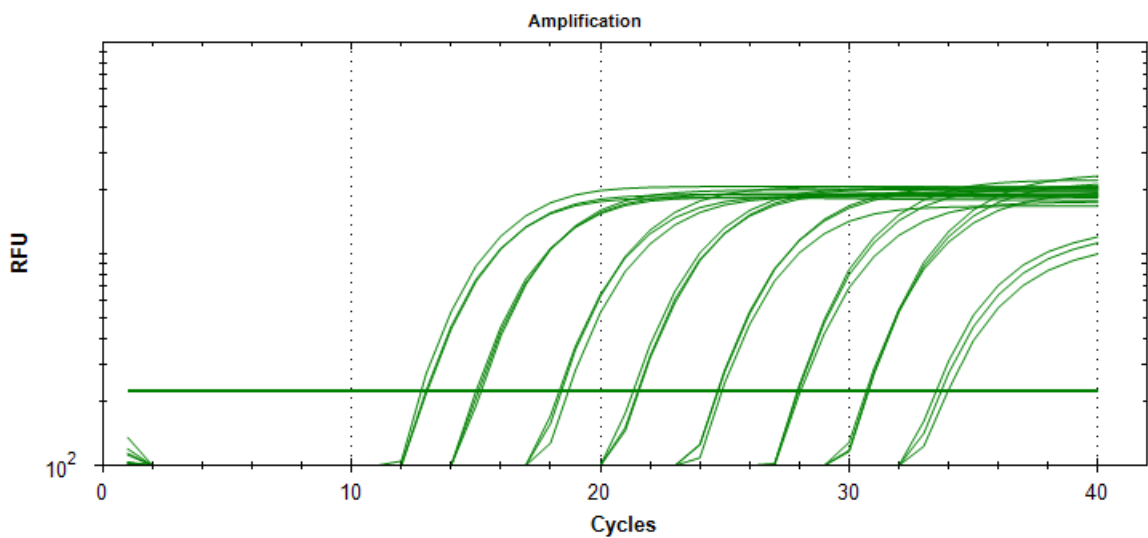


PCR Kit Quality Control Certificate

Gene
<i>aac(6')-Ib</i>

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

	1	2	3	4	5	6	7	8	9
	1×10^{-1}	1×10^{-2}	1×10^{-3}	1×10^{-4}	1×10^{-5}	1×10^{-6}	1×10^{-7}	1×10^{-8}	1×10^{-9}
N° of copies	1×10^8	1×10^7	1×10^6	1×10^5	1×10^4	1×10^3	1×10^2	1×10^1	1×10^0



*Figure 1: Logarithmic amplification curves for *aac(6')-Ib**

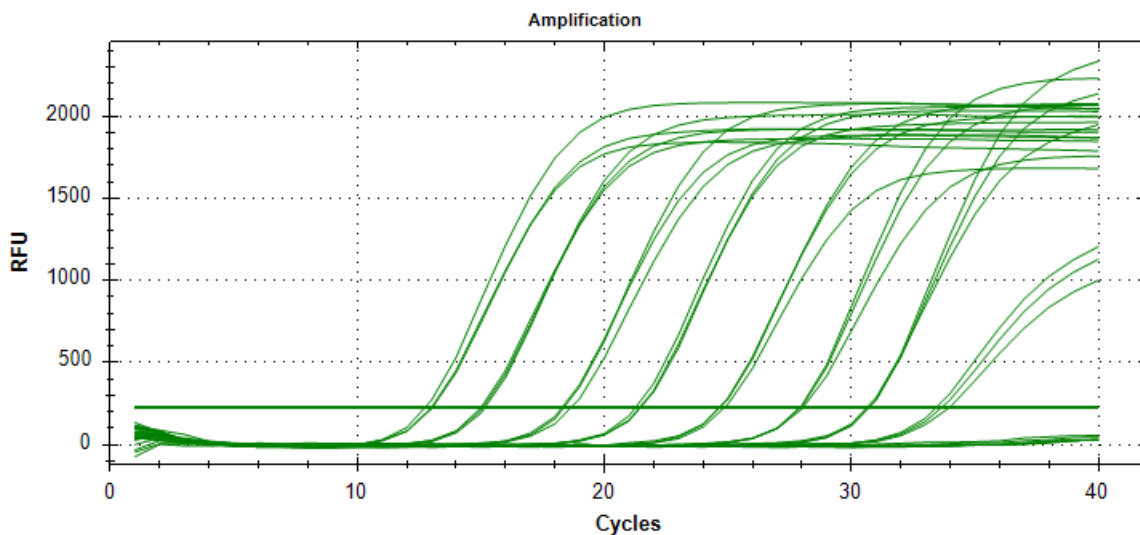


Figure 2: Standard amplification curves for *aac(6')-Ib*

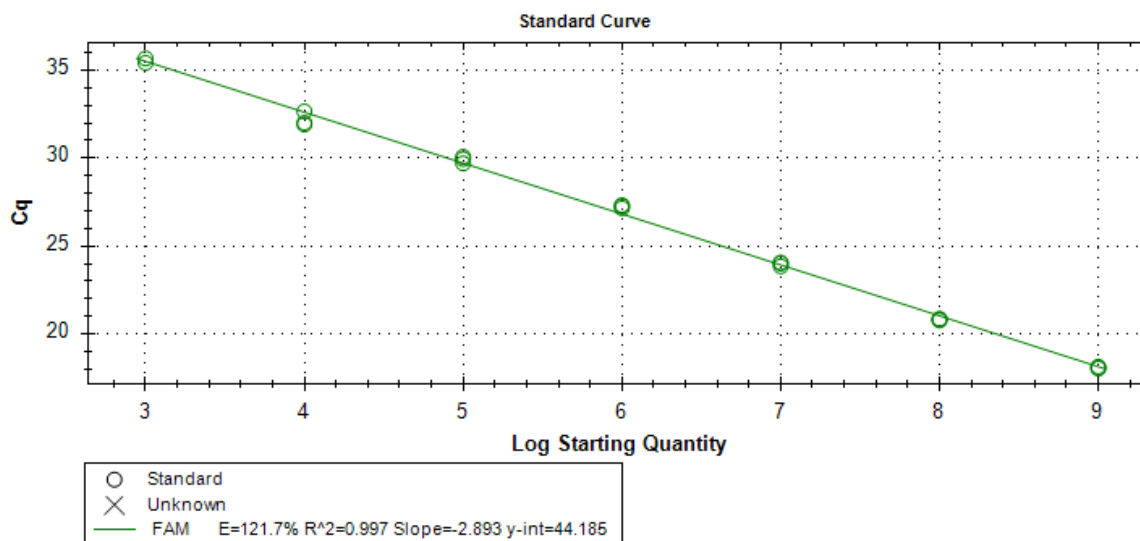


Figure 3: Standard curve for *aac(6')-Ib*

Gene
<i>aph(3')-Ia</i>

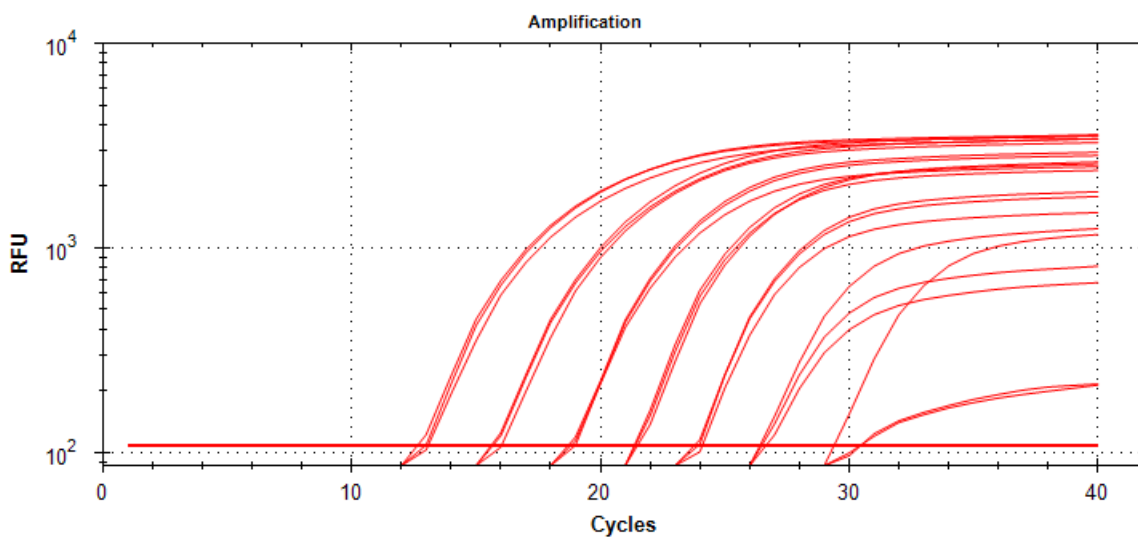


Figure 4: Logarithmic amplification curves for *aph(3')-Ia*

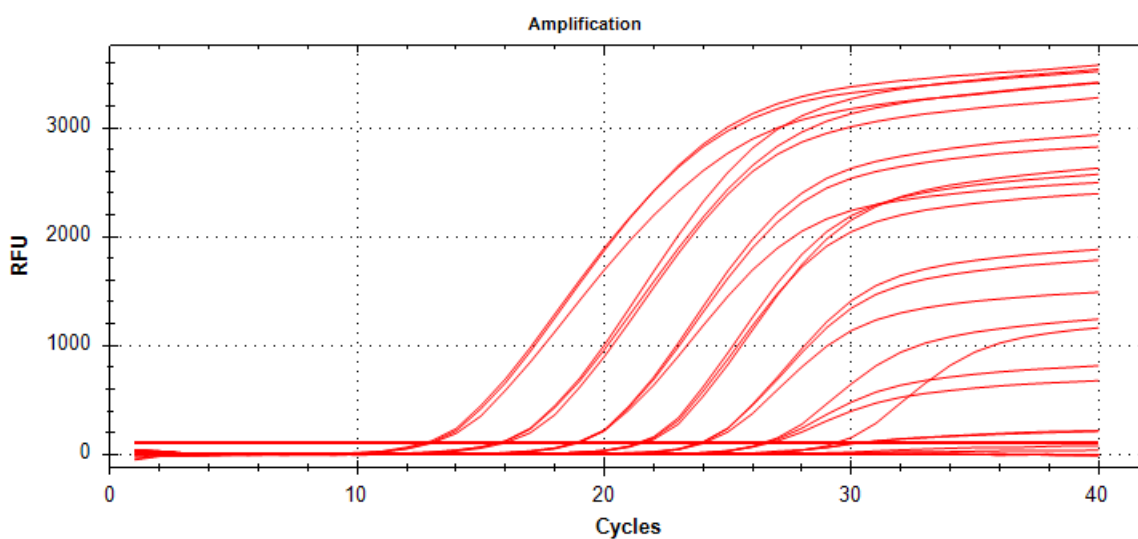


Figure 5: Standard amplification curves for *aph(3')-Ia*

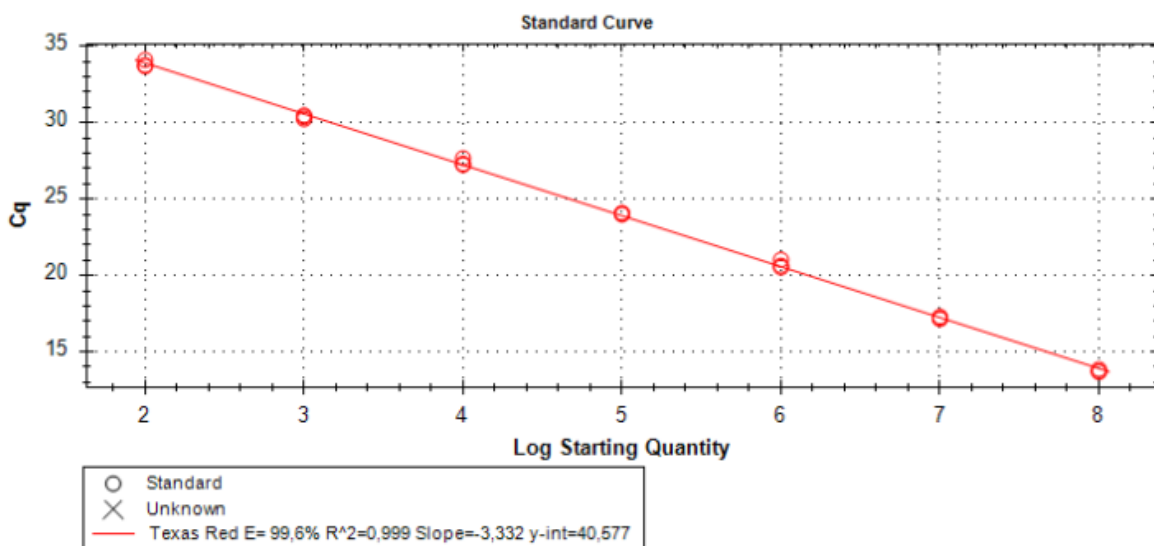


Figure 6: Standard curve for *aph(3')-Ia*

Gene
<i>armA</i>

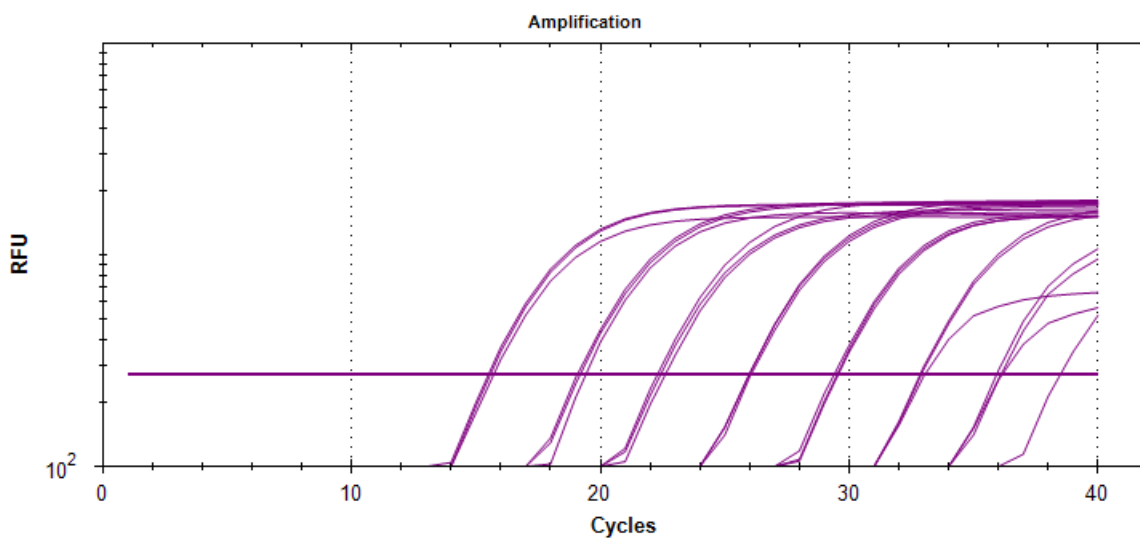


Figure 7: Logarithmic amplification curves for armA

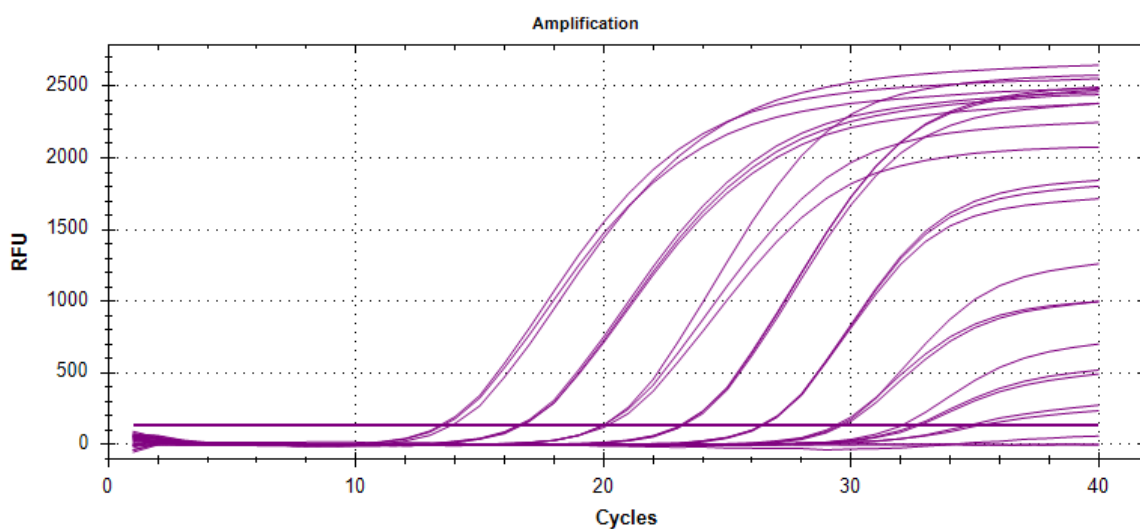


Figure 8: Standard amplification curves for armA

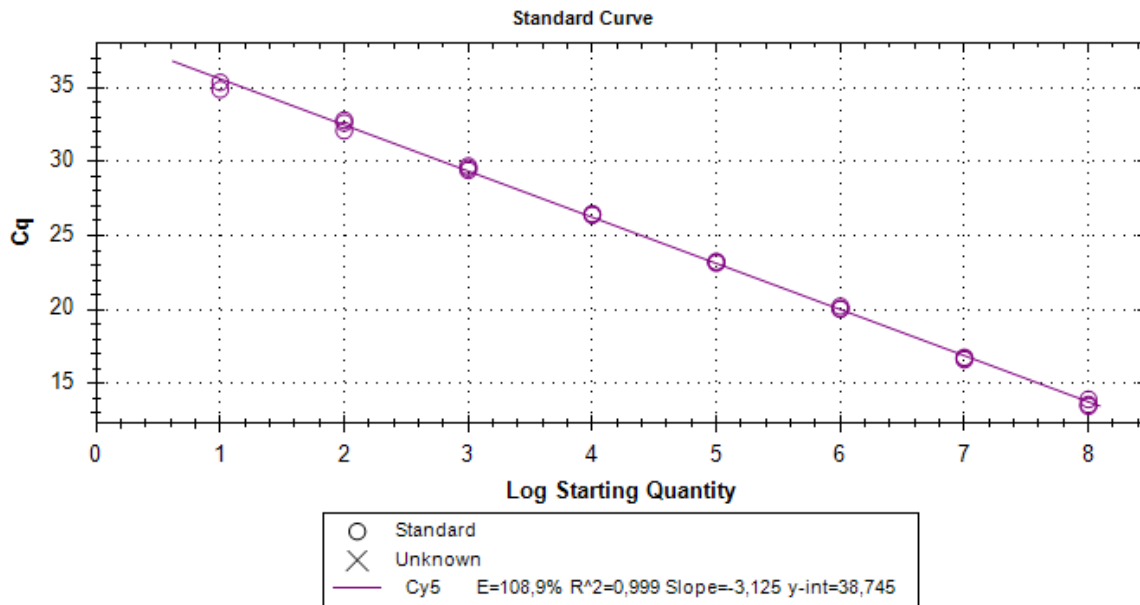


Figure 9: Standard curve for *armA*

Gene
<i>rmtB</i>

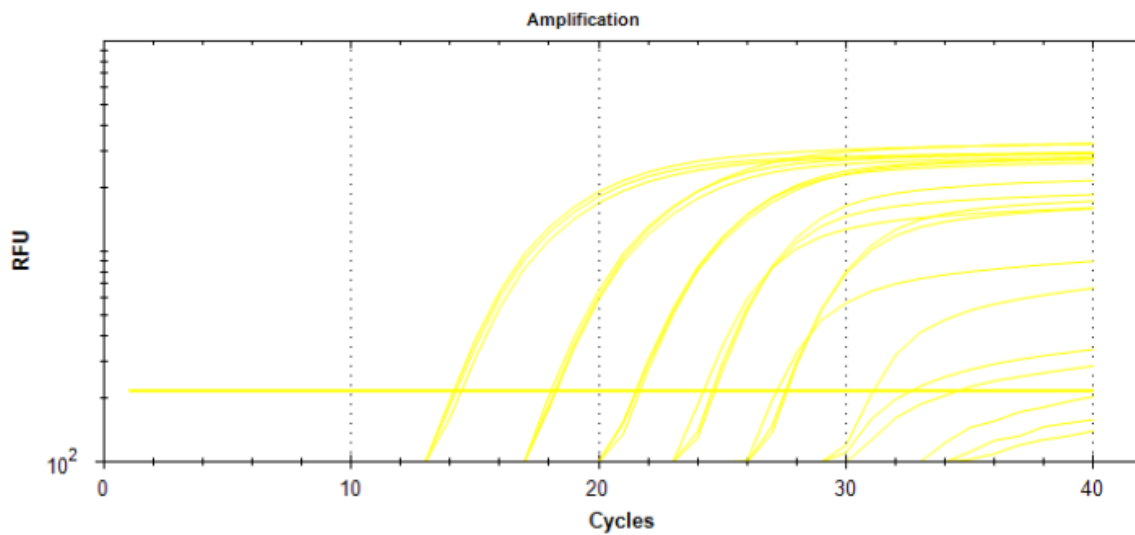


Figure 10: Logarithmic amplification curves for *rmtB*

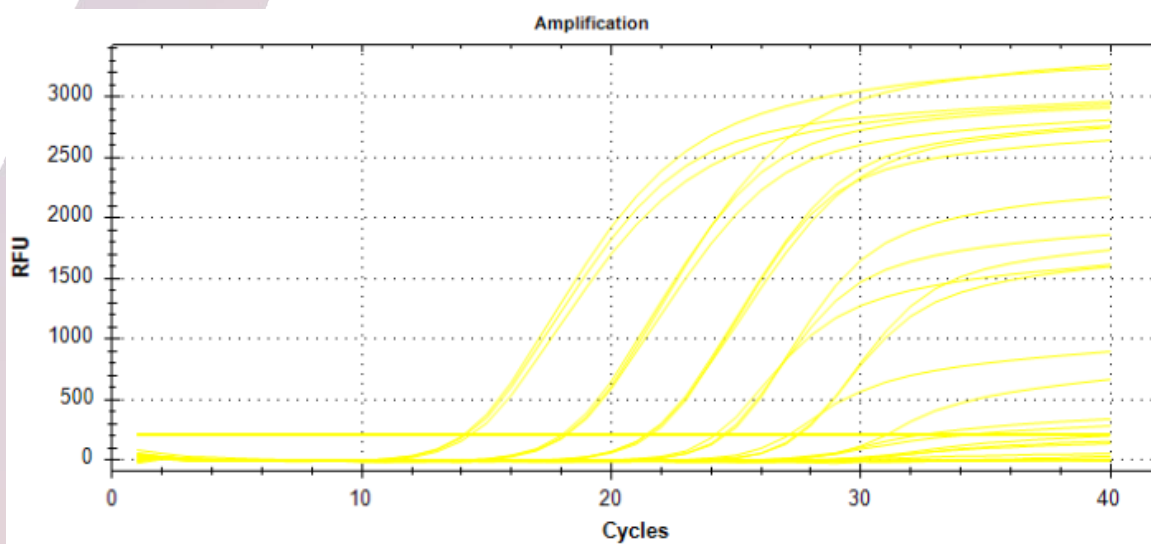


Figure 11: Standard amplification curves for *rmtB*

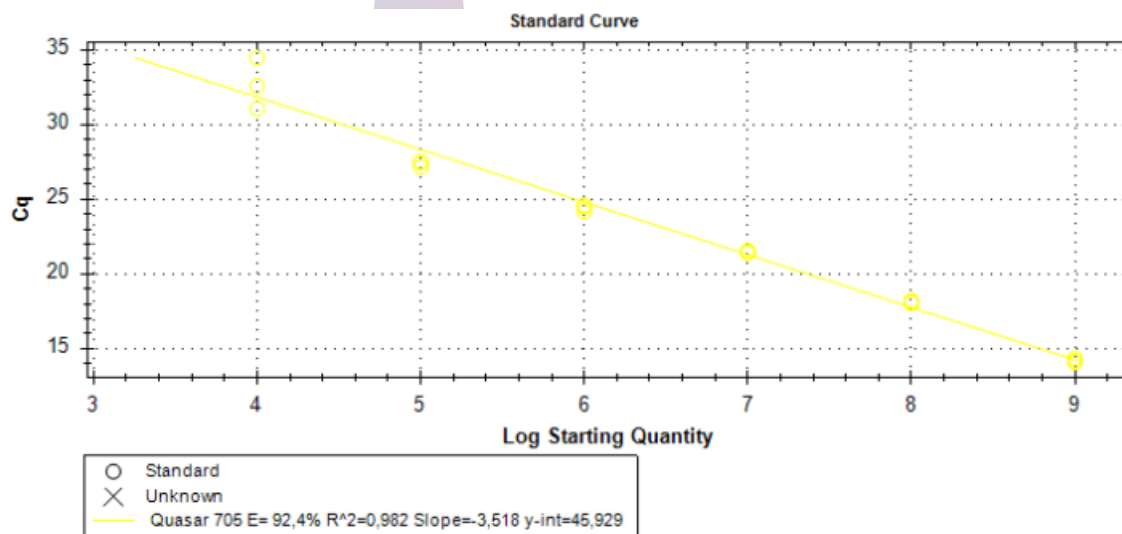


Figure 12: Standard curve for *rmtB*

Summary of Ct values

The following table details the Ct values obtained for each sample and fluorophore of each kit of the order.

Target Name	Sample Name	Reporter	Ct values
<i>aac(6')-Ib</i>	1	FAM	14,24
	2	FAM	16,25
	3	FAM	20,46
	4	FAM	23,86
	5	FAM	26,13
	6	FAM	30,78
	7	FAM	32,26
	8	FAM	34,32
	Negative Control	FAM	Undetermined

<i>aph(3')-Ia</i>	1	ROX	14,17
	2	ROX	16,25
	3	ROX	22,19
	4	ROX	23,32
	5	ROX	26,56
	6	ROX	28,74
	7	ROX	32,33
	8	ROX	-
	Negative Control	ROX	Undetermined

Target Name	Sample Name	Reporter	Ct values
<i>armA</i>	1	CY5	13,51
	2	CY5	15,22
	3	CY5	21,75
	4	CY5	24,85
	5	CY5	26,93
	6	CY5	31,26
	7	CY5	34,98
	8	CY5	36,28
	Negative Control	CY5	Undetermined

<i>rmtB</i>	1	CY5.5	13,84
	2	CY5.5	17,65
	3	CY5.5	22,72
	4	CY5.5	24,11
	5	CY5.5	27,51
	6	CY5.5	29,54
	7	CY5.5	32,26
	8	CY5.5	33,31
	Negative Control	CY5.5	Undetermined