

Revolution Medicines, Inc.
700 Saginaw Drive
Redwood City, California 94063

September 27, 2023

VIA EDGAR

United States Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, D.C. 20549-6010

Re: Revolution Medicines, Inc.
Registration Statement on Form S-4
File No. 333-274499
Request for Acceleration of Effectiveness

To the addressee set forth above:

In accordance with Rule 461 promulgated under the Securities Act of 1933, as amended, Revolution Medicines, Inc. (the “**Registrant**”) hereby requests acceleration of the effective date of the Registration Statement on Form S-4 (File No. 333-274499), as amended (the “**Registration Statement**”), so that it may become effective at 4:00 p.m. Eastern Time on September 29, 2023, or as soon as possible thereafter. The Registrant hereby authorizes Mark V. Roeder, Joshua M. Dubofsky, Ian Nussbaum or John C. Williams, of Latham & Watkins LLP, to orally modify or withdraw this request for acceleration.

We request that we be notified of such effectiveness by a telephone call to Mr. Williams at (415) 395-8223 or, in his absence, Mr. Roeder, of Latham & Watkins LLP, at (650) 463-3043. Thank you for your assistance.

Very truly yours,

Revolution Medicines, Inc.

/s/ Jeff Cislini

Jeff Cislini

General Counsel

cc: Mark A. Goldsmith, *Revolution Medicines, Inc.*
John C. Williams, *Latham & Watkins LLP*
Mark V. Roeder, *Latham & Watkins LLP*