DYNAVAX TECHNOLOGIES CORP

October 25, 2013

| (Date of Event Which Requires Filing of this Statement) | |
|---|--|
| Check the appropriate box to designate the rule pursuant to which this Schedule is filed: | |
| [] Rule 13d-1(b) [X] Rule 13d-1(c) [] Rule 13d-1(d) | |

*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.

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).

| No. | SIP 13G Page 2 of 7 Pages 3158102 |
|------------------|---|
| 1. | Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). |
| | RA Capital Management, LLC |
| 2. | Check the Appropriate Box if a Member of a Group (See Instructions) (a) [_] (b) [_] |
| 3. | SEC Use Only |
| 4. | Citizenship or Place of Organization Massachusetts |
| of Sha Ber | neficially 25 002 224 |
| by Eac Rep | ch 7. Sole Dispositive ch 7. Power 0 corting son Shared Dispositive |
| 9. | Aggregate Amount Beneficially Owned by Each Reporting Person |
| | 25,993,234 Check if the Aggregate Amount in Row (9) Excludes [_] |
| 10 | |
| | Certain Shares (See Instructions) |

Percent of Class Represented by 11.

9.9%

Type of Reporting Person (See 12.

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| No. | SIP 13G Page <u>3</u> of <u>7</u> Pages 3158102 |
|----------|--|
| 1. | Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only). |
| | Peter Kolchinsky |
| 2. | Check the Appropriate Box if a Member of a Group (See Instructions) (a) [_] (b) [_] |
| 3. | SEC Use Only |
| 4. | Citizenship or Place of Organization United States |
| of | Sole Voting Power 0 ares Shared Voting periodally 25,993,234 |
| UW hv | nied |
| Eac | ch 7. Sole Dispositive Power 0 porting |
| | son th 8. Power 25,993,234 |
| 9. | Aggregate Amount Beneficially Owned by Each Reporting Person |
| | 25,993,234 |
| | Check if the Aggregate Amount in Row (9) Excludes [_] |
| 10 | |
| | Certain Shares (See Instructions) |

Percent of Class Represented by 11. Amount in Row (9) 9.9%

Type of Reporting Person (See 12.

IN

| CUS No. 268 | | _ of7_ Pages |
|--------------------------|---|--------------------------------|
|] | Names of Reporting I.R.S. Identification I persons (entities only | Nos. of above |
|] | RA Capital Healthc | are Fund, L.P. |
| 2.] | Check the Appropria Member of a Group ((a) [_] (b) [_] | te Box if a (See Instructions) |
| 3. 3 | SEC Use Only | |
| 4. | Citizenship or Place of Organization De | of elaware |
| OI Chor | Sole Voting Power Tes Shared Voting Power Power | 0 |
| OWI | Power ned | 20,301,157 |
| - | orting Power | 0 |
| Perso With | Snared Disposit | ive 01,157 |
| | Aggregate Amount B Owned by Each Repo | |
| , | 20,301,157 | |
| | Check if the Aggrega Row (9) Excludes [_] | |
| | Certain Shares (See I | nstructions) |

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Percent of Class Represented by
11. Amount in Row (9)
7.7%

Type of Reporting Person (See
12. Instructions)

PN
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| CUSIP No. 268158102 |
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| Item 1. |
| (a) Name of Issuer: Dynavax Technologies Corporation (the "Issuer"). |
| (b) Address of the Issuer's Principal Executive Offices: 2929 Seventh Street, Suite 100, Berkeley, CA 94710-2753. |
| Item 2. |
| (a) Name of Person Filing: This joint statement on Schedule 13G is being filed by Peter Kolchinsky, RA Capital Management, LLC ("Capital"), and RA Capital Healthcare Fund, L.P. (the "Fund"). Mr. Kolchinsky, Capital and the Fund are collectively referred to herein as the "Reporting Persons." |
| (b) Address of Principal Business Office: The principal business office of the Reporting Persons is c/o RA Capital Management, LLC, 20 Park Plaza, Suite 1200, Boston, MA 02116. |
| (c) Citizenship: Capital is a Massachusetts limited liability company. The Fund is a Delaware limited partnership. Mr. Kolchinsky is a United States citizen. |
| (d) Title and Class of Securities: Common stock ("Common Stock"). |
| (e) CUSIP Number: 268158102 |
| 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: |

| Not | ann | 1100 | hle |
|------|------|------|------|
| INDL | avv. | пса | UIC. |

Item 4. Ownership:

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

Amount Beneficially Owned:**

(a)

RA Capital Management, LLC - 25,993,234 shares

Peter Kolchinsky - 25,993,234 shares

RA Capital Healthcare Fund, L.P. - 20,301,157 shares

(b) Percent of Class: **

RA Capital Management, LLC – 9.9%

Peter Kolchinsky – 9.9%

RA Capital Healthcare Fund, L.P. – 7.7%

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

CUSIP No. 268158102

(i) sole power to vote or to direct the vote **
RA Capital Management, LLC - 0 shares

Peter Kolchinsky - 0 shares

RA Capital Healthcare Fund, L.P. - 0 shares

(ii) shared power to vote or to direct the vote**

RA Capital Management, LLC - 25,993,234 shares

Peter Kolchinsky - 25,993,234 shares

RA Capital Healthcare Fund, L.P. - 20,301,157 shares

(iii) Sole power to dispose or to direct the disposition of**
RA Capital Management, LLC - 0 shares

Peter Kolchinsky - 0 shares

RA Capital Healthcare Fund, L.P. - 0 shares

(iv) shared power to dispose or to direct the disposition of** RA Capital Management, LLC - 25,993,234 shares

Peter Kolchinsky - 25,993,234 shares

RA Capital Healthcare Fund, L.P. - 20,301,157 shares

** Shares reported herein for the Reporting Persons represent shares of Common Stock beneficially owned as set forth below and additional shares of Common Stock issuable upon the conversion of certain shares of Series B Convertible Preferred Stock ("Series B Shares") beneficially owned as set forth below. In the aggregate, the Reporting Persons own 43,430 Series B Shares convertible into 43,430,000 shares of Common Stock. The Series B Shares may not be converted such that the number of shares of Common Stock held by the Reporting Persons and their affiliates after such conversion exceeds 9.98% of the outstanding shares of Common Stock. Shares reported herein for the Fund represent shares of Common Stock held of record by the Fund and additional shares of Common Stock issuable upon the conversion of certain Series B Shares held of record by the Fund. Shares reported herein for Capital represent (a) the above-referenced shares of Common Stock and additional shares of Common Stock issuable upon the conversion of certain Series B Shares as reported for the Fund, for which the LLC serves as the sole general partner, and (b) shares of Common Stock held in a separately managed account for which Capital serves as investment adviser, and additional shares of Common Stock issuable upon the conversion of certain Series B Shares held in such managed

account. Shares reported herein for Mr. Kolchinsky represent the above-referenced shares of Common Stock (including additional shares of Common Stock issuable upon the exercise of certain Series B Shares) reported for Capital, for which Mr. Kolchinsky serves as the manager. Each of the Reporting Persons disclaims beneficial ownership of the shares reported herein except to the extent of its or his pecuniary interest therein.

| Item 5. | Ownershi | of Five | Percent or | Less of a | Class: |
|---------|----------|---------|------------|-----------|--------|
| | | | | | |

Not applicable.

| CUSIP No. 268158102 |
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| Item 6. Ownership of More than Five Percent on Behalf of Another Person: |
| Not applicable. |
| Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person: |
| Not applicable. |
| Item 8. Identification and Classification of Members of the Group: |
| Not applicable. |
| Item 9. Notice of Dissolution of Group: |
| Not applicable. |
| Item 10. Certification: |
| By signing below I hereby certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having |

that purpose or effect.

| CUSIP No. 268158102 |
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| 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. |
| Date: November 5, 2013 |
| RA CAPITAL MANAGEMENT, LLC |
| By: /s/ Peter Kolchinsky |
| Peter Kolchinsky Manager |
| PETER KOLCHINSKY |
| /s/ Peter Kolchinsky |

| RA CAPITAL HEALTHCARE FUND, L.P. | |
|----------------------------------|--|
| By: RA Capital Management, LLC | |
| General Partner | |
| By: /s/ Peter Kolchinsky | |
| Peter Kolchinsky | |
| Manager | |

| Exhibit 1 |
|--|
| JOINT FILING AGREEMENT |
| This Joint Filing Agreement, dated as of November 5, 2013, is by and among RA Capital Management, LLC, Peter Kolchinsky and RA Capital Healthcare Fund, L.P. (the foregoing are collectively referred to herein as the "Filers"). |
| Each of the Filers may be required to file with the United States Securities and Exchange Commission a statement on Schedule 13G and/or 13D with respect to Common Shares, par value \$0.001 per share, of Dynavax Technologies Corporation beneficially owned by them from time to time. |
| Pursuant to and in accordance with Rule 13(d)(1)(k) promulgated under the Securities Exchange Act of 1934, as amended, the Filers hereby agree to file a single statement on Schedule 13G and/or 13D (and any amendments thereto) on behalf of each of such parties, and hereby further agree to file this Joint Filing Agreement as an exhibit to such statement, as required by such rule. |
| This Joint Filing Agreement may be terminated by any of the Filers upon one week's prior written notice or such lesser period of notice as the Filers may mutually agree. |
| Executed and delivered as of the date first above written. |
| RA CAPITAL MANAGEMENT, LLC |
| By: /s/ Peter Kolchinsky |
| Peter Kolchinsky |
| Manager |

| PETER KOLCHINSKY |
|----------------------------------|
| /s/ Peter Kolchinsky |
| |
| RA CAPITAL HEALTHCARE FUND, L.P. |
| By: RA Capital Management, LLC |
| General Partner |
| By: /s/ Peter Kolchinsky |
| Peter Kolchinsky |
| Manager |