FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								
hours per response:	0.5							

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

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

Sullivan Eric					blue	2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]											p of Reportir blicable) tor	,	to Issuer % Owner	
(Last)	(Fi JEBIRD BI	, , ,				3. Date of Earliest Transaction (Month/Day/Year) 03/16/2017									X	Officer (give title below) Principal Account		be	ner (specify ow) ficer	
150 SECOND STREET					4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)									Individual or Joint/Group Filing (Check Applicable Line)					ole
(Street) CAMBR			2141												X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(S	ate) (Z	Zip)		<u> </u>															
		Tabl	e I - N	on-Deriv	ative S	Secu	ıritie	s Acq	uired, [Disp	osed o	f, or	Bene	ficia	lly (Owne	ed			
1. Title of Security (Instr. 3) 2. Transacti Date (Month/Day)						Execution Date,			3. Transaction Code (Instr. 8) 4. Securities Acquired Disposed Of (D) (Instr. and 5)						3, 4 Secu		cially I	6. Ownersh Form: Dire (D) or Indirect (I) (Instr. 4)	of Indir Benefic Owners	7. Nature of Indirect Beneficial Ownership (Instr. 4)
									Code	v	Amount		(A) or (D)	Price	Repo ce Tran			(111301 . 4)	(mau. 4	- ,
Common Stock 03/16/20						2017			S ⁽¹⁾		411		D	\$99		6,466		D		
	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)	tive Conversion Date ty or Exercise (Month/Day/Year) if any		Code (Ir	ransaction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			Expiration Date (Month/Day/Year) Date Expiration			7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4) Amou or Numb of Title Share:		ount nber	t		9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owners Form: Direct (or Indir (I) (Instr 4)	Benefic Owners ect (Instr. 4	rect cial ship		

Explanation of Responses:

1. This sales reported in the Form 4 were effected pursuant to a 10b5-1 trading plan adopted by the reporting person on December 13, 2016.

Remarks:

/s/ Jason F. Cole, Attorney-in-Fact 03/20/2017

** 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.

^{*} 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).