

**FORM 3****UNITED STATES SECURITIES AND EXCHANGE  
COMMISSION**

Washington, D.C. 20549

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF  
SECURITIES****OMB APPROVAL**

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

<b>1. Name and Address of Reporting Person *</b> <u>Vector Acquisition Partners, L.P.</u>  (Last) (First) (Middle) <u>C/O VECTOR ACQUISITION CORPORATION</u> <u>ONE MARKET ST., STEUART TOWER, 23RD FLOOR</u>  (Street) <u>SAN FRANCISCO CA 94105</u>  (City) (State) (Zip)	<b>2. Date of Event Requiring Statement (Month/Day/Year)</b> <u>09/24/2020</u>	<table border="1"> <tr> <td data-bbox="727 371 1161 495"> <b>3. Issuer Name and Ticker or Trading Symbol</b>  <u>Vector Acquisition Corp [ VACQ ]</u> </td> <td data-bbox="1161 371 1528 495"></td> </tr> <tr> <td data-bbox="727 495 1161 674"> <b>4. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b>            Director <input checked="" type="checkbox"/> 10% Owner            Officer (give title below) Other (specify below)         </td> <td data-bbox="1161 495 1528 674"> <b>5. If Amendment, Date of Original Filed (Month/Day/Year)</b> </td> </tr> <tr> <td colspan="2" data-bbox="727 674 1528 907"> <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> Form filed by One Reporting Person            Form filed by More than One Reporting Person         </td> </tr> </table>	<b>3. Issuer Name and Ticker or Trading Symbol</b> <u>Vector Acquisition Corp [ VACQ ]</u>		<b>4. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	<b>5. If Amendment, Date of Original Filed (Month/Day/Year)</b>	<b>6. Individual or Joint/Group Filing (Check Applicable Line)</b> <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person	
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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**Table II - Derivative Securities Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Class B ordinary shares	(1)	(1)	Class A ordinary shares	8,575,000 <sup>(2)</sup>	(1)	D <sup>(3)</sup>	

**Explanation of Responses:**

1. As described in the issuer's registration statement on Form S-1 (File No. 333-248665) under the heading "Description of Securities-Founder Shares", the Class B ordinary shares, par value \$0.0001 per share, will automatically convert into Class A ordinary shares, par value \$0.0001 per share, of the issuer at the time of the issuer's initial business combination, or earlier at the option of the holder, on a one-for-one basis, subject to adjustment for share splits, share capitalizations, reorganizations, recapitalizations and the like, and certain anti-dilution rights and have no expiration date.

2. The Class B ordinary shares beneficially owned by the reporting person include up to 1,125,000 shares that are subject to forfeiture to the extent the underwriters of the initial public offering of the issuer's securities do not exercise in full their over-allotment option as described in the issuer's registration statement.

3. This Form 3 is being filed by Vector Acquisition Partners, L.P. (the "Sponsor"). The Sponsor is controlled by Vector Capital Partners V, Ltd. (the "General Partner"), its general partner. Accordingly, all of the shares held by the Sponsor may be deemed to be beneficially held by the General Partner.

/s/ Alex Slusky, as  
Authorized Signatory on  
Behalf of Vector Capital 09/24/2020  
Partners V, Ltd., its  
General Partner

\*\* 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 5 (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.**