| SEC Form | 4 |
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Instruction 1(b).

## FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

OMB APPROVAL

I

| - 1 |                     |           |  |  |  |
|-----|---------------------|-----------|--|--|--|
|     | OMB Number:         | 3235-0287 |  |  |  |
|     |                     |           |  |  |  |
|     | Estimated average t |           |  |  |  |
|     | hours per response: | 0.5       |  |  |  |

| STATEMENT OF CHANGES IN BENEFICIAL OWNERSH | STATEMENT | <b>OF CHANGES</b> | IN BENEFICIAL | <b>OWNERSHIP</b> |
|--|-----------|-------------------|---------------|------------------|
|--|-----------|-------------------|---------------|------------------|

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 <sup>*</sup><br>Adams Brian |                        | g Person <sup>*</sup> | 2. Issuer Name and Ticker or Trading Symbol<br><u>Relay Therapeutics, Inc.</u> [ RLAY ]  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner |  |  |  |
|---|------------------------|-----------------------|--|--|--|--|--|
| (Last)<br>C/O RELAY   | (First)<br>Y THERAPEUT | (Middle)<br>ICS, INC. | 3. Date of Earliest Transaction (Month/Day/Year)<br>01/29/2024   | X Officer (give title Other (specify below) below)<br>Chief Legal Officer                        |  |  |  |
| 399 BINNEY STREET, 2ND FLOOR  |                        | D FLOOR               | 4. If Amendment, Date of Original Filed (Month/Day/Year)   | 6. Individual or Joint/Group Filing (Check Applicable Line)                                      |  |  |  |
| (0) == = = = = = = = = = = = = = = = = =                            |                        |                       |  | X Form filed by One Reporting Person   |  |  |  |
| (Street)<br>CAMBRID   | GE MA                  | 02139                 |  | Form filed by More than One Reporting<br>Person  |  |  |  |
| (City)  | (State)                | (Zip)                 | Rule 10b5-1(c) Transaction Indication  |  |  |  |  |
|   |                        |                       | Check this box to indicate that a transaction was made pursuan satisfy the affirmative defense conditions of Rule 10b5-1(c). See |  |  |  |  |
|   |                        | Table I - Non-De      | erivative Securities Acquired, Disposed of, or Bene  | eficially Owned  |  |  |  |

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |      |   |                      |               |        | Securities<br>Beneficially         | Form: Direct | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------|--|---|------|---|----------------------|---------------|--------|------------------------------------|--------------|---|
|                                 |  |   | Code | v | Amount               | (A) or<br>(D) | Price  | Transaction(s)<br>(Instr. 3 and 4) |              | (1130.4)  |
| Common Stock                    | 01/29/2024                                 |   | S    |   | 1,929 <sup>(1)</sup> | D             | \$9.64 | 327,738 <sup>(2)</sup>             | D            |   |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | of<br>Deriv<br>Secu<br>Acqu<br>(A) of<br>Dispo<br>of (D)<br>(Instr |     |                     |                    | 7. Titl<br>Amou<br>Secur<br>Unde<br>Deriv<br>Secur<br>3 and | unt of<br>rities<br>rlying<br>ative<br>rity (Instr. | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---|---|--|---|------------------------------|---|--|-----|---------------------|--------------------|---|---|---|--|--|--|
|   |   |  |   | Code                         | v | (A)  | (D) | Date<br>Exercisable | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares              |   |  |  |  |

Explanation of Responses:

1. Sale of shares to cover the reporting person's income tax withholding obligations upon the vesting of 5,506 shares of restricted stock units ("RSUs") on January 27, 2024. The reporting person had no discretion with respect to such sale, which was transacted in accordance with the Issuer's policies regarding the vesting of RSUs.

2. Includes 297,817 shares underlying RSUs.

## Remarks:

/s/ Thomas Catinazzo, as

Attorney-in-Fact

01/31/2024

\*\* Signature of Reporting Person

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.

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.

Date