

Submitted via EFS

PATENT COOPERATION TREATY

In Re PCT Application of:

SANGAMO BIOSCIENCES, INC.

International Application No.: PCT/US2013/022758

International Filing Date: 23 January 2013

Title: METHODS AND COMPOSITIONS FOR GENE EDITING OF A PATHOGEN

Mail Stop PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**RESPONSE TO INVITATION TO FURNISH NUCLEOTIDE
AND/OR AMINO ACID SEQUENCE LISTING**

In response to the Invitation to Furnish Nucleotide and/or Amino Acid Sequence Listing mailed February 19, 2013, transmitted herewith are:

- [X] A nucleotide and/or amino acid sequence listing in written form complying with the standard provided for in Annex C of the Administrative Instructions. (14 pages)

The information contained in the nucleotide and/or amino acid sequence listing does not go beyond the disclosure in the international application as filed.
- [X] A nucleotide and/or amino acid sequence listing in computer readable form complying with the standard provided for in Annex C of the Administrative Instructions:
 - [X] .txt copy of Sequence ListingThe information recorded in computer readable form is identical to the written sequence listing.

Respectfully submitted,

Date: March 9, 2013

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SEQUENCE LISTING

<110> SANGAMO BIOSCIENCES, INC.

<120> METHODS AND COMPOSITIONS FOR GENE EDITING OF A PATHOGEN

<130> 8325-0093.40

<140> PCT/US2013/022758

<141> 2013-01-23

<150> 61/692,182

<151> 2012-08-22

<150> 61/589,734

<151> 2012-01-23

<160> 55

<170> PatentIn version 3.5

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<210> 23
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<210> 24
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<212> DNA

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<210> 27

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<210> 28

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<212> DNA

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<212> DNA

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<210> 36

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<210> 37

<211> 21

<212> DNA

<213> Artificial Sequence

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<210> 38
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<210> 39
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<210> 40
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<211> 39
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<210> 43
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<210> 44
<211> 35
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<210> 50
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Cys Val Ile Glu Lys Ile
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<210> 52
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<210> 54
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Cys Val Ile Glu Ile Ile
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<210> 55
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<220>
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