INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> Bain Linda (Last) (First) (Middle)	2. Date of Event Requiring Statement (Month/Day/Year) 06/18/2013	bluebird bio	o, Inc. [BLU] p of Reporting	5. If Amendment, Date Original
C/O BLUEBIRD BIO, INC., 840 MEMORIAL DRIVE, 4TH FLOOR (Street) CAMBRIDGE, MA 02139		(Check Director X Officer (give title below	all applicable) 10% C Other v) (specify belo Business Operat	6. Individual or Joint/Group w) Filing(Check Applicable Line) _X_Form filed by One Reporting Person
				Form filed by More than One Reporting Person
(City) (State) (Zip)	Table I - N	Non-Derivat	ive Securitie	s Beneficially Owned
1.Title of Security (Instr. 4)	2. Amount of Beneficially (Instr. 4)			4. Nature of Indirect Beneficial Ownership (Instr. 5)
Reminder: Report on a separate line for ea owned directly or indirectly.	ach class of securities benefici	ially SI	EC 1473 (7-02)	
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Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	Expiration Date (Month/Day/Year)		Securities U	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		5. Ownership Form of Derivative	(Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D)	

January 31,

2005

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				Shares		or Indirect (I) (Instr. 5)	
Stock Option (right to buy)	(1)	10/25/2021	Common Stock	65,516	\$ 2.09	D	Â
Stock Option (right to buy)	(2)	06/04/2022	Common Stock	13,180	\$ 2.09	D	Â
Stock Option (right to buy)	(3)	01/16/2023	Common Stock	24,776	\$ 5.5	D	Â

Reporting Owners

Reporting Owner Name / Address	Relationships					
1. 6	Director	10% Owner	Officer	Other		
Bain Linda C/O BLUEBIRD BIO, INC. 840 MEMORIAL DRIVE, 4TH FLOOR CAMBRIDGE, MA 02139	Â	Â	VP, Fin. & Business Operations	Â		

Signatures

/s/ Linda C. Bain 06/18/2013

<u>**</u>Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 5(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).
- (1) This option vests over a four-year period, at a rate of twenty-five percent (25%) on October 19, 2012 and in 36 equal monthly installments thereafter.
- (2) This option vests over a four-year period, at a rate of twenty-five percent (25%) on May 1, 2013 and in 36 equal monthly installments thereafter.

This option vests as follows: (i) 16,105 shares vest at a rate of twenty-five percent (25%) on January 1, 2014 and in 36 equal monthly installments thereafter; (ii) 2,477 shares vest at a rate of twenty-five percent (25%) on April 1, 2014 and in 36 equal monthly installments

(3) Installinents thereafter; and (iii) 6,194 shares vest at a rate of twenty-five percent (25%) on May 1, 2014 and in 36 equal monthly installments thereafter.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.