

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL	
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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* <u>ATLAS VENTURE ASSOCIATES X, L.P.</u> (Last) (First) (Middle) 300 TECHNOLOGY SQUARE, 8TH FLOOR (Street) CAMBRIDGE MA 02139 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Generation Bio Co. [GBIO]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 09/22/2021	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	09/22/2021		s ⁽¹⁾		30,560	D	\$25.891 ⁽²⁾	185,126	D ⁽³⁾	
Common Stock	09/23/2021		s ⁽¹⁾		75,324	D	\$26.133 ⁽⁴⁾	109,802	D ⁽³⁾	
Common Stock	09/23/2021		s ⁽¹⁾		1	D	\$26.55	109,801	D ⁽³⁾	
Common Stock	09/24/2021		s ⁽¹⁾		28,862	D	\$25.839 ⁽⁵⁾	80,939	D ⁽³⁾	
Common Stock	09/22/2021		s ⁽¹⁾		57	D	\$25.891 ⁽²⁾	951	I	See footnote ⁽⁶⁾
Common Stock	09/23/2021		s ⁽¹⁾		140	D	\$26.133 ⁽⁴⁾	811	I	See footnote ⁽⁶⁾
Common Stock	09/24/2021		s ⁽¹⁾		54	D	\$25.839 ⁽⁴⁾	757	I	See footnote ⁽⁶⁾
Common Stock								7,111,939	I	See footnote ⁽⁷⁾
Common Stock								1,166,937	I	See footnote ⁽⁸⁾

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. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)					

1. Name and Address of Reporting Person*
ATLAS VENTURE ASSOCIATES X, L.P.
 (Last) (First) (Middle)
 300 TECHNOLOGY SQUARE, 8TH FLOOR
 (Street)
 CAMBRIDGE MA 02139
 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Atlas Venture Associates X, LLC

(Last) (First) (Middle)
300 TECHNOLOGY SQUARE, 8TH FLOOR

(Street)
CAMBRIDGE MA 02139

(City) (State) (Zip)

1. Name and Address of Reporting Person*
[Atlas Venture Opportunity Fund I, L.P.](#)

(Last) (First) (Middle)
300 TECHNOLOGY SQUARE, 8TH FLOOR

(Street)
CAMBRIDGE MA 02139

(City) (State) (Zip)

1. Name and Address of Reporting Person*
[Atlas Venture Associates Opportunity I, LLC](#)

(Last) (First) (Middle)
300 TECHNOLOGY SQUARE, 8TH FLOOR

(Street)
CAMBRIDGE MA 02139

(City) (State) (Zip)

Explanation of Responses:

1. Shares were sold pursuant to a Rule 10b5-1 trading plan dated April 20, 2021.
2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$25.54 to \$26.21 inclusive. The Reporting Persons undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in footnotes (2),(4) and (5).
3. The shares are held directly by Atlas Venture Associates X, L.P. ("AVA X LP"). Atlas Venture Associates X, LLC ("AVA X LLC") is the general partner of AVA X LP. AVA X LLC disclaims Section 16 beneficial ownership of the securities held by AVA X LP except to the extent of its pecuniary interest therein, if any.
4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$25.53 to \$26.518 inclusive.
5. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$25.40 to \$26.21 inclusive.
6. The shares are held directly by Atlas Venture Associates Opportunity I, LP ("AVAO LP"). Atlas Venture Associates Opportunity I, LLC ("AVAO LLC") is the general partner of AVAO LP. AVAO LLC disclaims Section 16 beneficial ownership of the securities held by AVAO LP except to the extent of its pecuniary interest therein, if any.
7. The shares are held directly by Atlas Venture Fund X, L.P. ("Atlas Venture Fund X"). The general partner of Atlas Venture Fund X is AVA X LP. AVA X LLC is the general partner of AVA X LP. Each of AVA X LP and AVA X LLC disclaims Section 16 beneficial ownership of the securities held by Atlas Venture Fund X, except to the extent of its pecuniary interest therein, if any.
8. The shares are held directly by Atlas Venture Opportunity Fund I, L.P. ("Atlas Venture Opportunity Fund I"). The general partner of Atlas Venture Opportunity Fund I is AVAO I LP. AVAO I LLC is the general partner of AVAO I LP. Each of AVAO I LP and AVAO I LLC disclaims Section 16 beneficial ownership of the securities held by Atlas Venture Opportunity Fund I, except to the extent of its pecuniary interest therein, if any.

Remarks:

[Atlas Venture Associates X, L.P., By: Atlas Venture Associates X, LLC, Its: General Partner, By: /s/ Ommer Chohan, Chief Financial Officer](#) [09/24/2021](#)
[Atlas Venture Associates X, LLC, By: /s/ Ommer Chohan, Chief Financial Officer](#) [09/24/2021](#)
[Atlas Venture Associates Opportunity I, L.P., By: Atlas Venture Associates Opportunity I, LLC, its general partner, By: Ommer Chohan, Chief Financial Officer, /s/ Ommer Chohan](#) [09/24/2021](#)
[Atlas Venture Associates Opportunity I, LLC, By: Ommer Chohan, Chief Financial Officer, /s/ Ommer Chohan](#) [09/24/2021](#)

** 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.