

OMB APPROVAL	
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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

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

1. Name and Address of Reporting Person* <u>Exter Neil</u> (Last) (First) (Middle) C/O REVOLUTION MEDICINES, INC. 700 SAGINAW DRIVE (Street) REDWOOD CA 94063 CITY CA 94063 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Revolution Medicines, Inc. [RVMD]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 06/22/2021	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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							0	I	See footnotes ^{(1),(2)}	
Common Stock							19,998	I	See footnote ⁽³⁾	
Common Stock	06/22/2021		A		3,617	A	\$0	23,615 ⁽⁴⁾	D	

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)	Date Exercisable	Expiration Date						Title
Stock Option (Right to Buy)	\$32.93	06/22/2021		A		12,659		(5)	06/21/2031	Common Stock	12,659	\$0.00	12,659	D	

Explanation of Responses:

- The Reporting Person is a partner of each of Third Rock Ventures GP II, L.P., Third Rock Ventures GP III, L.P. and Third Rock Ventures GP IV, L.P. which is the general partner of each of Third Rock Ventures II, L.P. ("TRV II"), Third Rock Ventures III, L.P. ("TRV III") and Third Rock Ventures IV, L.P. ("TRV IV" and collectively with TRV II and TRV III, "the Funds"), respectively. The Reporting Person disclaims beneficial ownership over the shares held by the Funds, except to the extent of his pecuniary interest therein, if any, and this report shall not be deemed an admission that he is the beneficial owner of such shares.
- TRV III directly holds 5,524,031 shares of Common Stock of the Issuer and TRV IV directly holds 1,419,900 shares of Common Stock of the Issuer.
- The shares are directly held in certain estate-planning trusts over which the Reporting Person may have voting and dispositive power. The Reporting Person disclaims beneficial ownership over the shares held by such trusts except to the extent of his pecuniary interest therein, if any, and this report shall not be deemed an admission that he is the beneficial owner of such shares.
- Includes 3,617 Restricted Stock Units.
- Shares subject to the Option shall vest in full on the earlier of (i) the first anniversary of June 22, 2021 or (ii) immediately prior to the Annual Meeting following the date of grant subject to the Reporting Person remaining a Service Provider (as defined in the 2020 Plan) through the vesting date.

/s/ Jack Anders, as Attorney-in-fact for Neil Exter 06/24/2021

** 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.