

GENETIC TECHNOLOGIES LTD  
Form 6-K  
December 17, 2009

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FORM 6-K

U.S. SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

REPORT OF FOREIGN PRIVATE ISSUER  
PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE  
SECURITIES EXCHANGE ACT OF 1934

dated December 17, 2009

Commission File Number 0-51504

GENETIC TECHNOLOGIES LIMITED  
(Exact Name as Specified in its Charter)

N/A  
(Translation of Registrant's Name)

60-66 Hanover Street  
Fitzroy  
Victoria 3065 Australia  
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F  Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes  No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): Not applicable.

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SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused the Report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: December 17, 2009

GENETIC TECHNOLOGIES LIMITED

By: /s/ Thomas Howitt  
Name: Thomas Howitt  
Title: Chief Financial Officer

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EXHIBIT INDEX

Exhibit	Description of Exhibit
99.1	ASX Announcement, December 17, 2009

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