FORM 4

Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to	STATEMENT OF CHANGES IN BENEFICIAL	OWNERSHIP
Section 16. Form 4 or Form 5		• · · · · · · · · · · · · · · · · · · ·
obligations may continue. See		

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

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 Gregory Philip D					bluebird bio, Inc. [BLUE]								heck all a Dir		e)	erson(s) to Iss 10% O Other (s	vner	
	JEBIRD BI	(First) (Middle) BIRD BIO, INC.				3. Date of Earliest Transaction (Month/Day/Year) 07/01/2015								below) Chief Scientific		below)		
150 SECOND STREET, THIRD FLOOR (Street) CAMBRIDGE MA 02141 (City) (State) (Zip)				4.	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person					
		Tab	le I - Non-D	erivativ	e Se	curities	s Ac	quired, D)isp	osed o	f, or Be	neficia	lly Owr	ed				
Date				Transaction Ite Ionth/Day/Y	Execution Date,		Code (Instr. 5)			tr. 3, 4 an	4 and Securitie Benefici Owned F Reporte		owing (I) (Ownership rm: Direct or Indirect (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
								Code	V	Amount	(A) or (D)	Price	Tran (Inst	action((s) 4)			
	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)	Derivative Conversion Date Execution Security or Exercise (Month/Day/Year) if any		3A. Deemed Execution Date if any (Month/Day/Yea	Date, Transaction Code (Instr.				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour of Securities Underlying Derivative Securit (Instr. 3 and 4)		Derivative Security		Number of privative securities eneficially wned ollowing eported ansaction(s) estr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	v	(A)	(D)	Date Exercisable		expiration Date	Title	Amount or Number of Shares						
Stock Option (right to buy)	\$163.07	07/01/2015		A		50,000		(1)	0	7/01/2025	Common Stock	50,000	\$0.00		50,000	D		

Explanation of Responses:

1. This option vests over a four-year period, at a rate of twenty-five percent (25%) on June 15, 2016 and in 36 equal monthly installments thereafter.

Remarks:

/s/ Jason F. Cole, Attorney-in-07/02/2015 **Fact**

** 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.