

PACIFIC BIOSCIENCES OF CALIFORNIA INC
Form SC 13G
April 01, 2011

SECURITIES AND EXCHANGE COMMISSION
Washington, D.C.20549

Schedule 13G

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. _____)*

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

Common Stock
(Title of Class of Securities)

69404D108
(CUSIP Number)

December 31, 2010
(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)

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Exhibit Index Contained on Page 14

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1	NAME OF REPORTING PERSONS	
	MDV VII, L.P. ("MDV VII")	
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	
		5
	SOLE VOTING POWER	
	4,113,179 shares, except that Seventh MDV Partners, L.L.C. ("Seventh MDV"), the general partner of MDV VII, may be deemed to have sole power to vote these shares, and William W. Ericson ("Ericson"), Nancy J. Schoendorf ("Schoendorf") and Jonathan D. Feiber ("Feiber"), members of Seventh MDV, may be deemed to have shared power to vote these shares.	
	NUMBER OF	6
	SHARES	
	BENEFICIALLY	
	OWNED BY EACH	
	REPORTING	7
	PERSON	
	WITH	
	SHARED VOTING POWER	
	See response to row 5.	
	SOLE DISPOSITIVE POWER	8
	4,113,179 shares, except that Seventh MDV, the general partner of MDV VII, may be deemed to have sole power to dispose of these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to dispose of these shares.	
	SHARED DISPOSITIVE POWER	
	See response to row 7.	
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
	4,113,179	
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
	..	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	
	7.8%	
12	TYPE OF REPORTING PERSON	
	PN	

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1	NAME OF REPORTING PERSONS	
	MDV VII Leaders' Fund, L.P. ("MDV VII LF")	
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	
	5	SOLE VOTING POWER
		345,722 shares, except that Seventh MDV, the general partner of MDV VII LF, may be deemed to have sole power to vote these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to vote these shares.
	6	SHARED VOTING POWER
		See response to row 5.
	7	SOLE DISPOSITIVE POWER
		345,722 shares, except that Seventh MDV, the general partner of MDV VII LF, may be deemed to have sole power to dispose of these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to dispose of these shares.
	8	SHARED DISPOSITIVE POWER
		See response to row 7.
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
		345,722
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
		..
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	
		0.7%
12	TYPE OF REPORTING PERSON	
		PN

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1	NAME OF REPORTING PERSONS	
	MDV ENF VII (A), L.P. ("MDV ENF 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	
	5	SOLE VOTING POWER
		91,731 shares, except that Seventh MDV, the general partner of MDV ENF A, may be deemed to have sole power to vote these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to vote these shares.
	6	SHARED VOTING POWER
		See response to row 5.
	7	SOLE DISPOSITIVE POWER
		91,731 shares, except that Seventh MDV, the general partner of MDV ENF A, may be deemed to have sole power to dispose of these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to dispose of these shares.
	8	SHARED DISPOSITIVE POWER
		See response to row 7.
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
		91,731
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
		..
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	
		0.2%
12	TYPE OF REPORTING PERSON	
		PN

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1	NAME OF REPORTING PERSONS	
	MDV ENF VII (B), L.P. ("MDV ENF 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	
	5	SOLE VOTING POWER
		47,765 shares, except that Seventh MDV, the general partner of MDV ENF B, may be deemed to have sole power to vote these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to vote these shares.
	6	SHARED VOTING POWER
		See response to row 5.
	7	SOLE DISPOSITIVE POWER
		47,765 shares, except that Seventh MDV, the general partner of MDV ENF B, may be deemed to have sole power to dispose of these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to dispose of these shares.
	8	SHARED DISPOSITIVE POWER
		See response to row 7.
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
		47,765
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES	
		..
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9	
		0.1%
12	TYPE OF REPORTING PERSON	
		PN

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1	NAME OF REPORTING PERSONS Seventh MDV Partners, L.L.C.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions) (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
	5	SOLE VOTING POWER 4,598,397 shares, of which 4,113,179 are directly owned by MDV VII, 345,722 are directly owned by MDV VII LF, 91,731 are directly owned by MDV ENF A and 47,765 are directly owned by MDV ENF B. Seventh MDV, the general partner of MDV VII, MDV VII LF, MDV ENF A and MDV ENF B, may be deemed to have sole power to vote these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to vote these shares.
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6	SHARED VOTING POWER See response to row 5.
	7	SOLE DISPOSITIVE POWER 4,598,397 shares, of which 4,113,179 are directly owned by MDV VII, 345,722 are directly owned by MDV VII LF, 91,731 are directly owned by MDV ENF A and 47,765 are directly owned by MDV ENF B. Seventh MDV, the general partner of MDV VII, MDV VII LF, MDV ENF A and MDV ENF B, may be deemed to have sole power to dispose of these shares, and Ericson, Schoendorf and Feiber, members of Seventh MDV, may be deemed to have shared power to dispose of these shares.
	8	SHARED DISPOSITIVE POWER See response to row 7.
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON	4,598,397
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)	..
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)	8.7%
12	TYPE OF REPORTING PERSON (See Instructions)	OO

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1 NAME OF REPORTING PERSONS William W. Ericson
2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A
GROUP (a) (b)

3 SEC USE ONLY
4 CITIZENSHIP OR PLACE OF ORGANIZATION
U.S. Citizen

NUMBER OF 5 SOLE VOTING POWER
0shares.

SHARES

BENEFICIALLY

OWNED BY EACH

REPORTING

PERSON

WITH