FORM 4

### UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

|   | OMB APPRO                | VAL       |  |  |  |  |  |  |  |
|---|--------------------------|-----------|--|--|--|--|--|--|--|
|   | OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |
| l | Estimated average burden |           |  |  |  |  |  |  |  |
| l | hours per response:      | 0.5       |  |  |  |  |  |  |  |

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

# Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

|   |                                       |                          |  |           | UI .             | Secu   | 011 30(11)                    | or the r                       | iivesiiiiei                         | iii Coi                 | прапу Аст  | 01 19                   | 740              |                                      |   |  |   |  |                           |  |  |
|---|---------------------------------------|--------------------------|--|-----------|------------------|--|-------------------------------|--------------------------------|-------------------------------------|-------------------------|------------|-------------------------|------------------|--------------------------------------|---|--|---|--|---------------------------|--|--|
| 1. Name and Address of Reporting Person*  GRAMMER ELIZABETH A |                                       |                          |  |           |                  | 2. Issuer Name and Ticker or Trading Symbol ARDELYX, INC. [ ARDX ] |                               |                                |                                     |                         |            |                         |                  |                                      | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |  |   |  |                           |  |  |
| GRAMMER ELIZABETH A   |                                       |                          |  |           |                  |  |                               | <u> </u>                       |                                     | _                       | •          |                         |                  |                                      |   | Direct                                   |   |  | Owner                     |  |  |
|   |                                       |                          |  |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      |   | Officer (give title                      |   |  | r (specify                |  |  |
| (Last)  | (Fi                                   | rst) (                   | (Middle)                                     |           |                  | 3. Date of Earliest Transaction (Month/Day/Year)                   |                               |                                |                                     |                         |            |                         |                  |                                      |   | below                                    | ,   | belov                                  | V)                        |  |  |
| C/O ARDELYX, INC.   |                                       |                          |  |           |                  |  | 09/01/2015                    |                                |                                     |                         |            |                         |                  |                                      | VP, General Counsel   |  |   |  |                           |  |  |
|   |                                       |                          | TE 100                                       |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      |   |  |   |  |                           |  |  |
| 34175 ARDENWOOD BLVD, SUITE 100                               |                                       |                          |  |           |                  | A If Amondment Date of Original Filed (Month/D-::N/)               |                               |                                |                                     |                         |            |                         |                  |                                      | C. Individual on Taint/Course Filipp (Object A. 17. 11.                 |  |   |  |                           |  |  |
| ,   |                                       |                          |  |           | .   4. II        | 4. If Amendment, Date of Original Filed (Month/Day/Year)           |                               |                                |                                     |                         |            |                         |                  |                                      | 6. Individual or Joint/Group Filing (Check Applicable Line)             |  |   |  |                           |  |  |
| (Street)  |                                       |                          |  |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      | X Form filed by One Reporting Person                                    |  |   |  |                           |  |  |
| FREMONT CA 94555  |                                       |                          |  |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      | , , ,   |  |   |  |                           |  |  |
|   |                                       |                          |  |           | .                |  |                               |                                |                                     |                         |            |                         |                  |                                      |   |  | Form filed by More than One Reporting<br>Person |  |                           |  |  |
| (City)  | (SI                                   | tate) (                  | Zip)   |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      |   |  |   |  |                           |  |  |
| . ,,  | `                                     |                          |  |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      |   |  |   |  |                           |  |  |
|   |                                       | Tab                      | le I - Nor                                   | າ-Deriv   | ative            | Se   | curitie                       | es Acc                         | quired,                             | Dis                     | posed o    | f, o                    | r Ben            | efici                                | ally O  | wne                                      | d   |  |                           |  |  |
| 1. Title of S   | Security (Inst                        | tr. 3)                   |  | 2. Transa | action           |  | 2A. Deer                      | ned                            | 3.                                  |                         | 4. Securit | ties A                  | cquired          | (A) or                               | or 5. Amount of   |  |   | 6. Ownership                           | 7. Nature                 |  |  |
|   | , , , , , , , , , , , , ,             | <b>-,</b>                |  | Date      | >==/V=           | Exe  |                               | xecution Date,                 |                                     | Transaction             |            | l Of (D) (Instr. 3, 4   |                  | 3, 4 a                               | and Secur<br>Benef  |  |   | Form: Direct<br>(D) or Indirect        | of Indirect<br>Beneficial |  |  |
|   |                                       |                          |  | (MONUNE   | (Month/Day/Year) |  | if any<br>(Month/Day/Year)    |                                | Code (Instr.   5)<br>)   8)         |                         | ا (ا       |                         |                  |                                      | Owr   |  | Following                                       | (I) (Instr. 4)                         | Ownership                 |  |  |
|   |                                       |                          |  |           |                  |  |                               |                                |                                     |                         |            | (A) or                  |                  |                                      |   | Reported<br>Transaction(s)               |   |  | (Instr. 4)                |  |  |
|   |                                       |                          |  | Code      | l۷               | Amount   |                               |                                |                                     | (A) or<br>(D)           | Price      |                         | (Instr. 3 and 4) |                                      |   |  |   |  |                           |  |  |
| Common Stock 09/01/   |                                       |                          |  |           |                  | /2015  |                               |                                | S <sup>(1)</sup>                    |                         | 893(2)     |                         | D \$18           |                                      | 3.32 0  |  | D   |  |                           |  |  |
|   |                                       |                          |  |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      |   |  |   |  |                           |  |  |
|   |                                       | Ta                       | able II - D                                  |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      | y Owı   | ned                                      |   |  |                           |  |  |
|   |                                       |                          | (  | e.g., pı  | uts, c           | alls   | s, warı                       | ants,                          | option                              | s, c                    | onvertib   | le s                    | securi           | ties)                                |   |  |   |  |                           |  |  |
| 1. Title of   | 2.                                    | 3. Transaction           | 3A. Deem                                     | ed        | 4.               | 4.   |                               | 5. Number                      |                                     | 6. Date Exercisable and |            |                         | 7. Title and     |                                      | 8. Price o  |  | 9. Number o                                     |  | 11. Nature                |  |  |
| Derivative<br>Security  | Conversion<br>or Exercise<br>Price of | Date<br>(Month/Day/Year) | Execution Date,<br>if any<br>(Month/Day/Year |           | Code (Inst       |  | str. Derivative<br>Securities |                                | Expiration Date<br>(Month/Day/Year) |                         |            | Amount of<br>Securities |                  | Derivative<br>Security<br>(Instr. 5) |   | derivative<br>Securities<br>Beneficially | Ownership<br>Form:                              | of Indirect<br>Beneficial<br>Ownership |                           |  |  |
| (Instr. 3)  |                                       | (World // Day/ Tear)     |  |           |                  |  |                               |                                |                                     |                         |            |                         | Underlying       |                                      |   |  | Direct (D)                                      |  |                           |  |  |
|   | Derivative<br>Security                |                          |  |           |                  |  |                               | Acquired<br>(A) or<br>Disposed |                                     | D<br>S<br>a             |            |                         |                  | str. 3                               |   |  | Owned<br>Following                              | or Indirect<br>(I) (Instr. 4)          |                           |  |  |
|   | Jecunity                              |                          |  |           |                  |  | Disp                          |                                |                                     |                         |            |                         |                  | 3u. 3                                | ´   | - 1                                      | Reported  | ["                                     |                           |  |  |
|   |                                       |                          |  |           |                  | of (D)<br>(Instr. 3, 4<br>and 5)                                   |                               |                                |                                     |                         |            |                         |                  |                                      |   | Transaction(s)<br>(Instr. 4)             | (s)   |  |                           |  |  |
|   |                                       |                          |  |           |                  |  |                               |                                |                                     |                         |            |                         |                  |                                      |   | (moan 4)                                 |   |  |                           |  |  |
|   |                                       |                          |  | Ī         |                  |  |                               |                                |                                     |                         |            |                         | Am               | ount                                 | 1   |  |   |  |                           |  |  |
|   |                                       |                          |  |           |                  |  |                               |                                |                                     |                         |            |                         | or               |                                      |   |  |   |  |                           |  |  |
|   |                                       |                          |  |           |                  |  |                               |                                | Date                                |                         | Expiration |                         | of               | nber                                 |   |  |   |  |                           |  |  |
|   |                                       | 1                        | I  | - 1       | Code             | l۷   | (A)                           | (D)                            | Exercisa                            | ble                     | Date       | Title                   | e Sha            | ıres                                 |   | - 1                                      |   |  | 1                         |  |  |

#### **Explanation of Responses:**

- 1. Transaction made pursuant to a 10b5-1 trading plan adopted by the Reporting Person on June 15, 2015.
- $2. \ Consists \ of \ 893 \ shares \ acquired \ under \ the \ Issuer's \ Employee \ Stock \ Purchase \ Plan \ on \ August \ 31, \ 2015.$

### Remarks:

/s/ Elizabeth Grammer 09/03/2015

Date

\*\* 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.

(A) (D)