AmpliPhi Biosciences Corp Form SC 13D/A December 30, 2016

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, DC 20549

SCHEDULE 13D

(Amendment No. 3)*
Under the Securities Exchange Act of 1934

AMPLIPHI BIOSCIENCES CORPORATION

(Name of Issuer)

Common Stock, par value \$0.01 per share (Title of Class of Securities)

03211P103 (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:

Intrexon Corporation Attention: Legal 20374 Seneca Meadows Parkway Germantown, Maryland 20876 (301) 556-9809

December 30, 2016

(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).

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1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)					
	RA	NDAL J. KIRK				
2		ECK THE APPROPRIATE BOX IF IEMBER OF A GROUP	(a) (b)			
3	SEC	C USE ONLY				
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)					
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)					
6	ORG	IZENSHIP OR PLACE OF GANIZATION ted States				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 107,143				
	8	SHARED VOTING POWER 69,697				
	9	SOLE DISPOSITIVE POWER 107,143				
	10	SHARED DISPOSITIVE POWER 69,697				

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 176,840
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.06%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN

CUSIP No. 032111		Page 3 of 8 MES OF REPORTING PERSONS			
1	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)				
	I.R.	THIRD SECURITY, LLC I.R.S. IDENTIFICATION NO.: 54-1923091			
2		ECK THE APPROPRIATE BOX IF MEMBER OF A GROUP	(a)		
	SEC	C USE ONLY	(b)		
3					
4		URCE OF FUNDS (SEE TRUCTIONS)			
	WC	!			
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Virg	ginia			
NUMBER OF	7	SOLE VOTING POWER 107,143			
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SHARED VOTING POWER			
	8	0			
	9	SOLE DISPOSITIVE POWER			
		107,143			
	10	SHARED DISPOSITIVE POWER 0			

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 107,143
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.64%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO – limited liability company

CUSIP No. 032111	P103 Page 4 of 8 NAMES OF REPORTING PERSONS				
1	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)				
	NRM VII HOLDINGS I, LLC I.R.S. IDENTIFICATION NO.: 27-1471440				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	(a)			
3	SEC USE ONLY	(b)			
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)				
	WC				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Virginia				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	SOLE VOTING POWER 7 107,143				
	SHARED VOTING POWER 8 0				
	SOLE DISPOSITIVE POWER 9 107,143				
	SHARED DISPOSITIVE POWER				

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 107,143	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.64%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO – limited liability company	

CUSIP No. 03211F	103 Page 5 of 8 NAMES OF REPORTING PERSONS				
1	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)				
	INTREXON CORPORATION I.R.S. IDENTIFICATION NO.: 26-0084895				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP	l)			
	(b)			
3	SEC USE ONLY				
4	SOURCE OF FUNDS (SEE INSTRUCTIONS)				
	WC				
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E)				
6	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Virginia				
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	SOLE VOTING POWER 7 0				
	SHARED VOTING POWER 8				
	69,697				
	SOLE DISPOSITIVE POWER 9 0				
	SHARED DISPOSITIVE POWER 10 69,697				

11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 69,697
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 0.42%
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO

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This Amendment No. 3 (the "Amendment") amends and supplements the Statement on Schedule 13D, dated March 16, 2015 and filed on March 20, 2015, as amended by Amendment No. 1 dated and filed on April 15, 2016 and as amended by Amendment No. 2 dated November 12, 2016 and filed November 16, 2016 (the "Original Schedule 13D"), relating to the Common Stock, no par value per share (the "Common Stock"), of AmpliPhi Biosciences Corporation, a Washington corporation (the "Company"), filed by Mr. Randal J. Kirk ("Mr. Kirk"), Third Security, LLC ("Third Security"), a Virginia limited liability company that is managed by Mr. Kirk, NRM VII Holdings I, LLC ("NRM VII Holdings"), a Virginia limited liability company that is managed by an affiliate that is managed by Third Security, and Intrexon Corporation, a Virginia corporation that is controlled by Mr. Kirk ("Intrexon" and, together with Mr. Kirk, Third Security and NRM VII Holdings, the "Reporting Persons"). The Reporting Persons are filing this Amendment to disclose the sale of an aggregate of 1,587,359 shares of Common Stock held by the Reporting Persons in open market transactions between December 27, 2016 and December 30, 2016. Except as specifically amended by this Amendment, the Original Schedule 13D remains unchanged. Capitalized terms used but not defined in this Amendment carry meanings given to them in the Original Schedule 13D. This Amendment should be read in conjunction with the Original Schedule 13D.

Item 4. Purpose of Transaction.

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

The Reporting Persons are filing this Amendment to disclose the sale of 828,571 shares of Common Stock held by NRM VII Holdings, in open market transactions between December 27, 2016 and December 30, 2016, for aggregate gross proceeds of approximately \$317,953. Additionally, the Reporting Persons are filing this Amendment to disclose the sale of 758,788 shares of Common Stock held by Intrexon, in open market transactions between December 27, 2016 and December 30, 2016, for aggregate gross proceeds of approximately \$291,175. Pursuant to a joint selling program, NRM VII Holdings and Intrexon sold these shares on a pro rata basis.

Item 5. Interest in Securities of the Issuer.

Item 5 of the Original Schedule 13D is hereby amended and restated to read in its entirety as follows:

The information contained on the cover pages to this Statement and the information set forth or incorporated in Items 4 is incorporated herein by reference.

(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 beneficially owned by the Reporting Persons. The percentage ownership is calculated based on 11,120,394 shares of Common Stock issued and outstanding as of November 10, 2016 as reported on the Company's Quarterly Report on Form 10-Q filed with the SEC on November 10, 2016 for the period ending September 30, 2016 increased by (i) 5,335,000 shares of Common Stock issued in connection with a public offering of the Company on November 17, 2016 as reported on the Company's Current Report on Form 8-K dated and filed November 17, 2016 and (ii) 176,840 shares issuable by the Company pursuant to warrants held by the Reporting Persons that may be exercised within 60 days.

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Reporting Person	Amount of Common Stock Beneficially Owned	Percent of Class	Direct	Vote or	Sole Power to Dispose or to Direct the Disposition	Shared Power to Dispose or to Direct the Disposition
Randal J. Kirk	176,840	1.06%	107,143	69,697	107,143	69,697
Third Security, LLC	107,143	0.64%	107,143	-	107,143	-
NRM VII Holdings I, LLC	107,143	0.64%	107,143	-	107,143	-
Intrexon Corporation	69,697	0.42%	-	69,697	-	69,697

Mr. Kirk could be deemed to have indirect beneficial ownership of the shares of Common Stock directly beneficially owned by NRM VII Holdings and Intrexon.

(c) Except as set forth in this Item 5, none of the Reporting Persons have engaged in any transactions in the Common Stock in the past 60 days.

(d)-(e) Not Applicable

Item 7. Material to be Filed as Exhibits.

Item 7 of the Original Schedule 13D is amended by adding the following exhibit:

Exhibit Joint Filing Agreement, dated as of December 30, 2016, by and among Mr. Kirk, Third Security, NRM VII Holdings and Intrexon

CUSIP No. 03211P103 Page 8 of 8 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: December 30, 2016

/s/ Randal J. Kirk Randal J. Kirk

THIRD SECURITY, LLC

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

NRM VII HOLDINGS I, LLC

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

INTREXON CORPORATION

By:/s/ Randal J. Kirk Randal J. Kirk Chief Executive Officer

EXHIBIT INDEX

Exhibit Joint Filing Agreement, dated as of December 30, 2016, by and among Mr. Kirk, Third Security, NRM VII Holdings and Intrexon