

Editas Medicine, Inc.
11 Hurley Street
Cambridge, MA 02141

March 13, 2017

VIA EDGAR

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

Re: Editas Medicine, Inc.
Registration Statement on Form S-3
File No. 333-216444
Request for Acceleration

Ladies and Gentlemen:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, Editas Medicine, Inc. (the "Registrant") hereby requests acceleration of the effective date of its Registration Statement on Form S-3 (File No. 333-216444), as amended (the "Registration Statement"), so that it may become effective at 4:00 p.m. eastern time on March 15, 2017, or as soon thereafter as practicable.

Very truly yours,

Editas Medicine, Inc.

By: /s/ Katrine S. Bosley
Katrine S. Bosley
Chief Executive Officer
