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

1. Name a	blue 3. Dat	Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [ BLUE ]      Date of Earliest Transaction (Month/Day/Year)     06/08/2017									Officer (give title			% Owner ner (specify						
(Last) (First) (Middle) C/O BLUEBIRD BIO, INC. 60 BINNEY STREET						4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)	RIDGE M	A (	02142												X Form filed by One Reporting Person  Form filed by More than One Reporting  Person					
(City)	(S		Zip)		<u> </u>							_								
Table I - Non-Deriva  1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day)					ction	2A. Exe if a	Deeme	d Date,	3. Transact	of, or Benefic curities Acquired (/ osed Of (D) (Instr. 3			or 5. Am Secur	ount of ities icially d	6. Ownersh Form: Dire (D) or Indirect (I) (Instr. 4)					
									Code	v	Amou	ount (A)		Price	Repor Trans		(mau. 4)	(1130.4)		
Common Stock <sup>(1)</sup> 06/08/20							017		A		1,0	00	Α	\$0.0	00	2,000	D			
		Ta	able II						uired, Dis , options	•		,		•	/ Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security		3A. Deemed Execution Date, if any (Month/Day/Year)		4. Transac Code (In 8)		ion Number		6. Date Exer Expiration I (Month/Day		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		∵. 3	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership ect (Instr. 4)			
					Code	v	(A)	(D)	Date Exercisable		oiration e	Title	or	ount nber res						
Stock Option (right to buy)	\$111	06/08/2017			A		4,000		(2)	06/	08/2027	Commo	4,0	000	\$0.00	4,000	D			

## Explanation of Responses:

- 1. These restricted stock units for common stock vest 100% on the earlier of June 8, 2018, or the date of the next annual meeting of stockholders.
- $2. \ This \ option \ vests \ 100\% \ on \ the \ earlier \ of \ June \ 8, \ 2018, \ or \ the \ date \ of \ the \ next \ annual \ meeting \ of \ stockholders.$

## Remarks:

/s/ Jason F. Cole, Attorney-in-Fact 06/12/2017

\*\* 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.