

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

May 7, 2025

Bruce Jacobs Chief Financial Officer Kymera Therapeutics, Inc. 500 North Beacon Street, 4th Floor Watertown, MA 02472

> Re: Kymera Therapeutics, Inc. Form 10-K for Fiscal Year Ended December 31, 2024 File No. 001-39460

Dear Bruce Jacobs:

We have completed our review of your filings. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance Office of Life Sciences