UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 2)*

Amicus Therapeutics, Inc.

(Name of Issuer)

Common Stock, \$0.01 par value

(Title of Class of Securities)

03152W109

(CUSIP Number)

December 31, 2009

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

o Rule 13d-1(b)

o Rule 13d-1(c)

☑ Rule 13d-1(d)

The information required in 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).

^{*} 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 the disclosures provided in a prior cover page.

PN

1	NAME OF REPORTING PERSON Canaan Equity III L.P.						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP * (a) 0 (b) □						
3	SEC US	SE ONL	Y				
4	CITIZE		OR PLACE OF ORGANIZATION				
NUMI	BER OF	SOLE VOTING POWER SOF 532,318					
BENEF	ARES ICIALLY ED BY	6	SHARED VOTING POWER 0				
REPO	ACH PRTING RSON	7	SOLE DISPOSITIVE POWER 532,318				
W	ITH	8	SHARED DISPOSITIVE POWER 0				
9	AGGRE 532,318		AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*		IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9						
12	ORTING PERSON *						

13 G

Page 3 of 19 Pages

1	NAME OF REPORTING PERSON Canaan Equity III Entrepreneurs LLC					
	CHECK	THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP*			
2	(a) o					
	(b) ☑					
	SEC US	E ONI	\overline{Y}			
3						
	CITIZE	NSHIP	OR PLACE OF ORGANIZATION			
4	D 1					
	Delawar	e	SOLE VOTING BOLUED			
		5	SOLE VOTING POWER			
NUM	BER OF	•	19,873			
SH	ARES		SHARED VOTING POWER			
	FICIALLY	6				
	NED BY		SOLE DISPOSITIVE POWER			
	ACH ORTING	7	SOLE DISPOSITIVE POWER			
	RSON	•	19,873			
W	'ITH	_	SHARED DISPOSITIVE POWER			
		8	0			
	AGGRE	GATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON			
9	riodite	OTHE	THIOCHT BENEFICIALET OWNED DT ENGITAETOKTINGTEROON			
	19,873	19,873				
10	CHECK	BOX	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*			
10	$10 \mid_{_{0}}$					
	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9		CLASS REPRESENTED BY AMOUNT IN ROW 9			
11						
	Less tha		ODEING DEDCOM*			
12	IYPEC	F KEP	ORTING PERSON*			

13G

Page 4 of 19 Pages

1	NAME	OF RE	PORTING PERSON					
Canaan Equity Partners III LLC								
	CHECK	THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP*					
2	(a) o (b) ☑							
3	SEC US	SE ONL	Y					
4	CITIZE	NSHIP	OR PLACE OF ORGANIZATION					
4	Delawa	re						
		5	SOLE VOTING POWER					
NUM	BER OF	J	552,191					
	ARES ICIALLY	6	SHARED VOTING POWER					
	ED BY	U	0					
	ACH DRTING	7	SOLE DISPOSITIVE POWER					
	RSON	/	552,191					
W	'ITH	0	SHARED DISPOSITIVE POWER					
		8	0					
0	AGGRI	EGATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
9	552,191	552,191						
10	CHECK	BOX	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*					
10	0	0						
11	PERCE	NT OF	CLASS REPRESENTED BY AMOUNT IN ROW 9					
11	2.4%							
10	TYPE C	OF REP	ORTING PERSON*					
12	00	00						

	NAME OF REPORTING PERSON							
1	Stephen L. Green							
	otepicii D. Otecii							
	CHECK	THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP*					
2								
	(a) o (b) ☑							
	SEC US	E ONL	Y					
3								
	CITIZEI	NSHIP	OR PLACE OF ORGANIZATION					
4	United S	States						
	Omica	rtutes						
		_	SOLE VOTING POWER					
NUMI	BER OF	5						
SHA	ARES		SHARED VOTING POWER					
	ICIALLY	6	552.101					
	ED BY CH		552,191 SOLE DISPOSITIVE POWER					
	RTING	7	SOLL BISTOSITIVE TOWER					
	RSON		0					
W	ITH	8	SHARED DISPOSITIVE POWER					
		O	552,191					
	AGGRE	GATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
9	552,191							
	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*							
10								
	O PERCEI	NT OF	CLASS REPRESENTED BY AMOUNT IN ROW 9					
11		.1 01						
	2.4%							
12	TYPE O	F REP	ORTING PERSON *					
14	IN	IN						
	•							

13G

13G

Page 6 of 19

NAME OF REPORTING PERSON 1 Deepak Kamra CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* 2 (a) o (b) ✓ SEC USE ONLY 3 CITIZENSHIP OR PLACE OF ORGANIZATION 4 **United States** SOLE VOTING POWER 5 NUMBER OF **SHARES** SHARED VOTING POWER BENEFICIALLY 552,191 OWNED BY EACH SOLE DISPOSITIVE POWER 7 REPORTING PERSON WITH SHARED DISPOSITIVE POWER 8 552,191 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9 552,191 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* 10 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 11 2.4% TYPE OF REPORTING PERSON * **12** IN

13G

Page 7 of 19 Pages

1	NAME (OF RE	PORTING PERSON					
	Gregory	Gregory Kopchinsky						
	CHECK	THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP*					
2	(a) o (b) ☑							
3	SEC US	E ONL	Y					
4			OR PLACE OF ORGANIZATION					
	United S	tates						
		5	SOLE VOTING POWER					
	BER OF		0					
BENEF	ARES ICIALLY	6	SHARED VOTING POWER					
	ED BY		552,191					
	CH RTING	7	SOLE DISPOSITIVE POWER					
	SON	,	0					
W.	ITH		SHARED DISPOSITIVE POWER					
		8						
	A CCDE	CATE	552,191					
9	AGGRE	GATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	552,191	552,191						
	CHECK	BOX	F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*					
10	0							
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9		CLASS REPRESENTED BY AMOUNT IN ROW 9						
11	2.4%							
4.0	TYPE O	F REP	ORTING PERSON *					
12	IN							

13G

Page 8 of 19 Pages

1	NAME OF REPORTING PERSON							
1 Guy M. Russo								
	CHECK	THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP*					
2	(a) o							
	(b) 🗹							
3	SEC US	SE ONL	Y					
	CITIZE	NSHIP	OR PLACE OF ORGANIZATION					
4	United S	States						
	I	_	SOLE VOTING POWER					
NUMI	BER OF	5						
	ARES		SHARED VOTING POWER					
	ICIALLY	6	552.101					
	ED BY ACH		552,191 SOLE DISPOSITIVE POWER					
REPO	RTING	7						
	RSON		0					
W	ITH	8	SHARED DISPOSITIVE POWER					
	ı		552,191					
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON							
	552,191	552,191						
10	CHECK	BOX 1	IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*					
10	0							
	PERCE	NT OF	CLASS REPRESENTED BY AMOUNT IN ROW 9					
11	2.4%							
		F REP	ORTING PERSON *					
12								
	IN							

Page 9 of 19 Pages

1	NAME	NAME OF REPORTING PERSON						
1	John V. Balen							
	CHECK	CHECK THE ADDRODDATE DOWN A MEMBER OF A CROWN						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP *							
2	(a) o							
	(b) \square	E ONL	Y					
3								
	CITIZE	NSHIP	OR PLACE OF ORGANIZATION					
4								
	United S	States	SOLE VOTING POWER					
		5	SOLE VOTING FOWER					
	BER OF							
	ARES ICIALLY	6	SHARED VOTING POWER					
	ED BY	•	552,191					
	ACH ORTING	7	SOLE DISPOSITIVE POWER					
	RSON	,	0					
W	TTH	•	SHARED DISPOSITIVE POWER					
		8	552,191					
	AGGRE	GATE	AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
9	552,191							
	CHECK	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES *						
10	0							
		NT OF	CLASS REPRESENTED BY AMOUNT IN ROW 9					
11	2.4%							
		F REP	ORTING PERSON *					
12								
	IN							

1	NAME OF REPORTING PERSON Eric A. Young						
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP * (a) 0 (b) □						
3	SEC US	SE ONL	Y				
4	CITIZE:		OR PLACE OF ORGANIZATION				
SHA BENEF OWN EA REPO PEF	NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		SHARED VOTING POWER 552,191 SOLE DISPOSITIVE POWER 0 0				
9	AGGRE 552,191	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 552,191					
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES *		F THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES *				
11	PERCEI	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9					
12	TYPE OF REPORTING PERSON *						

13G

Page 11 of 19 Pages

1	NAME (OF RE	PORTING PERSON				
	Seth A. Rudnick						
	CHECK	THE A	APPROPRIATE BOX IF A MEMBER OF A GROUP *				
2	(a) o (b) 🗹						
	SEC US	E ONL	Y				
3							
4	CITIZEI	NSHIP	OR PLACE OF ORGANIZATION				
4	United S	States					
		SOLE VOTING POWER 5					
NUM	BER OF	ט	0				
	ARES ICIALLY	6	SHARED VOTING POWER				
	ED BY	U	552,191				
	ACH ORTING	7	SOLE DISPOSITIVE POWER				
	RSON		0				
W	ITH	8	SHARED DISPOSITIVE POWER				
		•	552,191				
9	AGGRE	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON					
	552,191						
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES *		IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES *				
	0						
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9						
	2.4%						
12	TYPE O	F REP	ORTING PERSON *				
	IN						

CUSIP No. 03152W109 13G Page 12 of 19 Pages

Item 1(a). Name of Issuer

Amicus Therapeutics, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices

6 Cedar Brook Drive Cranbury, New Jersey 08512

Item 2(a). Name of Person Filing

This statement is filed by (i) Canaan Equity III L.P. ("CE III"), a Delaware limited partnership, (ii) Canaan Equity III Entrepreneurs, LLC ("Entrepreneurs"), a Delaware limited liability company, (iii) Canaan Equity Partners III LLC ("CEP III"), a Delaware limited liability company and the general partner of CE III and the manager of Entrepreneurs, (iv) John V. Balen , (v) Stephen L. Green, (vi) Deepak Kamra, (vii) Gregory Kopchinsky, (viii) Seth A. Rudnick, (ix) Guy M. Russo and (x) Eric A. Young. We refer to the individuals and entities identified in (i)-(x) above collectively as the "Reporting Persons."

Item 2(b). Address of Principal Business Office or, if None, Residence

Except in the case of Messrs. Balen, Kamra and Young, the principal business address of the Reporting Persons is 285 Riverside Avenue, Suite 250, Westport, CT 06880. The principal business address of Messrs. Balen, Kamra and Young is 2765 Sand Hill Road, Menlo Park, CA 94025.

Item 2(c). Citizenship

CE III is a limited partnership organized under the laws of Delaware. Each of Entrepreneurs and CEP III is a limited liability company organized under the laws of Delaware. Each of the individuals named above is a citizen of the United States.

Item 2(d). <u>Title of Class of Securities</u>

Common Stock, par value \$0.01 per share ("Common Stock"), of Amicus Therapeutics, Inc.

Item 2(e). CUSIP Number

03152W109

Item 3. If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

None.

Item 4. Ownership

(a) Amount Beneficially Owned

As of December 31, 2009: (i) CE III is the record holder of 532,318 shares of Common Stock (the "CE III Shares"), (ii) Entrepreneurs is the record holder of 19,873 shares of Common Stock (the "Entrepreneurs Shares"; together with the CE III Shares, the "Record Shares"). As the general partner of CE III and the manager of Entrepreneurs, CEP III may be deemed to own beneficially the Record Shares. As individual managers of CEP III, Messrs. Balen, Green, Kamra, Kopchinsky, Rudnick, Russo and Young may also be deemed to own beneficially the Record Shares.

(b) Percent of Class:

The Reporting Persons beneficially own, in the aggregate, approximately 2.4% of the outstanding Common Stock of the Issuer based on the 22,647,869 shares of Common Stock reported to be outstanding on the Issuer's Quarterly Report filed on Form 10-Q for the quarterly period ending September 30, 2009.

13G

Page

3

19

For individual Reporting Person information, please see Item 11 of the cover pages hereto.

(c) Number of shares to which such person has:

	N	IUMBER OF SHARES		
Reporting Person	(i)	(ii)	(iii)	(iv)
CE III	532,318	0	532,318	0
Entrepreneurs	19,873	0	19,873	0
CEP III	552,191	0	552,191	0
John V. Balen	0	552,191	0	552,191
Stephen L. Green	0	552,191	0	552,191
Deepak Kamra	0	552,191	0	552,191
Gregory Kopchinsky	0	552,191	0	552,191
Seth A. Rudnick	0	552,191	0	552,191
Guy M. Russo	0	552,191	0	552,191
Eric A. Young	0	552,191	0	552,191

⁽i) Sole power to vote or direct the vote

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following. \square .

Item 6. Ownership of More than Five Percent on Behalf of Another Person

Not applicable.

Item 7. <u>Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the Parent Holding Company or Control Person</u>

Not applicable.

Item 8. <u>Identification and Classification of Members of the Group</u>

Each of the Reporting Persons expressly disclaims membership in a "Group" as defined in Rule 13d-1(b)(ii)(J).

Item 9. Notice of Dissolution of Group

Not applicable.

Item 10. <u>Certification</u>

Not applicable. This Schedule 13G is not filed pursuant to Rule 13d-1(b) or Rule 13d-1(c).

⁽ii) Shared power to vote or to direct the vote

⁽iii) Sole power to dispose or to direct the disposition of

⁽iv) Shared power to dispose or to direct the disposition of

CUSIP No.	03152W109	13G	Page	14	of	19	Pages
							-

SIGNATURES

After reasonable inquiry and to the best of the undersigned's knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: February 10, 2010

Canaan Equity	III L.P.
By: Canaan E Its Genera	quity Partners III LLC l Partner
Ву:	*
	Manager
Canaan Equity	III Entrepreneurs LLC
By: Canaan E Its Manag	quity Partners III LLC er
By:	₩
<u></u>	Manager
Canaan Equity	Partners III LLC
By:	*
	Manager
	*
John V. Balen	
	*
Stephen L. Gre	en
- LV	*
Deepak Kamra	
Cua varia Varia	*
Gregory Kopc	шізку
	*
Seth A. Rudnie	k
/s/ Guy M. Rus	SSO
Guy M. Russo	

CUSIP No. 03152W109 13G Page 15 of 19 Page

Eric A. Young

*By: /s/ Guy M. Russo

Guy M. Russo Attorney-in-Fact

This Schedule 13G was executed by Guy M. Russo pursuant to Powers of Attorney, copies of which are filed herewith as Exhibit 2.

CUSIP No. [03152W109	13G	Page	16	of	19	Page
-			-				_

Exhibit 1

Joint Filing Agreement

In accordance with Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, the undersigned agree that only one statement containing the information required by Schedule 13G need be filed by each of the undersigned with respect to the ownership by each of the undersigned of shares of stock of Amicus Therapeutics, Inc. This Agreement may be executed in any number of counterparts, each of which shall be deemed an original.

Executed as of February 10, 2010

13G

Page

of [

19 Pages

/s/ Guy M. Russo

Guy M. Russo

*

Eric A. Young

*By: /s/ Guy M. Russo

Guy M. Russo Attorney-in-Fact

This Joint Filing Agreement was executed by Guy M. Russo pursuant to a Power of Attorney, copies of which are filed herewith as Exhibit 2.

CUSIP No.	03152W109	13G	Page	18	of	19	Pages

Exhibit 2

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints each of Guy M. Russo and John D. Lambrech his true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities (until revoked in writing) to sign any and all instruments, certificates and documents required to be executed on behalf of himself as an individual or in his capacity as a general partner or authorized signatory, as the case may be, and on behalf of any of Canaan Equity III L.P., Canaan Equity III Entrepreneurs LLC and Canaan Equity Partners III LLC, in each case pursuant to the Securities Act of 1933, as amended, (the "Securities Act"), or the Securities Exchange Act of 1934, as amended (the "Exchange Act"), and any and all regulations promulgated thereunder (including filings on pursuant to Section 16 (Forms 3, 4 and 5) and Section 13 (Schedule 13D and Schedule 13G) of the Exchange Act) and to file the same, with all exhibits thereto, and any other documents in connection therewith, with the Securities and Exchange Commission, and with any other entity when and if such is mandated by the Securities Act, the Exchange Act or by the Financial Industry Regulatory Authority, granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing requisite and necessary fully to all intents and purposes as he might or could do in person thereby, and ratifying and confirming all that said attorney-in-fact and agent, or his substitute or substitutes, may lawfully do or cause to be done by virtue hereof, or may have done in connection with the matters described above.

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

CUSIP No.	03152W109	13G	Page	19	of	19	Pages

IN WITNESS WHEREOF, this Power of Attorney has been signed as of the 30th day of May, 2007.

CANAAN EQUITY III L.P.

By: Canaan Equity Partners III LLC, its General Partner

By: /s/ Gregory Kopchinsky

Name: Gregory Kopchinsky

Title: Manager

CANAAN EQUITY III ENTREPRENEURS LLC

By: Canaan Equity Partners III LLC, its Manager

By: /s/ Gregory Kopchinsky

Name: Gregory Kopchinsky

Title: Manager

CANAAN EQUITY PARTNERS III LLC

By: /s/ Gregory Kopchinsky

Name: Gregory Kopchinsky

Title: Manager

/s/ John V. Balen

John V. Balen

/s/ Stephen L. Green

Stephen L. Green

/s/ Deepak Kamra

Deepak Kamra

/s/ Gregory Kopchinsky

Gregory Kopchinsky

/s/ Seth A. Rudnick

Seth A. Rudnick

/s/ Guy M. Russo

Guy M. Russo

/s/ Eric A. Young

Eric A. Young