August 18, 2020

United States Securities and Exchange Commission
Division of Corporation Finance
Office of Life Sciences
100 F Street, N.E.
Washington, D.C. 20549
Attention: Abby Adams
　　　　　Celeste Murphy
　　　　　Vanessa Robertson
　　　　　Daniel Gordon

Re: Kymera Therapeutics, Inc.
　　　Registration Statement on Form S-1 (File No. 333-240264)
　　　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 Kymera Therapeutics, Inc. (the "Company") for acceleration of the effective date of the above-named Registration Statement so that it becomes effective at 4:01 PM, Eastern Time, on August 20, 2020, or as soon thereafter as practicable, or at such other time as the Company or its outside counsel, Goodwin Procter LLP, 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 approximately 1,130 copies of the Preliminary Prospectus included in the above-named Registration Statement, as amended, were distributed during the period from July 31, 2020 through the date hereof, to prospective underwriters, institutions, dealers and others.

We, the undersigned, as representatives of the several underwriters, have complied and will comply, and we have been informed by the participating underwriters that they have complied and will comply, with the requirements of Rule 15c2-8 under the Securities Exchange Act of 1934, as amended.

　　　　　　　　　　　　　　　　　　　Very truly yours,

　　　　　　　　　　　　　　　　　　　Acting severally on behalf of themselves and the several underwriters,

By: Morgan Stanley & Co. LLC

By: /s/ Chris Rigoli
    Name: Chris Rigoli
    Title: Vice President

By: BofA Securities, Inc.

By: /s/ Greg Butz
    Name: Greg Butz
    Title: Managing Director

By: Cowen and Company, LLC

By: /s/ Bill Follis
    Name: Bill Follis
    Title: Managing Director

[Signature Page to Underwriters' Acceleration Request]