
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 21)*

PRECIGEN, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

46122T102

(CUSIP Number)

**Third Security, LLC
1881 Grove Avenue, Attention: April D. Jones
Radford, VA, 24141
5406337900**

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Richmond, VA, 23219
8046971239**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

11/19/2025

(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to

SCHEDULE 13D

CUSIP No. 46122T102

1 Name of reporting person
RANDAL J. KIRK
Check the appropriate box if a member of a Group (See Instructions)

2 (a)
 (b)

3 SEC use only
Source of funds (See Instructions)

4 PF
Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

5
Citizenship or place of organization

6 UNITED STATES
Sole Voting Power
7
Number of 141,519,399.00
Shares Shared Voting Power
Beneficially 8
Owned by 0.00
Each Sole Dispositive Power
Reporting 9
Person 141,519,399.00
With: Shared Dispositive Power
10
0.00
Aggregate amount beneficially owned by each reporting person

11 141,519,399.00
Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

12
Percent of class represented by amount in Row (11)

13 38.1 %
Type of Reporting Person (See Instructions)

14 IN

Comment for The indicated amount of Common Stock beneficially owned by Mr. Kirk assumes the full conversion of (i) 906,512
Type of Options to Purchase Common Stock, which are fully vested and exercisable at the discretion of Mr. Kirk, and (ii)
Reporting 16,666,667 Warrants to Purchase Common Stock, which are fully vested and exercisable at the discretion of Mr.
Person: Kirk.

Name of reporting person

1

R.J. KIRK DECLARATION OF TRUST

Check the appropriate box if a member of a Group (See Instructions)

2

(a)

(b)

3

SEC use only

Source of funds (See Instructions)

4

PF

Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

5

Citizenship or place of organization

6

UNITED STATES

Sole Voting Power

7

98,831,434.00

Number of Shares

Shared Voting Power

Beneficially 8

0.00

Owned by Each

Sole Dispositive Power

Reporting 9

98,831,434.00

Person With:

Shared Dispositive Power

10

0.00

Aggregate amount beneficially owned by each reporting person

11

98,831,434.00

Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

12

Percent of class represented by amount in Row (11)

13

26.6 %

Type of Reporting Person (See Instructions)

14

OO

Comment for Type OO - trust; The indicated amount of Common Stock beneficially owned by RJ DOT assumes the full
of Reporting conversion of 16,666,667 Warrants to Purchase Common Stock, which are fully vested and exercisable at the
Person: discretion of Mr. Kirk.

SCHEDULE 13D

Name of reporting person

1

THIRD SECURITY, LLC

Check the appropriate box if a member of a Group (See Instructions)

2

(a)

(b)

3 SEC use only
Source of funds (See Instructions)

4 WC
Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

5
Citizenship or place of organization

6 VIRGINIA

7 Sole Voting Power

Number of Shares Beneficially Owned by Each Reporting Person With: 8 24,487,991.00
Shared Voting Power 0.00
Sole Dispositive Power 9 24,487,991.00
Shared Dispositive Power 10 0.00

11 Aggregate amount beneficially owned by each reporting person 24,487,991.00

12 Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

13
Percent of class represented by amount in Row (11) 6.6 %

14 Type of Reporting Person (See Instructions) OO

Comment for Type of Reporting Person: OO - limited liability company

SCCHEDULE 13D

Item 1. Security and Issuer

Title of Class of Securities:

(a)

Common Stock

Name of Issuer:

(b)

PRECIGEN, INC.

Address of Issuer's Principal Executive Offices:

(c)

20374 Seneca Meadows Parkway, Germantown, MARYLAND , 20876.

Item 1 Comment: This Amendment No. 21 (the "Amendment") amends and supplements the Statement on Schedule 13D, dated March 27, 2014 and filed on April 7, 2014, as amended by Amendment No. 1 dated December 31, 2014 and filed on January 5, 2015, by Amendment No. 2 dated May 31, 2016 and filed June 2, 2016, by Amendment No. 3 dated July 24, 2017 and filed July 26, 2017, by Amendment No. 4 dated October 16, 2017 and filed October 23, 2017, by Amendment No. 5 dated December 29, 2017 and filed on January 2, 2018, by Amendment No. 6 dated January 19, 2018 and filed January 22, 2018, by Amendment No. 7 dated July 3, 2018 and filed July 6, 2018, by Amendment No. 8 dated May 13, 2019 and filed May 15, 2019, by Amendment No. 9 dated May 24, 2019 and filed on May 24, 2019, by Amendment No. 10 dated June 6, 2019 and filed on June 10, 2019, by Amendment No. 11 dated January 1, 2020 and filed on January 6, 2020, by Amendment No. 12 dated January 31, 2020 and filed on February 4, 2020, by Amendment No. 13 dated August 11, 2020 and filed on August 13, 2020, by Amendment No. 14 dated December 17, 2020 and filed on December 21, 2020, by Amendment No. 15 dated October 6, 2022 and filed on October 7, 2022, by Amendment No. 16 dated January 27, 2023 and filed on January 31, 2023, by Amendment No. 17 dated May 2, 2024 and filed on May 3, 2024, by Amendment No. 18 dated August 9, 2024 and filed on August 13, 2024, by Amendment

No. 19 dated and filed on December 30, 2024, and by Amendment No. 20 dated September 17, 2025 and filed on September 19, 2025 (the "Original Schedule 13D"), relating to the Common Stock, no par value per share (the "Common Stock"), of Precigen, Inc., formerly known as Intrexon Corporation, a Virginia corporation (the "Company"). Mr. Randal J. Kirk ("Mr. Kirk"), the R.J. Kirk Declaration of Trust, a revocable trust established by Mr. Kirk ("RJ DOT"), and Third Security, LLC, a Virginia limited liability company that is controlled by Mr. Kirk ("Third Security" and, together with Mr. Kirk, the RJ DOT, and Third Security, the "Reporting Persons") are filing this Amendment to disclose the sale of an aggregate of 2,966,293 shares of Common Stock by Kapital Joe, LLC, a Virginia limited liability company under the common control of Mr. Kirk ("Kapital Joe"), in open market transactions between November 19, 2025 and November 21, 2025, inclusive.

Item 2. Identity and Background

- (a) See Original Schedule 13D
- (b) See Original Schedule 13D
- (c) See Original Schedule 13D
- (d) See Original Schedule 13D
- (e) See Original Schedule 13D
- (f) See Original Schedule 13D

Item 4. Purpose of Transaction

Item 4 of the Original Schedule 13D is hereby amended and supplemented as follows: The information set forth in Items 3 and 6 is incorporated herein by reference. Kapital Joe sold a total of 2,966,293 shares of Common Stock in open market transactions between November 19, 2025 and November 21, 2025, inclusive, for aggregate net proceeds of approximately \$12,290,420.

Item 5. Interest in Securities of the Issuer

The responses to Items 11 and 13 of the cover pages, as well as the applicable comments thereto, to this Amendment No. 21 are incorporated herein. The percentage ownership is calculated based on 353,824,449 shares of Common Stock issued and outstanding as of October 31, 2025, as disclosed in the Company's Quarterly Report on Form 10Q for the period ended September 30, 2025 and filed on November 13, 2025 increased by (i) 16,666,667 shares of Common Stock issuable to Mr. Kirk upon exercise of Warrants to Purchase Common Stock, which are exercisable within sixty (60) days; and (ii) 906,512 shares of Common Stock issuable to Mr. Kirk upon exercise of Options to Purchase Common Stock, which are exercisable within sixty (60) days.

- (a) for the period ended September 30, 2025 and filed on November 13, 2025 increased by (i) 16,666,667 shares of Common Stock issuable to Mr. Kirk upon exercise of Warrants to Purchase Common Stock, which are exercisable within sixty (60) days; and (ii) 906,512 shares of Common Stock issuable to Mr. Kirk upon exercise of Options to Purchase Common Stock, which are exercisable within sixty (60) days.
- (b) The responses to Items 7, 8, 9 and 10 of the cover pages to this Amendment No. 21 are incorporated herein. On September 30, 2025, Sunset 2020, LLC, a Delaware LLC controlled by Mr. Kirk, sold 1,809,667 shares of Common Stock in open market transactions. The shares were sold at a weighted average price of \$3.41, for cumulative gross proceeds of approximately \$6,168,742. Except as disclosed in the Original 13D and this Amendment No. 21, the Reporting Persons have not engaged in any other transactions within the previous sixty (60) days.
- (c) Not applicable
- (d) Not applicable
- (e) Not applicable

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer

Item 6 of the Original Schedule 13D is hereby amended and supplemented to include the responses in Item 4 above.

Item 7. Material to be Filed as Exhibits.

Exhibit 1 Joint Filing Agreement, dated as of November 21, 2025, by and among Randal J. Kirk, R.J. Kirk Declaration of Trust, and Third Security, LLC.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

RANDAL J. KIRK

Signature: /s/ Randal J. Kirk
Name/Title: Randal J. Kirk
Date: 11/21/2025

R.J. KIRK DECLARATION OF TRUST

Signature: /s/ Randal J. Kirk
Name/Title: Randal J. Kirk Trustee
Date: 11/21/2025

THIRD SECURITY, LLC

Signature: /s/ Randal J. Kirk
Name/Title: Randal J. Kirk Managing Member

Date:

11/21/2025

Joint Filing Agreement

In accordance with Rule 13d-1(k) promulgated under the Securities Exchange Act of 1934, as amended, the persons named below agree to the joint filing on behalf of each of them a Statement on Schedule 13D (including amendments thereto) with regard to the common stock of Precigen, Inc., and further agree that this Joint Filing Agreement be included as an exhibit to such joint filings. In evidence thereof, the undersigned, being duly authorized, hereby execute this agreement as of the 21st day of November, 2025.

Date: November 21, 2025

/s/ Randal J. Kirk

Randal J. Kirk

R.J. KIRK DECLARATION OF TRUST

By: /s/ Randal J. Kirk

Randal J. Kirk

Trustee

THIRD SECURITY, LLC

By: /s/ Randal J. Kirk

Randal J. Kirk

Managing Member