

OMB APPROVAL	
OMB Number:	3235-0287
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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).

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

1. Name and Address of Reporting Person* GLAXOSMITHKLINE PLC (Last) (First) (Middle) 980 GREAT WEST ROAD (Street) BRENTFORD X0 TW8 9GS (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol Translate Bio, Inc. [TBIO]	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) 07/02/2018	
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			
Common Stock	07/02/2018		C		1,674,016	A	(2)	1,674,016	I	See Footnote ⁽³⁾
Common Stock	07/02/2018		C		1,300,116	A	(2)	2,974,132	I	See Footnote ⁽³⁾
Common Stock	07/02/2018		C		454,550	A	(2)	3,428,682	I	See Footnote ⁽³⁾
Common Stock	07/02/2018		P		269,230 ⁽¹⁾	A	\$13	3,697,912	I	See Footnote ⁽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	Amount or Number of Shares				
Series A Preferred Stock	(1)	07/02/2018		C			9,300,000	(2)	(2)	Common Stock	1,674,016	\$0	0	I	See Footnote ⁽³⁾
Series B Preferred Stock	(2)	07/02/2018		C			7,222,797	(2)	(2)	Common Stock	1,300,116	\$0	0	I	See Footnote ⁽³⁾
Series C Preferred Stock	(3)	07/02/2018		C			2,525,253	(2)	(2)	Common Stock	454,550	\$0	0	I	See Footnote ⁽³⁾

Explanation of Responses:

- S.R. One, Limited acquired 269,230 Common Stock of the Issuer in connection with the Issuer's initial public offering.
- The Series A, Series B and Series C Preferred Stock were converted into Common Stock on a 5.5555-for-one basis upon the closing of the Issuer's initial public offering without payment of consideration. The Series A, Series B, and Series C Preferred Stock were convertible at any time at the holder's election and automatically upon the closing of the Issuer's initial public offering. The Preferred Stock had no expiration date.
- 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, Company
Secretary, GlaxoSmithKline 07/02/2018
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 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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