

Foundation Medicine, Inc.
 Form 4
 May 15, 2015

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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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).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
THIRD ROCK VENTURES LP

(Last) (First) (Middle)

29 NEWBURY STREET, 3RD FLOOR

(Street)

BOSTON, MA 02116

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
Foundation Medicine, Inc. [FMI]

3. Date of Earliest Transaction (Month/Day/Year)
05/14/2015

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___X___ 10% Owner
 ___ Officer (give title below) ___ Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)
 ___ Form filed by One Reporting Person
 ___X___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	05/14/2015		J ⁽¹⁾		828,456	D	\$ 0 0
Common Stock	05/14/2015		J ⁽³⁾		312,498	A	\$ 0 312,498
Common Stock	05/14/2015		J ⁽⁵⁾		312,498	D	\$ 0 0

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reporting Transaction (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
THIRD ROCK VENTURES LP 29 NEWBURY STREET, 3RD FLOOR BOSTON, MA 02116		X		
Third Rock Ventures GP, L.P. 29 NEWBURY STREET, 3RD FLOOR BOSTON, MA 02116		X		
TRV GP, LLC 29 NEWBURY STREET, 3RD FLOOR BOSTON, MA 02116		X		
LEVIN MARK J 29 NEWBURY STREET, 3RD FLOOR BOSTON, MA 02116		X		
STARR KEVIN P 29 NEWBURY STREET, 3RD FLOOR BOSTON, MA 02116		X		
TEPPER ROBERT I 29 NEWBURY STREET, 3RD FLOOR BOSTON, MA 02116		X		

Signatures

/s/ Kevin Gillis, Chief Financial Officer of TRV GP, LLC, general partner of Third Rock Ventures GP, L.P., general partner of Third Rock Ventures, L.P.

05/14/2015

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<u>Signature of Reporting Person</u>	Date
/s/ Kevin Gillis, Chief Financial Officer of TRV GP, LLC, general partner of Third Rock Ventures GP, L.P.	05/14/2015
<u>Signature of Reporting Person</u>	Date
/s/ Kevin Gillis, Chief Financial Officer of TRV GP, LLC	05/14/2015
<u>Signature of Reporting Person</u>	Date
/s/ Kevin Gillis by power of attorney for Mark Levin	05/14/2015
<u>Signature of Reporting Person</u>	Date
/s/ Kevin Gillis by power of attorney for Kevin Starr	05/14/2015
<u>Signature of Reporting Person</u>	Date
/s/ Kevin Gillis by power of attorney for Robert I. Tepper	05/14/2015
<u>Signature of Reporting Person</u>	Date

Explanation of Responses:

- * 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).
- (1) Distribution of shares in kind by Third Rock Ventures, L.P. ("TRV") to its partners.
The shares are directly held by TRV. The general partner of TRV is Third Rock Ventures GP, L.P. ("TRV GP"). The general partner of TRV GP is TRV GP, LLC ("TRV GP LLC"). The individual managers of TRV GP LLC are Mark Levin ("Levin"), Kevin Starr ("Starr")
(2) and Dr. Robert Tepper ("Tepper") and, as such, each of TRV GP and TRV GP LLC, Levin, Starr and Tepper exercises shared voting and investment power over the shares held of record by TRV. Each of the Reporting Persons disclaims beneficial ownership of the shares except to the extent of their pecuniary interest therein, if any
- (3) TRV GP received shares distributed in kind by TRV to its partners
- (4) The shares are directly held by TRV GP. As such, each of TRV GP LLC, Levin, Starr and Tepper exercises voting and investment power over the shares of record by TRV GP.
- (5) Distribution of shares in kind by TRV GP to its partners.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.