CANCER GENETICS, INC Form SC 13G July 27, 2018

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. n/a)*

Cancer Genetics, Inc.

(Name of Issuer)

Common Stock \$0.0001 par value per share

(Title of Class of Securities)

13739U104

(CUSIP Number)

July 27, 2018

(Date of Event Which Requires Filing of this Statement)

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

o Rule 13d-1(b)

- x Rule 13d-1(c)
- o Rule 13d-1(d)

* 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 the disclosures provided in a prior cover page.

The information required in 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).

> NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) Iliad Research & Trading, L.P. 11-3688679
> CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
>
> (a) o
> (b) o
>
>
> SEC USE ONLY

3

2

CITIZENSHIP OR PLACE OF ORGANIZATION

4

Utah

SOLE VOTING POWER

5

2,771,875*

| NUMBER OF SHARES | | SHARED VOTING POWER |
|-----------------------------------|---|--------------------------|
| BENEFICIALLY OWNED BY | 6 | SIMALE VOINGIOWER |
| EACH REPORTING PERSON WITH: | 7 | SOLE DISPOSITIVE POWER |
| | | 2,771,875* |
| | 0 | SHARED DISPOSITIVE POWER |

8

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

2,771,875*

 10
 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

 0
 0

 11
 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

 11
 9.99*%

 12
 TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)

 12
 PN

FOOTNOTES

* Reporting Person Iliad Research & Trading, L.P. ("Iliad") has rights, under a Convertible Promissory Note, to own an aggregate number of shares of the Issuer's common stock which, except for a contractual cap on the amount of outstanding shares that Iliad may own, would exceed such a cap. Iliad's current ownership cap is 9.99%. Thus, the number of shares of the Issuer's common stock beneficially owned by Iliad as of the date of this filing was 2,771,875 shares, which is 9.99% of the 27,746,497 shares outstanding on May 8, 2018 (as reported in the Issuer's Form 10-Q filed May 15, 2018).

 1
 NAMES OF REPORTING PERSONS

 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

 Iliad Management, LLC

 20-0411071

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)
(a) o

(b) o

SEC USE ONLY

3

4

2

| CITIZENSHI | P OR PLACE OF ORGANIZATION |
|------------|----------------------------|
| Delaware | |
| 5 | SOLE VOTING POWER |

2,771,875*

| NUMBER OF SHARES BENEFICIALLY | 6 | SHARED VOTING POWER |
|-------------------------------------|---|--------------------------|
| OWNED BY | | |
| EACH | | |
| REPORTING PERSON WITH: | 7 | SOLE DISPOSITIVE POWER |
| | | 2,771,875* |
| | | SHARED DISPOSITIVE POWER |

8

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

 10
 CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)

 0
 0

 11
 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

 11
 9.99*%

 12
 OO

FOOTNOTES

* Reporting person Iliad Management, LLC is the General Partner of reporting person Iliad. Iliad has rights, under a Convertible Promissory Note, to own an aggregate number of shares of the Issuer's common stock which, except for a contractual cap on the amount of outstanding shares that Iliad may own, would exceed such a cap. Iliad's current ownership cap is 9.99%. Thus, the number of shares of the Issuer's common stock beneficially owned by Iliad as of the date of this filing was 2,771,875 shares, which is 9.99% of the 27,746,497 shares outstanding on May 8, 2018 (as reported in the Issuer's Form 10-Q filed May 15, 2018).

 1
 NAMES OF REPORTING PERSONS

 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)

 Fife Trading, Inc.

 36-4151891

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

- (a) o
- (b) o

SEC USE ONLY

3

2

| CITIZENSHIP OR PLACE OF ORGANIZATION |
|--------------------------------------|
| |

4

Illinois

SOLE VOTING POWER

5

2,771,875*

| NUMBER OF SHARES BENEFICIALLY | 6 | SHARED VOTING POWER |
|---|---|--------------------------|
| OWNED BY EACH REPORTING PERSON WITH: | 7 | SOLE DISPOSITIVE POWER |
| | | 2,771,875* |
| | _ | SHARED DISPOSITIVE POWER |

8

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

2,771,875*

10
CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS)
o
PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)
11
9.99*%
12
TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)
12
CO
FOOTNOTES

* Reporting person Fife Trading, Inc. is the Manager of Iliad Management, LLC, which is the General Partner of reporting person Iliad. Iliad has rights, under a Convertible Promissory Note, to own an aggregate number of shares of the Issuer's common stock which, except for a contractual cap on the amount of outstanding shares that Iliad may own, would exceed such a cap. Iliad's current ownership cap is 9.99%. Thus, the number of shares of the Issuer's common stock beneficially owned by Iliad as of the date of this filing was 2,771,875 shares, which is 9.99% of the 27,746,497 shares outstanding on May 8, 2018 (as reported in the Issuer's Form 10-Q filed May 15, 2018).

NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) John M. Fife

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS)

2

(a) o

(b) o

SEC USE ONLY

3

CITIZENSHIP OR PLACE OF ORGANIZATION

4

United States of America

SOLE VOTING POWER

5

2,771,875*

| NUMBER OF | | |
|--------------|---|--------------------------|
| SHARES | | SHARED VOTING POWER |
| BENEFICIALLY | 6 | |
| OWNED BY | | |
| EACH | | |
| REPORTING | | |
| PERSON WITH: | | SOLE DISPOSITIVE POWER |
| | 7 | |
| | | 2,771,875* |
| | | SHARED DISPOSITIVE POWER |

8

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

9

2,771,875*

10CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE
INSTRUCTIONS)0011PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)129.99*%12TYPE OF REPORTING PERSON (SEE INSTRUCTIONS)12INFOOTNOTES

* John Fife is the President of Fife Trading, Inc., which is the Manger of Iliad Management, LLC, which is the General Partner of reporting person Iliad. Iliad has rights to exercise a Warrant and convert a Secured Convertible Promissory Note into shares of the Issuer's common stock. Iliad has rights, under a Convertible Promissory Note, to own an aggregate number of shares of the Issuer's common stock which, except for a contractual cap on the amount of outstanding shares that Iliad may own, would exceed such a cap. Iliad's current ownership cap is 9.99%. Thus, the number of shares of the Issuer's common stock beneficially owned by Iliad as of the date of this filing was 2,771,875 shares, which is 9.99% of the 27,746,497 shares outstanding on May 8, 2018 (as reported in the Issuer's Form 10-Q filed May 15, 2018).

Item 1.

| | (a) | Name of Issuer Cancer Genetics, Inc. |
|-----|-----|---|
| (b) | | Address of Issuer's Principal Executive Offices 201 Route 17 North 2nd Floor Rutherford, NJ 07070 |

Item 2.

(a) Name of Person Filing This report is filed by Iliad Research and Trading, LP, Iliad Management, LLC, Fife Trading, Inc., and John M. Fife with respect to the shares of Common Stock, \$0.001 par value per share, of the Issuer that are directly beneficially owned by Iliad Research and Trading, LP and indirectly beneficially owned by the other reporting and filing persons.

| (b) | | Address of Principal Business Office or, if none, Residence 303 East Wacker Drive, Suite 1040, Chicago, IL 60601 |
|-----|---------------|--|
| | Iliad Fife | Citizenship I Research and Trading, LP is a Utah limited partnership. I Management, LLC is a Delaware limited liability company. Trading, Inc. is an Illinois corporation. M. Fife is a United States citizen. |
| | (d) | Title of Class of Securities Common Stock \$0.0001 par value per share |
| | (e) | CUSIP Number 13739U104 |

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) o Broker or dealer registered under section 15 of the A | ct (15 U.S.C. 780). |
|---|---------------------|
|---|---------------------|

| (b) o Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78 |
|---|
|---|

| (c) | 0 | Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c). |
|-----|---|--|
|-----|---|--|

(d) o Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).

(e) o An investment adviser in accordance with §240.13d-1(b)(1)(ii)(E);

(f) o An employee benefit plan or endowment fund in accordance with §240.13d-1(b)(1)(ii)(F);

- (g) o A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) o A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) oA 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) o A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J).
- (k)oA group, in accordance with § 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

Item 4.

Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

| (a) | Amount beneficially owned: 2,771,875 | |
|--|--|--|
| (| (b) Percent of class: 9.99% | |
| (c) | Number of shares as to which the person has: | |
| (i) | Sole power to vote or to direct the vote: 2,771,875 | |
| (ii) | Shared power to vote or to direct the vote: 0 | |
| (iii) | Sole power to dispose or to direct the disposition of: 2,771,875 | |
| (iv) | Shared power to dispose or to direct the disposition of: 0 | |
| Item 5. | Ownership of Five Percent or Less of a Class | |
| If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following o. | | |

| N/A | |
|---------|---|
| Item 6. | Ownership of More than Five Percent on Behalf of Another Person. |
| N/A | |
| Item 7. | Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company |
| N/A | |
| Item 8. | Identification and Classification of Members of the Group |
| N/A | |
| Item 9. | Notice of Dissolution of Group |
| N/A | |
| | |

Item Certification 10.

Date: July 27, 2018

Date: July 27, 2018

Date: July 27, 2018

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.

Iliad Research and Trading, LP

| By: | /s/ John M. Fife |
|-----|--------------------|
| | Name: John M. Fife |
| | Title: President |

Iliad Management, LLC

/s/ John M. Fife Name: John M. Fife Title: President

Fife Trading, Inc.

By:

| By: | /s/ John M. Fife |
|-----|--------------------|
| | Name: John M. Fife |
| | Title: President |

Footnotes:

Attention: Intentional misstatements or omissions of fact constitute Federal criminal violations (See 18 U.S.C. 1001)