



MARKET RELEASE

17 December 2009

Phylogica Limited

TRADING HALT

The securities of Phylogica Limited (the "Company") will be placed in pre-open at the request of the Company, pending the release of an announcement by the Company. Unless ASX decides otherwise, the securities will remain in pre-open until the earlier of the commencement of normal trading on Monday 21 December 2009 or when the announcement is released to the market.

Security Code: PYC

A handwritten signature in black ink, appearing to read 'J Hewitt'.

Jill Hewitt

Adviser, Issuers (Perth)

PHYLOGICA

BEYOND ANTIBODIES

17 December 2009

Mr Nathan Bartrop
Issuers Adviser
Australian Securities Exchange
Exchange Plaza
2 The Esplanade
PERTH WA 6000

By Facsimile: 9221 2020

Dear Nathan

Trading Halt

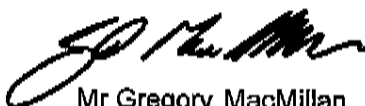
Phylogica Limited ("Phylogica" or "the Company") (ASX Code: PYC) requests an immediate trading halt be placed on its securities pending an announcement.

The company requests this trading halt pending signing of formal documentation shortly with a large pharmaceutical and biotechnology group regarding a new research partnership utilizing the Company's vast and unique library of protein fragments (phylomers).

Phylogica can see no reason why a trading halt should not be put on its securities. The Company's securities are to remain in the trading halt until the earlier of the commencement of normal trading on 21 December 2009 or when the announcement is released to the market.

If an announcement is not made at the end of the trading halt period, the Company will request a voluntary suspension of its securities.

Regards



Mr Gregory MacMillan
Company Secretary

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