

Liège, January 30, 2019

The whom it may concern,

I the undersigned hereby certify that we received 26 bovine blood samples from the region of Aysén, Chile, sent by Prof. Oscar Ignacio Cabezas from the Faculty of Veterinary Sciences, Department of Clinical Sciences, of the University of Concepción.

From these samples, Bovine Viral Diarrhea virus RNA could be retrieved from 12 samples, permitting the genotyping of the strains based on the 5' UTR region. The following genotypes were detected: 1b (3 samples), 1d (1 sample) and 1e (8 samples). The results are part of the 16BPER67028 CORFO project (Chile, October 2018).

Sincerely,

A handwritten signature in blue ink, appearing to read 'M. Garigliany', with several overlapping loops and strokes.

Professor Mutien Garigliany
DVM, PhD, Dipl. ECVF
Head of the Department of Pathology