F. Phelps, Treasurer, 07/29/2005

Biogen Idec MA, Inc.

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.

 $^{^{\}star}$ If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

^{**} Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).