STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

1. Name and Address of Reporting Person
   Leproust Emily M.
   (Last) FRANCISCO
   (First) CA
   (Middle) 94080
   C/O TWIST BIOSCIENCE CORPORATION
   681 GATEWAY BLVD.

2. Issuer Name and Ticker or Trading Symbol
   Twist Bioscience Corp [ TWST ]

3. Date of Earliest Transaction (Month/Day/Year)
   08/19/2022

4. If Amendment, Date of Original Filed (Month/Day/Year)
   11/18/2028

5. Relationship of Reporting Person(s) to Issuer
   X Director
   X Officer (give title below)
   President & CEO
   Other (specify below)

6. Individual or Joint/Group Filing (Check Applicable Line)
   X Form filed by One Reporting Person
   X Form filed by More than One Reporting Person

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

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</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>08/19/2022</td>
<td></td>
<td>F</td>
<td>2,812 (A)</td>
<td>184,747</td>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

<table>
<thead>
<tr>
<th>1. Title of Derivative Security (Instr. 3)</th>
<th>2. Conversion or Exercise Price of Derivative Security</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 8)</th>
<th>4. Number of Derivative Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>5. Date Exercisable and Expiration Date (Month/Day/Year)</th>
<th>6. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)</th>
<th>7. Price of DERIVATIVE SECURITY (Instr. 5)</th>
<th>8. Ownership Form: Direct (D) or Indirect (I) (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>Employee Stock Option (right to buy)</td>
<td>$5.95</td>
<td>(2)</td>
<td>09/28/2025</td>
<td>Common Stock 0</td>
<td>24,360</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employee Stock Option (right to buy)</td>
<td>$8.82</td>
<td>(3)</td>
<td>09/28/2025</td>
<td>Common Stock 0</td>
<td>150,079</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employee Stock Option (right to buy)</td>
<td>$26.66</td>
<td>(4)</td>
<td>11/18/2028</td>
<td>Common Stock 0</td>
<td>266,539</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Employee Stock Option (right to buy)</td>
<td>$23.33</td>
<td>(5)</td>
<td>10/23/2025</td>
<td>Common Stock 0</td>
<td>131,290</td>
<td>D</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explanation of Responses:
1. Represents shares withheld by the Issuer to satisfy the Reporting Person's tax withholding obligation in connection with the vesting of certain Restricted Stock Units ("RSUs") previously granted to the Reporting Person. Such withholding is exempt from Section 16(b) pursuant to Rule 16b-3(e).
2. The option is immediately exercisable. 25% of the shares subject to the option vested on September 1, 2016 and 1/48th of the shares subject to the option vest on each monthly anniversary thereafter, subject to the Reporting Person's continuous service through each vesting date.
3. The option is immediately exercisable. 10% of the shares subject to the option vested on September 28, 2017, 15% of the shares subject to the option vested on September 28, 2018, and 1/48th of the shares subject to the option vest on each monthly anniversary thereafter, subject to the Reporting Person's continuous service through each vesting date.
4. 20% of the shares subject to the option vested and became exercisable on October 31, 2019 and 1/60th of the shares subject to the option vest and become exercisable on each monthly anniversary thereafter, subject to the Reporting Person's continuous service through each vesting date.
5. 25% of the shares subject to the option vested on October 24, 2020, and 1/48th of the shares subject to the option vest on each monthly anniversary thereafter, subject to the Reporting Person's continuous service through each vesting date.

Remarks:

/s/ Alyssa Zhang, as Attorney-in-Fact for Emily M. Leproust 08/23/2022

** Signature of Reporting Person **

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.