

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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>GLAXOSMITHKLINE PLC</u> (Last) (First) (Middle) <u>980 GREAT WEST ROAD</u> (Street) <u>BRENTFORD X0 TW8 9GS</u> <u>MIDDLESEX</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>06/27/2018</u>	3. Issuer Name and Ticker or Trading Symbol <u>Translate Bio, Inc. [TBIO]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. 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 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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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)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series A Preferred Stock	(1)	(1)	Common Stock	1,674,016	(1)	I	See Explanation of Responses ⁽⁵⁾
Series B Preferred Stock	(2)	(2)	Common Stock	1,300,116	(2)	I	See Explanation of Responses ⁽⁵⁾
Series C Preferred Stock	(3)	(3)	Common Stock	454,550	(3)	I	See Explanation of Responses ⁽⁵⁾
Stock Option (Right to Buy)	(4)	03/06/2028	Common Stock	37,800	8.34	I	See Explanation of Responses ⁽⁴⁾⁽⁵⁾

Explanation of Responses:

- The Series A Preferred Stock is convertible into Common Stock on a 5.5555-for-one basis into the number of shares of Common Stock shown in Column 3 at any time at the holder's election and automatically upon the closing of the Issuer's initial public offering. The shares have no expiration date.
- The Series B Preferred Stock is convertible into Common Stock on a 5.5555-for-one basis into the number of shares of Common Stock shown in Column 3 at any time at the holder's election and automatically upon the closing of the Issuer's initial public offering. The shares have no expiration date.
- The Series C Preferred Stock is convertible into Common Stock on a 5.5555-for-one basis into the number of shares of Common Stock shown in Column 3 at any time at the holder's election and automatically upon the closing of the Issuer's initial public offering. The shares have no expiration date.
- This stock option was granted on March 7, 2018 with respect to 37,800 Common Shares with 25% of the shares vesting on March 7, 2019, and thereafter 2.0833% vesting monthly until March 7, 2022. The stock option was granted to Brian M. Gallagher, Jr. as director's compensation. As a Partner and Vice President at S.R. One, Limited and an employee of GlaxoSmithKline LLC, Brian M. Gallagher, Jr. is obligated to transfer any shares issued under the stock option to S.R. One, Limited, an indirect, wholly-owned subsidiary of GlaxoSmithKline plc.
- The shares reported herein are held of record by S.R. One, Limited, an indirect, wholly-owned subsidiary of GlaxoSmithKline plc (the "Reporting Person").

/s/ Victoria Whyte, SVP & Company Secretary 06/27/2018
GlaxoSmithKline Plc

** 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 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).

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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