

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

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 of Reporting Person* <u>New Leaf Ventures II, L.P.</u> (Last) (First) (Middle) TIMES SQUARE TOWER 7 TIMES SQUARE, SUITE 3502 (Street) NEW YORK NY 10036 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 04/10/2013	3. Issuer Name and Ticker or Trading Symbol CHIMERIX INC [CMRX]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
---------------------------------	---	--	---

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series F Preferred Stock	(1)	(1)	Common Stock	2,410,551	(1)	I	See Footnote ⁽²⁾
Warrant	(3)	02/07/2018	Common Stock	602,637	7.26	I	See Footnote ⁽²⁾

Explanation of Responses:

- The Series F Preferred Stock has no expiration date and is convertible at any time at the option of the holder and will automatically convert upon the closing of the Issuer's initial public offering, at a conversion ratio of 1 share of Common Stock for every 3.55 shares of Series F Preferred Stock, for no additional consideration.
- See attached Exhibit 99.1
- The warrant is immediately exercisable.

/s/ Craig L. Slutzkin, Chief 04/10/2013
Financial Officer

** 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 5 (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.

(2) James Niedel, one of the Issuer's directors, Srinivas Akkaraju, Philippe O. Chambon, Jeani Delagardelle, Ronald M. Hunt and Vijay K. Lathi, the members of the investment committee of New Leaf Venture Associates II, L.P., which is the General Partner of the Reporting Person, have the power to vote or dispose of the securities held by the Reporting Person and therefore each of the foregoing members of the investment committee may be deemed to have voting and investment power with respect to such securities. Each of the foregoing members of the investment committee disclaims beneficial ownership of such securities except to the extent of his or her pecuniary interest therein.
