FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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

Name and Address of Reporting Person* MENDLEIN JOHN						2. Issuer Name and Ticker or Trading Symbol Editas Medicine, Inc. [EDIT]							Relationship eck all applic X Directo	cable)	g Perso	on(s) to Issu 10% Ow		
(Last) (First) (Middle) C/O EDITAS MEDICINE, INC.						3. Date of Earliest Transaction (Month/Day/Year) 02/03/2016							Officer below)	(give title		Other (s below)	pecify	
300 THIRD STREET						4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street) CAMBRIDGE MA 02142					_								X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(S	tate)	(Zip)															
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transa Date (Month/D					ear)	PA. Deemed Execution Date, f any Month/Day/Year		Transaction Disposed Code (Instr. 5)		ties Acquired (A) or d Of (D) (Instr. 3, 4 and		Beneficia Owned F	s ally following	Form:	Direct of Indirect str. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
									Code V	Amount	(A) oi (D)	Price	Reported Transact (Instr. 3	ion(s)				
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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution E if any (Month/Day	Date,	Code (Inst				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares						
Stock Option (right to buy)	\$16	02/03/2016			A		96,153		(1)	02/02/2026	Common Stock	96,153	\$0	96,153	3	D		

Explanation of Responses:

1. This option was granted on February 3, 2016 and is scheduled to vest over three years in equal monthly installments of 1/36th of the shares beginning on February 24, 2016 through January 24, 2019.

/s/ Anthony Joyce, attorney-in**fact**

02/04/2016

** Signature of Reporting Person

Date

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

- * 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).

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.