

**REVOCABLE PROXY  
UNIGENE LABORATORIES, INC.**

**PLEASE MARK VOTES  
AS IN THIS EXAMPLE**

**PROXY SOLICITED BY THE BOARD OF DIRECTORS FOR  
ANNUAL MEETING  
JUNE 15, 2010**

The undersigned stockholder of Unigene Laboratories, Inc. hereby appoints Richard Levy and Warren P. Levy as the undersigned's proxies (each of them with the power of substitution) to vote all the shares of Common Stock of Unigene Laboratories, Inc. which the undersigned would be entitled to vote at the Annual Meeting of Stockholders of Unigene Laboratories, Inc. to be held on June 15, 2010 at 11:00 A.M., Eastern Daylight time, and any adjournments thereof, on the following matters:

	For	With- hold	For All Except
1. Election of directors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Allen Bloom, Zvi Eiref, Richard Levy, Warren P. Levy, Marvin L. Miller, Bruce Morra and Peter Slusser

**INSTRUCTION:** To withhold authority to vote for any individual nominee, mark "For all Except" and write that nominee's name in the space provided below.

	For	Against	Abstain
2. Ratification of the appointment of Grant Thornton LLP as independent auditors of the Company for the Company's 2010 fiscal year.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	For	Against	Abstain
3. To approve an amendment to the Certificate of Incorporation of the Company to increase the number of authorized shares of Common Stock, par value \$.01 per share, from 135,000,000 shares to 275,000,000 shares.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	For	Against	Abstain
4. To approve an amendment to the Company's 2006 Stock-Based Incentive Compensation Plan, as amended, to increase by 5,000,000 shares the number of shares of Common Stock, par value \$.01 per share, available for issuance thereunder; and	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. In their discretion, in the transaction of any other business that may properly come before such meeting.

The undersigned hereby revokes any proxy heretofore given.

Please be sure to sign and date this Proxy in the box below	Date
<input style="width: 100%; height: 20px;" type="text"/>	
<input type="checkbox"/> Stockholder sign above	<input type="checkbox"/> Co-holder (if any) sign above

Please sign exactly as your name appears on this card. If stock is registered in the names of two or more joint owners or trustees, each joint owner or trustee should sign this proxy. When signing as an executor, administrator, trustee, guardian, agent or attorney, please give your full title as such.

↑ Detach above card, sign, date and mail in postage paid envelope provided ↑

**UNIGENE LABORATORIES, INC.**

**This proxy will be voted in accordance with instructions specified above, but in the absence of any instructions will be voted "FOR" Items 1, 2, 3 and 4. If any other business is presented at the meeting, the proxies are authorized to vote thereon in their discretion.**

**The Board of Directors recommends a vote "FOR" items 1, 2, 3 and 4 noted above.**

**PLEASE ACT PROMPTLY  
SIGN, DATE & MAIL YOUR PROXY CARD TODAY**

IF YOUR ADDRESS HAS CHANGED, PLEASE CORRECT THE ADDRESS IN THE SPACE PROVIDED BELOW AND RETURN THIS PORTION WITH THE PROXY IN THE ENVELOPE PROVIDED.

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