

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

March 30, 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. 333-216528  
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. 333-216528), as amended (the "Registration Statement"), so that it may become effective at 4:00 p.m. eastern time on April 3, 2017, or as soon thereafter as practicable.

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Very truly yours,

Editas Medicine, Inc.

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