FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| OMB APPROVAL             |     |  |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|--|
| OMB Number: 3235-028     |     |  |  |  |  |  |  |
| Estimated average burden |     |  |  |  |  |  |  |
| hours per response:      | 0.5 |  |  |  |  |  |  |

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

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* SELLERS LISA |  |            |   |                                 | 2. Issuer Name and Ticker or Trading Symbol  MARAVAI LIFESCIENCES HOLDINGS,  INC. [ MRVI ] |   |  |                                   |  |                   |  |   | tionship of Reporting Pers<br>all applicable)<br>Director<br>Officer (give title |   | erson(s | nn(s) to Issuer  10% Owner  Other (specify                               |  |
|---|--|------------|---|---------------------------------|--|---|--|-----------------------------------|--|-------------------|--|---|--|---|---------|--|--|
| C/O MARAVAI LIFESCIENCES HOLDINGS, INC.               |  |            |   |                                 | 3. Date of Earliest Transaction (Month/Day/Year) 11/19/2020                                |   |  |                                   |  |                   |  |   | below)  See Remar  |   | emark   | below)   |  |
| 10770 WATERIDGE CIRCLE, SUITE 200                     |  |            |   |                                 | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                   |   |  |                                   |  |                   | 6. Indiv   | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person |  |   |         |  |  |
| (Street) SAN DIEGO                                    | CA   | 9          | 2121  |                                 |  |   |  |                                   |  |                   |  |   | Form filed   | d by More t   | han Or  | ne Reportin  | g Person                                   |
| (City)  | (State   | ) (Z       | Zip)  |                                 |  |   |  |                                   |  |                   |  |   |  |   |         |  |  |
|   |  | Т          | able I - Non  | -Deriva                         | tive S   | ecuritie  | s Acq  | uired, Di                         | sposed   | of, or            | Benefi   | ially Ow  | ned  |   |         |  |  |
| Date  |  |            |   | 2. Transac<br>Date<br>(Month/Da |  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |  | Transaction Disposed Code (Instr. |  |                   | ities Acquired (A) or<br>d Of (D) (Instr. 3, 4 and   |   | 5. Amount<br>Securities<br>Beneficially<br>Following                             | y Owned or li<br>Reported (Ins  |         | Direct (D)<br>rect (I)<br>4)   | 7. Nature of Indirect Beneficial Ownership |
|   |  |            |   |                                 |  |   |  | Code                              | Amour  | Amount (A) or (D) |  | Price   | Transaction(s)<br>(Instr. 3 and 4)   |   |         |  | (Instr. 4)                                 |
|   | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |            |   |                                 |  |   |  |                                   |  |                   |  |   |  |   |         |  |  |
| 1. Title of<br>Derivative<br>Security (Instr.<br>3)   | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security  |            | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Code                            | Transaction Code (Instr.   |   | 5. Number of<br>Derivative<br>Securities<br>Acquired (A) or<br>Disposed of<br>(D) (Instr. 3, 4<br>and 5) |                                   | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                   | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr.<br>3 and 4) |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)                              | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactio | ly      | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4)      |
|   |  |            |   | Code                            | v  | (A)   | (D)  | Date<br>Exercisable               | Expiration<br>Date   | Title             |  | Amount<br>or<br>Number<br>of Shares   |  | (Instr. 4)  | Jii(9)  |  |  |
| Employee Stock<br>Options (Right<br>to Buy)           | \$27   | 11/19/2020 |   | A                               |  | 60,000  |  | (1)                               | 11/19/2030   | Co                | lass A<br>ommon<br>Stock   | 60,000  | \$0.00   | 60,000  |         | D  |  |

## Explanation of Responses:

1. Represents options awarded under the Maravai LifeSciences Holdings, Inc. 2020 Omnibus Incentive Plan in connection with the pricing of the Issuer's initial public offering. These options will vest 25% on November 19, 2021 and in equal monthly installments thereafter over the next three years, subject to the reporting person's continued employment with the Issuer.

## Remarks:

Chief Operating Officer, Protein Detection

/s/ Kurt Oreshack, by power of attorney for Lisa Sellers

\*\* Signature of Reporting Person Date

11/23/2020

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

- $^{\star}$  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.