#### UNITED STATES SECURITIES AND EXCHANGE COMMISSION Form 144 Filer Information Washington, D.C. 20549

Form 144

**FORM 144** 

NOTICE OF PROPOSED SALE OF SECURITIES PURSUANT TO RULE 144 UNDER THE SECURITIES ACT OF 1933

# 144: Filer Information

Filer CIK 0001785287 Filer CCC XXXXXXXX Is this a LIVE or TEST Filing? LIVE TEST Submission Contact Information

Name Phone E-Mail Address

## 144: Issuer Information

Name of Issuer SEC File Number

Address of Issuer

Phone

Name of Person for Whose Account the Securities are To Be Sold

See the definition of "person" in paragraph (a) of Rule 144. Information is to be given not only as to the person for whose account the securities are to be sold but also as to all other persons included in that definition. In addition, information shall be given as to sales by all persons whose sales are required by paragraph (e) of Rule 144 to be aggregated with sales for the account of the person filing this notice.

Relationship to Issuer

Officer

#### **144: Securities Information**

Title of the Class of Securities To Be Sold	Name and Address of the Broker	Number of Shares or Other Units To Be Sold	Aggregate Market Value		Approximate Date of Sale	Name the Securities Exchange
Common	Fidelity Brokerage Services LLC 900 Salem Street Smithfield RI 02917	230	142.88	36520750	08/17/2023	NASDAQ

Furnish the following information with respect to the acquisition of the securities to be sold and with respect to the payment of all or any part of the purchase price or other consideration therefor:

## **144: Securities To Be Sold**

Title of the Amount of Date you Nature of Name of Is Date Date of Nature of Class Acquired Acquisition Person from this Donor **Securities** Payment Payment \*

Frequency Therapeutics, Inc. 001-39062 **75 HAYDEN AVENUE** SUITE 300 LEXINGTON MASSACHUSETTS 02421 781-315-4600

Mitrano Richard J.

	Transaction	Whom Acquired	a Acquire Gift?	d Acquired	
Common	08/16/2023 Restricted Stock Vesting	Issuer		230	08/16/2023 Compensation

\* If the securities were purchased and full payment therefor was not made in cash at the time of purchase, explain in the table or in a note thereto the nature of the consideration given. If the consideration consisted of any note or other obligation, or if payment was made in installments describe the arrangement and state when the note or other obligation was discharged in full or the last installment paid.

Furnish the following information as to all securities of the issuer sold during the past 3 months by the person for whose account the securities are to be sold.

## 144: Securities Sold During The Past 3 Months

Name and Address of Seller	Title of Securities Sold	Date of Securities Sale Sold	Gross Proceeds
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/06/2023 224	78.40
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/07/2023 220	78.25
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/10/2023 220	81.80
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/11/2023 228	84.45
Richard J. Mitrano 75 Hayden Avenue, Suite 300 Lexington MA 02421	Common	07/12/2023 220	87.45
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/13/2023 227	87.64
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/14/2023 148	89.16
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/17/2023 244	159.16
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/18/2023 249	139.44
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/19/2023 228	143.66
Richard J. Mitrano 75 Hayden Avenue Suite 300 Lexington MA 02421	Common	07/20/2023 229	146.29

Richard J. Mitrano 75 Hayden Avenue	Common	07/21/2023 223	136.25
Suite 300			
Lexington MA 02421 Richard J. Mitrano			
75 Hayden Avenue	Common	07/24/2023 234	130.53
Suite 300 Lexington MA 02421	Common	0,72,72020,201	100100
Richard J. Mitrano			
75 Hayden Avenue Suite 300	Common	07/25/2023 234	116.72
Lexington MA 02421			
Richard J. Mitrano			
75 Hayden Avenue Suite 300	Common	07/26/2023 222	113.44
Lexington MA 02421			
Richard J. Mitrano 75 Hayden Avenue			
Suite 300	Common	07/27/2023 227	121.33
Lexington MA 02421			
Richard J. Mitrano 75 Hayden Avenue	C	07/01/0000 000	112.02
Suite 300	Common	07/31/2023 222	112.02
Lexington MA 02421 Richard J. Mitrano			
75 Hayden Avenue	Common	07/28/2023 223	104.63
Suite 300 Lexington MA 02421			
Richard J. Mitrano			
75 Hayden Avenue Suite 300	Common	08/01/2023 238	114.00
Lexington MA 02421			
Richard J. Mitrano 75 Hayden Avenue			
Suite 300	Common	08/02/2023 231	112.70
Lexington MA 02421			
Richard J. Mitrano 75 Hayden Avenue			100.04
Suite 300	Common	08/03/2023 232	130.94
Lexington MA 02421 Richard J. Mitrano			
75 Hayden Avenue	Common	08/04/2023 220	146.94
Suite 300 Lexington MA 02421	Common		1.010 1
Richard J. Mitrano			
75 Hayden Avenue Suite 300	Common	08/07/2023 235	161.82
Lexington MA 02421			
Richard J. Mitrano			
75 Hayden Avenue Suite 300	Common	08/08/2023 241	162.02
Lexington MA 02421			
Richard J. Mitrano 75 Hayden Avenue			
Suite 300	Common	08/09/2023 238	157.20
Lexington MA 02421 Richard J. Mitrano			
75 Hayden Avenue	Common	08/10/2023 247	159.14
Suite 300 Lexington MA 02421			100111
Richard J. Mitrano			
75 Hayden Avenue Suite 300	Common	08/11/2023 240	153.48
Lexington MA 02421			

Richard J. Mitrano 75 Hayden Avenue Lexington MA 02421	Common	08/14/2023 238	152.58
Richard J. Mitrano 75 Hayden Avenue Lexington MA 02421	Common	08/15/2023 228	148.47
Richard J. Mitrano 75 Hayden Avenue Lexington MA 02421	Common	08/16/2023 234	156.90

## 144: Remarks and Signature

Remarks Date of Notice *ATTENTION:* 

The person for whose account the securities to which this notice relates are to be sold hereby represents by signing this notice that he does not know any material adverse information in regard to the current and prospective operations of the Issuer of the securities to be sold which has not been publicly disclosed. If such person has adopted a written trading plan or given trading instructions to satisfy Rule 10b5-1 under the Exchange Act, by signing the form and indicating the date that the plan was adopted or the instruction given, that person makes such representation as of the plan adoption or instruction date.

Signature /s/ Ryan Riviere, as a duly authorized representative of Fidelity Brokerage Services LLC, as attorney-in-fact for Richard J. Mitrano

ATTENTION: Intentional misstatements or omission of facts constitute Federal Criminal Violations (See 18 U.S.C. 1001)