

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9): 8.78%

12.

TYPE OF REPORTING PERSON (see instructions): IA

**12 West Capital Management LP (12 West Management) serves as the investment manager to 12 West Capital Fund LP, a Delaware limited partnership (12 West Onshore Fund) and 12 West Capital Offshore Fund LP, a Cayman Islands exempted limited partnership (12 West Offshore Fund) and possesses the sole power to vote and the sole power to direct the disposition of all securities of Maravai Lifesciences Holdings Inc (the Company) held by 12 West Onshore Fund and 12 West Offshore Fund. Joel Ramin, as the sole member of 12 West Capital Management, LLC, the general partner of 12 West Management, possesses the voting and dispositive power with respect to all securities beneficially owned by 12 West Management.

As of December 31, 2023, The Company had 132,188,600 Class A ordinary shares, par value \$0.00003 per share (the Ordinary Shares) outstanding. As of December 31, 2023, 12 West Onshore Fund held 7,301,526 shares of the Company and 12 West Offshore Fund held 4,301,462 shares of the Company. As a result of the foregoing, for purposes of Reg. Section 240.13d-3, 12 West Management is deemed to beneficially own the 11,602,988 shares of the Company, representing 8.78% of the Companys Ordinary Shares deemed issued and outstanding as of December 31, 2023.

Item 1.

(a)

Name of Issuer

Maravai Lifesciences Holdings Inc

(b)

Address of Issuers Principal Executive Offices

10770 Wateridge Circle
Suite 200
San Diego, California, 92121

Item 2.

(a)

Name of Person Filing

12 West Capital Management LP

(b)

Address of Principal Business Office, or, If None, Residence:

475 Tenth Avenue, 14th Floor
New York, New York 10018

(c)

Citizenship:

12 West Capital Management LP is a Delaware limited partnership

(d)

Title of Class of Securities

Class A Common Stock, par value \$0.01 per share

(e)

CUSIP Number

56600D107

Item 3. If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

Not applicable

Item 4. Ownership.

(a) Amount beneficially owned:

11,602,988**

(b) Percent of class: 8.78%

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote: 11,602,988**

(ii) Shared power to vote or to direct the vote: 0**

(iii) Sole power to dispose or to direct the disposition of: 11,602,988**

(iv) Shared power to dispose or to direct the disposition of: 0**

**12 West Capital Management LP (12 West Management) serves as the investment manager to 12 West Capital Fund LP, a Delaware limited partnership (12 West Onshore Fund) and 12 West Capital Offshore Fund LP, a Cayman Islands exempted limited partnership (12 West Offshore Fund) and possesses the sole power to vote and the sole power to direct the disposition of all securities of Maravai Lifesciences Holdings Inc (the Company) held by 12 West Onshore Fund and 12 West Offshore Fund. Joel Ramin, as the sole member of 12 West Capital Management, LLC, the general partner of 12 West Management, possesses the voting and dispositive power with respect to all securities beneficially owned by 12 West Management.

As of December 31, 2023, The Company had 132,188,600 Class A ordinary shares, par value \$0.01 per share (the Ordinary Shares) outstanding. As of December 31, 2023, 12 West Onshore Fund held 7,301,526 shares of the Company and 12 West Offshore Fund held 4,301,462 shares of the Company. As a result of the foregoing, for purposes of Reg. Section 240.13d-3, 12 West Management is deemed to beneficially own the 11,602,988 shares of the Company, representing 8.78% of the Company's Ordinary Shares deemed issued and outstanding as of December 31, 2023.

Item 5. Ownership of Five Percent or Less of a Class.

Not Applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.

Not Applicable.

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: December 31, 2023

12 WEST CAPITAL MANAGEMENT LP

By: 12 West Capital Management, LLC, its General Partner

By: /s/ Joel Ramin _____
Joel Ramin, its Sole Member