FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

| OMB APPROVAL | | | | | |
|--------------------------|----------------------|--|--|--|--|
| OMB Number: | 1B Number: 3235-0104 | | | | |
| Estimated average burden | | | | | |
| hours per response | : 0.5 | | | | |

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

| Name and Address of Reporting Person* Svennilson Peter | 2. Date of Ever Requiring State (Month/Day/Ye 09/27/2018 | Statement py/Year) Gritstone Oncology, Inc. [GRTS] | | | | | | | | |
|---|---|--|--|----------------------------------|---|--|---|--|--|--|
| (Last) (First) (Middle) C/O GRITSTONE ONCOLOGY, INC. | | | 4. Relationship of Reporting Perso (Check all applicable) X Director X | | (Mo | Amendment, Da nth/Day/Year) | ate of Original Filed | | | |
| 5858 HORTON STREET, SUITE 210 | | | Officer (give title below) | Other (spec below) | App | licable Line) | /Group Filing (Check | | | |
| (Street) EMERYVILLE CA 94608 | | | | |) | • | y One Reporting Person y More than One erson | | | |
| (City) (State) (Zip) | | | | | | | | | | |
| Table I - Non-Derivative Securities Beneficially Owned | | | | | | | | | | |
| 1. Title of Security (Instr. 4) | | | 2. Amount of Securities Beneficially Owned (Instr. 4) | | | 4. Nature of Indirect Beneficial Ownership (Instr. 5) | | | | |
| 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. Conversion or Exercise Price of | | 6. Nature of Indirect Beneficial Ownership (Instr. 5) | | | |
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | Derivative Security | or Indirect (I) (Instr. 5) | | | | |
| Series A Convertible Preferred Stock | (1) | (2) | Common Stock | 2,173,912 | (1) | I | See Footnote ⁽³⁾ | | | |
| Series B Convertible Preferred Stock | (1) | (2) | Common Stock | 929,022 | (1) | I | See Footnote ⁽³⁾ | | | |

Explanation of Responses:

- 1. The shares of the Issuer's Preferred Stock automatically convert into shares of the Issuer's Common Stock, for no additional consideration, on a 1:1 basis immediately prior to the consummation of the Issuer's initial public offering.
- 2. The expiration date is not relevant to the conversion of these securities.
- 3. Consists of the shares held by The Column Group II, LP. The Column Group II GP, LP is the general partner of The Column Group II, LP. The Reporting Person is a managing partner of The Column Group II GP, LP and may be deemed to have shared voting and investment power with respect to the shares. He disclaims beneficial ownership of the shares except to the extent of his pecuniary interest therein.

/s/ Jennifer J. Carlson,

Attorney-in-Fact for Peter 09/27/2018

Svennilson

** 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 Number.

Power of Attorney

The undersigned, a managing partner of The Column Group II, LP, hereby constitutes and appoints each of Gary A. Jungels, Jennifer Brake, Jennifer J. Carlson and Leslie Schmidt, for so long as they are affiliated with a law firm representing The Column Group, LLC, the undersigned's true and lawful attorney-in-fact, each with the power to act alone for the undersigned and in the undersigned's name, place and stead, to:

- 1. Prepare, complete and execute an SEC Form ID required by Sections 13(a) and 23(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and the rules and regulations promulgated thereunder, and any and all amendments thereto, and any other documents necessary or appropriate in order to obtain EDGAR access codes, and to file or cause to be filed the same with the Securities and Exchange Commission as may be required or advisable;
- 2. Prepare, complete and execute Forms 3, 4 and 5 under the Exchange Act and other forms and all amendments thereto on the undersigned's behalf as such attorney-in-fact shall in his or her discretion determine to be required or advisable pursuant to Section 16 or Section 13 of the Exchange Act and the rules and regulations promulgated thereunder, or any successor laws and regulations, as a consequence of the undersigned's beneficial ownership of securities or changes in such beneficial ownership; and
- 3. Do all acts necessary in order to file such forms and amendments with the Securities and Exchange Commission, any securities exchange or national association and such other persons or agencies as the attorney-in-fact shall deem appropriate.

The undersigned hereby ratifies and confirms all that said attorneys-in-fact and agents shall do or cause to be done by virtue hereof. The undersigned acknowledges that the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming any of the undersigned's responsibilities to comply with or liability under Section 16 or Section 13 of the Exchange Act or any rules and regulations promulgated thereunder or any successor laws and regulations.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, or 5 or such other forms and amendments thereto pursuant to Section 16 or Section 13 of the Exchange Act with respect to the undersigned's beneficial ownership of securities or changes in such beneficial ownership, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

The undersigned has executed this Power of Attorney as of March 9, 2018.

| /s/ Peter Svennilson | |
|----------------------|--|
| Peter Svennilson | |