

FORM 5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB Number:	3235-0362
Estimated average burden hours per response:	1.0

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

ANNUAL 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

Form 3 Holdings Reported.

Form 4 Transactions Reported.

1. Name and Address of Reporting Person * <u>BURCH ANDREW</u> (Last) (First) (Middle) C/O MARAVAI LIFESCIENCES HOLDINGS, INC. 10770 WATERIDGE CIRCLE, SUITE 200 (Street) SAN DIEGO CA 92121 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>MARAVAI LIFESCIENCES HOLDINGS, INC. [MRVI]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) X See Remarks
	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2023	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) X 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 at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Class A Common Stock	04/17/2023		A4	141,011	A	(1)	141,011	D	

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Options (Right to Buy)	\$14.14	04/17/2023		4A	80,000		(2)	04/17/2033	Class A Common Stock	80,000	\$0	80,000	D	

Explanation of Responses:

- Represents restricted stock units ("RSUs") awarded under the Maravai LifeSciences Holdings, Inc. 2020 Omnibus Incentive Plan. Each RSU represents the right to receive one share of Class A Common Stock of the Issuer upon vesting. The RSUs will vest in 1/3rd increments on each of April 15, 2024, April 15, 2025, and April 15, 2026, subject to the Reporting Person's continued employment with the Issuer.
- Represents options awarded under the Maravai LifeSciences Holdings, Inc. 2020 Omnibus Incentive Plan. These options will vest 25% on April 15, 2024 and in equal 1/48th installments each month thereafter, subject to the Reporting Person's continued employment with the Issuer.

Remarks:

President, Nucleic Acid Production

/s/ Kurt Oreshack, by power of attorney for Andrew Burch

01/18/2024

** Signature of Reporting Person

Date

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).

** 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.