UNITED STATES SECURITIES AND EXCHANGE COMMISSION November 25, 2013

ORDER GRANTING CONFIDENTIAL TREATMENT UNDER THE SECURITIES EXCHANGE ACT OF 1934

Pacific Biosciences of California, Inc.

File No. 001-34899 - CF#30368

Pacific Biosciences of California, 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 November 12, 2013.

Based on representations by Pacific Biosciences of California, 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 November 8, 2023

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

Elizabeth M. Murphy Secretary