

| OMB APPROVAL                                 |           |
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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 or Section 30(h) of the Investment Company Act of 1940

|  |   |   |
|--|---|---|
| 1. Name and Address of Reporting Person*<br><u>Brady Todd C</u><br><br>(Last) (First) (Middle)<br><u>C/O ALDEYRA THERAPEUTICS, INC.</u><br><u>131 HARTWELL AVENUE</u><br><br>(Street)<br><u>LEXINGTON MA 02421</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>Aldeyra Therapeutics, Inc. [ ALDX ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>President and CEO</u> |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>03/05/2019</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  |   |  |   |
| Common Stock                    | 03/05/2019                           |  | A                              |   | 250,000 <sup>(1)</sup>  | A          | \$0.00 | 556,054 <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 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 |
| Employee Stock Option (Right to Buy)       | \$8.05   | 03/05/2019                           |  | A                              |   | 250,000  |     | (3)  | 03/04/2029      | Common Stock  | 250,000                                    | \$0.00   | 250,000   | D  |       |
| Bonus Units                                | \$8.05 <sup>(4)</sup>                                  | 03/05/2019                           |  | A                              |   | 45,329   |     | (4)  | (4)             | Common Stock  | 45,329                                     | \$0.00   | 45,329  | D  |       |

**Explanation of Responses:**

- Represents shares of common stock underlying a time-based restricted stock unit award (RSU). The RSU vests ratably in equal annual installments over a four-year period beginning on January 1, 2019, provided that the Reporting Person has provided continuous service to the Issuer through the applicable vesting date.
- Includes 3,571 shares of common stock acquired under the Issuer's Employee Stock Purchase Plan (ESPP) in 2018.
- The shares subject to this option shall vest in equal monthly installments over the next 48 months of continuous service to the Issuer after January 1, 2019.
- The bonus units vest in four (4) annual installments from the date of grant and entitle the Reporting Person to receive a cash payment, on the earlier of (i) four (4) years from the date of grant or (ii) a Change of Control of the Issuer (as defined in the grant documents), equal in value to the amount by which the then value of the Issuer's common stock exceeds the base value of \$8.05.

**Remarks:**

/s/ Todd C. Brady 03/07/2019

\*\* 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.

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.