FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPE	APPROVAL						
OMB Number:	3235-0287						
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	Check this box if no longer subject to
١	Section 16. Form 4 or Form 5
J	obligations may continue. See
	Instruction 1/h)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

					_														
Name and Address of Reporting Person* Light and The second Properties						2. Issuer Name and Ticker or Trading Symbol ZAFGEN , INC . [ZFGN]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
<u>Hughes Thomas E.</u>					1	<u> </u>								X Director		ctor	10% (Owner	
														37	Offic	er (give title	Other	(specify	
(Last) (First) (Middle)						3. Date of Earliest Transaction (Month/Day/Year)								X	belov		below		
C/O ZAFGEN, INC.						08/29/2016								President and CEO					
175 PORTLAND STREET, 4TH FLOOR																			
-					- 4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable					
(Street)														Line)					
BOSTON	I M.	Α (2114											X	X Form filed by One Reporting Person				
					.									Form filed by More than One Reporting					
(City)	(C+	oto) /	7in)											Person					
(City)	(51	ate) (Zip)																
		Tabl	e I - N	on-Deriv	ative	Seci	uritie	s Ac	quire	d, Di	sposed o	f, or B	Benefic	ially	Owne	ed			
1. Title of S	ecurity (Inst	r. 3)		2. Transac	tion					3. 4. Securities Acquired (A) or						ount of	6. Ownership	7. Nature	
				Date (Month/Da	v/Year)				Transaction Code (Instr. 3, 4 and 8)			tr. 3, 4 an	Benef Owne			Form: Direct (D) or Indirect	of Indirect Beneficial Ownership		
				(Montaine	y, reary										ed Following (I	(I) (Instr. 4)			
											(A) or Price		Repor		ted action(s)		(Instr. 4)		
						Code	٧	Amount	(D)	Price		(Instr. 3 and 4)							
Common Stock 08/29/20						016			P		10,000	A	\$2.99	987(1)		3,936	D		
		To	bla II	Dorivet	ivo C	00111	tion	A 0.01	iirad	Dian	acad of	or Bor	oficial	lv Ov	vnod			<u> </u>	
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																			
1. Title of	2.	3. Transaction	3A. Dee	emed	4.		5. Nui	mber	6. Date	Exerc	isable and	7. Title	and	8. Pr	ice of	9. Number o	f 10.	11. Nature	
Derivative	Conversion	Date (Month/Day/Year)			Transaction Code (Instr.				Expiration Date A			Amount of		Derivative Security		derivative	Ownership	of Indirect	
Security (Instr. 3)	or Exercise Price of		if any (Month	/Day/Year)	Code (ınstr.	Derivative Securities		(Month/Day/Year)			Securities Underlying		(Inst		Securities Beneficially	Form: Direct (D)	Beneficial Ownership	
` ′	` Derivative \ `			·	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Acquired		Derivativ			ive	Ι`		Owned	or Indirect	(Instr. 4)		
Security					(A) or Security (Instr. Disposed and 4)						y (Instr. 3	3		Following Reported	(I) (Instr. 4)				
					of (D)			"						Transaction	(s)				
				(Instr. 3, 4 and 5)									(Instr. 4)						
				ŀ			1 1						A	_					
													Amount or						
									D-4-		Funinatio:		Number						
					Code	v	(A)	(D)	Date Exerci	sable	Expiration Date	Title	of Shares						

Explanation of Responses:

1. The price reported in Column 4 is a weighted average price. The shares were purchased in multiple transactions at prices ranging from \$2.985 to \$3.00, inclusive. The reporting person undertakes to provide to Zafgen, Inc., any security holder of Zafgen, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased at each separate price within the ranges set forth herein.

Remarks:

/s/ Laurie Burlingame, Attorney-in-Fact 08/31/2016

** Signature of Reporting Person Date

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

- * 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.

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 Number.