

PACIFIC BIOSCIENCES OF CALIFORNIA, INC.  
Form SC 13G/A  
February 16, 2016

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Schedule 13G  
(Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1 (b), (c) AND (d)  
AND AMENDMENTS THERETO FILED PURSUANT TO 13d-2 (b)

(Amendment No. 1)\*

Pacific Biosciences of California, Inc.  
(Name of Issuer)

Common Stock  
(Title of Class of Securities)

69404D108  
(CUSIP Number)

December 31, 2015  
(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)

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

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).

(Continued on following pages)

Page 1 of 8

Exhibit Index on Page 7

CUSIP # 69404D108 Page 2 of 8

1 NAME OF REPORTING PERSONS Kleiner Perkins Caufield & Byers XI-A, L.P. ("KPCB XI-A")

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a) " (b) x

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

SOLE VOTING POWER

5 1,486,730 shares, except that KPCB XI Associates, LLC ("Associates"), the general partner of KPCB XI-A, may be deemed to have sole power to vote these shares.

6 SHARED VOTING POWER

See response to row 5.

SOLE DISPOSITIVE POWER

7 1,486,730 shares, except that Associates, the general partner of KPCB XI-A, may be deemed to have sole power to dispose of these shares.

8 SHARED DISPOSITIVE POWER

See response to row 7.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,486,730

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

..

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

2.0%

12 TYPE OF REPORTING PERSON

PN

CUSIP # 69404D108 Page 3 of 8

1 NAME OF REPORTING PERSONS Kleiner Perkins Caufield & Byers XI-B, L.P. ("KPCB XI-B")

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a) " (b) x

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF  
SHARES

BENEFICIALLY SOLE VOTING POWER

OWNED BY EACH 5 35,846 shares, except that Associates, the general partner of KPCB XI-B, may be deemed to  
REPORTING have sole power to vote these shares.

PERSON  
WITH

6 SHARED VOTING POWER

See response to row 5.

SOLE DISPOSITIVE POWER

7 35,846 shares, except that Associates, the general partner of KPCB XI-B, may be deemed to  
have sole power to dispose of these shares.

8 SHARED DISPOSITIVE POWER

See response to row 7.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING  
PERSON

35,846

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN  
SHARES

..

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

0.0%

12 TYPE OF REPORTING PERSON

PN

CUSIP # 69404D108 Page 4 of 8

1 NAME OF REPORTING PERSONS KPCB XI Associates, LLC

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP

(a) " (b) x

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

NUMBER OF  
SHARES

BENEFICIALLY SOLE VOTING POWER

OWNED BY EACH REPORTING PERSON WITH 5 1,522,576 shares, of which 1,486,730 are directly owned by KPCB XI-A and 35,846 are directly owned by KPCB XI-B. Associates, the general partner of KPCB XI-A and KPCB XI-B, may be deemed to have sole power to vote these shares.

6 SHARED VOTING POWER

See response to row 5.

SOLE DISPOSITIVE POWER

7 1,522,576 shares, of which 1,486,730 are directly owned by KPCB XI-A and 35,846 are directly owned by KPCB XI-B. Associates, the general partner of KPCB XI-A and KPCB XI-B, may be deemed to have sole power to dispose of these shares.

8 SHARED DISPOSITIVE POWER

See response to row 7.

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,522,576

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES

..

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

2.0%

12 TYPE OF REPORTING PERSON

OO

CUSIP # 69404D108 Page 5 of 8

This Amendment No. 1 amends the Statement on Schedule 13G previously filed by Kleiner Perkins Caufield & Byers XI-A, L.P., a Delaware limited partnership, Kleiner Perkins Caufield & Byers XI-B, L.P., a Delaware limited partnership, and KPCB XI Associates, LLC, a Delaware limited liability company. The foregoing entities are collectively referred to as the "Reporting Persons." Only those items as to which there has been a change are included in this Amendment No. 1.

ITEM OWNERSHIP  
4.

The following information with respect to the ownership of the ordinary shares of the Issuer by the persons filing this Statement is provided as of December 31, 2015:

(a) Amount beneficially owned:  
See Row 9 of cover page for each Reporting Person.

(b) Percent of Class:  
See Row 11 of cover page for each Reporting Person.

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

(i) Sole power to vote or to direct the vote:  
See Row 5 of cover page for each Reporting Person.

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

See Row 6 of cover page for each Reporting Person.

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

See Row 7 of cover page for each Reporting Person.

- (iv) Shared power to dispose or to direct the disposition of:  
See Row 8 of cover page for each Reporting Person.

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:   x Yes

CUSIP # 69404D108 Page 6 of 8

SIGNATURES

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: February 12, 2016

KLEINER  
PERKINS  
CAUFIELD &  
BYERS XI-A, L.P.,  
a Delaware limited  
partnership

KLEINER  
PERKINS  
CAUFIELD &  
BYERS XI-B, L.P.,  
a Delaware limited  
partnership

KPCB XI  
ASSOCIATES,  
LLC, a Delaware  
limited  
liability company

By: /s/ Paul Vronsky  
Paul Vronsky  
General Counsel

CUSIP # 69404D108 Page 7 of 8

EXHIBIT INDEX

Exhibit	Found on Sequentially Numbered Page
Exhibit A: Agreement of Joint Filing	8

CUSIP # 69404D108 Page 8 of 8

exhibit A

Agreement of Joint Filing

The Reporting Persons hereby agree that a single Schedule 13G (or any amendment thereto) relating to the Common Stock of the Issuer shall be filed on behalf of each of the Reporting Persons. Note that copies of the applicable Agreement of Joint Filing are already on file with the appropriate agencies.