APPLERA CORP

Form 4	OKP										
November 05	. 2007										
								OMB AP	PROVAL		
FORM	UNITED STF	ATES SECUR Was	ITIES Al hington, l			NGE CO	OMMISSION	OMB Number:	3235-0287		
Check this								Expires:	January 31,		
if no longe subject to Section 16 Form 4 or Form 5	STATEMEN	T OF CHANGES IN BENEFICIAL OWNE SECURITIES						Estimated a burden hour response			
Form 5 obligations may continue. See Instruction 1(b). Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940											
(Print or Type Ro	esponses)										
1. Name and Ad KERR BARI	ldress of Reporting Perso BARA J	Symbol	Name and ' RA CORP			0	5. Relationship of I Issuer	Reporting Perso	on(s) to		
(Last)	(First) (Middl			-			(Check	all applicable))		
APPLERA C BIOSYSTEN	CORP - APPLIED AS GROUP, 850 ENTRE DRIVE	(Month/Da	$\frac{11/01/2007}{\frac{X}{below}}$ Office				4	ive title 10% Owner Other (specify below) sident-Human Resourses			
				Applicable Line) _X_ Form filed by				oint/Group Filing(Check One Reporting Person			
FOSTER CIT	ГҮ, СА 94404					Ī	Form filed by Mo Person	ore than One Rep	porting		
(City)	(State) (Zip)) Table	I - Non-De	erivative S	Securi	ties Acqui	ired, Disposed of,	or Beneficiall	y Owned		
1.Title of Security (Instr. 3)	(Month/Day/Year) E	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)				cquired d of (D) 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(D)	Price	(Instr. 3 and 4)				
Applied Biosystems Group Common Stock	11/01/2007		М	8,364	A	\$ 15.54	23,925.7177 (1)	D			
Applied Biosystems Group Common Stock	11/01/2007		М	9,936	A	\$ 20.185	33,861.7177	D			
	11/01/2007		S <u>(2)</u>	100	D	\$ 37.34	33,761.7177	D			

Applied Biosystems Group Common Stock					
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	100	D	\$ 37.33 33,661.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	100	D	\$ 37.32 33,561.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	200	D	\$ 37.26 33,361.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	800	D	\$ 37.2 32,561.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	200	D	\$ 37.14 32,361.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	500	D	\$ 37.13 31,861.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	100	D	\$ 37.12 31,761.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	100	D	\$ 37.11 31,661.7177 D
	11/01/2007	S <u>(2)</u>	100	D	\$37.08 31,561.7177 D

2

Applied Biosystems Group Common Stock							
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	1,200	D	\$ 37	30,361.7177	D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	600	D	\$ 36.99	29,761.7177	D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	900	D	\$ 36.98	28,861.7177	D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	600	D	\$ 36.97	28,261.7177	D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	200	D	\$ 36.96	28,061.7177	D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	500	D	\$ 36.95	27,561.7177	D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	100	D	\$ 36.94	27,461.7177	D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	100	D	\$ 36.9	27,361.7177	D
	11/01/2007	S <u>(2)</u>	300	D	\$ 36.89	27,061.7177	D

3

Applied Biosystems Group Common Stock					
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	200	D	\$ 36.88 26,861.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	400	D	\$ 36.87 26,461.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	500	D	\$ 36.86 25,961.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	800	D	\$ 36.85 25,161.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	800	D	\$ 36.84 24,361.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	700	D	\$ 36.83 23,661.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	800	D	\$ 36.79 22,861.7177 D
Applied Biosystems Group Common Stock	11/01/2007	S <u>(2)</u>	1,000	D	\$ 36.78 21,861.7177 D
	11/01/2007	S <u>(2)</u>	3,300	D	\$36.77 18,561.7177 D

4

Applied Biosystems Group Common Stock

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount A Underlying Securitie (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amo or Nun of Shar
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 15.54	11/01/2007		М	8,364	<u>(3)</u>	03/24/2013	Applied Biosystems Group Common Stock	8,3
Applied Biosystems Group Employee Stock Options-Right to Buy	\$ 20.185	11/01/2007		М	9,936	(4)	06/17/2014	Applied Biosystems Group Common Stock	9,9

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer

Other

KERR BARBARA J APPLERA CORP - APPLIED BIOSYSTEMS GROUP 850 LINCOLN CENTRE DRIVE FOSTER CITY, CA 94404

Signatures

/s/ Thomas P. Livingston, Attorney-In-Fact for Barbara J. Kerr

11/05/2007

**Signature of Reporting Person

Date

Vice President-Human

Resourses

Explanation of Responses:

- * If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Includes 126.1394 shares of Applied Biosystems Group Common Stock purchased in September 2007 under the issuer's employee stock purchase plan.
- (2) Reflects sale by independent third-party administrator under the issuer's Insider Diversification Program.

(3) These options originally became exercisable in four equal annual installments, commencing March 24, 2004. Effective January 20, 2005, the vesting of all of these options was accelerated. However, shares received upon the exercise of accelerated options were subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that expired on the original vesting dates of those options.

These options originally became exercisable in four equal annual installments, commencing June 17, 2005. Effective January 20, 2005, the vesting of all of these options was accelerated. However, shares received upon the exercise of accelerated options are subject to a

(4) The vesting of an of these options was accelerated. However, shares received upon the exercise of accelerated options are subject to a restriction on transfer (covering sales, gifts, pledges, and any other method of disposition) that will remain in effect until the earlier of the original vesting dates of those options or termination of the reporting person's employment.

Remarks:

This is the first of two forms being filed by the reporting person on November 5, 2007.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.