

MARRONE BIO INNOVATIONS INC  
Form SC 13D  
February 15, 2018

UNITED STATES

**SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

Schedule 13D

Under the Securities Exchange Act of 1934

**Marrone Bio Innovations, Inc.**

(Name of Issuer)

**Common Stock, par value \$0.00001 per share**

(Title of Class of Securities)

**57165B106**

(CUSIP Number)

**Wendy J. Hills**

**Waddell & Reed Financial, Inc.**

**6300 Lamar Avenue**

**Overland Park, Kansas 66202**

**(913) 236-2000**

*Copies to:*

**Glen J. Hettinger**

**Norton Rose Fulbright US LLP**

**2200 Ross Avenue, Suite 3600**

**Dallas, Texas 75201**

**(214) 855-8000**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

**February 5, 2018**

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(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 that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), 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. 57165B106

**(1) Names of Reporting Persons**

IVY INVESTMENT MANAGEMENT COMPANY TAX ID NO. 03-0481447

**(2) Check the Appropriate Box if a Member of a Group** (See Instructions)

- (a)
- (b)

**(3) SEC Use Only**

**(4) Source of Funds** (See Instructions)

AF (See Item 3)

**(5) Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)**

**(6) Citizenship or Place of Organization**

Delaware

**Number of Shares Beneficially Owned by Each Reporting Person With**

<b>(7) Sole Voting Power</b>	18,607,392 (See Item 5)
<b>(8) Shared Voting Power</b>	0
<b>(9) Sole Dispositive Power</b>	18,607,392 (See Item 5)
<b>(10) Shared Dispositive Power</b>	0

**(11) Aggregate Amount Beneficially Owned by Each Reporting Person**

18,607,392 (See Item 5)

**(12) Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)**

**(13) Percent of Class Represented by Amount in Row (11)**

17.8% (See Item 5)

**(14) Type of Reporting Person (See Instructions)**

IA

CUSIP No. 57165B106

**(1) Names of Reporting Persons**

WADDELL & REED INVESTMENT MANAGEMENT COMPANY TAX ID NO. 48-1106973

**(2) Check the Appropriate Box if a Member of a Group** (See Instructions)

- (a)
- (b)

**(3) SEC Use Only**

**(4) Source of Funds** (See Instructions)

AF (See Item 3)

**(5) Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)**

**(6) Citizenship or Place of Organization**

Kansas

**Number of Shares Beneficially Owned by Each Reporting Person With**

<b>(7) Sole Voting Power</b>	10,107,500 (See Item 5)
<b>(8) Shared Voting Power</b>	0
<b>(9) Sole Dispositive Power</b>	10,107,500 (See Item 5)
<b>(10) Shared Dispositive Power</b>	0

**(11) Aggregate Amount Beneficially Owned by Each Reporting Person**

10,107,500 (See Item 5)

**(12) Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)**

**(13) Percent of Class Represented by Amount in Row (11)**

9.8% (See Item 5)

**(14) Type of Reporting Person (See Instructions)**

IA

CUSIP No. 57165B106

**(1) Names of Reporting Persons**

WADDELL & REED, INC. TAX ID NO. 43-1235675

**(2) Check the Appropriate Box if a Member of a Group** (See Instructions)

- (a)
- (b)

**(3) SEC Use Only**

**(4) Source of Funds** (See Instructions)

AF (See Item 3)

**(5) Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)**

**(6) Citizenship or Place of Organization**

Delaware

**Number of Shares Beneficially Owned by Each Reporting Person With**

<b>(7) Sole Voting Power</b>	10,107,500 (See Item 5)
<b>(8) Shared Voting Power</b>	0
<b>(9) Sole Dispositive Power</b>	10,107,500 (See Item 5)
<b>(10) Shared Dispositive Power</b>	0

**(11) Aggregate Amount Beneficially Owned by Each Reporting Person**

10,107,500 (See Item 5)

**(12) Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)**

**(13) Percent of Class Represented by Amount in Row (11)**

9.8% (See Item 5)

**(14) Type of Reporting Person (See Instructions)**

BD



CUSIP No. 57165B106

**(1) Names of Reporting Persons**

WADDELL & REED FINANCIAL SERVICES, INC. TAX ID NO. 43-1414157

**(2) Check the Appropriate Box if a Member of a Group (See Instructions)**

- (a)
- (b)

**(3) SEC Use Only**

**(4) Source of Funds (See Instructions)**

AF (See Item 3)

**(5) Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)**

**(6) Citizenship or Place of Organization**

Missouri

**Number of Shares Beneficially Owned by Each Reporting Person With**

<b>(7) Sole Voting Power</b>	10,107,500 (See Item 5)
<b>(8) Shared Voting Power</b>	0
<b>(9) Sole Dispositive Power</b>	10,107,500 (See Item 5)
<b>(10) Shared Dispositive Power</b>	0

**(11) Aggregate Amount Beneficially Owned by Each Reporting Person**

10,107,500 (See Item 5)

**(12) Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)**

**(13) Percent of Class Represented by Amount in Row (11)**

9.8% (See Item 5)

**(14) Type of Reporting Person (See Instructions)**

HC

CUSIP No. 57165B106

**(1) Names of Reporting Persons**

WADDELL & REED FINANCIAL, INC. TAX ID NO. 51-0261715

**(2) Check the Appropriate Box if a Member of a Group (See Instructions)**

- (a)
- (b)

**(3) SEC Use Only**

**(4) Source of Funds (See Instructions)**

AF (See Item 3)

**(5) Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e)**

**(6) Citizenship or Place of Organization**

Delaware

**Number of Shares Beneficially Owned by Each Reporting Person With**

<b>(7) Sole Voting Power</b>	28,714,912 (See Item 5)
<b>(8) Shared Voting Power</b>	0
<b>(9) Sole Dispositive Power</b>	28,714,912 (See Item 5)
<b>(10) Shared Dispositive Power</b>	0

**(11) Aggregate Amount Beneficially Owned by Each Reporting Person**

28,714,912 (See Item 5)

**(12) Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions)**

**(13) Percent of Class Represented by Amount in Row (11)**

27.1% (See Item 5)

**(14) Type of Reporting Person (See Instructions)**

HC

### Explanatory Note

This Schedule 13D supersedes the Schedule 13G initially filed by Waddell & Reed Financial, Inc., Waddell & Reed Financial Services, Inc., Waddell & Reed, Inc., Waddell & Reed Investment Management Company, and Ivy Investment Management Company with the Securities and Exchange Commission (the SEC) on February 7, 2014, as amended by Amendment No. 1 filed with the SEC on June 10, 2014, Amendment No. 2 filed with the SEC on July 10, 2014, Amendment No. 3 filed with the SEC on February 13, 2015, Amendment No. 4 filed with the SEC on February 12, 2016, and Amendment No. 5 filed with the SEC on February 14, 2017 (collectively, the Waddell Schedule 13G), with respect to the securities that are the subject of this Schedule 13D pursuant to Rule 13d-1(b) under the Securities Exchange Act of 1934, as amended (the Act).

#### Item 1. Security and Issuer.

This Schedule 13D relates to the shares of common stock, par value \$0.00001 per share (Common Stock), of Marrone Bio Innovations, Inc., a Delaware corporation (the Issuer), whose principal executive offices are located at 1540 Drew Avenue, Davis, California 95618.

#### Item 2. Identity and Background.

This statement is jointly filed by Waddell & Reed Financial, Inc., a Delaware corporation (WDR), Waddell & Reed Financial Services, Inc., a Missouri corporation (WRFSI), Waddell & Reed, Inc., a Delaware corporation (WRI), Waddell & Reed Investment Management Company, a Kansas corporation (WRIMCO), and Ivy Investment Management Company, a Delaware corporation (IICO). Each of the foregoing is referred to as a Reporting Person and collectively as the Reporting Persons.

The principal office and business address of each of the Reporting Persons is 6300 Lamar Avenue, Overland Park, Kansas 66202. The principal business of WDR is to serve as a parent holding company for WRFSI and IICO. The principal business of WRFSI is to serve as a parent holding company for WRI. The principal business of WRI is to serve as registered broker-dealer and investment adviser that acts primarily as the national distributor and underwriter for shares of various mutual funds. The principal business of each of WRIMCO and IICO is to serve as a registered investment advisor for various mutual funds.

None of the Reporting Persons has, during the last five years, been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors). No Reporting Person has, during the last five years, been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws. Information regarding the executive officers, directors or other control persons of WDR, WRFSI, WRI, WRIMCO, and IICO is set forth on [Schedule 1](#), [Schedule 2](#), [Schedule 3](#), [Schedule 4](#), and [Schedule 5](#) attached hereto, respectively, which Schedules are hereby incorporated by reference. All such persons are citizens of the United States.

### **Item 3. Source and Amount of Funds or Other Consideration.**

The Issuer converted, pursuant to an amendment, dated December 15, 2017, to the senior secured promissory notes, dated as of August 20, 2015, in the aggregate principal amount of \$40,000,000 (the Waddell Notes ), issued and sold to Ivy Science & Technology Fund, Waddell & Reed Advisors Science & Technology Fund and Ivy VIP Science & Technology (collectively, the Funds ), \$35,000,000 aggregate principal amount of the Waddell Notes into an aggregate of 20,000,000 shares of Common Stock, a \$1.75 per share conversion rate, and 4,000,000 warrants to purchase shares of Common Stock reported in this Schedule 13D. The funds used to purchase the Waddell Notes were derived from the working capital of the Funds. The Funds purchased the Waddell Notes pursuant to a purchase agreement (the Notes Purchase Agreement ), dated as of August 20, 2015, by and among the Issuer and the Funds. The Waddell Notes are secured by substantially all of the Issuer's personal property assets pursuant to a security agreement (the Security Agreement ) entered into among the Issuer, IICO, and the Funds on August 20, 2015. The additional shares of Common Stock reported in this Schedule 13D, which shares were previously reported in the Waddell Schedule 13G, were purchased for an aggregate purchase price of approximately \$51,657,954, and such funds were derived from the working capital of one or more open-end investment companies or other managed accounts which are advised or sub-advised by IICO or WRIMCO.

The foregoing descriptions of the Security Agreement and the transactions contemplated thereby do not purport to be complete and are subject to, and qualified in their entirety by reference to, the full text of the Security Agreement, which is attached hereto as Exhibit 2, and is incorporated herein by reference.

### **Item 4. Purpose of Transaction.**

The Reporting Persons acquired the shares of Common Stock and warrants to purchase shares of Common Stock reported in this Schedule 13D for investment purposes.

On December 15, 2017, the Issuer entered into a securities purchase agreement (the Purchase Agreement ) with certain accredited investors named therein (collectively, the Buyers ), including Ospraie Ag Science LLC ( Ospraie ). Under the terms of the Purchase Agreement, the Buyers agreed to purchase an aggregate of 44,000,001 units (the Units ), with each Unit purchased by Ospraie consisting of one share of Common Stock and one warrant to purchase one share of Common Stock, and each Unit purchased by the other Buyers consisting of one share of Common Stock and one warrant to purchase 0.8 shares of Common Stock, for an aggregate purchase price of \$30.0 million, including conversion of certain indebtedness owed to an affiliate of Ospraie. The sale of the Units pursuant to the Purchase Agreement (the Closing ) closed on February 5, 2018.

Concurrently with its entry into the Purchase Agreement, on December 15, 2017, the Issuer also entered into an amendment to the Waddell Notes (such amendment, the Waddell Notes Amendment ). On February 5, 2018, the Issuer converted, pursuant to the Waddell Notes Amendment, \$35,000,000 aggregate principal amount of the Waddell Notes into an aggregate of 20,000,000 shares of Common Stock and 4,000,000 warrants to purchase shares of Common Stock (the Waddell Warrants, and such conversion, the Waddell Debt Conversion ), such that \$5,000,000 of principal under the Waddell Notes now remains outstanding. Simultaneously with the Waddell Debt Conversion, the maturity of the Waddell Notes was extended to December 31, 2022, all interest payments under the Waddell Notes was deferred to maturity on December 31, 2022, and Ospraie was granted a right of first refusal to acquire the Waddell Notes. The transactions contemplated by the Waddell Notes Amendment were effective as of, and conditioned upon, the Closing.

In connection with the Closing, the Issuer appointed two new directors designated by Ospraie to the Issuer's Board of Directors (the Board ) effective upon the Closing (the Initial Designees ). The two Initial Designees are Messrs. Robert A. Woods and Yogesh Mago. Mr. Woods joined the Board as Chairman, and serves on the Audit Committee of the Board, the Nominating and Corporate Governance Committee of the Board and the Compensation Committee of the

Board, which he chairs. Mr. Mago serves on the Nominating and Corporate Governance Committee of the Board, which he chairs.

Also in connection with the Closing, the Issuer entered into a voting and lock-up agreement with the Funds, certain affiliates of Ospraie (the Ospraie Group), certain affiliates of Ardsley Advisory Partners (the Ardsley Group), and Pamela G. Marrone, Ph.D. (the Voting and Lock-Up Agreement, and such parties collectively, the Voting Parties). Pursuant to the Voting and Lock-Up Agreement, the Ardsley Group, the Funds and Pamela G. Marrone each agreed to vote their existing shares of Common Stock in favor of the election of up to two directors designated by the Ospraie Group at the Issuer's 2018 Annual Meeting of Stockholders, subject to certain conditions and limitations. Also pursuant to the Voting and Lock-Up Agreement, the Ardsley Group, the Funds and Pamela G. Marrone, and their respective affiliates, may not sell any shares of Common Stock or Common Equivalents (as defined in the Voting and Lock-Up Agreement) for a period of 180 days following the Closing date.

The foregoing descriptions of the Purchase Agreement, the Waddell Notes Amendment, the Voting and Lock-Up Agreement and the transactions contemplated thereby do not purport to be complete and are subject to, and qualified in their entirety by reference to, the full texts of the Purchase Agreement, the Waddell Notes Amendment and the Voting and Lock-Up Agreement, which are attached hereto as [Exhibit 3](#), [Exhibit 4](#), and [Exhibit 5](#), respectively, and are incorporated herein by reference.

The Waddell Warrants are immediately exercisable in cash at an exercise price of \$1.25 per share of Common Stock (subject to adjustments), or via net exercise if the Issuer does not have a registration statement registering the shares underlying the Waddell Warrants effective within 180 days of the Closing date, and the Waddell Warrants may be exercised at a holder's option at any time on or before December 31, 2020. In addition, at the election of a Waddell Warrant holder, the Issuer is required to redeem its Waddell Warrant upon the occurrence of any Fundamental Transaction (as defined in the Waddell Warrant), and the Waddell Warrants are subject to weighted-average antidilution provisions.

The foregoing description of the Waddell Warrant does not purport to be complete and is subject to, and qualified in its entirety by reference to, the full text of the Form of Waddell Warrants, which is attached hereto as [Exhibit 6](#), and is incorporated herein by reference.

On December 15, 2017, the Funds and certain other parties (together, and including any successors and assigns to the Registration Rights Agreement, the Holders) entered into a registration rights agreement with the Issuer (the Registration Rights Agreement), pursuant to which the Issuer has agreed to standard registration rights, including filing a registration statement with the SEC within 60 days of the Closing date covering the resale of the shares of Common Stock (including shares issuable upon exercise of the Waddell Warrants) issued pursuant to the terms of the Waddell Notes Amendment and pursuant to certain other related transactions. The Registration Rights Agreement also provides that each of the Holders will not sell or otherwise dispose of their shares of Common Stock or securities exercisable for or convertible into Common Stock, commencing on December 15, 2017 and ending 180 days after the Closing, subject to customary exceptions.

The foregoing descriptions of the Registration Rights Agreement and the transactions contemplated thereby do not purport to be complete and are subject to, and qualified in their entirety by reference to, the full text of the Registration Rights Agreement, which is attached hereto as [Exhibit 7](#), and is incorporated herein by reference.

Except as set forth herein, the Reporting Persons have no present plan or proposal that would relate to or result in any of the matters set forth in subparagraphs (a)-(j) of Item 4 of Schedule 13D.

#### **Item 5. Interest in Securities of the Issuer.**

(a)-(b) The securities reported on herein are beneficially owned by one or more open-end investment companies or other managed accounts which are advised or sub-advised by IICO, an investment advisory subsidiary of WDR, or



WRIMCO, an investment advisory subsidiary of WRI. WRI is a broker-dealer and underwriting subsidiary of WRFSI, a parent holding company. In turn, WRFSI is a subsidiary of WDR, a publicly traded company. The investment advisory contracts grant IICO and WRIMCO all investment and/or voting power over securities owned by such advisory clients. The investment sub-advisory contracts grant IICO and WRIMCO investment power over securities owned by such sub-advisory clients and, in most cases, voting power. Any investment restriction of a sub-advisory contract does not restrict investment discretion or power in a material manner. Therefore, IICO and/or WRIMCO may be deemed the beneficial owner of the securities covered by this statement under Rule 13d-3 of the Act.

IICO, WRIMCO, WRI, WRFSI and WDR are of the view that they are not acting as a group for purposes of Section 13(d) under the Act. Indirect beneficial ownership is attributed to the respective parent companies solely because of the parent companies' control relationship to WRIMCO and IICO.

The following table sets forth information with respect to the ownership of the shares Common Stock by each of the Reporting Persons:

Reporting Person	Amount beneficially owned:	Percent of class (4):	Sole power to vote or direct the vote:	Shared power to vote or to direct the vote:	Sole power to dispose or to direct the disposition of:	Shared power to dispose or to direct the disposition of:
IICO	18,607,392 (1)	17.8%	18,607,392 (1)	0	18,607,392 (1)	0
WRIMCO	10,107,500 (2)	9.8%	10,107,500 (2)	0	10,107,500 (2)	0
WRI	10,107,500 (2)	9.8%	10,107,500 (2)	0	10,107,500 (2)	0
WRFSI	10,107,500 (2)	9.8%	10,107,500 (2)	0	10,107,500 (2)	0
WDR	28,714,912 (3)	27.1%	28,714,912 (3)	0	28,714,912 (3)	0

(1) Includes 2,620,000 shares of Common Stock issuable upon exercise of Waddell Warrants.

(2) Includes 1,380,000 shares of Common Stock issuable upon exercise of Waddell Warrants.

(3) Includes 4,000,000 shares of Common Stock issuable upon exercise of Waddell Warrants.

(4) The percentages used in this Schedule 13D are calculated (i) based on an aggregate of 102,023,668 shares of Common Stock, which is the number of shares of Common Stock issued and outstanding immediately after giving effect to the Closing and the related transactions, as provided by the Company in writing to the Reporting Persons, and (ii) assuming the exercise of the reported Waddell Warrants.

Pursuant to the Notes Purchase Agreement, the Issuer also issued and sold warrants to purchase up to 4,000,000 shares of Common Stock (the 2015 Warrants ) to the Funds on August 20, 2015. The 2015 Warrants are not reported in this Schedule 13D because they contain a limitation preventing holders thereof from exercising any portion of the 2015 Warrant to the extent that after giving effect to such issuance after exercise such holder would beneficially own any Common Stock in excess of 19.99% of the number of shares of Common Stock outstanding immediately after giving effect to such issuance, as set forth in the Form of Warrant for the 2015 Warrants (the Form of 2015 Warrant ). The foregoing description of the 2015 Warrants does not purport to be complete and is subject to, and qualified in its entirety by reference to, the full text of the Form of 2015 Warrant, which is attached hereto as Exhibit 8, and is incorporated herein by reference.

In addition, by virtue of the Voting and Lock-Up Agreement, the Reporting Persons and each of the other Voting Parties may be deemed to have formed a group within the meaning of Section 13(d)(3) of the Act, and the group may be deemed to beneficially own an aggregate of 111,162,035 shares of Common Stock (including warrants and options to purchase an aggregate of 44,565,594 shares of Common Stock), representing approximately 75.8% of the outstanding shares of Common Stock based on the number of outstanding shares of Common Stock set forth above and assuming the exercise of the warrants and options held by the Voting Parties. The Reporting Persons hereby

disclaim that they constitute a group (within the meaning of Section 13(d)(3) of the Act) with the other Voting Parties and hereby disclaim beneficial ownership of any shares of Common Stock beneficially owned by the other Voting Parties.

(c) Other than as described in Item 3 or Item 4, no Reporting Person has effected any transactions in the shares of Common Stock during the 60 days preceding the date hereof.

(d) No person other than the Reporting Persons have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the shares of Common Stock reported on this Schedule 13D.

(e) Not applicable.

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

The information contained in Item 3, Item 4 and Item 5 is hereby incorporated by reference herein. Except for (i) the agreements described in this Schedule 13D and (ii) the Joint Filing Agreement attached as Exhibit 1 hereto, to the best knowledge of the Reporting Persons, there are no contracts, arrangements, understandings or relationships (legal or otherwise), among the Reporting Persons or, to the best knowledge of the Reporting Persons, any other person named in Schedule 1, Schedule 2, Schedule 3, Schedule 4, and Schedule 5 hereto, or between such persons and any other person, with respect to any securities of the Issuer, including, but not limited to, transfer or voting of any of the securities, finder's fees, joint ventures, loan or option arrangements, puts or calls, guarantees of profits, division of profits or loss, or the giving or withholding of proxies.

**Item 7. Material to Be Filed as Exhibits.**

- Exhibit 1 Joint Filing Agreement dated February 15, 2018.
- Exhibit 2 Security Agreement, dated as of August 20, 2015, by and among Marrone Bio Innovations, Inc. and the counterparties thereto (incorporated by reference to Exhibit 10.1 to the Issuer's Current Report on Form 8-K filed with the SEC on August 25, 2015).
- Exhibit 3 Securities Purchase Agreement, dated as of December 15, 2017, by and among Marrone Bio Innovations, Inc. and the Buyers named therein (incorporated by reference to Exhibit 10.1 to the Issuer's Current Report on Form 8-K filed with the SEC on December 18, 2017).
- Exhibit 4 Omnibus Amendment No. 4 to Notes, dated as of December 15, 2017, by and among Marrone Bio Innovations, Inc., Ivy Science & Technology Fund, Waddell & Reed Advisors Science & Technology Fund, Ivy VIP Science & Technology and Ospraie Management LLC (incorporated by reference to Exhibit 10.2 to the Issuer's Current Report on Form 8-K filed with the SEC on December 18, 2017).
- Exhibit 5 Voting and Lock-Up Agreement, dated February 5, 2018, by and among the Ospraie Group, the Ardsley Group, the Funds, Pamela G. Marrone and Marrone Bio Innovations, Inc. (incorporated by reference to Exhibit 10.1 to the Issuer's Current Report on Form 8-K filed with the SEC on February 6, 2018).
- Exhibit 6 Form of Waddell Warrant (incorporated by reference to Exhibit 4.2 to the Issuer's Current Report on Form 8-K filed with the SEC on December 18, 2017).
- Exhibit 7 Registration Rights Agreement, dated as of December 15, 2017, by and among Marrone Bio Innovations, Inc. and the Investors named therein (incorporated by reference to Exhibit 10.4 to the Issuer's Current Report on Form 8-K filed with the SEC on December 18, 2017).

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- Exhibit 8 Form of 2015 Warrant (incorporated by reference to Exhibit 4.2 to the Issuer's Current Report on Form 8-K filed with the SEC on August 25, 2015).
- Exhibit 9 Power of Attorney.

SIGNATURE

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

Dated: February 15, 2018

Waddell & Reed Financial, Inc.

By: /s/ J.J. Richie  
Name: J.J. Richie  
Title: Attorney-In-Fact

Waddell & Reed Financial Services, Inc.

By: /s/ J.J. Richie  
Name: J.J. Richie  
Title: Attorney-In-Fact

Waddell & Reed, Inc.

By: /s/ J.J. Richie  
Name: J.J. Richie  
Title: Attorney-In-Fact

Waddell & Reed Investment Management Company

By: /s/ J.J. Richie  
Name: J.J. Richie  
Title: Attorney-In-Fact

Ivy Investment Management Company

By: /s/ J.J. Richie  
Name: J.J. Richie  
Title: Attorney-In-Fact

**Schedule 1****CONTROL PERSONS, EXECUTIVE OFFICERS AND DIRECTORS OF****WDR**

The name, business address, present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted, of each of the executive officers, directors and other control persons of WDR are set forth below:

**Waddell & Reed Financial, Inc.:**

Name and Business		Name, Principal Business and Address of Organization in which Principal Occupation is Conducted	
Address	Capacity in which Serves	Principal Occupation	
Philip J. Sanders 6300 Lamar Avenue Overland Park, Kansas 66202	Chief Executive Officer, Chief Investment Officer and Class III Director	Chief Executive Officer, Chief Investment Officer and Class III Director	Waddell & Reed Financial, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
Brent K. Bloss 6300 Lamar Avenue Overland Park, Kansas 66202	Senior Vice President, Chief Financial Officer, Chief Operating Officer and Treasurer	Senior Vice President, Chief Financial Officer, Chief Operating Officer and Treasurer	Waddell & Reed Financial, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
Wendy J. Hills 6300 Lamar Avenue Overland Park, Kansas 66202	Senior Vice President, General Counsel, Chief Legal Officer and Secretary	Senior Vice President, General Counsel, Chief Legal Officer and Secretary	Waddell & Reed Financial, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
John E. Sundeen, Jr. 6300 Lamar Avenue Overland Park, Kansas 66202	Senior Vice President and Chief Administrative Officer Investments	Senior Vice President and Chief Administrative Officer Investments	Waddell & Reed Financial, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
Henry J. Herrmann	Chairman of the Board and Class III Director	Chairman of the Board and Class III Director	Waddell & Reed Financial, Inc.

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6300 Lamar Avenue			6300 Lamar Avenue
Overland Park, Kansas 66202			Overland Park, Kansas 66202
Alan W. Kosloff	Lead Independent Director and Class I Director	Chairman	Kosloff & Partners, LLC a consulting and investment firm.
6300 Lamar Avenue			
Overland Park, Kansas 66202			416 Forest Road
			Vail, Colorado 81657
Sharilyn S. Gasaway	Class I Director	Class I Director	Waddell & Reed Financial, Inc.
6300 Lamar Avenue			
Overland Park, Kansas 66202			6300 Lamar Avenue
			Overland Park, Kansas 66202
Thomas C. Godlasky	Class II Director	Class II Director	Waddell & Reed Financial, Inc.
6300 Lamar Avenue			
Overland Park, Kansas 66202			6300 Lamar Avenue
			Overland Park, Kansas 66202
Dennis E. Logue	Class II Director	Chairman of the Board	Ledyard Financial Group, Inc. a bank holding company.
6300 Lamar Avenue			
Overland Park, Kansas 66202			38 S. Main Street
			Hanover, New Hampshire 04755
Michael F. Morrissey	Class II Director	Class II Director	Waddell & Reed Financial, Inc.
6300 Lamar Avenue			
Overland Park, Kansas 66202			6300 Lamar Avenue
			Overland Park, Kansas 66202
James M. Raines	Class III Director	President	James M. Raines and Company an investment banking firm.
6300 Lamar Avenue			
Overland Park, Kansas 66202			1919 Oakwell Farms Pkwy.
			Suite 150



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Jerry W. Walton	Class I Director	Class I Director	San Antonio, TX 78218
6300 Lamar Avenue			Waddell & Reed Financial, Inc.
Overland Park, Kansas 66202			6300 Lamar Avenue
			Overland Park, Kansas 66202

**Schedule 2****CONTROL PERSONS, EXECUTIVE OFFICERS AND DIRECTORS OF****WRFSI**

The name, business address, present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted, of each of the executive officers, directors and other control persons of WRFSI are set forth below:

**Waddell & Reed Financial Services, Inc.:**

Name and Business		Name, Principal Business and Address of Organization in which Principal Occupation is Conducted	
Address	Capacity in which Serves	Principal Occupation	
Waddell & Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202	Sole Shareholder of Waddell & Reed Financial Services, Inc.	n/a	n/a
Philip J. Sanders 6300 Lamar Avenue Overland Park, Kansas 66202	President and Director	Chief Executive Officer, Chief Investment Officer and Class III Director	Waddell & Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202
Brent K. Bloss 6300 Lamar Avenue Overland Park, Kansas 66202	Senior Vice President, Chief Financial Officer, Director, and Treasurer	Senior Vice President, Chief Financial Officer, Chief Operating Officer and Treasurer	Waddell & Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202
Benjamin R. Clouse 6300 Lamar Avenue Overland Park, Kansas 66202	Senior Vice President, Chief Accounting Officer, and Director	Vice President and Chief Accounting Officer	Waddell & Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202
Wendy J. Hills 6300 Lamar Avenue	Senior Vice President and General Counsel	Senior Vice President, General Counsel, Chief Legal Officer and Secretary	Waddell & Reed Financial, Inc. 6300 Lamar Avenue

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Overland Park, Kansas 66202

Overland Park, Kansas  
66202

John E. Sundeen, Jr.

Director

Senior Vice President and  
Chief Administrative  
Officer Investments

Waddell & Reed  
Financial, Inc.

6300 Lamar Avenue

6300 Lamar Avenue

Overland Park, Kansas 66202

Overland Park, Kansas  
66202

Schedule 3

**CONTROL PERSONS, EXECUTIVE OFFICERS AND DIRECTORS OF  
WRI**

The name, business address, present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted, of each of the executive officers, directors and other control persons of WRI are set forth below:

**Waddell & Reed, Inc.:**

Name and Business  Address	Capacity in which Serves	Principal Occupation	Name, Principal Business and Address of Organization in which Principal Occupation is Conducted
Waddell & Reed Financial Services, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202	Sole Shareholder of Waddell & Reed, Inc.	n/a	n/a
Waddell & Reed Financial, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202	Sole Shareholder of Waddell & Reed Financial Services, Inc.	n/a	n/a
Shawn M. Mihal  6300 Lamar Avenue  Overland Park, Kansas 66202	President and Director	President and Director	Waddell & Reed, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
Brent K. Bloss  6300 Lamar Avenue  Overland Park, Kansas 66202	Senior Vice President, Chairman of the Board, Director, and Treasurer	Senior Vice President, Chief Financial Officer, Chief Operating Officer and Treasurer	Waddell & Reed Financial, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
Benjamin R. Clouse  6300 Lamar Avenue  Overland Park, Kansas 66202	Senior Vice President, Chief Accounting Officer, and Director	Vice President and Chief Accounting Officer	Waddell & Reed Financial, Inc.  6300 Lamar Avenue

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			Overland Park, Kansas 66202
Wendy J. Hills	Senior Vice President and General Counsel	Senior Vice President, General Counsel, Chief Legal Officer and Secretary	Waddell & Reed Financial, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
6300 Lamar Avenue			Overland Park, Kansas 66202
Overland Park, Kansas 66202			Overland Park, Kansas 66202
Lori A. Dorsey	Senior Vice President and Chief Marketing Officer	Senior Vice President and Chief Marketing Officer	Waddell & Reed, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
6300 Lamar Avenue			Overland Park, Kansas 66202
Overland Park, Kansas 66202			Overland Park, Kansas 66202
Karen F. Lare	Senior Vice President and Chief Administrative Officer	Senior Vice President and Chief Administrative Officer	Waddell & Reed, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
6300 Lamar Avenue			Overland Park, Kansas 66202
Overland Park, Kansas 66202			Overland Park, Kansas 66202
Jon W. Baker	Senior Vice President and Chief Procurement Officer	Senior Vice President and Chief Procurement Officer	Waddell & Reed, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
6300 Lamar Avenue			Overland Park, Kansas 66202
Overland Park, Kansas 66202			Overland Park, Kansas 66202
Jacquelyn E. Glenn	Senior Vice President and Chief Supervisory Officer	Senior Vice President and Chief Supervisory Officer	Waddell & Reed, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
6300 Lamar Avenue			Overland Park, Kansas 66202
Overland Park, Kansas 66202			Overland Park, Kansas 66202
Christopher W. Rackers	Senior Vice President and Chief Human Resource Officer	Senior Vice President and Chief Human Resource Officer	Waddell & Reed, Inc.  6300 Lamar Avenue  Overland Park, Kansas 66202
6300 Lamar Avenue			Overland Park, Kansas 66202
Overland Park, Kansas 66202			Overland Park, Kansas 66202

**Schedule 4****CONTROL PERSONS, EXECUTIVE OFFICERS AND DIRECTORS OF  
WRIMCO**

The name, business address, present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted, of each of the executive officers, directors and other control persons of WRIMCO are set forth below:

**Waddell & Reed Investment Management Company:**

Name and Business		Capacity in which Serves	Principal Occupation	Name, Principal Business and Address of Organization in which Principal Occupation is Conducted
Address				
Waddell & Reed, Inc.		Sole Shareholder of Waddell & Reed Investment Management Company	n/a	n/a
6300 Lamar Avenue				
Overland Park, Kansas 66202				
Waddell & Reed Financial Services, Inc.		Sole Shareholder of Waddell & Reed, Inc.	n/a	n/a
6300 Lamar Avenue				
Overland Park, Kansas 66202				
Waddell & Reed Financial, Inc.		Sole Shareholder of Waddell & Reed Financial Services, Inc.	n/a	n/a
6300 Lamar Avenue				
Overland Park, Kansas 66202				
Philip J. Sanders		President, Chief Investment Officer, and Director	Chief Executive Officer, Chief Investment Officer and Class III Director	Waddell & Reed Financial, Inc.
6300 Lamar Avenue				6300 Lamar Avenue
Overland Park, Kansas 66202				Overland Park, Kansas 66202
Brent K. Bloss		Senior Vice President, Chief Financial Officer, Director, and Treasurer	Senior Vice President, Chief Financial Officer, Chief Operating Officer and Treasurer	Waddell & Reed Financial, Inc.
6300 Lamar Avenue				6300 Lamar Avenue
Overland Park, Kansas 66202				Overland Park, Kansas 66202

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<p>Wendy J. Hills 6300 Lamar Avenue Overland Park, Kansas 66202</p>	<p>Senior Vice President and General Counsel</p>	<p>Senior Vice President, General Counsel, Chief Legal Officer and Secretary</p>	<p>Waddell &amp; Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202</p>
<p>John E. Sundeen, Jr. 6300 Lamar Avenue Overland Park, Kansas 66202</p>	<p>Executive Vice President, Chief Administrative Officer, and Director</p>	<p>Senior Vice President and Chief Administrative Officer Investments</p>	<p>Waddell &amp; Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202</p>
<p>Daniel G. Scherman 6300 Lamar Avenue Overland Park, Kansas 66202</p>	<p>Senior Vice President and Chief Risk Officer</p>	<p>Senior Vice President and Chief Risk Officer</p>	<p>Waddell &amp; Reed Investment Management Company 6300 Lamar Avenue Overland Park, Kansas 66202</p>
<p>J.J. Richie 6300 Lamar Avenue Overland Park, Kansas 66202</p>	<p>Vice President and Chief Compliance Officer</p>	<p>Vice President and Chief Compliance Officer</p>	<p>Waddell &amp; Reed Investment Management Company 6300 Lamar Avenue Overland Park, Kansas 66202</p>
<p>Kurt A. Sundeen 6300 Lamar Avenue Overland Park, Kansas 66202</p>	<p>Senior Vice President and Chief Operations Officer</p>	<p>Senior Vice President and Chief Operations Officer</p>	<p>Waddell &amp; Reed Investment Management Company 6300 Lamar Avenue Overland Park, Kansas 66202</p>
<p>Christopher W. Rackers 6300 Lamar Avenue Overland Park, Kansas 66202</p>	<p>Senior Vice President and Chief Human Resource Officer</p>	<p>Senior Vice President and Chief Human Resource Officer</p>	<p>Waddell &amp; Reed, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202</p>

**Schedule 5****CONTROL PERSONS, EXECUTIVE OFFICERS AND DIRECTORS OF****IICO**

The name, business address, present principal occupation or employment and the name, principal business and address of any corporation or other organization in which such employment is conducted, of each of the executive officers, directors and other control persons of IICO are set forth below:

**Ivy Investment Management Company:**

Name and Business		Name, Principal Business and Address of Organization in which Principal Occupation is Conducted	
Address	Capacity in which Serves	Principal Occupation	
Waddell & Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202	Sole Shareholder of Ivy Investment Management Company	n/a	n/a
Philip J. Sanders 6300 Lamar Avenue Overland Park, Kansas 66202	President, Chief Investment Officer, and Director	Chief Executive Officer, Chief Investment Officer and Class III Director	Waddell & Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202
Brent K. Bloss 6300 Lamar Avenue Overland Park, Kansas 66202	Senior Vice President, Chief Financial Officer, Director, and Treasurer	Senior Vice President, Chief Financial Officer, Chief Operating Officer and Treasurer	Waddell & Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202
Wendy J. Hills 6300 Lamar Avenue Overland Park, Kansas 66202	Senior Vice President and General Counsel	Senior Vice President, General Counsel, Chief Legal Officer and Secretary	Waddell & Reed Financial, Inc. 6300 Lamar Avenue Overland Park, Kansas 66202
John E. Sundeen, Jr. 6300 Lamar Avenue	Executive Vice President, Chief Administrative Officer, and Director	Senior Vice President and Chief Administrative Officer Investments	Waddell & Reed Financial, Inc. 6300 Lamar Avenue



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Overland Park, Kansas 66202			Overland Park, Kansas 66202
Daniel G. Scherman	Senior Vice President and Chief Risk Officer	Senior Vice President and Chief Risk Officer	Waddell & Reed Investment Management Company
6300 Lamar Avenue			
Overland Park, Kansas 66202			6300 Lamar Avenue
			Overland Park, Kansas 66202
J.J. Richie	Vice President and Chief Compliance Officer	Vice President and Chief Compliance Officer	Waddell & Reed Investment Management Company
6300 Lamar Avenue			
Overland Park, Kansas 66202			6300 Lamar Avenue
			Overland Park, Kansas 66202
Kurt A. Sundeen	Senior Vice President and Chief Operations Officer	Senior Vice President and Chief Operations Officer	Waddell & Reed Investment Management Company
6300 Lamar Avenue			
Overland Park, Kansas 66202			6300 Lamar Avenue
			Overland Park, Kansas 66202
Christopher W. Rackers	Senior Vice President and Chief Human Resource Officer	Senior Vice President and Chief Human Resource Officer	Waddell & Reed, Inc. 6300 Lamar Avenue
6300 Lamar Avenue			
Overland Park, Kansas 66202			Overland Park, Kansas 66202