

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

1. Name and Address of Reporting Person* <u>Longitude Capital Partners II, LLC</u> (Last) (First) (Middle) C/O LONGITUDE CAPITAL MANAGEMENT 2740 SAND HILL ROAD, 2ND FLOOR (Street) MENLO PARK CA 94025 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>RAPID MICRO BIOSYSTEMS, INC. [RPID]</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) 01/23/2026	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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			
Class A Common Stock	01/23/2026		x ⁽¹⁾		629,032	A	\$0.05	4,036,984	I	Held by Longitude Venture Partners II, L.P. ⁽²⁾
Class A Common Stock	01/23/2026		s ⁽¹⁾		7,739	D	\$4.064	4,029,245	I	Held by Longitude Venture Partners II, L.P. ⁽²⁾
Class A Common Stock	01/30/2026		s		46,000	D	\$4.5435	104,000	I	Held by Longitude Prime Fund, L.P. ⁽³⁾
Class A Common Stock	02/02/2026		s		27,500	D	\$4.246	76,500	I	Held by Longitude Prime Fund, L.P. ⁽³⁾
Class A Common Stock	02/03/2026		s		27,500	D	\$4.2415	49,000	I	Held by Longitude Prime Fund, L.P. ⁽³⁾

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)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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)	Date Exercisable	Expiration Date						Title
Class A Common Stock	\$0.05	01/23/2026		X			500,000	(4)	07/24/2027	Class A Common Stock	500,000	\$0	0	I	Held by Longitude Venture Partners II, L.P. ⁽²⁾
Class A Common Stock	\$0.05	01/23/2026		X			129,032	(4)	01/17/2028	Class A Common Stock	129,032	\$0	0	I	Held by Longitude Venture Partners II, L.P. ⁽²⁾

1. Name and Address of Reporting Person*

[Longitude Capital Partners II, LLC](#)

(Last) (First) (Middle)

C/O LONGITUDE CAPITAL MANAGEMENT
2740 SAND HILL ROAD, 2ND FLOOR

(Street)

MENLO PARK CA 94025

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[Longitude Venture Partners II, L.P.](#)

(Last) (First) (Middle)

2740 SAND HILL ROAD, SECOND FLOOR

(Street)

MENLO PARK CA 94025

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[Longitude Prime Partners, LLC](#)

(Last) (First) (Middle)

2740 SAND HILL ROAD, SECOND FLOOR

(Street)

MENLO PARK CA 94025

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[ENRIGHT PATRICK G](#)

(Last) (First) (Middle)

2740 SAND HILL ROAD, SECOND FLOOR

(Street)

MENLO PARK CA 94025

(City) (State) (Zip)

1. Name and Address of Reporting Person*

[Tammenoms Bakker Juliet](#)

(Last) (First) (Middle)

2740 SAND HILL ROAD, SECOND FLOOR

(Street)

MENLO PARK CA 94025

(City) (State) (Zip)

Explanation of Responses:

1. Longitude Venture Partners II, L.P. ("LVPII") exercised warrants to purchase an aggregate of 629,032 shares of the Issuer's Class A common stock for \$0.05 per share and paid the exercise price on a cashless basis, resulting in the Issuer withholding 7,739 shares of the Issuer's shares of Class A common stock subject to the warrant to pay the exercise price.
2. The securities are held directly by LVPII. Longitude Capital Partners II, LLC, ("LCPII"), the general partner of LVPII, may be deemed to have voting and dispositive power with respect to the shares held by LVPII. Patrick G. Enright and Juliet Tammenoms Bakker are the managing members of LCPII and may be deemed to have voting and dispositive power over the shares held by LVPII. Each of LCPII, Mr. Enright and Ms. Tammenoms Bakker disclaim beneficial ownership of such securities and this report shall not be deemed an admission that any one of them is the beneficial owner of such securities for purposes of Section 16 or for any other purpose, except to the extent of their respective pecuniary interest therein.
3. The securities are held directly by Longitude Prime Fund, L.P. ("LPP"). Longitude Prime Partners, LLC ("LPP"), the general partner of LPP, may be deemed to have voting and dispositive power with respect to the shares held by LPP. Mr. Enright and Ms. Tammenoms Bakker are the managing members of LPP and may be deemed to have voting and dispositive power over the shares held by LPP. LPP and each of Mr. Enright and Ms. Tammenoms Bakker disclaim beneficial ownership of such shares except to the extent of their respective pecuniary interests therein.
4. The warrant is immediately exercisable.

[/s/ Longitude Capital Partners II, LLC, By: /s/ Cristiana Blauth 02/03/2026 Oliveira, Authorized Signatory](#)

[/s/ Longitude Venture Partners II, L.P., By: /s/ Cristiana Blauth 02/03/2026 Oliveira, Authorized Signatory](#)

[/s/ Longitude Prime Partners, LLC, By: /s/ Cristiana Blauth 02/03/2026 Oliveira, Authorized Signatory](#)

/s/ Longitude Prime Fund, L.P., 02/03/2026
By: /s/ Cristiana Blauth
Oliveira, Authorized Signatory.
/s/ Cristiana Blauth Oliveira, as
attorney-in-fact for Patrick G. 02/03/2026
Enright
/s/ Cristiana Blauth Oliveira, as
attorney-in-fact for Juliet 02/03/2026
Tammenoms Bakker
** 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.