

**SYNLOGIC, INC.**  
Reported by  
**GENGOS ANDREW**

**FORM 3**  
(Initial Statement of Beneficial Ownership)

Filed 10/10/17 for the Period Ending 10/09/17

Address	200 SIDNEY STREET SUITE 320 CAMBRIDGE, MA, 02139
Telephone	617-401-9975
CIK	0001527599
SIC Code	2834 - Pharmaceutical Preparations
Industry	Pharmaceuticals
Sector	Healthcare
Fiscal Year	12/31

## 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 * <b>Gengos Andrew</b>			2. Date of Event Requiring Statement (MM/DD/YYYY) <b>10/9/2017</b>		3. Issuer Name and Ticker or Trading Symbol <b>SYNLOGIC, INC. [SYBX]</b>		
(Last) (First) (Middle) <b>C/O SYNLOGIC, INC., 200 SIDNEY STREET, SUITE 320</b>			4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>See Remarks /</b>				
(Street) <b>CAMBRIDGE, MA 02139</b>			5. If Amendment, Date Original Filed (MM/DD/YYYY)		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		
(City) (State) (Zip)							

### 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 Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: 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			

#### Explanation of Responses:

#### Remarks:

Chief Operating Officer and Head of Corporate Development  
No securities are beneficially owned.

#### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>Gengos Andrew C/O SYNLOGIC, INC. 200 SIDNEY STREET, SUITE 320 CAMBRIDGE, MA 02139</b>			<b>See Remarks</b>	

#### Signatures

/s/ **William J. Bussiere, Jr., Attorney-in-fact**

**10/10/2017**

\*\*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.

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 control number.