



# Macrogen

has successfully completed certification for

## HiSeq 2500

provided by Illumina, Inc.

Certificate issue date: May 10, 2019

Signed: 

Stephen Rawluk

Education & Certification Services

Illumina



certified™

# Macrogen

has successfully completed certification for

## HiSeq 4000

provided by Illumina, Inc.

Certificate issue date: May 10, 2019

Signed: *Stephen Rawluk*

Stephen Rawluk

Education & Certification Services

Illumina



certified™

# Macrogen

has successfully completed certification for

## Infinium

provided by Illumina, Inc.

Certificate issue date: **May 10, 2019**

Signed: *Stephen Rawluk*

Stephen Rawluk

Education & Certification Services



# Macrogen, Inc.

has successfully completed certification for:

## Sequencing

provided by Illumina, Inc.

Effective Date: **December 2010**

Signed: \_\_\_\_\_

A handwritten signature in black ink, appearing to read "CH", is written over a horizontal line.

**Christian Henry**

Senior Vice President, Chief Commercial Officer