

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 0002005463
Filer CCC XXXXXXXXX
Is this a LIVE or TEST Filing? LIVE TEST

Submission Contact Information

Name
Phone
E-Mail Address

144: Issuer Information

Name of Issuer SOPHiA GENETICS SA
SEC File Number 001-40627
Address of Issuer La Piece 12 CH-1180
Rolle
Switzerland
Unknown
00000
Phone 41216941060
Name of Person for Whose Account the Securities are To Be Sold Ross Muken

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	Number of Shares or Other Units Outstanding	Approximate Date of Sale	Name the Securities Exchange
ORDINARY	Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	1427	6478.58	65375093	05/20/2024	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 Class	Date you Acquired	Nature of Acquisition Transaction	Name of Person from Whom Acquired	Is this a Gift?	Date Donor Acquired	Amount of Securities Acquired	Date of Payment	Nature of Payment *
ORDINARY	05/18/2024	Vesting of Restricted Stock Units Grant	SOPHiA GENETICS SA	<input type="checkbox"/>		1210	05/20/2024	Vesting of Restricted Stock Unit Grant
ORDINARY	05/22/2024	Vesting of Restricted Stock Units Grant	SOPHiA GENETICS SA	<input type="checkbox"/>		217	05/22/2024	Vesting of Restricted Stock Unit Grant

* 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 Sale	Amount of Securities Sold	Gross Proceeds
Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	ORDINARY	02/18/2024	789	3716.19
Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	ORDINARY	02/22/2024	154	739.2
Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	ORDINARY	03/18/2024	944	4210.24
Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	ORDINARY	03/22/2024	210	997.5
Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	ORDINARY	04/03/2024	24530	120687.6
Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	ORDINARY	04/08/2024	9505	47810.15
Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza 8th Floor New York NY 10004	ORDINARY	04/10/2024	1436	7065.12
Morgan Stanley Smith Barney LLC Executive Financial Services 1 New York Plaza	ORDINARY	04/23/2024	1209	5815.29

8th Floor
New York NY 10004
Morgan Stanley Smith Barney LLC
Executive Financial Services
1 New York Plaza
8th Floor
New York NY 10004

ORDINARY

04/29/2024 205

1008.6

144: Remarks and Signature

Remarks The Reporting Person is selling the securities set forth herein pursuant to an automatic "sell to cover" transaction that did not represent a discretionary trade by the Reporting Person in order to pay the tax liability arising from the vesting and settlement of restricted stock units.

Date of Notice 05/20/2024

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/ Ross Muken

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