FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL 3235-0287 OMB Number: Estimated average burden 0.5 hours per response:

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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Name and Address of Reporting Person*     Norkunas Matthew						2. Issuer Name and Ticker or Trading Symbol Generation Bio Co. [ GBIO ]										5. Relationship of Reporting (Check all applicable) Director			son(s) to Iss	
(Last) (First) (Middle) C/O GENERATION BIO CO., 301 BINNEY S'				ST		3. Date of Earliest Transaction (Month/Day/Year) 07/15/2024										below	r (give title ) F FINAN	specify R		
(Street) CAMBRIDGE MA 02142					4. If											Individual or Joint/Group Filing (Check Applicable Line)     Form filed by One Reporting Person     Form filed by More than One Reporting				
(City) (State) (Zip)					Rule 10b5-1(c) Transaction Indication															
						satis	fy the a	ffirmative	e de	efense co	nditio	ns of Rule	10b5-1	(c). Se	e Instructi			plan t	hat is intende	d to
		Tab	le I - No	n-Deriv	/ative	Se	curiti	ies Ac	qı	uired,	Dis	posed o	of, or	Ber	neficial	ly Owne	d			
Dat				Date	2. Transaction Date (Month/Day/Year)			2A. Deemed Execution Date, if any (Month/Day/Year)			ction nstr.	4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5)				Benefic Owned	es ially Following	Form (D) o	n: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership
										Code	v	Amount		(A) or (D)	Price	Reporte Transac (Instr. 3	tion(s)			(Instr. 4)
Common Stock 07					/15/2024					M		1,674	4	A	(1)	54	,296	D		
Common Stock 07/					5/2024					F		492		D	\$2.9	3 53,804			D	
Common Stock 07/15/					5/2024	7/2024				M		1,67	3	A	(1)	55,477			D	
Common Stock 07/15/					5/2024	3/2024				F		492		D	\$2.9	3 54	,985		D	
		Т										osed of onverti				Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deem Execution if any (Month/D	Date,	4. Transactior Code (Instr 8)				Ë	Date Exe xpiration Month/Day	Date	Amount o		unt of rities erlying rative	Security	8. Price of Derivative Security (Instr. 5)	9. Numbe derivative Securities Beneficia Owned Following Reported Transactio (Instr. 4)	i i i	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)		ate xercisabl		expiration Pate	Title		Amount or Number of Shares					
Restricted Stock Units	(1)	07/15/2024			М			1,674		(2)		(2)	Comi		1,674	\$0	16,73	3	D	
Restricted Stock	(1)	07/15/2024		I	M			1,673		(3)		(3)	Com	mon	1,673	\$ <del>0</del>	3,346		D	

## **Explanation of Responses:**

Units

- 1. Each restricted stock unit represents the right to receive one share of the company's common stock.
- 2. On January 20, 2023, the reporting person was granted 26,775 restricted stock units. The shares underlying the restricted stock units vest over four years, with 25% of the shares vested on January 15, 2024 and the remaining shares vesting in equal quarterly installments thereafter.
- 3. On January 20, 2023, the reporting person was granted 13,388 restricted stock units. The shares underlying the restricted stock units vest over two years, with 25% of the shares vested on July 15, 2023 and the remaining shares vesting in equal quarterly installments thereafter.

/s/ Shawna-Gay White, Attorney-in-Fact

Stock

07/17/2024

\*\* 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.

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