CARTER BRUCE L A

Form 4

October 12, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

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OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * CARTER BRUCE L A			2. Issuer Name and Ticker or Trading Symbol ZYMOGENETICS INC [ZGEN]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
1201 EASTL	, ,	, ,	(Month/Day/Year) 10/08/2010	_X_ Director 10% Owner Officer (give title below) Other (specify below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
SEATTLE, WA 98102			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Ad	canired Disposed of or Repeticially Owne			

(City)	(State)	Tabl	e I - Non-I	Derivative So	ecuriti	es Acqu	iired, Disposed of	f, or Beneficiall	ly Owned
1.Title of	2. Transaction Date		3.	4. Securitie			5. Amount of	6.	7. Nature of
Security (Instr. 3)	(Month/Day/Year)	Execution Date, if any	Code	on(A) or Disp (Instr. 3, 4		` ′	Securities Beneficially	Ownership Form: Direct	Indirect Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(A)		Reported Transaction(s)	(Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	10/08/2010		U	468,750	D	\$ 9.75	115,399	D	

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

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

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1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transactio	5. orNumber	6. Date Exercisal Expiration Date		7. Title and Amount of	8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Monumbay, 1cm)	any (Month/Day/Year)	Code (Instr. 8)	of Derivative	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		Underlying Securities (Instr. 3 and 4)	(Instr. 5) B C F R T	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Ex Exercisable Da	•	Title Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

CARTER BRUCE L A

CARTER BRUCE L A
1201 EASTLAKE AVENUE EAST X
SEATTLE, WA 98102

Signatures

/s/ James A. Johnson, By Power of Attorney

10/12/2010 Date

**Signature of Reporting Person

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).

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.

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