

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
October 15, 2013**

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

**Senomyx, Inc.**

**File No. 000-50791 - CF#30213**

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Senomyx, Inc. submitted an application under Rule 24b-2 requesting an extension of a previous grant of confidential treatment for information it excluded from the Exhibits to the Form 10-Qs filed on November 4, 2010 and November 8, 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>
10.2	10-Q	November 4, 2010	through November 4, 2018
10.1	10-Q	November 8, 2012	through November 4, 2018

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

Elizabeth M. Murphy  
Secretary