FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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

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

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Name and Address of Reporting Person* FMR LLC					2. Issuer Name and Ticker or Trading Symbol Blueprint Medicines Corp [BPMC]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title Vother (specify						
(Last) (First) (Middle) 245 SUMMER STREET					3. Date of Earliest Transaction (Month/Day/Year) 11/25/2015								Officer (give title X Other (specify below) See Remark 1					
(Street)	·				4. If Amendment, Date of Original Filed (Month/Day/Year)							Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting						
(City)	(St								Pers									
		Tabl	e I - Non-Deriv	ative Se	curities A	Acqui	red,	Disposed	of, or	Benefic	ially Own	ed						
Da			2. Transactio Date (Month/Day/\)	Execu ear) if any	2A. Deemed Execution Date, if any (Month/Day/Year)		action (Instr.	4. Securities Disposed Of	Acquired (D) (Instr	acquired (A) or D) (Instr. 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported		7. Nature of Indirect Beneficial Ownership (Instr. 4)				
							v	Amount	(A) or Price		Transaction(s) (Instr. 3 and 4)			(111501.4)				
Common	Stock		11/25/20	15		S		55,500	D	\$20.97	496,	813	I	Shares hell by persons and entitie whose shares are subject to reporting the undersigned				
Common	Stock		11/25/20	15		S		174,096	D	\$21.48	²⁾ 322,	717	I	Shares hell by persons and entitie whose shares are subject to reporting the undersigned.				
Common Stock			11/27/20	15		S		2,400	D	\$21.86	³⁾ 320,	317	I	Shares hel by persons and entitie whose shares are subject to reporting be the undersigned				
Common Stock 11/27/201			5		S		55,419	D	\$21.97	4) 264,	264,898		Shares hell by persons and entitie whose shares are subject to reporting by the undersigned.					
		Та	ble II - Deriva											J				
1. Title of Derivative Security (Instr. 3)	f 2. 3. Transaction Date Execution Date, (Month/Day/Year) if any		4. Transaction Code (Instr. 8)	5. Number	er 6. Date Ex Expiration (Month/Da				e and int of ities lying ative ity (Instr. 3	8. Price of Derivative Security (Instr. 5)	erivative derivative security Securities		ership : Difference of Indire Benefici Ownersl (Instr. 4)					

		Та	ble II - Deriv (e.g.,				•	ired, Disp options,			ı or	r			
1. Title of	2. Conversion	3. Transaction	3A. Deemed	Code Trans	V action	6A)Nu	m (150e) r	Date ExPetisEblero Expiration D		7itītētle	of a©alodares	8. Price of	9. Number of	10. Ownership	11. Nature
	of Elespisas	e (M onth/Day/Year)	if any	Code	(Instr.	Deriva		(Month/Day/	rear)	Securi	ties	Security	Securities	Form:	Beneficial
(Instr. 3) 1. The price r		transaction is the we					ities ces rar	ging from \$20	.31 to \$21.30.	Underl Deriva	ying Lifereby u	' (Instr. 5) ndertakes to p	" Beneficially provide upon reque Owned	Direct (D) or indirect	Ownership mission start, (Instr. 4)
the issuer, or	a Security holds	er of the issuer full in	nformation regardin	g the nun	nber of sl	PAS OF	d price	es at which the	transaction wa	s Securi	ty (Instr. 3			(i) (instr. 4)	
2. The price reported for this transaction is the weighted average price of multiple trade Dispased ranging from \$21.31 to \$21.74. Fanil 4LC hereby undertakes to prepare the commission staff, the issuer, or a security holder of the issuer full information regarding the number of shape the prices at which the transaction was effected.															
(Instr. 4) 3. The price reported for this transaction is the weighted average price of multiple trades and prices ranging from \$21.39 to \$22.02. FMR LLC hereby undertakes to provide upon request by the Commission staff, the issuer, or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.															
4. The price reported for this transaction is the weighted average price of multiple trades at prices ranging from \$21.80 to \$22.15. FMR LLC hereby undertakes to provide upon request by the Commission staff, the issuer, or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected Amount															
Remarks							1				or Number				
Remark 1: Edward C. Johnson 3d is a Director and the Chairman of FMR LLC and Abigail P. Johnson Pate Director, LEXPITATION airman, the Chief Executive Officer and the President of FMR LLC. Members of the family of Edward C. Johnson 3d, including Abigail P. Johnson, are the presenting 49% of the voting Chief Common State of FMR LLC, representing 49% of the voting Chief C															

Remark 1: Edward C. Johnson 3d is a Director and the Chairman of FMR LLC and Abigail P. Johnson Pate Director, taxpitationairman, theothief Executive Officer and the President of FMR LLC. Members of the family of Edward C. Johnson 3d, including Abigail P. Johnson, are taxpitational to the voting power of FMR LLC. The Johnson family group and all other Series B shareholders have entered into a shareholders' voting agreement under which all Series B voting common shares will be voted in accordance with the majority vote of Series B voting common shares. Accordingly, through their ownership of voting common shares and the execution of the shareholders' voting agreement, members of the Johnson family may be deemed, under the Investment Company Act of 1940, to form a controlling group with respect to FMR LLC. The address of Edward C. Johnson 3d and Abigail P. Johnson is c/o FMR LLC, 245 Summer Street, Boston, MA 02110. Remark 2: FMR Co., Inc. (FMRC), Pyramis Global Advisors, LLC (PGALLC), and Strategic Advisers, Inc. (SAI), each a direct or 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 (PGATC), 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 (Exchange Act), are the beneficial owners of Common Stock of Blueprint Medicines Corp. as a result of acting as investment adviser to various client funds and accounts. FMR LLC, Edward C. Johnson 3d and Abigail P. Johnson have no pecuniary interest in the Common Stock beneficially owned by FMRC, PGALLC, SAI and PGATC. Remark 3: The filing of this statement shall not be deemed to be an admission that, for purposes of Section 16 of the Exchange Act or otherwise, the undersigned are the beneficial owners of any securities reported herein.

Marc R. Bryant, 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

** 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.