

Kindred Biosciences, Inc.  
 Form 3  
 April 15, 2016

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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 *                         |         |          | 2. Date of Event Requiring Statement |  | 3. Issuer Name and Ticker or Trading Symbol          |  |
| Â MONTGOMERY HERBERT  |         |          | (Month/Day/Year)                     |  | Kindred Biosciences, Inc. [Kin]                      |  |
| D   |         |          | 04/15/2016                           |  |  |  |
| (Last)  | (First) | (Middle) |                                      |  | 4. Relationship of Reporting Person(s) to Issuer     |  |
| C/O KINDRED BIOSCIENCES, INC., Â 1555 BAYSHORE HIGHWAY, SUITE 200 |         |          |                                      |  | 5. If Amendment, Date Original Filed(Month/Day/Year) |  |
| (Street)  |         |          |                                      |  |  |  |
| BURLINGAME, Â CA Â 94010  |         |          |                                      |  |  |  |
| (City)  | (State) | (Zip)    |                                      |  |  |  |

(Check all applicable)

Director     10% Owner  
 Officer     Other  
 (give title below)    (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 Beneficially Owned**

|                                    |  |   |  |
|------------------------------------|--|---|--|
| 1. Title of Security<br>(Instr. 4) | 2. Amount of Securities Beneficially Owned<br>(Instr. 4) | 3. Ownership Form:<br>Direct (D)<br>or Indirect (I)<br>(Instr. 5) | 4. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|------------------------------------|--|---|--|

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

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

|   |   |  |   |   |  |
|---|---|--|---|---|--|
| 1. Title of Derivative Security<br>(Instr. 4) | 2. Date Exercisable and Expiration Date<br>(Month/Day/Year) | 3. Title and Amount of Securities Underlying Derivative Security<br>(Instr. 4) | 4. Conversion or Exercise Price of Derivative | 5. Ownership Form of Derivative Security: | 6. Nature of Indirect Beneficial Ownership<br>(Instr. 5) |
|---|---|--|---|---|--|

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| Date<br>Exercisable | Expiration<br>Date | Title | Amount or<br>Number of<br>Shares | Security | Direct (D)<br>or Indirect<br>(I)<br>(Instr. 5) |
|---------------------|--------------------|-------|----------------------------------|----------|--|
|---------------------|--------------------|-------|----------------------------------|----------|--|

## Reporting Owners

| Reporting Owner Name / Address  | Relationships |              |         |       |
|---|---------------|--------------|---------|-------|
|   | Director      | 10%<br>Owner | Officer | Other |
| MONTGOMERY HERBERT D<br>C/O KINDRED BIOSCIENCES, INC.<br>1555 BAYSHORE HIGHWAY, SUITE 200<br>BURLINGAME, CA 94010 | X             | ^            | ^       | ^     |

## Signatures

/s/ Herbert  
Montgomery

04/15/2016

\*\*Signature of  
Reporting Person                      Date

## Explanation of Responses:

### No securities are beneficially owned

- \* If the form is filed by more than one reporting person, *see* Instruction 5(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.  
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