

EVOGENE LTD.

PROXY FOR THE 2017 ANNUAL GENERAL MEETING OF SHAREHOLDERS

TO BE HELD ON JULY 18, 2017

THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned hereby constitutes and appoints Alex Taskar, Sassi Masliah and Amitai Bartov, and each of them, the true and lawful attorneys, agents and proxies of the undersigned, with full power of substitution to each of them, to represent and to vote, on behalf of the undersigned, all of the Ordinary Shares of Evogene Ltd. (the "**Company**") held of record in the name of the undersigned at the close of business on June 15, 2017 at the 2017 Annual General Meeting of Shareholders (the "**Meeting**") to be held at the executive offices of the Company, 13 Gad Feinstein Street, Park Rehovot, Rehovot, Israel, on Tuesday, July 18, 2017 at 3:00 p.m. (Israel time), and at any and all adjournments or postponements thereof, on the following matters, which are more fully described in the Notice of 2017 Annual General Meeting of Shareholders and Proxy Statement of the Company relating to the Meeting.

This proxy, when properly executed, will be voted in the manner directed herein by the undersigned. If no direction is made with respect to any proposal (other than Proposal 3), this proxy will be voted FOR each such proposal and in such manner as the holder of the proxy may determine with respect to any other business as may properly come before the Meeting or all and any adjournments or postponements thereof. If no direction is made with respect to Proposal 3, the undersigned will be deemed to have not participated in the voting on such proposal.

**IMPORTANT NOTE:** The vote under this proxy will not be counted towards the majority required for the approval of Proposal 3 unless the undersigned either (i) confirms that he, she or it is not a controlling shareholder and does not have a conflict in the approval of Proposal 3 by completing the box for Item 3A on the reverse side, or (ii) contacts the Company, in accordance with instructions in the proxy statement for the Meeting, to vote on Proposal 3 via a separate proxy card which is designed for a shareholder who is a controlling shareholder or has such a conflict.

Any and all proxies heretofore given by the undersigned are hereby revoked.

(Continued and to be signed on the reverse side)

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Note: Please sign exactly as your name or names appear on this Proxy. When shares are held jointly, each owner should sign. When signing as executor, administrator, attorney, trustee or guardian, please give full title as such. If the signer is a corporation, please sign full corporate name by a duly authorized officer, giving full title as such. If the signer is a partnership, please sign in partnership name by authorized person.