FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

1. Name and Address of Reporting Person [*] KARR ROBERT W						2. Issuer Name and Ticker or Trading Symbol <u>IDERA PHARMACEUTICALS, INC.</u> [IDRA]									k all app Direct	licable) or	ng Pe	erson(s) to I	wner	
(Last) (First) (Middle) 707 DOMINION DRIVE					3. Date of Earliest Transaction (Month/Day/Year) 06/09/2014										Officer (give title below)		Other (specify below)			
						4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street) ST. LOUIS MO 63131													X	Form	orm filed by One Reporting Person					
														Form Perso		re tha	an One Rep	orting		
(City)	(S	tate) (Zip)																	
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3) 2. Transact Date (Month/Day						Execution Date,			Code (In	Transaction Dispos Code (Instr. and 5)		rities Acquired (A ed Of (D) (Instr. 3,			5. Amo Securit Benefic Owned	es For ially (D) Ind		irect (I)	7. Nature of Indirect Beneficial Ownership	
								Code	v	Amoun	int (A) or (D)		ce	Report Transa	Following (li Reported Fransaction(s) Instr. 3 and 4)		.tr. 4)	(Instr. 4)		
	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. Transaction Code (Instr. 8)		n of E		Expiration	6. Date Exercisable and Expiration Date Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		Price erivative curity istr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	у	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisable		piration ite	Title	Amoun or Numbe of Shares							
Stock Option	\$3.25	06/09/2014			Α		35,000		(1)	06	/09/2024	Common Stock	35,00	0	\$0.00	35,000		D		

Explanation of Responses:

1. The option vests in twelve equal quarterly installments over three years from the date of grant, with the first installment vesting on September 9, 2014. The option was automatically granted pursuant to the Company's director compensation program on the date of the Company's 2014 annual meeting of stockholders at an exercise price equal to the closing price of the Company's common stock on the date of grant.

Remarks:

/s/ Robert W. Karr

06/11/2014

** 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.