

**KING & WOOD
MALLESONS**

Level 50
Bourke Place
600 Bourke Street
Melbourne VIC 3000
Australia

T +61 3 9643 4000
F +61 3 9643 5999

www.kwm.com

13 July 2018

To Market Announcements Office
ASX Limited
Level 4, North Tower, Rialto
525 Collins Street
Melbourne VIC 3000

By Facsimile: 1300 135 638

Dear Sir / Madam

Genetic Technologies Limited (ASX: GTG) – Notice of Change of Interests of Substantial Holder

We act for Renaissance Technologies LLC ("**Renaissance**").

Attached is a Form 604 Notice of Change of Interests of Substantial Holder in relation to the above company lodged on behalf of Renaissance.

Yours sincerely



Diana Nicholson | Partner
King & Wood Mallesons

Level 50, Bourke Place, 600 Bourke Street, Melbourne VIC 3000
T +61 3 9643 4229 | M +61 418 481 632 | F +61 3 9643 5999
diana.nicholson@au.kwm.com | [Partner profile](#) | www.kwm.com

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Form 604Corporations Act 2001
Section 671B**Notice of change of interests of substantial holder**To Company Name/Scheme Genetic Technologies LimitedACN/ARSN ACN 009 212 328**1. Details of substantial holder (1)**Name Renaissance Technologies LLCACN/ARSN (if applicable) N/AThere was a change in the interests of the
substantial holder on11/07/18The previous notice was given to the company
on30/11/17

The previous notice was dated

30/11/17**2. Previous and present 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 when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Ordinary Shares	148,392,000	6.09%	123,751,200	5.08%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
11 July 2018	Renaissance Technologies LLC (Renaissance)	ADRs sold on Nasdaq	Sold 2,700 shares	24,640,800 ordinary shares	24,640,800

11 July 2018	GF Trading LLC (GF Trading)	ADRs sold on Nasdaq	Sold 200 at 1.04 Sold 400 at 1.05 Sold 200 at 1.06	7,186,800 ordinary shares	7,186,800
11 July 2018	RIDGE Master Trading LP	ADRs sold on Nasdaq	Sold 200 at 1.04	1,740,000 ordinary shares	1,740,000
11 July 2018	RIEF RMP LLC	ADRs sold on Nasdaq	Sold 100 at 1.03 Sold 200 at 1.04 Sold 100 at 1.06	4,942,800 ordinary shares	4,942,800
11 July 2018	RIEF Trading LLC	ADRs sold on Nasdaq	Sold 800 at 1.03 Sold 500 at 1.05	10,771,200 ordinary shares	10,771,200

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
Renaissance Technologies LLC	Renaissance Technologies LLC	Renaissance Technologies LLC	Relevant interest under 608(3) of the Corporations Act 2001 (Cth)	123,751,200 ordinary shares	123,751,200
GF Trading LLC, Renaissance Technologies	GF Trading LLC	GF Trading LLC	Relevant interest under 608(1)(a) of the Corporations Act 2001 (Cth)	37,918,200 ordinary shares	37,918,200
RIDGE Master Trading LP, Renaissance Technologies	RIDGE Master Trading LP	RIDGE Master Trading LP	Relevant interest under 608(1)(a) of the Corporations Act 2001 (Cth)	7,830,000 ordinary shares	7,830,000
RIEF RMP LLC, Renaissance Technologies	RIEF RMP LLC	RIEF RMP LLC	Relevant interest under 608(1)(a) of the Corporations Act 2001 (Cth)	19,321,200 ordinary shares	19,321,200
RIEF Trading LLC, Renaissance Technologies	RIEF Trading LLC	RIEF Trading LLC	Relevant interest under 608(1)(a) of the Corporations Act 2001 (Cth)	58,681,800 ordinary shares	58,681,800

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)	Nature of association
N/A	

6. Addresses

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

Name	Address
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Renaissance Technologies LLC	800 Third Avenue, New York, NY 10022 USA
GF Trading LLC	c/o Renaissance Technologies LLC, 800 Third Avenue, New York, NY 10022 USA
RIDGE Master Trading LP	c/o Renaissance Technologies LLC, 800 Third Avenue, New York, NY 10022 USA
RIEF RMP LLC	c/o Renaissance Technologies LLC, 800 Third Avenue, New York, NY 10022 USA
RIEF Trading LLC	c/o Renaissance Technologies LLC, 800 Third Avenue, New York, NY 10022 USA

Signatureprint name JAMES S. ROWENcapacity CHIEF OPERATING OFFICERsign here date 12/07/18**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 6 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 person's votes divided by the total votes in the body corporate or scheme multiplied by 100.
- (6) Include details of:
 - (a) any relevant agreement or other circumstances because of which the change in relevant interest occurred. 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.
- (7) Details of the consideration must include any and all benefits, money 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.
- (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) Give details, if appropriate, of the present association and any change in that association since the last substantial holding notice.