

Filed on behalf of: Protiva Biotherapeutics, Inc.
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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MODERNA THERAPEUTICS, INC.,
Petitioner,

v.

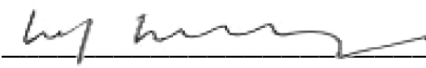
PROTIVA BIOTHERAPEUTICS, INC.,
Patent Owner.

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

**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 practitioners associated with Wilson Sonsini Goodrich & Rosati, Customer Number 21971, including the following lead and back-up counsels, 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:

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By: 
 For: Patent Owner Protiva Biotherapeutics, Inc.
 Name: Mark Murray
 Title: President and CEO of Arbutus Biopharma Corporation
 Date: March 13, 2018