



Shareowner Services
 P.O. Box 64945
 St. Paul, MN 55164-0945

Address Change? Mark box, sign, and indicate changes below:



TO VOTE BY INTERNET OR
 TELEPHONE, SEE REVERSE SIDE
 OF THIS PROXY CARD.

**TO VOTE BY MAIL AS THE BOARD OF DIRECTORS RECOMMENDS ON ALL ITEMS BELOW,
 SIMPLY SIGN, DATE, AND RETURN THIS PROXY CARD.**



Please fold here — Do not separate.



The Board of Directors Recommends a Vote “FOR” Items 1, 2, 3, and 4.

- 1. Approval of the issuance of shares of our common stock in connection with the proposed arrangement with Peraso Technologies Inc. in accordance with the requirements of the Nasdaq Listing Rules. For Against Abstain
- 2. Adoption of an amendment to our Restated Certificate of Incorporation to effect a reverse stock split of our common stock at a ratio of up to 1-for-3, as determined by our board of directors, at any time within one year of the special meeting. For Against Abstain
- 3. Approval of an amendment and restatement to the MoSys 2019 Stock Incentive Plan to increase the number of shares authorized for issuance thereunder. For Against Abstain
- 4. Approval of the postponement or adjournment of the special meeting to solicit additional proxies if there are not sufficient votes to approve proposals (1) to (3) or in the absence of a quorum. For Against Abstain

THIS PROXY WHEN PROPERLY EXECUTED WILL BE VOTED IN THE MANNER DIRECTED HEREIN BY THE UNDERSIGNED STOCKHOLDER. **IF NO DIRECTION IS MADE, THIS PROXY WILL BE VOTED FOR PROPOSALS ONE, TWO, THREE, AND FOUR.** IN THEIR DISCRETION, THE PROXIES ARE AUTHORIZED TO TRANSACT ANY OTHER BUSINESS AND VOTE ON ANY OTHER MATTERS REFERRED TO IN SEC RULE 14a-4 THAT MAY PROPERLY COME BEFORE THE MEETING.

Date _____

Signature(s) in Box

Please sign exactly in the name or names in which you hold your shares of common stock. For joint accounts, each owner should sign. When signing as executor, administrator, attorney, trustee, guardian or other fiduciary, please give your full title. If signing for a corporate or other entity, please sign in full corporate or other entity name by a duly authorized officer or other agent.

MoSys, Inc.

SPECIAL MEETING OF STOCKHOLDERS

Tuesday, November 23, 2021
11:00 A.M. Pacific Time



MoSys, Inc.
2309 Bering Drive
San Jose, CA 95131

proxy

This Proxy is Solicited on Behalf of the Board of Directors of MoSys, Inc.

The undersigned, revoking any proxy previously given, hereby appoints Messrs. Daniel Lewis and James Sullivan as proxies, with the full power of substitution, to vote the shares of the undersigned in favor of each proposal designated on this Proxy Card and to vote the shares of the undersigned in their discretion with respect to other matters that properly come before the Special Meeting of stockholders of MoSys, Inc. on November 23, 2021, and any adjournment of the Special Meeting.

You are encouraged to specify your choice by marking the appropriate boxes, but you need not mark any boxes if you wish to vote in accordance with the Board of Directors recommendation. This proxy, when properly executed, will be voted as directed. If no direction is given with respect to a particular proposal, this proxy will be voted "FOR" for Proposal 1, Proposal 2, Proposal 3, and Proposal 4. The proxy cannot vote your shares unless you sign this card on the REVERSE SIDE before returning it.

PLEASE MARK, DATE, SIGN AND RETURN THIS PROXY CARD PROMPTLY, USING THE ENCLOSED ENVELOPE; OR UTILIZE THE TELEPHONE OR INTERNET VOTING PROCEDURE, AS DESCRIBED ON THE REVERSE SIDE OF THIS FORM. NO POSTAGE IS REQUIRED IF MAILED IN THE UNITED STATES.

Vote by Internet, Telephone or Mail 24 Hours a Day, 7 Days a Week

Your phone or Internet vote authorizes the named proxies to vote your shares in the same manner as if you marked, signed and returned your proxy card.



INTERNET/MOBILE

www.proxypush.com/mosy

Use the Internet to vote your proxy until 11:59 p.m. (CT) on November 22, 2021.



PHONE

1-866-883-3382

Use a touch-tone telephone to vote your proxy until 11:59 p.m. (CT) on November 22, 2021.



MAIL

Mark, sign and date your proxy card and return it in the postage-paid envelope provided.

If you vote your proxy by Internet or by Telephone, you do NOT need to mail back your Proxy Card.