August 23, 2021

Via EDGAR

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

Attention: Margaret Schwartz
Celeste Murphy
Tracie Mariner
Kate Tillan

Re: Withdrawal of Registration Statement on Form S-1 (File No. 333-248672)

Ladies and Gentlemen:

Pursuant to Rule 477 promulgated under the Securities Act of 1933, as amended (the "Securities Act"), GRAIL, Inc. (the "Company") hereby requests that the Securities and Exchange Commission (the "Commission") consent to the withdrawal, effective as of the date hereof or at the earliest practical date hereafter, of its Registration Statement on Form S-1 (File No. 333-248672), initially filed with the on September 9, 2020 (as amended, the "Registration Statement") and all exhibits and amendments thereto.

The Company is seeking withdrawal of the Registration Statement because it is no longer pursuing an initial public offering in light of the completion of its acquisition by Illumina, Inc. The Registration Statement has not been declared effective, and none of the Company's securities have been sold pursuant to the Registration Statement.

The Company further requests that, in accordance with Rule 457(p) under the Securities Act, all fees paid to the Commission in connection with the filing of the Registration Statement be credited for future use.

Please send copies of the written order granting withdrawal of the Registration Statement to the undersigned at GRAIL, Inc., 1525 O'Brien Drive, Menlo Park, California 94025, with a copy to Brian J. Cuneo, Latham & Watkins LLP, 140 Scott Dr., Menlo Park, California 94025, email: brian.cuneo@lw.com.

The Company also requests that its confidential treatment application be withdrawn as of the date hereof or at the earliest practicable date hereafter and requests the return of all materials submitted to the Commission with respect to such application. Please return these materials to Brian J. Cuneo, Latham & Watkins LLP, 140 Scott Dr., Menlo Park, California 94025.

|| |US-DOCS\125426289.2|| Should you have any questions regarding these matters, please contact the undersigned at (650) 863-1024 or Brian J. Cuneo of Latham & Watkins LLP at (650) 463-3014.

Sincerely yours,

GRAIL. Inc.

By: /s/ Marissa Lee Song

Marissa Lee Song General Counsel and Corporate Secretary

c: Hans E. Bishop, GRAIL, Inc.
Matthew P. Young , GRAIL, Inc.
W. Alex Voxman, Latham & Watkins LLP
Cheston J. Larson, Latham & Watkins LLP
Brian Cuneo, Latham & Watkins LLP
Kevin P. Kennedy, Simpson Thacher & Bartlett LLP

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