FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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| | OMB Number: | 3235-0287 |
| | Estimated average burden | |
| - | 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).

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

| Name and Address of Reporting Person* Guse Kyle | | | | | | 2. Issuer Name and Ticker or Trading Symbol ATOSSA GENETICS INC [ATOS] | | | | | | | ationship of I k all applicat Director Officer (g | ole) | 10% Othe | Owner er (specify | |
|--|---|--|---|--------------|--|--|------|--|------|-------------------------|---|--|--|---|--|---|--|
| | | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 03/16/2015 | | | | | | | X below) See Remarks | | | | |
| (Street) SEATTL | E W | /A | 98102 | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | - 1 | Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| (City) | (S | itate) | (Zip) | | | | | | | | | | , , , | | | | |
| | | 7 | able I - Non-D | eriva | tive S | Securities | s Ac | quired, D | ispo | osed of, | or Bene | eficially (| Owned | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | | action 2A. Deemed Execution Date if any (Month/Day/Yea | | | Code (Instr. | | | | 5. Amount Securities Beneficially Owned Fol | y (D | Ownership orm: Direct) or Indirect (Instr. 4) | 7. Nature of Indirect Beneficial Ownership | | |
| | | | | | | | | Code | , | Amount | (A) or (D) | Price | Reported Transaction (Instr. 3 and | | | (Instr. 4) | |
| 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) | Code (Instr. | | | | 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 derivative Securities Beneficially Owned Following Reported Transaction | Owner Form: Direct or Indi (I) (Insi | Beneficial Ownership ect (Instr. 4) | |
| | | | | Code | v | (A) | (D) | Date Exercisable | | piration te | Title | Amount or Number of Shares | | (Instr. 4) | | | |
| Stock Options | \$1.88 | 03/16/2015 | | A | | 190,000 ⁽¹⁾ | | (2) | 03/ | /16/2025 ⁽³⁾ | Common Stock | 190,000 | \$0 | 190,000 | D | | |

Explanation of Responses:

- $1. \ Represents the \ maximum \ number \ of \ shares \ is suable \ pursuant \ to \ the \ stock \ option \ grant.$
- $2.\ \mbox{Vests}$ and becomes exercisable on a quarterly basis over a four-year period.
- 3. Stock option has a maximum 10-year term.

Remarks:

CFO, General Counsel and Secretary

<u>/s/ Kyle Guse</u> <u>03/18/2015</u>

** 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.