

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

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* <u>Carbonaro Peter J.</u>  (Last) (First) (Middle) <u>C/O ATOSSA GENETICS INC.</u> <u>1616 EASTLAKE AVE. EAST, SUITE 510</u>  (Street) <u>SEATTLE WA 98102</u>  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>05/06/2014</u>	3. Issuer Name and Ticker or Trading Symbol <u>ATOSSA GENETICS INC [ ATOS ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director _____ 10% Owner _____ <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Sr. Vice President, Operations</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
---------------------------------	---	--	---

**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Option (right to buy)	(1)	06/03/2023	Common Stock	87,000	4.58	D	
Stock Option (right to buy)	(1)	06/03/2023	Common Stock	163,000	4.58	D	
Stock Option (right to buy)	(2)	01/08/2024	Common Stock	62,500	2.2	D	
Stock Option (right to buy)	(2)	05/06/2024	Common Stock	45,000	1.22	D	

**Explanation of Responses:**

- The option shall vest on a quarterly basis over four years. The option shall vest with respect to one-quarter of the underlying shares on the first anniversary of the grant date and then vest with respect to 1/16th of the underlying shares quarterly thereafter so that the option is fully vested and exercisable on the fourth anniversary of the grant date.
- The option shall vest on a quarterly basis over the next four years.

/s/ Peter J. Carbonaro 05/08/2014

\*\* 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 5 (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.