

REGENXBIO Inc.  
Form 3  
September 25, 2015

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *		2. Date of Event Requiring Statement	3. Issuer Name and Ticker or Trading Symbol	
Â FMR LLC		(Month/Day/Year)	REGENXBIO Inc. [RGNX]	
(Last)	(First)	09/22/2015		
245 SUMMER STREET			4. Relationship of Reporting Person(s) to Issuer	5. If Amendment, Date Original Filed(Month/Day/Year)
(Street)			(Check all applicable)	
BOSTON,Â MAÂ 02210			<input type="checkbox"/> Director	6. Individual or Joint/Group Filing(Check Applicable Line)
(City)	(State)		<input checked="" type="checkbox"/> 10% Owner	<input checked="" type="checkbox"/> Form filed by One Reporting Person
	(Zip)		<input type="checkbox"/> Officer	<input type="checkbox"/> Form filed by More than One Reporting Person
			<input type="checkbox"/> Other (specify below)	
			See Remark 1	

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	1,085,816 <sup>(1)</sup>	I	Beacon Bioventures Fund III Limited Partnership

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

SEC 1473 (7-02)

**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 control number.**

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
		Title			

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Date	Expiration	Amount or	or Indirect
Exercisable	Date	Number of	(I)
		Shares	(Instr. 5)

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
FMR LLC 245 SUMMER STREET BOSTON, MA 02210	^	^ X	^	See Remark 1

## Signatures

Scott C. Goebel, Duly authorized under Powers of Attorney, by and on behalf of FMR LLC and its direct and indirect subsidiaries, Edward C. Johnson 3d and Abigail P. Johnson 09/25/2015

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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).  
 FMR Co., Inc., an indirect wholly-owned subsidiary of FMR LLC and an investment adviser registered under the Investment Advisers Act of 1940, and Pyramis Global Advisors Trust Company, an indirect wholly-owned subsidiary of FMR LLC and a bank as defined in Section 3(a)(6) of the Securities Exchange Act of 1934, are the beneficial owners of 1,629,620 shares, or 6.43%, of Common Stock of REGENXBIO Inc., as a result of acting as investment adviser to various investment companies registered under the Investment Company Act of 1940, institutional accounts and non-U.S. mutual funds. FMR LLC, Edward C. Johnson 3d and Abigail P. Johnson have no pecuniary interest in the 1,629,620 shares of Common Stock and Table 1, Column 2 does not include such shares.

^  
**Remarks:**  
 Remark 1: Edward C. Johnson 3d is a Director and the Chairman of FMR LLC and Abigail P.

Remark 2: Beacon Bioventures Advisors Fund III Limited Partnership is the general partner of Beacon

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.