

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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>Walsh Robert F. III</u>	2. Date of Event Requiring Statement (Month/Day/Year) 11/27/2017	3. Issuer Name and Ticker or Trading Symbol <u>INTREXON CORP [XON]</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>SVP, Methanotroph & Fine Chem.</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) <u>20374 SENECA MEADOWS PARKWAY</u>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(Street) <u>GERMANTOWN MD 20876</u>			
(City) (State) (Zip)			

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)
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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			
Option to Purchase Common Stock (Right to Buy)	05/28/2017	05/28/2023	Common Stock	118,772	9.3	D	
Option to Purchase Common Stock (Right to Buy)	(1)	03/20/2024	Common Stock	103,926	29.56	D	
Option to Purchase Common Stock (Right to Buy)	(2)	02/02/2027	Common Stock	225,000	20.94	D	

Explanation of Responses:

- This option vests in 25% increments on each of March 20, 2015, 2016, 2017, and 2018.
- This option vests in 25% increments on each of February 2, 2018, 2019, 2020, and 2021.

Remarks:

/s/ Robert F. Walsh, III by
Donald P. Lehr, as attorney-in- 12/07/2017
fact

** 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.