

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
August 28, 2015**

**ORDER GRANTING CONFIDENTIAL TREATMENT  
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

**Senomyx, Inc.**

**File No. 000-50791- CF#32661**

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Senomyx, Inc. submitted an application under Rule 24b-2 requesting an extension of prior grants of confidential treatment for information they excluded from the Exhibits to a Form 10-Q filed on August 4, 2009 and to a Form 10-Q filed on August 7, 2012.

Based on representations by Senomyx, 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 exhibits will not be released to the public for the time periods specified:

<b>Exhibit</b>	<b>to Form</b>	<b>Filed on</b>	<b>Confidential Treatment Granted</b>
10.1	10-Q	August 4, 2009	through August 3, 2018
10.1	10-Q	August 7, 2012	through August 3, 2018

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

Brent J. Fields  
Secretary