SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(Amendment No. 1)*

Q32 Bio Inc.

(Name of Issuer)

Common Stock, $0.0001 par value per share

(Title of Class of Securities)

(CUSIP Number)

09/30/2026

(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.

1	Names of Reporting Persons Boxer Capital Management, LLC
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 DELAWARE

Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 2,357,922.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 2,357,922.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 2,357,922.00
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) 7.9 %
12		Type of Reporting Person (See Instructions) IA

SCHEDULE 13G

CUSIP No.

1		Names of Reporting Persons Boxer Holdings, LP
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 DELAWARE
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 2,357,922.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 2,357,922.00
9		Aggregate Amount Beneficially Owned by Each Reporting Person 2,357,922.00
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) 7.9 %
12	Type of Reporting Person (See Instructions) HC, PN

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Boxer Holdings GP, LLC	
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 DELAWARE	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 2,357,922.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 2,357,922.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person 2,357,922.00	
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) 7.9 %	
12	Type of Reporting Person (See Instructions) HC	

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons Aaron Davis
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	
	UNITED STATES	
Number of Shares Beneficially Owned by Each Reporting Person With:	5	Sole Voting Power 0.00
	6	Shared Voting Power 2,357,922.00
	7	Sole Dispositive Power 0.00
	8	Shared Dispositive Power 2,357,922.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
	2,357,922.00	
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)	
	7.9 %	
12	Type of Reporting Person (See Instructions)	
	HC, IN	

SCHEDULE 13G

Item 1.

(a) Name of issuer:

Q32 Bio Inc.

(b) Address of issuer's principal executive offices:

830 Winter Street, Waltham, MA 02451

Item 2.

(a) Name of person filing:

This statement is being jointly filed by (collectively, the "Reporting Persons"): Boxer Capital Management, LLC ("Boxer Capital") Boxer Holdings, LP Boxer Holdings GP, LLC Aaron Davis

(b) Address or principal business office or, if none, residence:

The business address of each Reporting Person is: 12860 El Camino Real, Suite 300, San Diego, CA 92130

(c) Citizenship:

Boxer Capital Management, LLC is a Delaware LLC. Boxer Holdings, LP is a Delaware LP. Boxer Holdings GP, LLC is a Delaware LLC. Aaron Davis is a citizen of the United States.

(d) Title of class of securities:

Common Stock, $0.0001 par value 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:

(a) Row 9 of each Reporting Person's cover page to this Schedule 13G sets forth the aggregate number of shares of securities of the Issuer beneficially owned by such Reporting Person as of September 30, 2026, and is incorporated by reference.

Percent of class:

(b) Row 11 of each Reporting Person's cover page to this Schedule 13G sets forth the percentages of securities of the Issuer beneficially owned by such Reporting Person as of September 30, 2026 and is incorporated by reference. Such percentage is based upon 29,769,466 shares out as of August 3, 2026, as reported in the Issuer's Quarterly Report on Form 10-Q filed on August 5, 20265 with the Securities and Exchange Commission. %

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

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

Row 5 of each Reporting Person's cover page to this Schedule 13G sets forth the sole power to vote or to direct the vote of securities of the Issuer beneficially owned by such Reporting Person as of September 30, 2026 and is incorporated by reference.

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

Row 6 of each Reporting Person's cover page to this Schedule 13G sets forth the sole power to vote or to direct the vote of securities of the Issuer beneficially owned by such Reporting Person as of September 30, 2026 and is incorporated by reference.

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

Row 7 of each Reporting Person's cover page to this Schedule 13G sets forth the sole power to vote or to direct the vote of securities of the Issuer beneficially owned by such Reporting Person as of September 30, 2026 and is incorporated by reference.

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

Row 8 of each Reporting Person's cover page to this Schedule 13G sets forth the sole power to vote or to direct the vote of securities of the Issuer beneficially owned by such Reporting Person as of September 30, 2026 and is incorporated by reference.

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:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and 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.

Boxer Capital Management, LLC

Signature: /s/ Aaron Davis
Name/Title: Boxer Capital Management, LLC, by Aaron Davis its Manager
Date: 11/06/2026

Boxer Holdings, LP

Signature: /s/ Aaron Davis
Name/Title: By Boxer Holdings, LP, by Boxer Holdings GP, LLC, its General Partner, by Aaron Davis its Manager
Date: 11/06/2026

Boxer Holdings GP, LLC

Signature: /s/ Aaron Davis
Name/Title: By Boxer Holdings GP, LLC by Aaron Davis, its Manager
Date: 11/06/2026

Aaron Davis

Signature: /s/ Aaron Davis
Name/Title: By Aaron Davis, an individual
Date: 11/06/2026