INTREXON CORP Form SC 13D/A January 05, 2015

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13D

(Amendment No. 1)*

Under the Securities Exchange Act of 1934

INTREXON CORPORATION

(Name of Issuer)

Common Stock

(Title of Class of Securities)

46122T102

(CUSIP Number)

Third Security, LLC
1881 Grove Avenue
Radford, Virginia 24141
Attention: Marcus E. Smith, Esq.
(540) 633-7900
(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)

Copy to:

John Owen Gwathmey, Esq. David I. Meyers, Esq. Troutman Sanders LLP Troutman Sanders Building 1001 Haxall Point Richmond, Virginia 23219 (804) 697-1239

December 31, 2014

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(b)(3) or (4), check the following box .

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

```
CUSIP No. 46122T102 Page 2 of 10
 NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
 RANDAL J. KIRK
2CHECK THE APPROPRIATE BOX IF A MEMBER OF GROUP
(a)
 (b)
3SEC USE ONLY
<sub>4</sub>SOURCE OF FUNDS
5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED
 PURSUANT TO ITEM 2(d) OR
 CITIZENSHIP OR PLACE OF ORGANIZATION
6
 United States
             7 SOLE VOTING POWER
               61,180,554
NUMBER OF
             8 SHARED VOTING POWER
SHARES
BENEFICIALLY
OWNED BY
EACH
             9 SOLE DISPOSITIVE POWER
REPORTING
PERSON WITH
               61,180,554
               SHARED DISPOSITIVE POWER
             10
               0
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
  61,180,554
12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES
  CERTAIN SHARES
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
  60.9%
14 TYPE OF REPORTING PERSON IN
```

```
CUSIP No. 46122T102 Page 3 of 10
 NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
<sup>1</sup>THIRD SECURITY, LLC
 I.R.S. IDENTIFICATION NO.: 54-1923091
2CHECK THE APPROPRIATE BOX IF A MEMBER OF GROUP
 (a)
 (b)
3SEC USE ONLY
4 SOURCE OF FUNDS
 WC
5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED
 PURSUANT TO ITEM 2(d) OR 2(e)
 CITIZENSHIP OR PLACE OF ORGANIZATION
6
 Virginia
             7 SOLE VOTING POWER
               56,185,314
NUMBER OF
             8 SHARED VOTING POWER
SHARES
BENEFICIALLY
               0
OWNED BY
EACH
             9 SOLE DISPOSITIVE POWER
REPORTING
PERSON WITH
               56,185,314
               SHARED DISPOSITIVE POWER
             10
               0
  AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
  56,185,314
CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES
  CERTAIN SHARES
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)
```

55.9%

14 TYPE OF REPORTING PERSON OO – limited liability company

```
Edgar Filing: INTREXON CORP - Form SC 13D/A
CUSIP No. 46122T102 Page 4 of 10
 NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
<sup>1</sup> NEW RIVER MANAGEMENT V, LP
 I.R.S. IDENTIFICATION NO.: 56-2652938
2CHECK THE APPROPRIATE BOX IF A MEMBER OF GROUP
 (a)
 (b)
3SEC USE ONLY
4 SOURCE OF FUNDS
 WC
5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED
 PURSUANT TO ITEM 2(d) OR 2(e)
 CITIZENSHIP OR PLACE OF ORGANIZATION
6
 Virginia
             7 SOLE VOTING POWER
               22,636,052
NUMBER OF
             8 SHARED VOTING POWER
SHARES
BENEFICIALLY
               0
OWNED BY
EACH
             9 SOLE DISPOSITIVE POWER
REPORTING
PERSON WITH
               22,636,052
               SHARED DISPOSITIVE POWER
             10
               0
  AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
```

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11)

22,636,052

22.5%

CERTAIN SHARES

14 TYPE OF REPORTING PERSON OO – limited liability company

```
CUSIP No. 46122T102 Page 5 of 10
 NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
<sup>1</sup>NRM VI HOLDINGS I, LLC
 I.R.S. IDENTIFICATION NO.: 27-1471440
2CHECK THE APPROPRIATE BOX IF A MEMBER OF GROUP
 (a)
 (b)
3SEC USE ONLY
4 SOURCE OF FUNDS
 WC
5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED
 PURSUANT TO ITEM 2(d) OR 2(e)
 CITIZENSHIP OR PLACE OF ORGANIZATION
6
 Virginia
```

7 SOLE VOTING POWER

13,340,645

NUMBER OF 8 SHARED VOTING POWER **SHARES BENEFICIALLY** 0 OWNED BY **EACH** 9 SOLE DISPOSITIVE POWER **REPORTING** PERSON WITH 13,340,645 SHARED DISPOSITIVE POWER 10

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 13,340,645

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES

CERTAIN SHARES

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 13.3%

TYPE OF REPORTING PERSON OO – limited liability company

```
CUSIP No. 46122T102 Page 6 of 10
 NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
<sup>1</sup>KAPITAL JOE, LLC
 I.R.S. IDENTIFICATION NO.: 45-2595931
2CHECK THE APPROPRIATE BOX IF A MEMBER OF GROUP
 (a)
 (b)
3SEC USE ONLY
4 SOURCE OF FUNDS
 WC
5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED
 PURSUANT TO ITEM 2(d) OR 2(e)
 CITIZENSHIP OR PLACE OF ORGANIZATION
6
 Virginia
```

7 SOLE VOTING POWER

5,746,167

NUMBER OF **8 SHARED VOTING POWER SHARES BENEFICIALLY** 0 OWNED BY **EACH** 9 SOLE DISPOSITIVE POWER **REPORTING** PERSON WITH 5,746,167

SHARED DISPOSITIVE POWER

10 0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,746,167

12 CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES

CERTAIN SHARES

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 5.7%

TYPE OF REPORTING PERSON OO – limited liability company

```
CUSIP No. 46122T102 Page 7 of 10
 NAMES OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
<sup>1</sup>MASCARA KABOOM, LLC
 I.R.S. IDENTIFICATION NO.: 46-1263883
2CHECK THE APPROPRIATE BOX IF A MEMBER OF GROUP
 (a)
 (b)
3SEC USE ONLY
4 SOURCE OF FUNDS
 WC
5 CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED
 PURSUANT TO ITEM 2(d) OR 2(e)
 CITIZENSHIP OR PLACE OF ORGANIZATION
6
 Virginia
```

7 SOLE VOTING POWER

5,428,401

NUMBER OF 8 SHARED VOTING POWER **SHARES BENEFICIALLY** 0 OWNED BY **EACH** 9 SOLE DISPOSITIVE POWER **REPORTING** PERSON WITH 5,428,401 SHARED DISPOSITIVE POWER 10 0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,428,401

CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES

CERTAIN SHARES

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 5.4%

TYPE OF REPORTING PERSON

OO – limited liability company

CUSIP No. 46122T102 Page 8 of 10

This Amendment No. 1 (the "Amendment") amends and supplements the Statement on Schedule 13D, dated March 27, 2014 and filed on April 7, 2014 (the "Original Schedule 13D"), relating to the Common Stock, no par value per share (the "Common Stock"), of Intrexon Corporation, a Virginia corporation (the "Company"). Mr. Randal J. Kirk ("Mr. Kirk"), Third Security, LLC, a Virginia limited liability company that is controlled by Mr. Kirk ("Third Security"), Kapital Joe, LLC, a Virginia limited liability company that is managed by Third Security ("Kapital Joe"), Mascara Kaboom, LLC, a Virginia limited liability company that is managed by Third Security ("Mascara Kaboom"), New River Management V, LP ("NRM V"), a Delaware limited partnership whose general partner is managed by Third Security, and NRM VI Holdings I, LLC, a Delaware limited liability company that is managed by an affiliate that is managed by Third Security ("NRM VI Holdings" and, together with Mr. Kirk, Third Security, Kapital Joe, Mascara Kaboom and NRM V, the "Reporting Persons") are filing this Amendment to disclose the distribution of 1,679,578 shares of Common Stock in connection with the liquidation of NewVa Capital Partners, LP, a Virginia limited partnership whose general partner is managed by Third Security ("NewVa"). In connection with such liquidation, 344,258 of such shares are being distributed to Mr. Kirk and entities under the common control of Mr. Kirk.

Item 4. <u>Purpose of Transaction</u>.

Item 4 of the Original Schedule 13D is hereby amended and supplemented as follows:

The Reporting Persons are filing this Amendment to disclose the distribution of 1,679,578 shares of Common Stock in connection with the liquidation of NewVa pursuant to its Agreement of Limited Partnership dated June 11, 2004 and amendments thereto. In connection with the liquidation, 344,258 of such shares are being distributed to Mr. Kirk and entities under the common control of Mr. Kirk.

Item 5. Interest in Securities of the Issuer.

Items 5(a) and (b) of the Original Schedule 13D are hereby amended and restated to read in their entirety as follows:

(a) and (b) See items 11 and 13 of the cover pages to this Statement for the aggregate number of shares and percentage of issued and outstanding shares of Common Stock of the Company owned by the Reporting Persons. The percentage ownership is calculated based on 100,517,672 shares of Common Stock issued and outstanding as of November 7, 2014 as disclosed in the Intrexon Corporation Quarterly Report on Form 10-Q for the period ended September 30, 2014 and filed on November 13, 2014, increased by options to purchase 11,428 shares of Common Stock held by Mr. Kirk that are exercisable within sixty (60) days.

Reporting Person	Amount of Common Stock Beneficially Owned	Percent of Class	Sole Power to Vote or Direct the Vote	Shared Power to Vote or Direct the Vote	Sole Power to Dispose or to Direct the Disposition	Shared Power to Dispose or to Direct the Disposition
Randal J. Kirk	61,180,554	60.9%	61,180,554		61,180,554	
Third Security, LLC	56,185,314	55.9%	56,185,314		56,185,314	
New River Management V, LP	22,636,052	22.5%	22,636,052		22,636,052	
NRM VI Holdings I, LLC	13,340,645	13.3%	13,340,645		13,340,645	
Kapital Joe, LLC	5,746,167	5.7%	5,746,167		5,746,167	
Mascara Kaboom, LLC	5,428,401	5.4%	5,428,401		5,428,401	

CUSIP No. 46122T102 Page 9 of 10

Mr. Kirk could be deemed to have indirect beneficial ownership of the shares of Common Stock directly beneficially owned by Kapital Joe, Mascara Kaboom, NRM V and NRM VI Holdings. Mr. Kirk controls Third Security which is the manager of Kapital Joe, Mascara Kaboom and which manages the general partner of NRM V and the manager of NRM VI Holdings.

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer.

The Reporting Persons' response to Item 4 is incorporated herein by reference.

Item 7. Material to be Filed as Exhibits.

Exhibit Joint Filing Agreement, dated as of January 5, 2015, by and among Randal J. Kirk, Third Security, LLC, Kapital Joe, LLC, Mascara Kaboom, LLC, New River Management V, LP and NRM VI Holdings I, LLC.

CUSIP No. 46122T102 Page 10 of 10

SIGNATURES

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Date: January 5, 2015

/s/ Randal J. Kirk Randal J. Kirk

THIRD SECURITY, LLC

By:/s/ Randal J. Kirk Randal J. Kirk Manager

KAPITAL JOE, LLC

By:/s/ Randal J. Kirk Randal J. Kirk Manager

MASCARA KABOOM, LLC

By:/s/ Randal J. Kirk Randal J. Kirk Manager

NEW RIVER MANAGEMENT V, LP

By:/s/ Randal J. Kirk Randal J. Kirk Manager

NRM VI HOLDINGS I, LLC

By:/s/ Randal J. Kirk Randal J. Kirk Manager

EXHIBIT INDEX

Exhibit Joint Filing Agreement, dated as of January 5, 2015, by and among Randal J. Kirk, Third Security, LLC, LC, Kapital Joe, LLC, Mascara Kaboom, LLC, New River Management V, LP and NRM VI Holdings I, LLC.