



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

DIVISION OF  
CORPORATION FINANCE

October 7, 2021

Sean Mackay  
Chief Executive Officer  
IsoPlexis Corporation  
35 NE Industrial Rd.  
Branford, CT 06405

**Re: IsoPlexis Corporation**  
**Amendment No. 3 to Registration Statement on Form S-1**  
**Exhibit Nos. 10.3, 10.4, 10.5, 10.6, 10.7 and 10.10**  
**Filed October 1, 2021**  
**File No. 333- 258046**

Dear Mr. Mackay:

We have concluded our assessment of your redacted exhibits 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