

Kindred Biosciences, Inc.
 Form 4
 September 30, 2014

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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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 OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 NODELMAN OLEG

(Last) (First) (Middle)

C/O KINDRED BIOSCIENCES, INC., 1499 BAYSHORE HIGHWAY, SUITE 226

(Street)

BURLINGAME, CA 94010

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
 Kindred Biosciences, Inc. [KIN]

3. Date of Earliest Transaction (Month/Day/Year)
 09/29/2014

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)

Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
				(A) or (D)	Price				
				Code	V	Amount			
Common Stock	09/29/2014		P	44,410	A	\$ 9.5597	490,936 ⁽³⁾	I	By EcoR1 Capital Fund, L.P. ⁽¹⁾
Common Stock	09/29/2014		P	55,590	A	\$ 9.5597	614,495 ⁽³⁾	I	By EcoR1 Capital Fund Qualified, L.P. ⁽²⁾
Common Stock							50,000	D	

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The shares owned directly by each of Capital Fund and Qualified Fund have been adjusted from the previous Form 4 filed by Mr.

- (3) Nodelman with respect to securities of the Issuer to give effect to transfers of shares between Capital Fund and Qualified Fund in connection with periodic rebalancing transactions, which occurred prior to the transactions reported herein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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