

UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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MODERNA THERAPEUTICS, INC.,  
Petitioner,

v.

PROTIVA BIOTHERAPEUTICS, INC.,  
Patent Owner.

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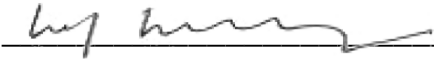
Case IPR2018-00739  
Patent No. 9,364,435

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**PATENT OWNER PROTIVA BIOTHERAPEUTICS, INC.'S  
POWER OF ATTORNEY**

Pursuant to 37 C.F.R. § 42.10(b), Patent Owner Protiva Biotherapeutics, Inc. hereby appoints the following practitioners as its attorneys to transact all business in the United States Patent & Trademark Office associated with a petition for *inter partes* review of U.S. Patent No. 9,364,435:

| Back-Up Counsel  | Back-Up Counsel  |
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| Edward R. Reines<br><i>Pro hac vice</i> pending<br>Weil, Gotshal & Manges LLP<br>201 Redwood Shores Parkway<br>Redwood Shores, CA 94065<br>Tel.: 650-802-3022<br>Email: Edward.reines@weil.com | Derek C. Walter<br>USPTO Reg. No. 74,656<br>Weil, Gotshal & Manges LLP<br>201 Redwood Shores Parkway<br>Redwood Shores, CA 94065<br>Tel.: 650-802-3934<br>Email: derek.walter@weil.com |

By:   
For: Patent Owner Protiva Biotherapeutics, Inc.  
Name: Mark Murray  
Title: President and CEO of Arbutus Biopharma Corporation  
Date: May 30, 2018