

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. 1)*

Nanobiotix S.A.

(Name of Issuer)

Ordinary shares, nominal value Euro 0.03 per share

(Title of Class of Securities)

(CUSIP Number)

06/30/2026

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☐ Rule 13d-1(b)
- ☒ Rule 13d-1(c)
- ☐ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No.

- Names of Reporting Persons
- 1
- Invus Public Equities, L.P.
- Check the appropriate box if a member of a Group (see instructions)
- 2
- ☐ (a)
- ☐ (b)
- 3
- Sec Use Only
- Citizenship or Place of Organization
- 4
- BERMUDA

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power
	4,828,374.00	
		Shared Voting Power
	6	
	0.00	
		Sole Dispositive Power
	7	
	4,828,374.00	
		Shared Dispositive Power
	8	
	0.00	
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
	4,828,374.00	
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)	
	☐	
11	Percent of class represented by amount in row (9)	
	9.4 %	
12	Type of Reporting Person (See Instructions)	
	PN	

Comment for Type of Reporting Person: There is no CUSIP number assigned to the Ordinary shares, nominal value Euro 0.03 per share (the "Shares") of Nanobiotix S.A. (the "Issuer"). The CUSIP Number 63009J107 has been assigned to the American Depositary Shares ("ADSs") of the Issuer, which are quoted on the Nasdaq Global Market under the symbol "NBTX"; each ADS represents 1 Share.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons	
	Invus Public Equities Advisors, LLC	
	Check the appropriate box if a member of a Group (see instructions)	
2	☐ (a)	
	☐ (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization	
	DELAWARE	
	Sole Voting Power	
	5	
	4,828,374.00	
Number of Shares Beneficially Owned by Each Reporting Person With:	6	Shared Voting Power
	0.00	
		Sole Dispositive Power
	7	
	4,828,374.00	
		Shared Dispositive Power
	8	
	0.00	
9	Aggregate Amount Beneficially Owned by Each Reporting Person	

	4,828,374.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	☐
11	Percent of class represented by amount in row (9)
	9.4 %
12	Type of Reporting Person (See Instructions)
	OO

Comment for Type of Reporting Person: There is no CUSIP number assigned to the Ordinary shares, nominal value Euro 0.03 per share (the "Shares") of Nanobiotix S.A. (the "Issuer"). The CUSIP Number 63009J107 has been assigned to the American Depositary Shares ("ADSs") of the Issuer, which are quoted on the Nasdaq Global Market under the symbol "NBTX"; each ADS represents 1 Share.

SCHEDULE 13G

CUSIP No.

	Names of Reporting Persons
1	Invus Global Management, LLC
	Check the appropriate box if a member of a Group (see instructions)
2	☐ (a)
	☐ (b)
3	Sec Use Only
4	Citizenship or Place of Organization
	DELAWARE
	Sole Voting Power
5	4,828,374.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	0.00
	Sole Dispositive Power
7	4,828,374.00
	Shared Dispositive
8	Power
	0.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person
	4,828,374.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
	☐
11	Percent of class represented by amount in row (9)
	9.4 %
12	Type of Reporting Person (See Instructions)
	OO

Comment for Type of Reporting Person: There is no CUSIP number assigned to the Ordinary shares, nominal value Euro 0.03 per share (the "Shares") of Nanobiotix S.A. (the "Issuer"). The CUSIP Number 63009J107 has been assigned to the American

Depository Shares ("ADSs") of the Issuer, which are quoted on the Nasdaq Global Market under the symbol "NBTX"; each ADS represents 1 Share.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons
	Siren, L.L.C.
	Check the appropriate box if a member of a Group (see instructions)
2	☐ (a)
	☐ (b)
3	Sec Use Only
	Citizenship or Place of Organization
4	DELAWARE
	Sole Voting Power
5	4,828,374.00
Number of Shares Beneficially Owned by Each Reporting Person With:	Shared Voting Power
6	0.00
	Sole Dispositive Power
7	4,828,374.00
	Shared Dispositive Power
8	0.00
	Aggregate Amount Beneficially Owned by Each Reporting Person
9	4,828,374.00
	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)
10	☐
	Percent of class represented by amount in row (9)
11	9.4 %
	Type of Reporting Person (See Instructions)
12	OO

Comment for Type of Reporting Person: There is no CUSIP number assigned to the Ordinary shares, nominal value Euro 0.03 per share (the "Shares") of Nanobiotix S.A. (the "Issuer"). The CUSIP Number 63009J107 has been assigned to the American Depository Shares ("ADSs") of the Issuer, which are quoted on the Nasdaq Global Market under the symbol "NBTX"; each ADS represents 1 Share.

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons
	Raymond Debbane
2	Check the appropriate box if a member of a Group (see instructions)

- ☐ (a)
☐ (b)

3 Sec Use Only
 4 Citizenship or Place of Organization

PANAMA

Sole Voting Power

5

4,828,374.00

Number of Shares Beneficially Owned by Each Reporting Person With: Shared Voting Power

6

0.00

Sole Dispositive Power

7

4,828,374.00

Shared Dispositive

8

Power

0.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9

4,828,374.00

Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10



Percent of class represented by amount in row (9)

11

9.4 %

Type of Reporting Person (See Instructions)

12

IN

Comment for Type of Reporting Person: There is no CUSIP number assigned to the Ordinary shares, nominal value Euro 0.03 per share (the "Shares") of Nanobiotix S.A. (the "Issuer"). The CUSIP Number 63009J107 has been assigned to the American Depositary Shares ("ADSs") of the Issuer, which are quoted on the Nasdaq Global Market under the symbol "NBTX"; each ADS represents 1 Share.

SCHEDULE 13G

Item 1.

Name of issuer:

(a)

Nanobiotix S.A.

Address of issuer's principal executive offices:

(b)

60 rue de Wattignies, 75012 Paris, France

Item 2.

Name of person filing:

(a)

See Item 2(c) below.

Address or principal business office or, if none, residence:

(b)

See Item 2(c) below.

(c)

Citizenship:

(i) Invus Public Equities, L.P. ("Invus Public Equities") 750 Lexington Avenue, 30th Floor, New York, NY 10022
 Citizenship: Bermuda limited partnership (ii) Invus Public Equities Advisors, LLC ("Invus PE Advisors") 750
 Lexington Avenue, 30th Floor, New York, NY 10022 Citizenship: Delaware limited liability company (iii) Invus
 Global Management, LLC ("Global Management") 750 Lexington Avenue, 30th Floor, New York, NY 10022
 Citizenship: Delaware limited liability company (iv) Siren, L.L.C. ("Siren") c/o The Invus Group, LLC, 750

Title of class of securities:

- (d) Ordinary shares, nominal value Euro 0.03 per share

- (e) CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) ☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) ☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) ☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);
- (d) ☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) ☐ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f) ☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) ☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) ☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) ☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) ☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

As of June 30, 2026, Invus Public Equities directly held 4,483,275 Ordinary shares, Euro 0.03 nominal value per share (the "Shares") of Nanobiotix S.A. (the "Issuer") and 345,099 Issuer Pre-Funded Warrants exercisable for Shares on a one-for-one basis (the "Warrants"). Each of the Pre-Funded Warrants has an exercise price of Euro 0.03 per Share and an expiration date of May 26, 2036. Invus PE Advisors, as the general partner of Invus Public Equities, controls Invus Public Equities and, accordingly, may be deemed to beneficially own the Shares directly held by Invus Public Equities. Global Management, as the managing member of Invus PE Advisors, controls Invus PE Advisors and, accordingly, may be deemed to beneficially own the Shares that Invus PE Advisors may be deemed to beneficially own. Siren, as the managing member of Global Management, controls Global Management and, accordingly, may be deemed to beneficially own the Shares that Global Management may be deemed to beneficially own. Mr. Raymond Debbane, as the managing member of Siren, controls Siren and, accordingly, may be deemed to beneficially own the Shares that Siren may be deemed to beneficially own. There is no CUSIP number assigned to the Shares. The CUSIP Number 63009J107 has been assigned to the American Depositary Shares ("ADS") of the Issuer, which are quoted on the Nasdaq Global Market under the symbol "NBTX"; each ADS represents 1 Share.

Percent of class:

- (b) As of June 30, 2026, each of the Reporting Persons may be deemed to be the beneficial owner of the percentage of Shares listed on such Reporting Person's cover page. Calculations of the percentage of Shares beneficially owned are based on (i) 50,807,903 Shares outstanding as of May 31, 2026, as reported in the Issuer's Form 6-K filed with the Securities and Exchange Commission on June 5, 2026, plus (ii) 345,099 Shares issuable upon exercise of certain of the Warrants. %

- (c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

See each cover page hereof.

(ii) Shared power to vote or to direct the vote:

See each cover page hereof.

(iii) Sole power to dispose or to direct the disposition of:

See each cover page hereof.

(iv) Shared power to dispose or to direct the disposition of:

See each cover page hereof.

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

Each of the Reporting Persons hereby makes the following certification: By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

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.

Invus Public Equities, L.P.

Signature: /s/ Raymond Debbane

Name/Title: Raymond Debbane, President of Invus Public Equities Advisors, LLC, its general partner

Date: 08/13/2026

Invus Public Equities Advisors, LLC

Signature: /s/ Raymond Debbane

Name/Title: Raymond Debbane, President

Date: 08/13/2026

Invus Global Management, LLC

Signature: /s/ Raymond Debbane

Name/Title: Raymond Debbane, President

Date: 08/13/2026

Siren, L.L.C.

Signature: /s/ Raymond Debbane

Name/Title: Raymond Debbane, President

Date: 08/13/2026

Raymond Debbane

Signature: /s/ Raymond Debbane

Name/Title: Raymond Debbane

Date: 08/13/2026