

| OMB APPROVAL                                 |           |
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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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

|   |  |  |
|---|--|--|
| 1. Name and Address of Reporting Person*<br><u>Bergstrom Donald A</u><br><br>(Last) (First) (Middle)<br><u>C/O RELAY THERAPEUTICS, INC.</u><br><u>399 BINNEY STREET, 2ND FLOOR</u><br><br>(Street)<br><u>CAMBRIDGE MA 02139</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>Relay Therapeutics, Inc. [ RELAY ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br>See Remarks |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>12/11/2020</u>                    |  |
| 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 |   |  |   |

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 |
| Stock Option (Right to Buy)                | \$5.22   | 12/11/2020                           |  | A                              |   | 126,727 <sup>(1)</sup>   |     | (1)  | 03/01/2030      | Common Stock  | 126,727 <sup>(1)</sup>                     | \$0.00   | 126,727 <sup>(1)</sup>                                    | D  |       |

Explanation of Responses:

1. On March 2, 2020, the reporting person was granted an option to purchase 126,727 shares of common stock, subject to determination by the Board of Directors of the Issuer (the "Board") that the Issuer has met, in whole or in part, certain milestones (the "2020 Option Grant Criteria"). On June 23, 2020, the Board determined that the 2020 Option Grant Criteria related to 25% of the option had been achieved, and the shares underlying 25% of this option, or 31,682 shares, commenced vesting in sixteen (16) equal quarterly installments following September 23, 2020. On December 11, 2020, the Board determined that the 2020 Option Grant Criteria related to the remaining 75% of the option had been achieved. The shares underlying 75% of this option, or 95,045 shares, shall vest in sixteen (16) equal quarterly installments following March 11, 2021. Vesting of this option is subject to the reporting person's continued employment through each applicable vesting date.

Remarks:

Executive Vice President, Head of Research and Development

/s/ Brian Adams, as Attorney-in-Fact 12/15/2020

\*\* 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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