## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	DC	205/19
wasiiiiiqtoii,	D.C.	20349

<b>STATEMENT</b>	<b>OF CHANGES</b>	IN BENEFICIAL	<b>OWNERSHIP</b>

l	OMB APPRO	VAL
	OMB Number:	3235-0287
l	Estimated average burd	en
l	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).

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 and Address of Reporting Person*  LYNCH DANIEL						2. Issuer Name and Ticker or Trading Symbol bluebird bio, Inc. [ BLUE ]									tionship all appli Directo	,	g Pers	son(s) to Is:	
	(FI JEBIRD BI IEY STREE	O, INC.	(Middle)	)	04	3. Date of Earliest Transaction (Month/Day/Year) 04/25/2017								below)		Other (specify below)			
(Street) CAMBR (City)			02142 (Zip)		-   4. I -	f Amen	ndmer	nt, Date	of Origii	nal F	iled (Month/D	ay/Year)		6. Indiv Line) X	Form 1	Joint/Group filed by One filed by Mor n	Repo	orting Perso	on
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3)  2. Transact Date (Month/Day			Execution Date,		cution Date, y		ction nstr.	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 an			nd 5) Securit Benefic Owned		ies ially Following	Form (D) o	n: Direct r Indirect istr. 4)	7. Nature of Indirect Beneficial Ownership			
						Code	v	Amount	(A) or (D)	Price			eported ansaction(s) istr. 3 and 4)			(Instr. 4)			
Common Stock 04/25/201					017	17		M		2,000	Α	\$2.0	864	3,	3,400		D		
Common Stock 04/25/202			017	17		S <sup>(1)</sup>		2,000	D	\$86.74	498 <sup>(2)</sup>	1,400			D				
		Т	able								sposed of , converti				wned		,	·	
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security		if any	eemed tion Date, n/Day/Year)		ransaction ode (Instr.		vative urities uired or oosed O) tr. 3, 4	6. Date Exer Expiration D (Month/Day/		ate	7. Title and Amount of Securities Underlying Derivative Secu (Instr. 3 and 4)		De Se (Ir	Price of erivative ecurity nstr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactic (Instr. 4)	is lly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercis	sable	Expiration Date	Title	Amou or Numb of Share	er					
Stock Option (right to	\$2.0864	04/25/2017			M			2,000	(3)	)	07/13/2021	Commo	2,00	00	\$0.00	13,271		D	

## Explanation of Responses:

- 1. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on December 14, 2016.
- 2. The range of prices for the transaction reported on this line was \$86.50 to \$87.10. The average weighted price was \$86.7498. The reporting person will provide, upon request by the SEC, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate price.
- 3. This option vests over a four-year period in 48 equal monthly installments beginning on April 15, 2011

## Remarks:

/s/ Jason F. Cole, Attorney-in-Fact 04/

04/27/2017

\*\* Signature of Reporting Person

Date

 $\label{lem:Remodel} \textit{Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.}$ 

- $^{\star}$  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.