### APPLIED BIOSYSTEMS INC. Form SC 13G March 12, 2010

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

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Under the Securities Exchange Act of 1934

SCHEDULE 13G

INFORMATION STATEMENT PURSUANT TO RULES 13d-1 AND 13d-2 UNDER THE SECURITIES EXCHANGE ACT OF 1934

Celera Corporation

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(Name of Issuer)

Common Stock, \$.01 Par value

(Title of Class of Securities)

15100E106

(CUSIP Number)

March 4, 2010

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(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)

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CUSIP No. 15100E106			Page 2 of 6 Pages
1) NAME OF REPORTING PERS	SON		
SENATOR INVESTMENT GRO	OUP LP		
2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP			(a)  _
			(b)  X
3) SEC USE ONLY			
4) CITIZENSHIP OR PLACE (	OF ORGANIZAT	ION	
Delaware			
	5)	SOLE VOTING POWER	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		4,350,000	
	6)	SHARED VOTING POWER	
		0	
	7)	SOLE DISPOSITIVE PO	 DWER
		4,350,000	
	8)	SHARED DISPOSITIVE	POWER
		0	
9) AGGREGATE AMOUNT BENEE	FICIALLY OWN	ED BY EACH REPORTING	PERSON
4,350,000			
10) CHECK BOX IF THE AGGRE	EGATE AMOUNT	IN ROW (9) EXCLUDES	CERTAIN SHARES
			1_1
11) PERCENT OF CLASS REPRE	ESENTED BY A	 MOUNT IN ROW (9)	
5.3%			
12) TYPE OF REPORTING PERS			
IA			
Schedule 13G CUSIP	No. 15100E1	06	Page 3 of 6 Pages
Item 1(a).			
Name of Issuer: Celera Con	rporation		

Item 1(b). Address of Issuer's Principal Executive Offices: 1401 Harbor Bay Parkway Alameda, California 94502 Item 2(a). Name of Persons Filing: Senator Investment Group LP Item 2(b). Address of Principal Business Office or, if None, Residence: The principal office of Senator Investment Group LP is: 1330 Avenue of the Americas 26th Floor New York, NY 10019 Item 2(c). Citizenship: Senator Investment Group LP is a Delaware limited partnership Item 2(d). Title of Class of Securities: Common Stock, \$.01 Par Value Item 2(e). CUSIP Number: 15100E106 If this statement is filed pursuant to ss.ss. 240.13d-1(b), or Item 3. 240.13d-2(b) or (c), check whether the person filing is a: Not applicable CUSIP No. 15100E106 Schedule 13G Page 4 of 6 Pages Item 4. Ownership. (a) Amount beneficially owned: 4,350,000 Percent of class: 5.3% (b) Number of shares as to which such person has: (C) Sole power to vote or to direct the vote: 4,350,000

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

4,350,000

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

3

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

Senator Investment Group LP, a Delaware limited partnership, serves as investment manager to a Delaware limited partnership, two Cayman Islands limited partnerships, and a Cayman Islands company (collectively, the "Funds"), and as such, has investment discretion with respect to the Funds.

(1) Percentages are based on 81,943,596 shares of common stock outstanding as of November 1, 2009 (as set forth on the Issuer's Form 10-Q, filed on November 9, 2009 with the Securities and Exchange Commission).

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

Not Applicable

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

The partners of the Funds have the right to participate in the receipt of dividends from, or proceeds from the sale of, the securities reported herein held by the Funds in accordance with their respective ownership interests in the Funds.

Senator Investment Group LP disclaims beneficial ownership of the securities included in this report and this report shall not be deemed an admission that Senator Investment Group LP is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.

Identification and Classification of the Subsidiary Which Acquired Item 7. the Security Being Reported on by the Parent Holding Company.

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 certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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 such purpose or effect.

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SIGNATURE

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

Dated as of March 12, 2010

Senator Investment Group LP By: Edward Larmann

Chief Financial Officer

By: /s/ Edward Larmann