

1. NAME OF REPORTING PERSON
CVF, LLC
2. CHECK THE APPROPRIATE BOX IF A MEMBER (b) OF A GROUP
MEMBER (b)
3. SEC USE ONLY
4. CITIZENSHIP OR PLACE OF ORGANIZATION
Delaware
5. SOLE VOTING POWER
6. NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:
1,226,320 SHARED VOTING POWER
7. SOLE DISPOSITIVE POWER
8. 1,226,320 SHARED DISPOSITIVE POWER
9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
—
10. 1,226,320 CHECK BOX IF THE AGGREGATE

AMOUNT
IN ROW
(9)
EXCLUDES
CERTAIN
SHARES
PERCENT OF CLASS
REPRESENTED BY
AMOUNT IN ROW (9)

4.36%
TYPE OF REPORTING
PERSON

12.

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Item 1(a). Name of Issuer:

Genocea Biosciences, Inc.

Item 1(b). Address of Issuer's Principal Executive Offices:

100 Acorn Park Drive, Fifth Floor, Cambridge, Massachusetts 02140

Item 2(a). Name of Person Filing:

CVF, LLC ("CVF")

Item 2(b). Address of Principal Business Office or, if none, Residence:

222 N. LaSalle Street, Suite 2000, Chicago, Illinois 60601

Item 2(c). Citizenship:

Delaware

Item 2(d). Title of Class of Securities:

Common Stock, \$0.001 par value per share

Item 2(e). CUSIP Number:

372427104

If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), indicate type of person filing.

Item 3.

Not applicable.

Item 4. Ownership.

(a) Amount beneficially owned: See row 9 of the cover page.

(b) Percent of class: See row 11 of the cover page.

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

(i) Sole power to vote or direct the vote: See row 5 of the cover page.

(ii) Shared power to vote or direct the vote: See row 6 of the cover page.

(iii) Sole power to dispose or to direct the disposition of: See row 7 of the cover page.

(iv) Shared power to dispose or to direct the disposition of: See row 8 of the cover page.

Percent of class is based on (i) the number of shares held by CVF as of December 31, 2015 and (ii) the number of shares of common stock outstanding as of November 3, 2015 (28,115,036 shares) as reported by the Issuer in its most recent Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 5, 2015.

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 5
percent of the
class of
securities,
check the
following ý.

Item 6. Ownership of
More than
Five 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.

Not
applicable.

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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.

CVF, LLC

February 10, 2016 By: /s/Richard H. Robb

Name: Richard H. Robb

Title: Manager

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