

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, DC 20549

SCHEDULE 13D
(Amendment No. 15)*
Under the Securities Exchange Act of 1934

PRECIGEN, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

46122T102

(CUSIP Number)

Third Security, LLC
1881 Grove Avenue
Radford, Virginia 24141
Attention: Marcus E. Smith, Esq.
(540) 633-7900

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

Copy to:
John Owen Gwathmey, Esq.
David I. Meyers, Esq.
Troutman Pepper Hamilton Sanders LLP
Troutman Sanders Building
1001 Haxall Point
Richmond, Virginia 23219
(804) 697-1239

October 6, 2022

(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 which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(b)(3) or (4), check the following box .

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

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 all other provisions of the Act (however, see the Notes).

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS RANDAL J. KIRK	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) PF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 84,805,277
	8	SHARED VOTING POWER 0
	9	SOLE DISPOSITIVE POWER 84,805,277
	10	SHARED DISPOSITIVE POWER 0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 84,805,277	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 40.7%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS R.J. KIRK DECLARATION OF TRUST 31-6661283	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) PF	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 19,697,150
	8	SHARED VOTING POWER 0
	9	SOLE DISPOSITIVE POWER 19,697,150
	10	SHARED DISPOSITIVE POWER 0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 19,697,150	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 9.5%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO – trust	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS SUNSET 2020 LLC I.R.S. IDENTIFICATION NO.: 84-4795218	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 16,406,828
	8	SHARED VOTING POWER 0
	9	SOLE DISPOSITIVE POWER 16,406,828
	10	SHARED DISPOSITIVE POWER 0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 16,406,828	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.9%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO – limited liability company	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS THIRD SECURITY, LLC I.R.S. IDENTIFICATION NO.: 54-1923091	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Virginia	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 46,816,436
	8	SHARED VOTING POWER 0
	9	SOLE DISPOSITIVE POWER 46,816,436
	10	SHARED DISPOSITIVE POWER 0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 46,816,436	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 22.5%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO – limited liability company	

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS KAPITAL JOE, LLC I.R.S. IDENTIFICATION NO.: 45-2595931	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) WC	
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEM 2(D) OR 2(E) <input type="checkbox"/>	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Virginia	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 13,520,789
	8	SHARED VOTING POWER 0
	9	SOLE DISPOSITIVE POWER 13,520,789
	10	SHARED DISPOSITIVE POWER 0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 13,520,789	
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 6.5%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO – limited liability company	

This Amendment No. 15 (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, and by Amendment No. 14 dated December 17, 2020 and filed on December 21, 2020 (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”), Third Security, LLC, a Virginia limited liability company that is controlled by Mr. Kirk (“Third Security”), Kapital Joe, LLC, a Virginia limited liability company that is managed by Third Security (“Kapital Joe”), and Sunset 2020 LLC, a Delaware limited liability company that is controlled by Mr. Kirk (“Sunset 2020” and, together with Mr. Kirk, the RJ DOT, Third Security, and Kapital Joe, the “Reporting Persons”) are filing this Amendment to disclose the receipt by entities under the common control of Mr. Kirk of (i) 1,028,089 shares of Common Stock as a result of a distribution from Harvest Intrexon Enterprise Fund I, LP and (ii) 26,374 shares of Common Stock as a result of a distribution from Harvest Intrexon Enterprise Fund I (AI), LP.

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.

The Reporting Persons are filing this Amendment to disclose the receipt by entities under the common control of Mr. Kirk of (i) 1,028,089 shares of Common Stock from the Harvest Intrexon Enterprise Fund I, LP and (ii) 26,374 shares of Common Stock from the Harvest Intrexon Enterprise Fund I (AI), LP in connection with a distribution from each fund in accordance with the terms of each fund’s respective Agreement of Limited Partnership.

Other than as disclosed herein, as of the date of this Amendment, none of the Reporting Persons have present plans or proposals which would result in:

- (a) The acquisition by any person of additional securities of the Company, or the disposition of securities of the Company;
 - (b) An extraordinary corporate transaction such as a merger, reorganization or disposition, involving the Company or any of its subsidiaries;
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- (c) A sale or transfer of a material amount of assets of the Company or any of its subsidiaries;
- (d) Any change in the present board of directors or management of the Company, including any plans or proposals to change the number or term of directors or to fill any existing vacancies on the board;
- (e) Any material change in the present capitalization or dividend policy of the Company;
- (f) Any other material change in the Company's business or corporate structure, including but not limited to, if the Company is a registered closed-end investment company, any plans or proposals to make any changes in its investment policy for which a vote is required by Section 13 of the Investment Company Act of 1940;
- (g) Changes in the Company's charter, bylaws or instruments corresponding thereto or other actions which may impede the acquisition of control of the Company by any person;
- (h) Causing a class of securities of the Company to be delisted from a national securities exchange or to cease to be authorized to be quoted in an inter-dealer quotation system of a registered national securities association;
- (i) A class of equity securities of the Company becoming eligible for termination of registration pursuant to Section 12(g)(4) of the Securities Exchange Act of 1934; or
- (j) Any action similar to any of those actions enumerated above.

Item 5. Interest in Securities of the Issuer.

Items 5(a) and (b) of the Original Schedule 13D are hereby amended and restated to read in their entirety as follows:

(a) and (b) See items 11 and 13 of the cover pages to this Statement for the aggregate number of shares and percentage of issued and outstanding shares of Common Stock of the Company owned by the Reporting Persons. The percentage ownership is calculated based on 208,150,021 shares of Common Stock issued and outstanding as of July 31, 2022, as disclosed in the Company's Quarterly Report on Form 10-Q for the period ended June 30, 2022 and filed on August 8, 2022, increased by 285,248 shares of Common Stock issuable pursuant to Nonqualified Stock Option Agreements entered into by and between the Company and Mr. Kirk pursuant to which Mr. Kirk has the right and option to immediately purchase such shares of Common Stock from the Company.

Reporting Person	Amount of Common Stock Beneficially Owned	Percent of Class	Sole Power to Vote or Direct the Vote	Shared Power to Vote or Direct the Vote	Sole Power to Dispose or to Direct the Disposition	Shared Power to Dispose or to Direct the Disposition
Randal J. Kirk	84,805,277	40.7%	84,805,277	--	84,805,277	--
R.J. Kirk Declaration of Trust	19,697,150	9.5%	19,697,150	--	19,697,150	--
Third Security, LLC	46,816,436	22.5%	46,816,436	--	46,816,436	--
Sunset 2020 LLC	16,406,828	7.9%	16,406,828	--	16,406,828	--
Kapital Joe, LLC	13,520,789	6.5%	13,520,789	--	13,520,789	--

Mr. Kirk could be deemed to have indirect beneficial ownership of the shares of Common Stock directly beneficially owned by the RJ DOT, Third Security, Sunset 2020, and Kapital Joe. Mr. Kirk controls Third Security, which is the manager of Kapital Joe, and also controls Sunset 2020.

(c) Except as disclosed herein, none of the Reporting Persons have engaged in any transactions in the Company's Common Stock in the past 60 days.

(d) – (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 October 7, 2022 by and among Randal J. Kirk, the R.J. Kirk Declaration of Trust, Third Security, LLC, Sunset 2020 LLC, and Kapital Joe, LLC.

SIGNATURES

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

Date: October 7, 2022

/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
Manager

SUNSET 2020 LLC

By: /s/ Randal J. Kirk

Randal J. Kirk
Manager

KAPITAL JOE, LLC

By: /s/ Randal J. Kirk

Randal J. Kirk
Manager

EXHIBIT INDEX

[Exhibit 1](#) Joint Filing Agreement, dated as of October 7, 2022, by and among Randal J. Kirk, the R.J. Kirk Declaration of Trust, Third Security, LLC, Sunset 2020 LLC, and Kapital Joe, LLC.

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 7th day of October, 2022.

Date: October 7, 2022

/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
Manager

SUNSET 2020 LLC

By: /s/ Randal J. Kirk

Randal J. Kirk
Manager

KAPITAL JOE, LLC

By: /s/ Randal J. Kirk

Randal J. Kirk
Manager
