

Morgan Stanley & Co. LLC  
1585 Broadway  
New York, New York 10036

Jefferies LLC  
520 Madison Avenue  
New York, New York 10022

Goldman Sachs & Co. LLC  
200 West Street  
New York, New York 10282

November 16, 2020

***VIA EDGAR***

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549  
Attention: Christine Torney  
Lynn Dicker  
Laura Crotty  
Suzanne Hayes

Re: **Maravai LifeSciences Holdings, Inc.**  
**Registration Statement on Form S-1, as amended (File No. 333-249733)**  
**Request for Acceleration of Effective Date**

Ladies and Gentlemen:

In accordance with Rule 461 under the Securities Act of 1933, as amended (the "**Act**"), we, as representatives of the several underwriters, hereby join in the request of Maravai LifeSciences Holdings, Inc. (the "**Company**") for acceleration of the effective date of the above-named Registration Statement so that it becomes effective at 4:00 PM, Eastern Time, on November 18, 2020, or as soon thereafter as practicable, or at such other time thereafter as the Company or its outside counsel, Kirkland & Ellis LLP, may request by telephone that such Registration Statement be declared effective.

Pursuant to Rule 460 under the Act, we, as representatives of the several underwriters, wish to advise you that we have carried out the following distribution of the Company's preliminary prospectus dated November 13, 2020:

- (i) Dates of distribution: November 13, 2020 through the date hereof
- (ii) Number of prospective underwriters to which the preliminary prospectus was furnished: 14
- (iii) Number of preliminary prospectuses furnished to investors: approximately 5,333

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- (iv) Number of preliminary prospectuses distributed to others, including the Company, the Company's counsel, independent accountants and underwriters' counsel: approximately 45

The undersigned, as representatives of the several underwriters, advise that they have complied and will continue to comply, and each underwriter has advised the undersigned that it has complied and will continue to comply, with the requirements of Rule 15c2-8 under the Securities Exchange Act of 1934, as amended.

*[Signature Page Follows]*

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Very truly yours,

MORGAN STANLEY & CO. LLC  
JEFFERIES LLC  
GOLDMAN SACHS & Co. LLC

As representatives of the several underwriters listed in  
Schedule 1 to the Underwriting Agreement

MORGAN STANLEY & CO. LLC

By: /s/ Kalli Dircks  
Name: Kalli Dircks  
Title: Executive Director

JEFFERIES LLC

By: /s/ Réal Leclerc  
Name: Réal Leclerc  
Title: Managing Director

GOLDMAN SACHS & Co. LLC

By: /s/ Elizabeth Wood  
Name: Elizabeth Wood  
Title: Managing Director

*[Signature Page to Underwriters' Acceleration Request]*