UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
June 23, 2010

ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934

Response Genetics, Inc.

File No. 1-33509 - CF#25267

Response Genetics, Inc. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 10-Q filed on May 14, 2010.

Based on representations by Response Genetics, Inc. that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit(s) will not be released to the public for the time period(s) specified:

Exhibit 10.1 through May 14, 2013

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Suzanne Hayes
Branch Chief