FORM 4

Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washir

ngton, D.C. 20549	OMB APPROVAL
	I I

Check this box if no longer subject to	STATEMENT OF CHANGES IN BENEFICIAL	OWNERSHIP
Section 16. Form 4 or Form 5		
obligations may continue. See		

OMB Number: Estimated average burden hours per response: 0.5

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* SIEGALL CLAY B					2. Issuer Name and Ticker or Trading Symbol Mirna Therapeutics, Inc. [MIRN]							Relationship eck all applic X Directo	cable) or	g Pers	10% Ow	ner
	RNA THER	APEUTICS, IN		0	. Date 6 6/29/2		Trans	saction (Mont	h/Day/Year)			Officer (give title below)		Other (s below)	pecify	
3711 SOUTH MOPAC EXPRESSWAY, STE 100				0 4	4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable Line)				
(Street)	I T	x	78746									X Form f	led by Mor		orting Persor One Repor	
(City)	(S	tate)	(Zip)													
		Tab	le I - Non-I	Derivati	ve Se	curities	s Ac	quired, Di	sposed o	of, or Be	neficial	ly Owned				
Date			. Transactio Date Month/Day/	Execution Date,			Code (Instr. 5)				Benefici	s ally following	Form	: Direct Indirect str. 4)	7. Nature of Indirect Beneficial Ownership	
							Code V	Amount	(A) oi (D)	Price	Transact (Instr. 3	tion(s)			(Instr. 4)	
		-	Table II - De					uired, Dis s, options,				Owned				•
1. Title of Derivative Security (Instr. 3)	rative Conversion Date Execution Date, Tr rity or Exercise (Month/Day/Year) if any C		Code	ansaction of ode (Instr. Derivative		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
					· V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
Stock Option (Right to Buy)	\$4.74	06/29/2016		A		10,000		(1)	06/29/2026	Common Stock	10,000	\$0.00	10,000	0	D	

Explanation of Responses:

1. The option vests and become exercisable in full on the earlier of (A) June 29, 2017 or (B) immediately prior to the next annual meeting of the Issuer's stockholders, subject to the Reporting Person continuing to provide services to the Issuer through such vesting date.

/s/ Jon Irvin, Attorney-in-Fact

09/06/2016

for Clay B. Siegall

** 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.