SAN DIEGO

(City)

CA

(State)

92121

(Zip)

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPRO	VAL
OMB Number:	3235-0287
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

may contin	ue. See Instruc	tion 1(b).		F							ties Exchang ompany Act o									
1. Name and Address of Reporting Person * GTCR INVESTMENT XI LLC				MA	2. Issuer Name and Ticker or Trading Symbol MARAVAI LIFESCIENCES HOLDINGS, INC. [MRVI]								(Che	Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director X 10% Owner						
(Last) C/O GTCR	· · · · · · · · · · · · · · · · · · ·			3. Da	3. Date of Earliest Transaction (Month/Day/Year) 01/22/2023										Officer (give title below)			Othe belov	r (specify v)	
300 N. LASALLE SUITE 5600				4. If <i>i</i>	4. If Amendment, Date of Original Filed (Month/Day/Year)								6. In	6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person						
(Street) CHICAGO IL 60654													X	Form filed	l by Mo	re than C	ne Repo	rting Person		
(City)	(Sta	ate)	(Zip)																	
			Table I - N	on-Der	ivativ	e S	ecu	rities Ac	quirec	l, Di	sposed of	f, oı	r Benef	ficially C	Own	ned				
Date (Month			Date	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			Se Be Fo	5. Amount of Securities Beneficially Own Following Report		6. Owne Form: D or Indire (Instr. 4)	Direct (D) In ect (I) B) O	7. Nature of Indirect Beneficial Ownership		
								Code	v	Amount	mount (A		Price		Transaction(s) (Instr. 3 and 4)				(Instr. 4)	
			01/22/2023					D		4,575,170	0 ⁽¹⁾ D	D	\$0.00		119,094,0	026]		See footnotes ⁽²⁾	
			Table II								osed of, convertib				vne	d				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Da if any (Month/Day/Y	Cod	saction e (Instr.		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exer Expiration D (Month/Day/		ate	7. Title and Amou Securities Underly Derivative Securit 3 and 4)		nderlying	tr.	8. Price of Derivative Security (Instr. 5)	9. Num derivat Securi Benefi Owned Follow	tive ties cially I	10. Ownersh Form: Direct (Dor Indire (I) (Instr.	Beneficia Ownershi ct (Instr. 4)
				Cod	e V		(A)	(D)	Date Exerci	sable	Expiration Date	Title	e	Amount of Number of Shares	or Tra		Report Transa (Instr.	ction(s)		
Common Units	(4)	01/22/2023		Г				4,575,170 ⁽⁵) (4	·)	(4)	Co	Class A ommon Stock	4,575,17	70	\$0.00	119,0	94,026	I	See footnotes(
		eporting Person * ENT XI LLC	1																	
(Last) C/O GTCR 300 N. LAS	, LLC	(First)	(Middl	e)																
(Street)		IL	60654	1																
(City)		(State)	(Zip)																	
		eporting Person* SCIENCES I	HOLDING	SS, LL	<u> </u>															
	AVAI LIFE	(First) SCIENCES HC																		
(Street)						-														

1. Name and Addre	ss of Reporting Person*							
GTCTCTT	<u> </u>							
(Last)	(First)	(Middle)						
C/O GTCR, LL	C							
300 N. LASALI	LE SUITE 5600							
(Street)								
CHICAGO	IL	60654	60654					
(City)	(State)	(Zip)						
1. Name and Addre	ss of Reporting Person *							
	NVEST XI LP							
	(F: 1)	(1.4" 111)						
(Last)	(First)	(Middle)						
C/O GTCR, LL								
300 N. LASALI	LE SUITE 5600							
(Street)								
CHICAGO	IL	60654						
(City)	(State)	(Zip)						
1. Name and Addre	ss of Reporting Person *							
GTCR PART	TNERS XI/B LP							
(Last)	(First)	(Middle)						
C/O GTCR, LL	C	, ,						
300 N. LASALI								
(Street)								
(Street) CHICAGO	IL	60654						

Explanation of Responses:

- 1. Reflects shares of the Class B common stock, par value \$0.01 per share (the "Class B Common Stock"), of Maravai LifeSciences Holdings, Inc.'s (the "Issuer") forfeited by Maravai Life Sciences Holdings, LLC ("MLSH 1") for no consideration.
- 2. Reflects shares of the Class B Common Stock held directly by MLSH 1. MLSH 1 is managed by a board of managers controlled by GTCR Fund XI/B LP ("GTCR Fund XI/B") and GTCR Co-Invest XI LP ("GTCR Co-Invest XI"). GTCR Partners XI/B LP ("GTCR Partners XI/B") is the general partner of GTCR Co-Invest XI and GTCR Partners XI/B. GTCR Investment XI is managed by a board of managers (the "GTCR Board of Managers") (and GTCR Investment XI") is the general partner of GTCR Co-Invest XI and GTCR Partners XI/B. GTCR Investment XI is managed by a board of managers (the "GTCR Board of Managers") (consisting of Mark M. Anderson, Aaron D. Cohen, Sean L. Cunningham, Benjamin J. Daverman, David A. Donmini, Constantine S. Mihas and Collin E. Roche, and no single person has voting or dispositive authority over the Class B Common Stock held directly by MLSH 1.
- 3. (Continued From Footnote 2) Each of GTCR Partners XI/B, GTCR Investment XI and the GTCR Board of Managers may be deemed to share beneficial ownership of the Class B Common Stock held directly by MLSH 1, and each of the individual members of the GTCR Board of Managers disclaims beneficial ownership of the Class B Common Stock held directly by MLSH 1 except to the extent of the pecuniary interest therein.
- 4. Pursuant to the Exchange Agreement dated November 19, 2020, by and among the Issuer, Maravai Topco Holdings, LLC ("Topco LLC") and MLSH 1 (the "Exchange Agreement"), units of Topco LLC (the "Common Units") (together with one share of Class B Common Stock for every Common Unit) are exchangeable for one share of the Issuer's Class A common stock, par value \$0.01 per share (the "Class A Common Stock"), or for eash from a substantially concurrent public offering or private sale (based on the price of the Issuer's Class A common stock in such public offering or private sale). Common Units do not expire.
- 5. Reflects Common Units which were forfeited by MLSH 1 for no consideration.
- 6. Reflects Common Units owned directly by MLSH 1. Each Common Unit is exchangeable for one share of Class A Common Stock pursuant to the Exchange Agreement.

Remarks

Each of the reporting persons is a director-by-deputization solely for purposes of Section 16 of the Securities Exchange Act of 1934.

/s/ Kurt Oreshack, as General
Counsel and Secretary of Maravai
Life Sciences Holdings, LLC
/s/ Jeffrey Wright, by power of
attorney for GTCR Fund XI/B LP
/s/ Jeffrey Wright, by power of
attorney for GTCR Co-Invest XI
LP
/s/ Jeffrey Wright, by power of
attorney for GTCR Partners XI/B
LP
/s/ Jeffrey Wright, by power of
attorney for GTCR Partners XI/B
LP
/s/ Jeffrey Wright, by power of
attorney for GTCR Investment XI
LLC
/s/ Jeffrey Wright, by power of
attorney for GTCR Investment XI
LLC

** 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.