FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

wasnington, D.C. 20549

OMB APPROVAL								
OMB Number:	3235-028							

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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]									all applic	or 10% (son(s) to Iss	
	JEBIRD BI	O, INC.	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 04/27/2017									Officer (give title below)		Other (spo		specify
(Street) CAMBR (City)		A (02142 (Zip)		4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								. Indivi ine) X					
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day)						Execution Date,			Transaction Di		4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 a			and 5) Securit Benefic		es ally Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership
		Code	v	Amount	(A) or (D)				Price	Transa		ction(s) and 4)			(Instr. 4)				
Common Stock 04/27/20						017			М		1,000	A	\$2.08	364	2,400			D	
Common Stock 04/27/20					2017	.017		S ⁽¹⁾		1,000	D	\$90.0	1(2) 1,40		,400		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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deen Executio if any (Month/D	n Date,		Transaction Code (Instr.		n of		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Securit (Instr. 3 and 4)		Price of rivative curity str. 5)		e s ally g	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercisa	ble	Expiration Date	Title	Amoun or Numbe of Shares	r					
Stock Option (right to	\$2.0864	04/27/2017			М			1,000	(3)		07/13/2021	Common Stock	1,000		\$0.00	12,271	L	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 \$90.00 to \$90.10. The average weighted price was \$90.0100. 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 05/

05/01/2017

** 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.