PCR Kit Quality Control Certificate

Pathogen
Tenacibaculum maritimum

Table 1: Concentration in ng/µL of the sample control and its dilutions.

	1	2	3	4	5	6	7
	$1x10^{-1}$	$1x10^{-2}$	$1x10^{-3}$	$1x10^{-4}$	$1x10^{-5}$	$1x10^{-6}$	$1x10^{-7}$
N° of copies	$1x10^{7}$	$1x10^{6}$	$1x10^{5}$	$1x10^{4}$	$1x10^{3}$	$1x10^{2}$	$1x10^{1}$

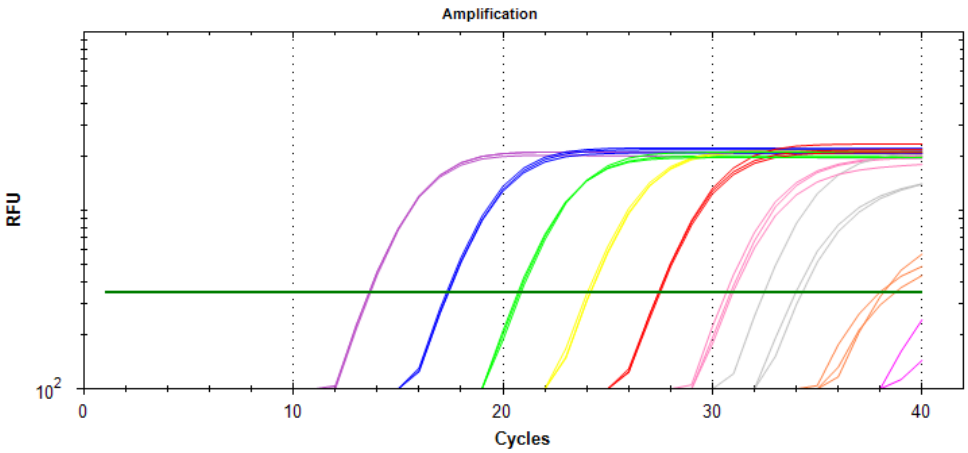

Figure 1: Logarithmic amplification curves for Tenacibaculum maritimum

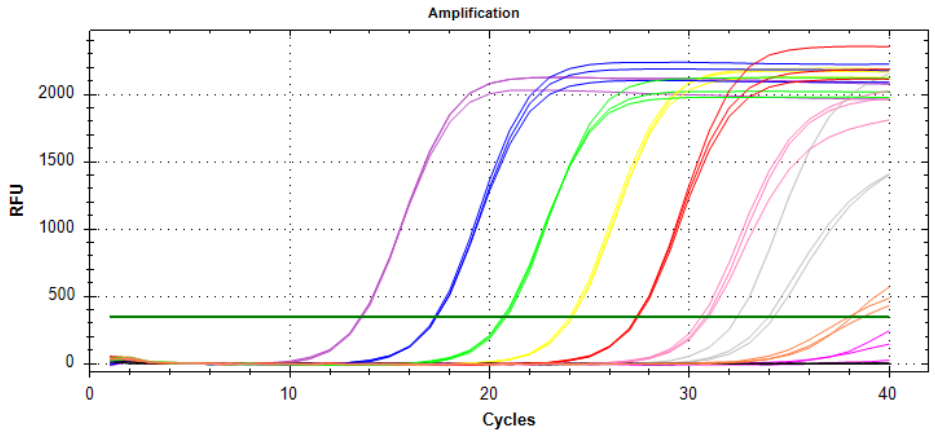

Figure 2: Standard amplification curves for Tenacibaculum maritimum

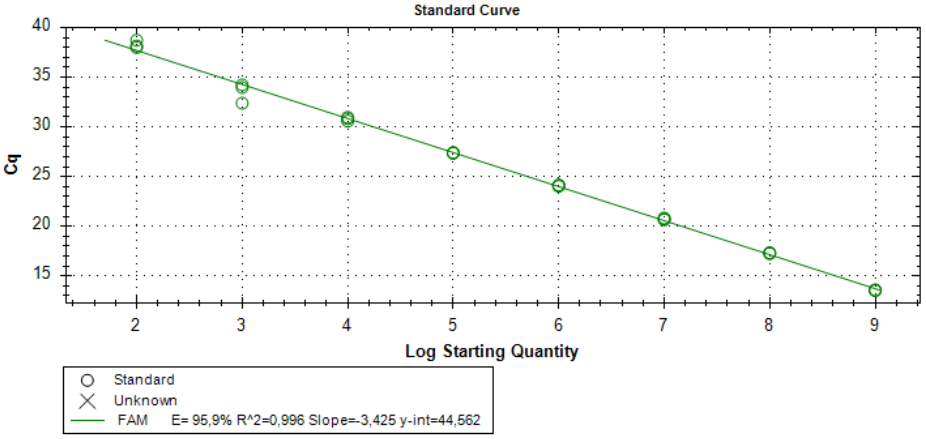

Figure 3: Standard curve for Tenacibaculum maritimum

Summary of Ct values

Table 2: Ct values obtained for each dilution of the sample control.

Target Name	Sample Name	Reporter	Ct values
Tenacibaculum maritimum	**1**	**FAM**	**13,55**
	2	**FAM**	**17,32**
	3	**FAM**	**20,84**
	4	**FAM**	**24,15**
	5	**FAM**	**27,37**
	6	**FAM**	**30,97**
	7	**FAM**	**32,4**
	Negative Control	**FAM**	Undetermined

Certificate validated by:

BQ. Benjamín Catalán - BQ. Rodrigo Iturra Barra

Quality Control Managers