## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, I	D.C.	20549
---------------	------	-------

STATEMENT	OF CHAN	GES IN F	RENEEICIAI	OWNERSHIP
SIAILMLINI	OF CHAIN	GES IIV E	DENTERIORE	CWINERSHIP

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* <u>Davidson David</u>						2. Issuer Name <b>and</b> Ticker or Trading Symbol bluebird bio, Inc. [ BLUE ]									(Check all D			g Person(s) to I	
(Last) (First) (Middle) C/O BLUEBIRD BIO, INC. 60 BINNEY STREET						3. Date of Earliest Transaction (Month/Day/Year) 01/07/2019									X	belov	w) ``	below lical Officer	
(Street) CAMBRIDGE MA 02142  (City) (State) (Zip)					4. 1	4. If Amendment, Date of Original Filed (Month/Day/Year)							· I	Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person					
		Tabl	e I -	Non-Deriv	/ative	e Sec	uritie	s A	cqui	ired, I	Disp	posed c	of, or l	Benefic	ially (	Owne	ed		
1. Title of Security (Instr. 3)  2. Transactio Date (Month/Day/V			/ear)	Execution Date,		e,	3. Transaction Code (Instr. 8)  4. Securities A Of (D) (Instr. 3,					Secu Bene Own		nount of rities ficially ed Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership			
								Code V		Amo	ount	(A) or (D)	Price		Reported Transaction(s) (Instr. 3 and 4)			(Instr. 4)	
Common Stock 01/0					19	9			S		1,	748(1)	D	\$113.2893(2)		23,157		D	
Common	Stock			01/07/20	19				S		9	)16 <sup>(1)</sup>	D	\$114.3	4.3057 <sup>(3)</sup> 22,241 D				
		Та	ıble	II - Derivat (e.g., p								sed of, onvertib				vned			
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	Date Execution (Month/Day/Year)		Deemed 4. cution Date, Tra		action (Instr.	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Expiration (Month/Da		ay/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)  Amount or Numbe of Title Shares		Deriv Secu (Instr	vative urity tr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction ((Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)

## **Explanation of Responses:**

- 1. Shares were sold to cover tax withholding obligations incurred in connection with the vesting of Restricted Stock Units.
- 2. The range in prices for the transaction reported on this line was \$112.73 to \$113.70. The average weighted price was \$113.2893. The reporting person will provide, upon request by the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price.
- 3. The range in prices for the transaction reported on this line was \$113.78 to \$114.72. The average weighted price was \$114.3057. The reporting person will provide, upon request by the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each separate price.

## Remarks:

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

01/09/2019

\*\* Signature of Reporting Person

**Fact** 

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.