SEC For	rm 4 FORM	4	UNITE	D STA	TES	S SI	ECU	RITI	ES AN	ID E	ЕХСНА	NGE C	юммі	SSION					
				ITED STATES SECURITIES AND EXCHANGE COM Washington, D.C. 20549														VAL	
Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).				Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940										Estimated average burden			3235-0287 en 0.5		
1. Name and Address of Reporting Person [*] Vaishnaw Akshay					2. Is <u>AI</u>	2. Issuer Name and Ticker or Trading Symbol									5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner				
(Last) (First) (Middle) 675 WEST KENDALL STREET					3. [3. Date of Earliest Transaction (Month/Day/Year) 12/05/2022								X Officer (give title Other (specify below) below) President					
HENRI A. TERMEER SQUARE (Street) CAMBRIDGE MA 02142					_ 4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting					
(City)	(State) (Zip)									Perso		ore thai	n One Rep	orting					
		Tab	le I - No	on-Deriv	vative	e Se	curit	ies Ac	quired	l, Dis	sposed c	of, or Be	neficial	ly Owned	ł				
1. Title of Security (Instr. 3)				2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)			Code	Transaction Code (Instr.		4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 5)			5. Amount of Securities Beneficially Owned Following Reported		Direct I Indirect I str. 4)	7. Nature of ndirect Beneficial Ownership (Instr. 4)	
									Code	v	Amount	(A) or (D)	Price	Transact (Instr. 3 a			ľ	(iii3u: 4)	
Common Stock				12/05/2022					М		1,124	A	\$88.95	5 19,470			D		
Common Stock				12/05/2022					М		1,587	A	\$ <mark>63</mark>	21,	057	D			
Common Stock				12/05/2022					М		2,368	A	\$42.22	23,	425	25 D			
Common Stock			12/05/2022			<u> </u>		F	<u> </u>	1,324	D	\$226.2	22,	101		D			
Common Stock														5:	15		I 1	by Managed Account ⁽¹⁾	
		1	able II -								oosed of, converti			Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) (Month/Day/Year) (Month/Day/		n Date,	Date, Transacti Code (Ins		n of Deri Sec Acq (A) Disp of (I	oosed D) tr. 3, 4	6. Date E Expiratio (Month/I	on Dat	e	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Numb derivativ Securitie Beneficia Owned Followin Reported Transact (Instr. 4)	e Own s Forn illy Dire or In g (I) (Ir	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4	Beneficial Ownershi (Instr. 4)		
					Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	Amount or Number of Shares						
Stock Option (right to buy)	\$42.22	12/05/2022		М				2,368	(2)		12/20/2026	Common Stock	2,368	\$0.0	0		D		
Stock Option (right to buy)	\$63	12/05/2022			М	М		1,587	(2)		12/18/2023	Common Stock	1,587	\$0.0	30,9:	13	D		
Stock Option (right to buy)	\$88.95	12/05/2022			М			1,124	(2)		12/18/2025	Common Stock	1,124	\$0.0	28,8	76	D		
	n of Bocnon																		

Explanation of Responses:

1. Reflects shares of ALNY common stock acquired by the reporting person under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.

2. The stock option vested as to 25% of the shares on the 1st anniversary of the date of the stock option grant and as to an additional 6.25% of the shares each successive three month period thereafter.

<u>By: /s/ Cynthia L Anderson,</u>	
Attorney-in-Fact For: Akshay	12/07/2022
K. Vaishnaw	

** Signature of Reporting Person Date

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

 \ast 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.