

May 31, 2024

Via EDGAR

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549-3720

Attention: Jane Park

Re: Acceleration Request for Biodesix, Inc.  
Registration Statement on Form S-1 (File No. 333-278881)

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Biodesix, Inc. (the “**Company**”), hereby requests that the effective date of the Company’s Registration Statement on Form S-1, Registration Number 333-278881, (the “**Registration Statement**”) be accelerated so that the Company’s Registration Statement will become effective at 4:00 P.M., Eastern Time or as soon thereafter as practicable, on June 4, 2024, or at such later time as the Company or its counsel may orally request via telephone call to the staff of the Division of Corporation Finance of the U.S. Securities and Exchange Commission.

*[Signature Page Immediately Follows]*

We would appreciate it if, as soon as the Registration Statement is declared effective, you would so inform Samir A. Gandhi of Sidley Austin LLP at (212) 839-5684.

Very truly yours,

/s/ Scott Hutton

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Scott Hutton

Chief Executive Officer

cc: Robin Harper Cowie, Biodesix, Inc.  
Frank F. Rahmani, Sidley Austin LLP