

| OMB APPROVAL | |
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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|--|--|---|--|
| 1. Name and Address of Reporting Person * <u>Jovan-Embricos Morana</u> (Last) (First) (Middle) <u>C/O ALLOVIR, INC.</u> <u>1100 WINTER STREET</u> (Street) <u>WALTHAM MA 02451</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>Allovir, Inc. [ALVR]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below) | |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>05/11/2023</u> | | |
| | 4. If Amendment, Date of Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person | |
| | Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|--------|---|--|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Common Stock | 05/11/2023 | | A | | 35,000 ⁽¹⁾ | A | \$0.00 | 65,197 | D | |
| Common Stock | | | | | | | | 16,674,766 ⁽²⁾ | I | Shares held by ElevateBio LLC (|
| Common Stock | | | | | | | | 668,072 ⁽³⁾ | I | Shares held by F2-TPO Investments, LLC (|
| Common Stock | | | | | | | | 2,059,884 ⁽⁴⁾ | I | Shares held by F2 MG Limited (|
| Common Stock | | | | | | | | 4,193,874 ⁽⁵⁾ | I | Shares held by F2 Capital I 2020 LLC (|

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|--|-----|---|--|--|---|--|
| | | | | Code | V | | (A) | (D) | | | | | |

Explanation of Responses:

- The shares reported in this transaction represent Restricted Stock Units ("RSUs") issued under the AlloVir, Inc. 2020 Stock Option and Grant Plan (the "Plan"). Each RSU represents the contingent right to receive one share of the Issuer's Common Stock. The shares shall vest upon the earlier of (i) May 11, 2024 and (ii) the next annual meeting of the Issuer's stockholders.
- Shares held by ElevateBio. The Reporting Person is a director of ElevateBio, and may be deemed to have shared voting and investment power of the shares held by ElevateBio. The Reporting Person disclaims beneficial ownership of these securities except to the extent of her pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.
- Shares held by F2-TPO. Globeways Holdings II Limited is the appointed manager of F2-TPO and has sole power to vote upon the acquisition, holding and disposal of all shares held by F2-TPO. The Reporting Person is the founding director of Globeways Holdings II Limited. Morana Jovan-Embricos has the sole power to vote upon the acquisition, holding and disposal of all shares and warrants held by Globeways Holdings II Limited. The Reporting Person disclaims beneficial ownership of these securities except to the extent of her pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.
- Shares held by F2 MG. Globeways Holdings Limited is the appointed manager of F2 MG and has sole power to vote upon the acquisition, holding and disposal of all shares held by F2 MG. The Reporting Person is the founding director of Globeways Holdings Limited. Morana Jovan-Embricos has the sole power to vote upon the acquisition, holding and disposal of all shares and warrants held by Globeways Holdings Limited. The Reporting Person disclaims beneficial ownership of these securities except to the extent of her pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.
- Shares held by F2 2020. Globeways Holdings II Limited is the appointed manager of F2 2020 and has sole power to vote upon the acquisition, holding and disposal of all shares held by F2 2020. The Reporting Person is the founding director of Globeways Holdings II Limited. Morana Jovan-Embricos has the sole power to vote upon the acquisition, holding and disposal of all shares and

warrants held by Globeways Holdings II Limited. The Reporting Person disclaims beneficial ownership of these securities except to the extent of her pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for purposes of Section 16 or for any other purpose.

Remarks:

/s/ Brett Hagen, as Attorney-
in-Fact 05/12/2023

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.