



DIVISION OF
CORPORATION FINANCE

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

November 17, 2010

Mr. John F. Crowley
President and Chief Executive Officer
Amicus Therapeutics, Inc.
6 Cedar Brook Drive
Cranbury, New Jersey 08512

Re: Amicus Therapeutics, Inc.
Form 10-K for the fiscal year ended December 31, 2009
Filed March 10, 2010
DEF 14A filed April 28, 2010
File No. 001-33497

Dear Mr. Crowley:

We have completed our review of your Form 10-K and related filings and have no further comments at this time.

Sincerely,

Jeffrey Riedler
Assistant Director

cc: Geoffrey P. Gilmore, Esq.
Senior Vice President and General Counsel
Amicus Therapeutics, Inc.
6 Cedar Brook Drive
Cranbury, New Jersey 08512