



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

DIVISION OF  
CORPORATION FINANCE

October 30, 2020

Ms. Shelly Guyer  
Chief Financial Officer  
Invitae Corporation  
1400 16<sup>th</sup> Street  
San Francisco, CA 94103

**Re:    Invitae Corporation  
      Form 10-K  
      Exhibit No. 2.3  
      Filed March 2, 2020**

**Form 10-Q  
Exhibit No. 2.1  
Filed May 11, 2020**

**Form 10-Q  
Exhibit 2.1 and 2.2  
Filed August 4, 2020  
File No. 001-36847**

Dear Ms. Guyer:

We have concluded our assessment of your redacted exhibit[s] for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance