**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
   
   Bevers Denise

   
   (Last)  
   (First)  
   (Middle)

   C/O KINDRED BIOSCIENCES, INC.

   1555 BAYSHORE HIGHWAY, SUITE 200

   BURLINGAME CA 94010

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

3. Date of Earliest Transaction (Month/Day/Year)
   
   02/19/2021

4. If Amendment, Date of Original Filed (Month/Day/Year)
   
   02/19/2021

5. Relationship of Reporting Person(s) to Issuer

   X Director

   10% Owner

   Other (specify below)

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

   X Form filed by One Reporting Person

   Form filed by More than One Reporting Person

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

<table>
<thead>
<tr>
<th>Title of Security (Instr. 3)</th>
<th>Transaction Date (Month/Day/Year)</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 4)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Common Stock</td>
<td>02/19/2021</td>
<td>M 5 A $0.32</td>
<td>I</td>
<td>By SD Scientific, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>02/19/2021</td>
<td>$0.32</td>
<td>I</td>
<td>By SD Scientific, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>02/22/2021</td>
<td>M 4,622 A $0.32</td>
<td>I</td>
<td>By SD Scientific, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td>02/22/2021</td>
<td>$0.32</td>
<td>I</td>
<td>By SD Scientific, Inc.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Common Stock</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

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### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>Title of Derivative Security (Instr. 3)</th>
<th>Conversion or Exercise Price of Derivative Security</th>
<th>3. Transaction Date (Month/Day/Year)</th>
<th>4. Transaction Code (Instr. 8)</th>
<th>5. Number of Derivative Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>6. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>7. Title and Amount of Securities Underlying Derivative Security Beneficially Owned (Instr. 3 and 4)</th>
<th>8. Price of Derivative Security Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)</th>
<th>10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>11. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Option (right to buy)</td>
<td>$0.32</td>
<td>02/19/2021</td>
<td>M 5 05/09/2013 05/09/2023</td>
<td>Common Stock 5 $0 13,081(1)</td>
<td>I</td>
<td>By SD Scientific, Inc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stock Option (right to buy)</td>
<td>$0.32</td>
<td>02/22/2021</td>
<td>M 4,622 05/09/2013 05/09/2023</td>
<td>Common Stock 4,622 $0 8,396</td>
<td>I</td>
<td>By SD Scientific, Inc.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Explanation of Responses:**

1. Held by SD Scientific, Inc. (“SD Scientific”). The Reporting Person is a co-director and co-stockholder of SD Scientific and, as such shares voting and dispositive power over such shares held by SD Scientific but disclaims beneficial ownership of the shares except to the extent of her pecuniary interest therein.

2. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on June 16, 2020.

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**Signature:**

/s/ Denise Bevers 02/23/2021  
Denise Bevers

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).
- 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.