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

Name and Address of Reporting Person* Sullivan Eric						2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [BLUE]										ship of Reporti applicable) rector	ng Pe	erson(s) to	
(Last)	(Fi JEBIRD BI	,	Middle)			3. Date of Earliest Transaction (Month/Day/Year) 02/28/2017									X 0	fficer (give title elow)	ount	Other (specify below)	
150 SEC	OND STRI	4. If Amendment, Date of Original Filed (Month/Day/Year)										6. Individual or Joint/Group Filing (Check Applicable Line)							
(Street)												X Form filed by One Reporting Person							
CAMBR											F P	oorting							
(City)	(S	ate) (Z	Zip)																
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
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)						Se Be Ow	Amount of curities neficially ned llowing	Forr (D) o	wnership m: Direct or rect (I) tr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
						Code	v	Amount		A) or D)	Price	Re Tra	ported insaction(s) str. 3 and 4)	(IIIst	u. 4)	(111501. 4)			
Common Stock 02/28					2017				S ⁽¹⁾		285		D	\$8	9	6,877		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 Oate Execution Date, or Exercise (Month/Day/Year) 3) Price of Derivative Security Execution Date, if any (Month/Day/Year)		4. Transaction Code (Instr. 8)		of Deriv Secu Acqu (A) o Disp of (D	or osed) r. 3, 4	Expiration (Month/Da	te Exercisable and ation Date th/Day/Year) Expiration isable Date		7. Title and Amount of Securities Underlying Derivative Security (Instr 3 and 4) Amou or Numb of Title Share:		ount nber	8. Price of Derivati Security (Instr. 5	Beneficiall	/ C F C Q (()	IO. Ownership Form: Direct (D) or Indirect I) (Instr.	11. Nature of Indirect Beneficial Ownership (Instr. 4)		

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 03/02/2017

** 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.