FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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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			uer Name and Tick DPHARM ON				(Che	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner								
(Last) C/O THIRD SEC 1881 GROVE AV			te of Earliest Transa 0/2016	action (I	Month	/Day/Year)		Officer (give title Other (specify below) below)								
(Street) RADFORD VA 24141				4. If A	amendment, Date of	f Origina	al File	d (Month/Day/\	Line)	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person X Form filed by More than One Reporting Person						
(City)	(State)	(Zip)														
4 Title of Consuits (Table I - N	on-Deriva		Securities Acc	uired	, Dis	sposed of,			Owned 5. Amount of	6. Ownership	7. Nature of			
1. Title of Security (Instr. 3)			Date (Month/Day		Execution Date, if any (Month/Day/Year)	Transaction Code (Instr. 8)		Disposed Of (D) (Instr.	3, 4 and	Securities Beneficially Owned Following	Form: Direct (D) or Indirect (I) (Instr. 4)	Indirect Beneficial Ownership			
						Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)			
Common Stock			12/30/2	2016		A		17,204(1)	A	\$0	139,513	D				
Common Stock											3,479,685	I	by R.J. Kirk DOT ⁽²⁾			
Common Stock											23,349	I	by JPK 2008 ⁽²⁾			
Common Stock											23,504	I	by MGK 2008 ⁽²⁾			
Common Stock											40,954	I	by ZSK 2008 ⁽²⁾			
Common Stock											240	I	by Lotus ⁽²⁾			
Common Stock											53,245	I	by Staff 2001 ⁽²⁾			
Common Stock											9,537	I	by Sr. Staff ⁽²⁾			
Common Stock											337,333	I	by JPK 2009 ⁽²⁾			
Common Stock											358,386	I	by MGK 2009 ⁽²⁾			
Common Stock											34,318	I	by ZSK 2009 ⁽²⁾			
Common Stock											29,066	I	by ADC 2010 ⁽²⁾			
Common Stock											154,181	I	by MGK 2011 ⁽²⁾			
Common Stock											138,975	I	by JPK 2012 ⁽²⁾			
Common Stock											61,262	I	by Kellie L. Banks LTT ⁽²⁾			
Common Stock											2,359,608	I	by Kapital Joe ⁽³⁾			
Common Stock											889,513	I	by Mascara Kaboom ⁽³⁾			

		Tab	le I - No	on-Deri	vative	e Se	ecuritie	s Ac	quired	, Dis	sposed (of, or E	Benefi	iciall	y Owne	d			
1. Title of Security (Instr. 3)				2. Transaction Date (Month/Day/Year)		r) Ē	2A. Deemed Execution Date, if any (Month/Day/Year)		3. Transa Code (8)	ction Instr.	4. Securities Acquire Disposed Of (D) (Ins 5)				5. Amount of Securities Beneficially Owned Following		6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership
									Code	v	Amount	(A) (D)	or Pr	ice	Reported Transacti (Instr. 3 a	ion(s)			(Instr. 4)
Common Stock															395	,791	I		by Senior Staff 2008 ⁽³⁾
Common Stock															222,680				by Staff 2010 ⁽³⁾
Common Stock														111,339			I	by Incentive 2010 ⁽³⁾	
Common Stock														352,477			I	by Senior Staff 2007 ⁽³⁾	
Common Stock														176,238				by Staff 2007 ⁽³⁾	
Common Stock													58,746			I	by Incentive 2007 ⁽³⁾		
Common Stock														173,111				by Staff 2009 ⁽³⁾	
Common Stock													86,556			I	by Incentive 2009 ⁽³⁾		
		Т	able II -								osed of				Owned		•	•	
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deen Executio if any (Month/D			actio	5. Number 6		6. Date Exercise Expiration Date (Month/Day/Yea		able and 7. Title and Amount of Securities Underlying		and nt of ties lying tive Security		8. Price of Derivative Security (Instr. 5) Benefic Owned Followin Reporte Transac (Instr. 4)		ve Ownersh ies Form: ially Direct (D or Indirect (I) (Instr.		Beneficia Ownershi t (Instr. 4)
					Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	or	ount nber res					
Series 1 Preferred Stock	(4)	12/30/2016		J			1,051		(4)		(4)	Commo Stock		4)	(5)	106,184		I	by Intrexon ⁽⁶
	nd Address of	Reporting Person*					[
						_													
(Last) (First) (Middle) C/O THIRD SECURITY, LLC																			
	ROVE AVE																		
(Street) RADFORD VA 241			141																
(City) (State) (Zip)																			
	nd Address of	Reporting Person*																	

GERMANTOWN MD

(First)

(State)

20374 SENECA MEADOWS PARKWAY

C/O LEGAL DEPARTMENT

(Middle)

20876

(Zip)

(Last)

(Street)

(City)

- 1. Restrictions related to the grant of restricted stock will lapse one year from the grant date.
- 2. Randal J. Kirk controls each of Randal J. Kirk Declaration of Trust ("R.J. Kirk DOT"), JPK 2008, LLC ("JPK 2008"), MGK 2008, LLC ("MGK 2008"), ZSK 2008, LLC ("ZSK 2008"), Lotus Capital (2000) Co., Inc. ("Lotus"), Third Security Staff 2001 LLC ("Staff 2001"), Third Security Senior Staff LLC ("Sr. Staff"), JPK 2009, LLC ("JPK 2009"), MGK 2009, LLC ("MGK 2009"), ZSK 2009"), ZSK 2009, LLC ("ZSK 2009"), ADC 2010, LLC ("ADC 2010"), MGK 2011, LLC ("MGK 2011"), JPK 2012, LLC ("JPK 2012") and Kellie L. Banks (2009) Long Term Trust ("Kellie L. Banks LTT"). Shares held by these entities may be deemed to be beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.
- 3. Randal J. Kirk controls each of Kapital Joe, LLC ("Kapital Joe"), Mascara Kaboom, LLC ("Mascara Kaboom"), Third Security Senior Staff 2008 LLC ("Senior Staff 2008"), Third Security Staff 2010 LLC ("Staff 2010"), Third Security Incentive 2010 LLC ("Incentive 2010"), Third Security Staff 2007 LLC ("Senior Staff 2007"), Third Security Staff 2007"), Third Security Incentive 2007 LLC ("Incentive 2007"), Third Security Staff 2009 LLC ("Staff 2009") and Third Security Incentive 2009 LLC ("Incentive 2009"). Shares held by these entities may be deemed to be beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.
- 4. Each share of Series 1 Preferred Stock ("Preferred Stock") has a stated value of \$1,200, subject to appropriate adjustment in the event of any stock dividend, stock split, combination or other recapitalization with respect to the shares of Preferred Stock. The shares of Preferred Stock shall automatically convert into shares of the issuer's common stock upon the date of commercialization of a product pursuant to the collaboration between Intrexon Corporation ("Intrexon") and the issuer, subject to conversion limitations set forth in the Securities Issuance Agreement entered into between the issuer and Intrexon on June 29, 2016 (the "Issuance Agreement"). The conversion price in connection with such automatic conversion shall be determined as set forth in the Amended and Restated Certificate of Designation, Preferences and Rights of Series 1 Preferred Stock, which the issuer has filed as an exhibit to its Amendment to Current Report on Form 8-K/A, dated July 1, 2016.
- 5. Intrexon received the shares of Preferred Stock as payment-in-kind dividends in connection with its ownership of shares of Preferred Stock. The holders of Preferred Stock are entitled to receive a monthly dividend payable in additional shares of Preferred Stock equal to \$12.00 per share of Preferred Stock per month (subject to adjustment), divided by the stated value of \$1,200, rounded down to the nearest whole share.
- 6. Randal J. Kirk, directly and through certain affiliates, has voting and dispositive power over a majority of the outstanding capital stock of Intrexon. Mr. Kirk may therefore be deemed to have voting and dispositive power over the shares of the issuer owned by Intrexon. Shares held by Intrexon may be deemed to be indirectly beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.

 /s/ Randal J. Kirk
 12/30/2016

 /s/ Randal J. Kirk, CEO of Intrexon Corporation
 12/30/2016

 ** 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.