

24 October 2016

Markets Announcements Office
ASX Limited
Exchange Centre
20 Bridge Street
SYDNEY NSW 2000

Genetic Signatures Limited (GSS): Substantial Shareholder Notice

In accordance with section 671B of the Corporations Act 2001 (Cth), attached is a Form 604 (Notice of change of interests of substantial holder) for and on behalf of Genetic Signatures Limited (GSS).

I advise that the attached form reflects the dilution of voting power only due to the allotment of Tranche 2 Placement shares in GSS.

Yours faithfully



Anna Sandham
Company Secretary

For further information, see our website (www.geneticsignatures.com) or contact us as below:

Company	Media and Investor Relations
John Melki Chief Executive Officer john@geneticsignatures.com T: +61 2 9870 7580	Peter Taylor Investor Relations peter@nwrcommunications.com.au T: +61 412 036 231

About Genetic Signatures Limited: Genetic Signatures is a specialist molecular diagnostics (MDx) company focused on the development and commercialisation of its proprietary platform technology, *3Base™*. Genetic Signatures designs and manufactures a suite of real-time Polymerase Chain Reaction (PCR) based products for the routine detection of infectious diseases under the *EasyScreen™* brand. Genetic Signatures' proprietary MDx *3Base™* platform technology provides high-volume hospital and pathology laboratories the ability to screen for a wide array of infectious pathogens, with a high degree of specificity, in a rapid throughput (time-to-result) environment. Genetic Signatures' current target markets are major hospital and pathology laboratories undertaking infectious disease screening.

Form 604

Corporations Act 2001
Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme Genetic Signatures Limited

ACN/ARSN 095 913 205

1. Details of substantial holder (1)

Name Genetic Signatures Limited (GSS)

ACN/ARSN (if applicable) 095 913 205

There was a change in the interests of the substantial holder on 19 October 2016

The previous notice was given to the company on 19 September 2016

The previous notice was dated 19 September 2016

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	22,935,397	27.44%	22,849,980	21.85%

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
14 October 2016	GSS	Dilution of voting power as a result of issue of shares in which GSS does not have a relevant interest	N/A. Change arises as a result of dilution of voting power. For completeness, GSS received subscription monies from party to whom shares were issued.	18,886,074 ordinary shares	0

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
GSS	As listed in Annexure A	As listed in Annexure A	Restrictions on disposal of shares under voluntary and mandatory escrow arrangements disclosed in the prospectus of GSS dated 7 November 2014 gives GSS a relevant interest in its own shares pursuant to section 608(1)(c) of the Corporations	18,674,980 ordinary shares subject to voluntary or mandatory escrow	18,674,980

			Act. However, GSS has no right to acquire the shares or control the voting rights attached to the shares.		
GSS	Staff of GSS	Staff of GSS	Restrictions on disposal of shares under the terms of the ESP disclosed in the prospectus of Genetic Signatures dated 7 November 2014 gives GSS a relevant interest in its own shares pursuant to section 608(1)(c) of the Corporations Act. However, GSS has no right to control the voting rights attached to the shares.	4,175,000 ordinary shares issued under the ESP	4,175,000

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
Genetic Signatures Limited. and staff of Genetic Signatures Limited.	Level 9, Lowy Packer Building, 405 Liverpool Street, Darlinghurst NSW 2010
Dazane Pty Limited	C/- Level 9, Lowy Packer Building, 405 Liverpool Street, Darlinghurst NSW 2010
Asia Union Investments Pty Limited	C/- Level 9, Lowy Packer Building, 405 Liverpool Street, Darlinghurst NSW 2010
Robert James Birrell	C/- Level 9, Lowy Packer Building, 405 Liverpool Street, Darlinghurst NSW 2010

Signature

print name **Anna Sandham** capacity **Company Secretary**

sign here  date **24 October 2016**

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.
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This is Annexure "A" of 1 page referred to in the Form 604 (Notice of change of interests of substantial holder), signed by me and dated 24 October 2016.

Anna Sandham

Anna Sandham
24 October 2016

Holder of relevant interest	Registered holder of relevant interest	Person entitled to be the registered as holder	Class and number of securities
Genetic Signatures Limited	Juleyu Pty Ltd	Juleyu Pty Ltd	96,631
	Dazane Pty Ltd	Dazane Pty Ltd	69,158
	Asia Union Investments Pty Limited	Asia Union Investments Pty Limited	18,434,066
	Robert James Birrell	Robert James Birrell	125
	Nick Samaras ATF Samaras Family Trust	Nick Samaras ATF Samaras Family Trust	75,000
		Total	18,674,980