

Mail Stop 6010
Via Facsimile and U.S. Mail

January 18, 2008

Mr. Jean-Pierre Sommadossi
Chairman and Chief Executive Officer
Idenix Pharmaceuticals, Inc.
60 Hampshire Street
Cambridge, Massachusetts 02139

Re: Idenix Pharmaceuticals, Inc.
Form 10-K for fiscal year ended December 31, 2006
File No. 000-49839

Dear Mr. Sommadossi:

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

Sincerely,

Carlton E. Tartar
Branch Chief