

Form 603
Corporations Act 2001
Section 671B

Notice of initial substantial holder

To Company Name/Scheme GENETIC TECHNOLOGIES LIMITED

ACN/ARSN 009 212 328

1. Details of substantial holder (1)

Name Morgan Stanley and its subsidiaries listed in Annexure A
ACN/ARSN (if applicable) Not Applicable

The holder became a substantial holder on May 10, 2019

The holder became aware on May 14, 2019

2. Details of voting power

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in on the date the substantial holder became a substantial holder are as follows:

| Class of securities (4) | Number of securities | Person's votes (5) | Voting power (6) |
|------------------------------|----------------------|--------------------|--|
| American Depositary Receipts | 1,054,373 | 158,155,950 | 5.82% |
| | | | Based on 2,716,712,693 Outstanding Shares |

3. Details of relevant interests

The nature of the relevant interest the substantial holder or an associate had in the following voting securities on the date the substantial holder became a substantial holder are as follows:

| Holder of relevant interest | Nature of relevant interest (7) | Class and number of securities |
|---|---|--|
| Morgan Stanley & Co. LLC | American Depositary Receipts held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses. | 1,049,353 American Depositary Receipts |
| Morgan Stanley Capital Services LLC | American Depositary Receipts held or in respect of which the holder may exercise control over disposal in the ordinary course of sales and trading businesses. | 5,000 American Depositary Receipts |
| Morgan Stanley Smith Barney LLC | American Depositary Receipts held or in respect of which the holder may exercise control over disposal in the ordinary course of discretionary managed business. | 20 American Depositary Receipts |
| Each of the entities (as listed in Annexure A) in the Morgan Stanley group upstream of the above entities | Each of the above entities is a body corporate that each upstream entity controls and therefore has the relevant interests that the above entities collectively have. | 1,054,373 American Depositary Receipts(N.B.: Total of the above direct interest) |

4. Details of present registered holders

The persons registered as holders of the securities referred to in paragraph 3 above are as follows:

| Holder of relevant interest | Registered holder of securities | Person entitled to be registered as holder (8) | Class and number of securities |
|---------------------------------|---------------------------------|--|--|
| Morgan Stanley & Co. LLC | DTC through Morgan Stanley | Not Applicable | 1,049,353 American Depositary Receipts |
| Morgan Stanley Smith Barney LLC | DTC through Morgan Stanley | Not Applicable | 20 American Depositary Receipts |

| | | | |
|-------------------------------------|----------------------------|----------------|------------------------------------|
| Morgan Stanley Capital Services LLC | DTC through Morgan Stanley | Not Applicable | 5,000 American Depositary Receipts |
|-------------------------------------|----------------------------|----------------|------------------------------------|

5. Consideration

The consideration paid for each relevant interest referred to in paragraph 3 above, and acquired in the four months prior to the day that the substantial holder became a substantial holder is as follows:

| Holder of relevant interest | Date of acquisition | Consideration (9) | | Class and number interest of securities |
|-------------------------------------|---------------------|-------------------|----------|---|
| | | Cash | Non-cash | |
| Morgan Stanley & Co. LLC | 01/11/2019 | USD 80.00 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 01/17/2019 | USD 8.30 | Buy | 10 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 01/28/2019 | USD 169.98 | Buy | 200 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 01/28/2019 | USD 1,105.00 | Buy | 1,300 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 01/28/2019 | USD 456.45 | Buy | 537 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/08/2019 | USD 86.00 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/11/2019 | USD 774.00 | Buy | 900 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/13/2019 | USD 185.76 | Buy | 192 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/13/2019 | USD 406.00 | Buy | 400 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/13/2019 | USD 183.50 | Buy | 200 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/13/2019 | USD 870.75 | Buy | 900 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/13/2019 | USD 183.50 | Buy | 200 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/13/2019 | USD 2,033.86 | Buy | 2,112 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/13/2019 | USD 38.40 | Buy | 40 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/13/2019 | USD 99.47 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/15/2019 | USD 452.70 | Buy | 503 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/19/2019 | USD 693.00 | Buy | 770 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/19/2019 | USD 27.05 | Buy | 30 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/22/2019 | USD 128.16 | Buy | 144 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/22/2019 | USD 89.00 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/22/2019 | USD 85.00 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/25/2019 | USD 800.10 | Buy | 1,000 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/26/2019 | USD 783.43 | Buy | 936 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/27/2019 | USD 1,178.49 | Buy | 1,200 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/27/2019 | USD 6.13 | Buy | 7 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/27/2019 | USD 1,020.00 | Buy | 1,000 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/27/2019 | USD 907.00 | Buy | 1,000 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/27/2019 | USD 105.00 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/27/2019 | USD 450.00 | Buy | 500 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/27/2019 | USD 93.00 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 03/28/2019 | USD 8.60 | Buy | 10 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 04/04/2019 | USD 292.16 | Buy | 332 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 04/04/2019 | USD 352.00 | Buy | 400 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 04/29/2019 | USD 75.01 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 04/29/2019 | USD 225.01 | Buy | 300 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/03/2019 | USD 76.00 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/06/2019 | USD 608.00 | Buy | 800 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/06/2019 | USD 2,250.00 | Buy | 3,000 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/06/2019 | USD 228.30 | Buy | 300 American Depositary Receipts |
| Morgan Stanley Capital Services LLC | 05/10/2019 | USD 6,525.00 | Buy | 5,000 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 1,155.00 | Buy | 1,100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 14,157.99 | Buy | 11,241 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 252.70 | Buy | 220 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 78,133.69 | Buy | 67,678 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 20,624.48 | Buy | 17,758 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 3,334.88 | Buy | 3,244 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 11,976.62 | Buy | 11,582 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 610.00 | Buy | 500 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 329,147.32 | Buy | 283,752 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 34,550.25 | Buy | 27,733 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 19,629.08 | Buy | 16,338 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 3,235.00 | Buy | 2,700 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 1,160.44 | Buy | 984 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 3,296.36 | Buy | 2,219 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 1,931.00 | Buy | 1,700 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 1,421.00 | Buy | 1,100 American Depositary Receipts |

| | | | | |
|--------------------------|------------|----------------|-----|--------------------------------------|
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 1,115.00 | Buy | 1,000 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 23,191.08 | Buy | 20,271 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 471.00 | Buy | 400 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 11,772.90 | Buy | 10,266 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 22,966.50 | Buy | 19,595 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 20,915.78 | Buy | 18,016 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 8,415.61 | Buy | 6,926 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 3,379.83 | Buy | 2,991 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 716.89 | Buy | 678 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 9,933.25 | Buy | 8,341 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 246.00 | Buy | 200 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 56,697.32 | Buy | 46,169 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 3,093.18 | Buy | 2,706 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 55,143.95 | Buy | 48,532 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 3,843.30 | Buy | 3,145 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 7,475.70 | Buy | 6,562 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 130.00 | Buy | 100 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 139,303.39 | Buy | 118,970 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 17,770.40 | Buy | 15,250 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 1,234.50 | Buy | 1,050 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 45,840.23 | Buy | 37,943 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 57,683.04 | Buy | 49,643 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 3,006.32 | Buy | 2,471 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 1,723.39 | Buy | 1,435 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 368.00 | Buy | 300 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 13,663.99 | Buy | 11,497 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 301.99 | Buy | 299 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 2,531.00 | Buy | 2,200 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 15,398.35 | Buy | 12,812 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 476.00 | Buy | 400 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 85,960.86 | Buy | 73,662 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 57.72 | Buy | 52 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 946.05 | Buy | 800 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 3,139.28 | Buy | 2,656 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 52,970.93 | Buy | 44,439 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 650.00 | Buy | 600 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 939.00 | Buy | 800 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 227.00 | Buy | 200 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 28,817.42 | Buy | 25,327 American Depositary Receipts |
| Morgan Stanley & Co. LLC | 05/10/2019 | USD 953.00 | Buy | 800 American Depositary Receipts |

6. Associates

The reasons the persons named in paragraph 3 above are associates of the substantial holder are as follows:

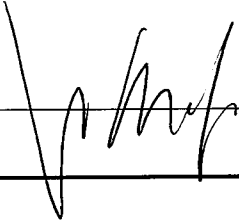
| Name and ACN/ARSN (if applicable) | Nature of association |
|-------------------------------------|--|
| Morgan Stanley Smith Barney LLC | Is a body corporate controlled by each upstream entity as listed in Annexure A |
| Morgan Stanley & Co. LLC | Is a body corporate controlled by each upstream entity as listed in Annexure A |
| Morgan Stanley Capital Services LLC | Is a body corporate controlled by each upstream entity as listed in Annexure A |

7. Addresses

The addresses of persons named in this form are as follows:

| Name | Address |
|-------------------------------------|--------------------------------------|
| Morgan Stanley Smith Barney LLC | 1585 Broadway, New York, 10036, USA. |
| Morgan Stanley & Co. LLC | 1585 Broadway, New York, 10036, USA. |
| Morgan Stanley Capital Services LLC | 1585 Broadway, New York, 10036, USA. |
| Morgan Stanley | 1585 Broadway, New York, 10036, USA. |

Signature

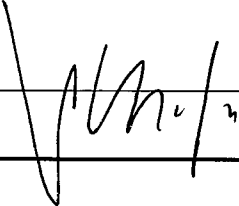
print name Wilson Li capacity Vice President
sign here  date 15 May 2019

Annexure A

List of Morgan Stanley and its subsidiaries that have a relevant interest or deemed to have a relevant interest in the shares or units stated in Section 3.

| Name |
|---|
| └─ Morgan Stanley |
| └─ Morgan Stanley Capital Management, LLC |
| └─ Morgan Stanley Domestic Holdings, Inc. |
| └─ Morgan Stanley & Co. LLC |
| └─ Morgan Stanley Capital Services LLC |
| └─ Morgan Stanley Smith Barney LLC |

Signature

| | | | |
|------------|---|----------|----------------|
| print name | Wilson Li | capacity | Vice President |
| sign here |  | date | 15 May 2019 |

DIRECTIONS

- (1) If there are a number of substantial holders with similar or related relevant interests (eg. a corporation and its related corporations, or the manager and trustee of an equity trust), the names could be included in an annexure to the form. If the relevant interests of a group of persons are essentially similar, they may be referred to throughout the form as a specifically named group if the membership of each group, with the names and addresses of members is clearly set out in paragraph 7 of the form.
- (2) See the definition of "associate" in section 9 of the Corporations Act 2001.
- (3) See the definition of "relevant interest" in sections 608 and 671B(7) of the Corporations Act 2001.
- (4) The voting shares of a company constitute one class unless divided into separate classes.
- (5) The total number of votes attached to all the voting shares in the company or voting interests in the scheme (if any) that the person or an associate has a relevant interest in.
- (6) The person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (7) Include details of:
 - (a) any relevant agreement or other circumstances by which the relevant interest was acquired. If subsection 671B(4) applies, a copy of any document setting out the terms of any relevant agreement, and a statement by the person giving full and accurate details of any contract, scheme or arrangement, must accompany this form, together with a written statement certifying this contract, scheme or arrangement; and
 - (b) any qualification of the power of a person to exercise, control the exercise of, or influence the exercise of, the voting powers or disposal of the securities to which the relevant interest relates (indicating clearly the particular securities to which the qualification applies).

See the definition of "relevant agreement" in section 9 of the Corporations Act 2001.
- (8) If the substantial holder is unable to determine the identity of the person (eg. if the relevant interest arises because of an option) write "unknown."
- (9) Details of the consideration must include any and all benefits, moneys and other, that any person from whom a relevant interest was acquired has, or may, become entitled to receive in relation to that acquisition. Details must be included even if the benefit is conditional on the happening or not of a contingency. Details must be included of any benefit paid on behalf of the substantial holder or its associate in relation to the acquisitions, even if they are not paid directly to the person from whom the relevant interest was acquired.

GUIDE

This guide does not form part of the prescribed form and is included by ASIC to assist you in completing and lodging form 603.

| | |
|------------------------------------|--|
| Signature | This form must be signed by either a director or a secretary of the substantial holder. |
| Lodging period | Nil |
| Lodging Fee | Nil |
| Other forms to be completed | Nil |
| Additional information | <p>(a) If additional space is required to complete a question, the information may be included on a separate piece of paper annexed to the form.</p> <p>(b) This notice must be given to a listed company, or the responsible entity for a listed managed investment scheme. A copy of this notice must also be given to each relevant securities exchange.</p> <p>(c) The person must give a copy of this notice:</p> <ul style="list-style-type: none">(i) within 2 business days after they become aware of the information; or(ii) by 9.30 am on the next trading day of the relevant securities exchange after they become aware of the information if:<ul style="list-style-type: none">(A) a takeover bid is made for voting shares in the company or voting interests in the scheme; and(B) the person becomes aware of the information during the bid period. |
| Annexures | <p>To make any annexure conform to the regulations, you must</p> <ol style="list-style-type: none">1 use A4 size paper of white or light pastel colour with a margin of at least 10mm on all sides2 show the corporation name and ACN or ARBN3 number the pages consecutively4 print or type in BLOCK letters in dark blue or black ink so that the document is clearly legible when photocopied5 identify the annexure with a mark such as A, B, C, etc6 endorse the annexure with the words: <i>This is annexure (mark) of (number) pages referred to in form (form number and title)</i>7 sign and date the annexure. <p>The annexure must be signed by the same person(s) who signed the form.</p> |

Information in this guide is intended as a guide only. Please consult your accountant or solicitor for further advice.

