

Report of Organizational Actions Affecting Basis of Securities

▶ See separate instructions.

Part I Reporting Issuer			
1 Issuer's name Intrexon Corporation		2 Issuer's employer identification number (EIN) 26-0084895	
3 Name of contact for additional information Thomas Shrader, PhD	4 Telephone No. of contact 301-556-9850	5 Email address of contact investors@intrexon.com	
6 Number and street (or P.O. box if mail is not delivered to street address) of contact 20374 Seneca Meadows Parkway		7 City, town, or post office, state, and Zip code of contact Germantown, MD 20876	
8 Date of action January 18, 2017		9 Classification and description Distribution of Shares of Common Stock of AquaBounty Technologies, Inc.	
10 CUSIP number 46122T102	11 Serial number(s) N/A	12 Ticker symbol XON	13 Account number(s) N/A

Part II Organizational Action Attach additional statements if needed. See back of form for additional questions.

14 Describe the organizational action and, if applicable, the date of the action or the date against which shareholders' ownership is measured for the action ▶ **On January 18, 2017, Intrexon Corporation ("Intrexon") completed a distribution of an aggregate of 1,776,557 shares of AquaBounty Technologies, Inc. ("AQB") common stock as a pro rata special distribution on shares of Intrexon common stock outstanding at the close of business on the record date of January 9, 2017 (the "Record Date"). Based on the number of Intrexon shares outstanding as of the Record Date, holders of Intrexon common stock received 0.014968 shares of AQB common stock in the distribution with respect to each outstanding share of Intrexon common stock they owned at the close of business on the Record Date.**

15 Describe the quantitative effect of the organizational action on the basis of the security in the hands of a U.S. taxpayer as an adjustment per share or as a percentage of old basis ▶ **See attached page for the response to this Item 15.**

16 Describe the calculation of the change in basis and the data that supports the calculation, such as the market values of securities and the valuation dates ▶ **The value of the AQB shares for purposes of the distribution, \$12.60 per share, was based on the average of the high and low prices of AquaBounty Technologies, Inc. common stock on January 18, 2017 on the AIM market of the London Stock Exchange. This value of 10.2125 pounds sterling was then converted to US Dollars at an exchange rate of \$1.23395 USD/GBP. The calculation of the change in Intrexon common stock basis is described in the response to Item 15.**


Part II Organizational Action (continued)

17 List the applicable Internal Revenue Code section(s) and subsection(s) upon which the tax treatment is based ▶ **Section 301(b) governs the determination of the amount of the distribution. Sections 301(c) and 316(a) govern the treatment of the amount distributed. Section 301(d) governs the basis of the distributed property.**

18 Can any resulting loss be recognized? ▶ **The only loss that may be recognized is any resulting loss from the disposition of fractional shares, as described in Step 4 of the response to Item 15.**

19 Provide any other information necessary to implement the adjustment, such as the reportable tax year ▶ **The reportable tax year of this transaction is the taxpayer's year that includes the distribution date of January 18, 2017, which for a calendar year taxpayer is 2017.**

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here
 Signature ▶  Date ▶ 1/26/18
 Print your name ▶ **Rick L. Sterling** Title ▶ **Chief Financial Officer**

Paid Preparer Use Only	Print/Type preparer's name	Preparer's signature	Date	Check <input type="checkbox"/> if self-employed	PTIN
	Firm's name ▶				Firm's EIN ▶
	Firm's address ▶				Phone no.

Intrexon Corporation
Attachment to Form 8937

Form 8937, Part II, Item 15

Describe the quantitative effect of the organizational action on the basis of the security in the hands of a U.S. taxpayer as an adjustment per share or as a percentage of old basis ►

An individual U.S. shareholder would determine the effect on its Intrexon common stock basis of each purchase or other acquisition of Intrexon common stock as follows:

1. Determine the number of AQB shares received, including fractional shares. This can be done by multiplying the number of Intrexon common shares held by the exchange ratio of 0.014968.
2. Determine the value of the AQB shares received, including fractional shares. This can be done by multiplying the result from Step 1 by \$12.60 per share.
3. Multiply the result of Step 2 by the percentage of the distribution that is not taxable as a dividend, which is zero. This product is the amount by which a shareholder should reduce their basis in Intrexon common stock. If this would result in a negative basis in Intrexon common stock, the amount of the negative basis is treated as a capital gain from the sale or exchange of Intrexon common stock, to be classified as short or long term based on the holding period of the Intrexon common stock. Intrexon has no accumulated earnings and profits as of December 31, 2016. However, Intrexon's earnings and profits for calendar year 2017 will result in all of the distribution being taxed as a dividend.
4. Each AQB share received, including fractional shares, will have an initial basis of \$12.60 per share. The cash received for a fractional share should be compared to the basis allocable to the fractional share, with any resulting gain or loss recognized. The holding period of the AQB shares for purposes of characterizing any future gain or loss therefrom begins on January 19, 2017.

For a discussion of the general tax treatment of this transaction to other types of shareholders, please refer to the Information Statement filed as Exhibit 99.1 to the Form 10-12B filed by AquaBounty Technologies, Inc. on December 29, 2016.