



TaqMan RT-PCR Results

Client: Kaprikorn

Order: KAP98

Target pathogen: Hop Latent Viroid

17 July 2026

Hop Latent Viroid

Order details:

Client: Kaprikorn

Target Pathogen: Hop Latent Viroid

Date Sampled: 07/15/2026

Date Received: 07/16/2026

Date Reported: 07/17/2026

Total samples: 69

NUMBER SAMPLES INFECTED: 0

Results interpretation:

C_T (cycle threshold) - number of PCR cycles to detect the target. Lower indicates more pathogen in sample.

Control - Amplification of cannabis control gene. Less than 35 cycles indicates an acceptable sample quality and robust PCR amplification. Above 35 cycles indicates poor sample quality.

FRESH: <24 - 27 C_T
EXCELLENT: 27 - 30 C_T
GREAT: 30 - 32 C_T
OKAY: 32 - 35 C_T
FAIL: >35 C_T
HLVd - Detection C_T and relative amount of HLVd in the sample:

HIGH: <15 - 20 C_T
MEDIUM: 21 - 28 C_T
LOW: 29 - <35 C_T
INCONCLUSIVE: >35 C_T

Sample	Control	HLVd	HLVd Status	Sample Tested
HLVd Control	-	24.34	+	-
Acai Gelato 48862	30.09	-	-	Root
Acai Gelato 48863	29.39	-	-	Root
Acai Gelato 48864	29.64	-	-	Root
Acai Gelato 48865	29.1	-	-	Root
Acai Gelato 48866	28.83	-	-	Root
Acai Gelato 48867	29.14	-	-	Root
Bank Roll 48798	29.3	-	-	Root
Bank Roll 48799	28.82	-	-	Root
Bank Roll 48800	29.11	-	-	Root
Bank Roll 48801	28.37	-	-	Root
Blue Guava 48814	29.3	-	-	Root
Blue Guava 48815	27.18	-	-	Root
Blue Guava 48816	29.56	-	-	Root
Blue Guava 48817	29.59	-	-	Root
Boba Spice 48810	29.55	-	-	Root
Boba Spice 48811	29.24	-	-	Root
Boba Spice 48812	28.73	-	-	Root

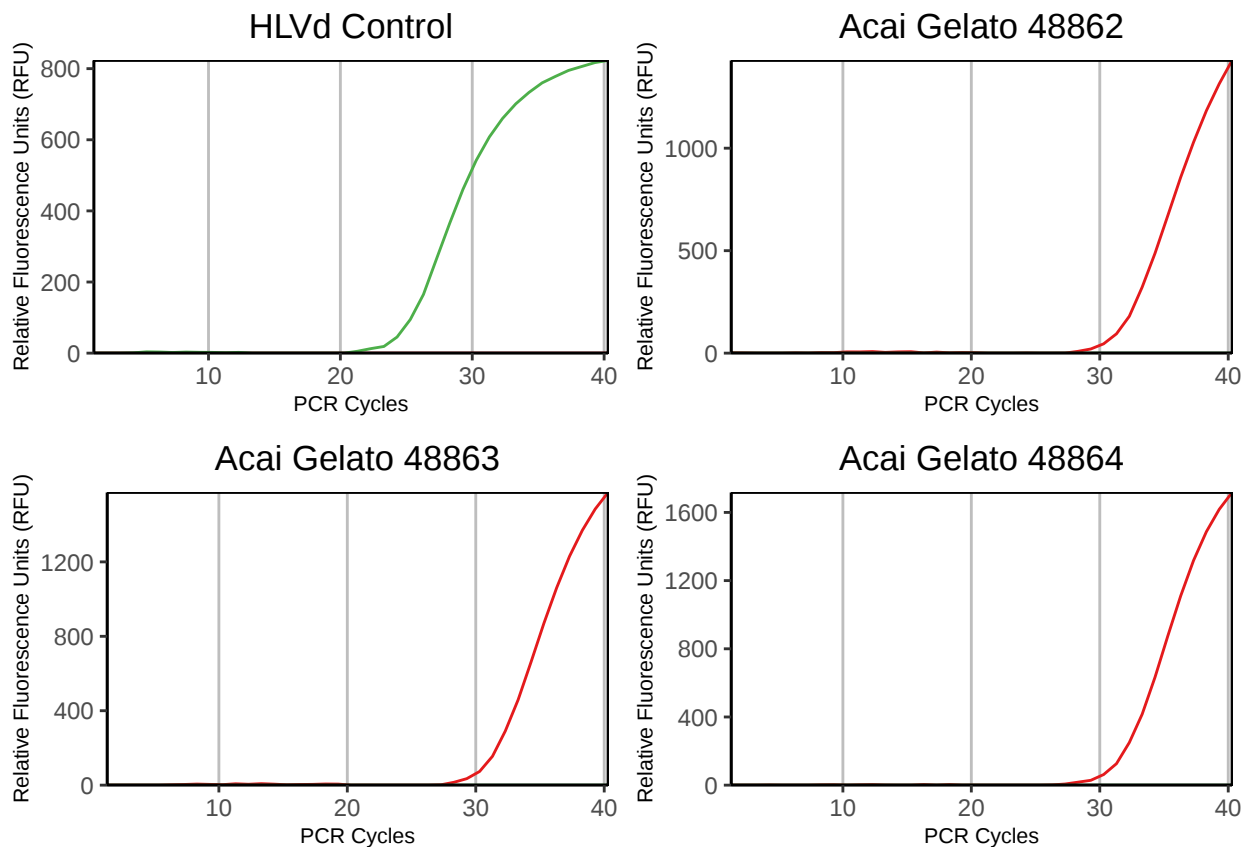
Hop Latent Viroid

Sample	Control	HLVd	HLVd Status	Sample Tested
Boba Spice 48813	28.14	-	-	Root
Facade 48834	28.23	-	-	Root
Facade 48835	28.02	-	-	Root
Facade 48836	28.57	-	-	Root
Facade 48837	28.56	-	-	Root
Headlights 48842	28.01	-	-	Root
Headlights 48843	28.22	-	-	Root
Headlights 48844	28.64	-	-	Root
Headlights 48845	28.11	-	-	Root
Honey Banana 48846	29.37	-	-	Root
Honey Banana 48847	29.09	-	-	Root
Honey Banana 48848	29.03	-	-	Root
Lemon Cherry Gelato 48849	29.25	-	-	Root
Lemon Cherry Gelato 48850	29.03	-	-	Root
Lemon Cherry Gelato 48851	29.13	-	-	Root
Limonada de Mango 48802	28.73	-	-	Root
Limonada de Mango 48803	29.27	-	-	Root
Limonada de Mango 48804	28.35	-	-	Root
Limonada de Mango 48805	29.92	-	-	Root
Mule Fuel 48822	30.06	-	-	Root
Mule Fuel 48823	30.8	-	-	Root
Mule Fuel 48824	29.64	-	-	Root
Mule Fuel 48825	29.71	-	-	Root
Purple Milk 48868	30.05	-	-	Root
Purple Milk 48869	30.47	-	-	Root
Purple Milk 48870	30.72	-	-	Root
Purple Milk 48871	29.63	-	-	Root
Purple Milk 48872	29.03	-	-	Root
Purple Milk 48873	30.68	-	-	Root
Purple Milk 48874	30.26	-	-	Root
Sade 48830	28.61	-	-	Root
Sade 48831	29.54	-	-	Root
Sade 48832	29.27	-	-	Root
Sade 48833	28.5	-	-	Root
Spritzer 48826	28.4	-	-	Root
Spritzer 48827	27.94	-	-	Root
Spritzer 48828	28.1	-	-	Root
Spritzer 48829	27.75	-	-	Root
Sticky Buns 48838	28.01	-	-	Root
Sticky Buns 48839	27.53	-	-	Root
Sticky Buns 48840	27.68	-	-	Root
Sticky Buns 48841	29.16	-	-	Root
Tropical Slushie 48857	29.27	-	-	Root
Tropical Slushie 48858	29.13	-	-	Root
Tropical Slushie 48859	29.38	-	-	Root
Tropical Slushie 48860	29.49	-	-	Root
Tropical Slushie 48861	29.41	-	-	Root
Tropicanna Cherries 48852	29.96	-	-	Root
Tropicanna Cherries 48853	29.52	-	-	Root
Tropicanna Cherries 48854	30.02	-	-	Root
Tropicanna Cherries 48855	29.43	-	-	Root
Tropicanna Cherries 48856	29.85	-	-	Root

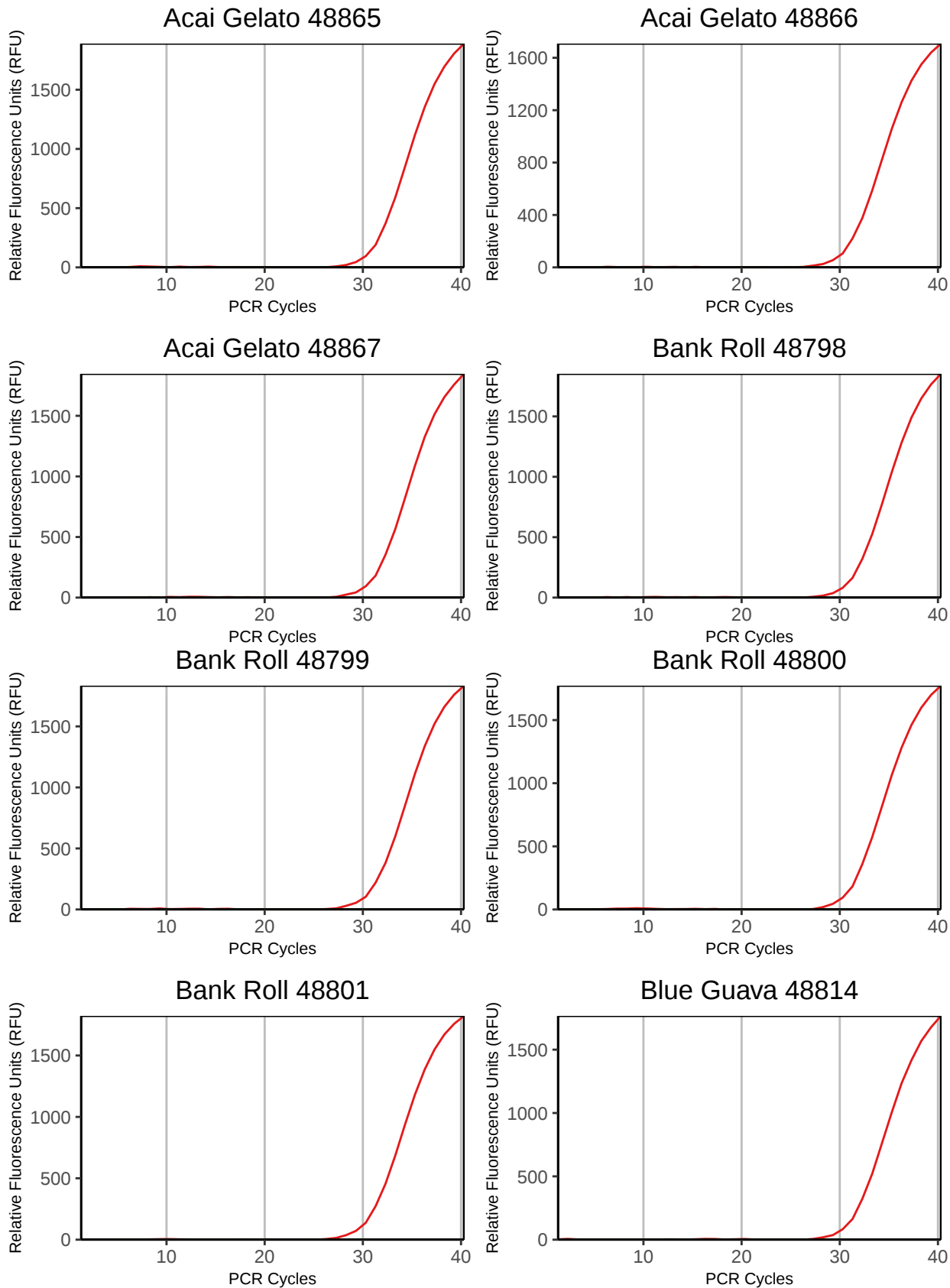
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Amplification Plots:

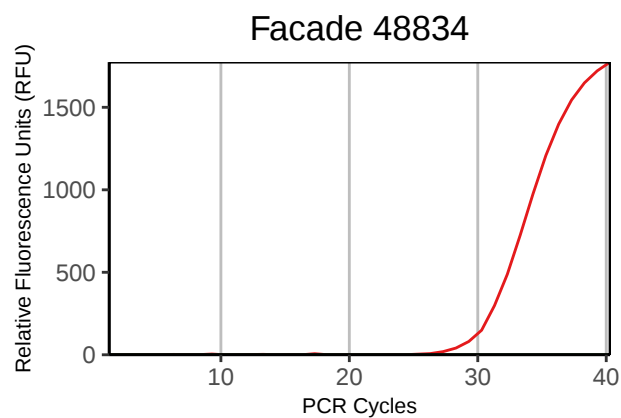
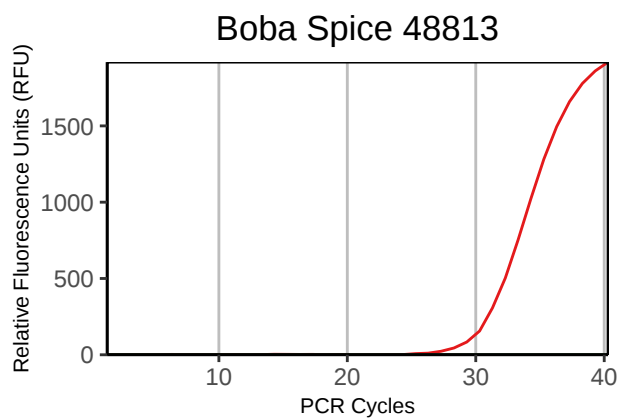
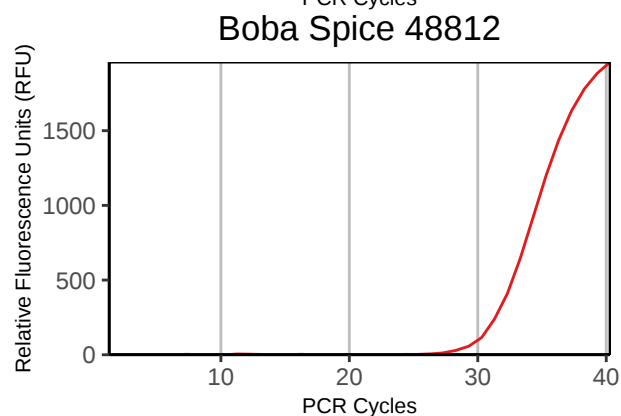
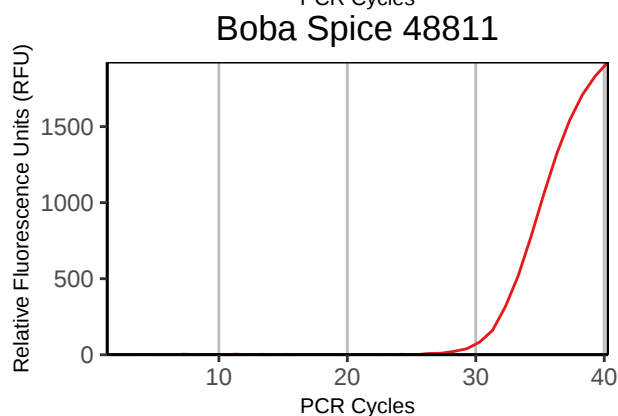
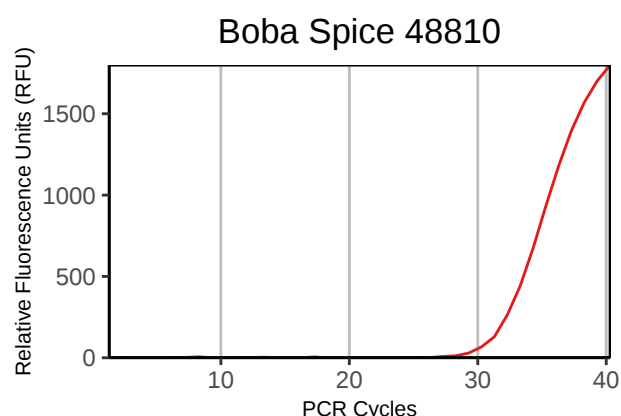
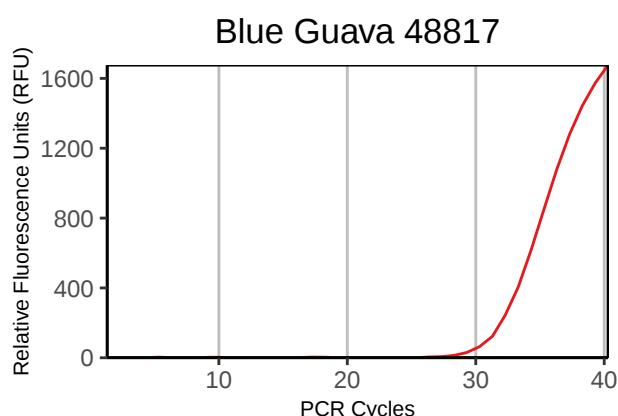
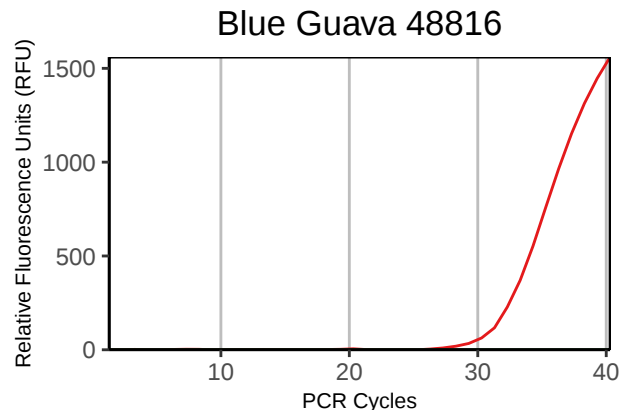
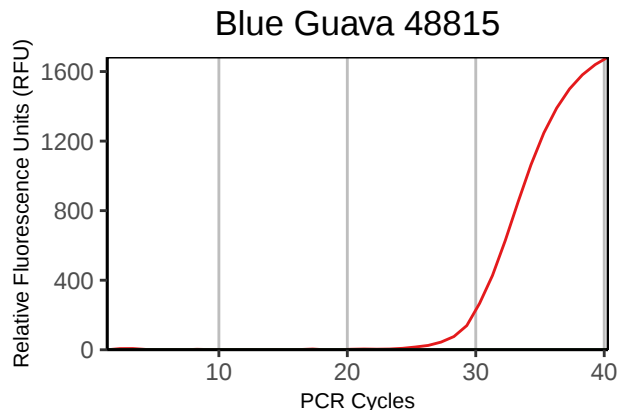
RED = Control, GREEN = HLVD



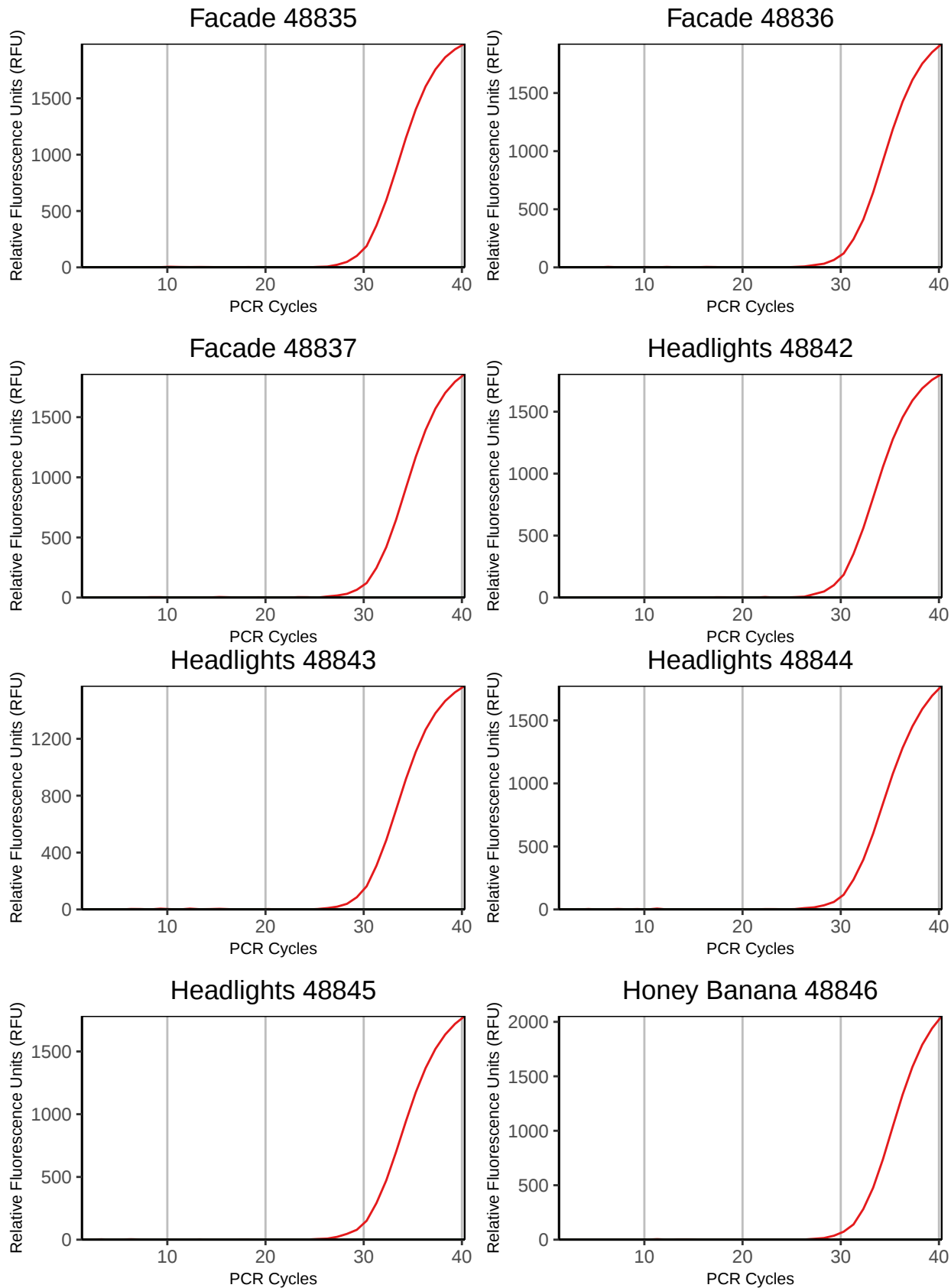
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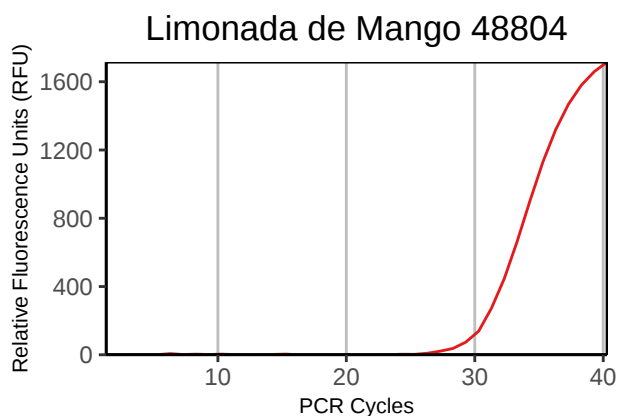
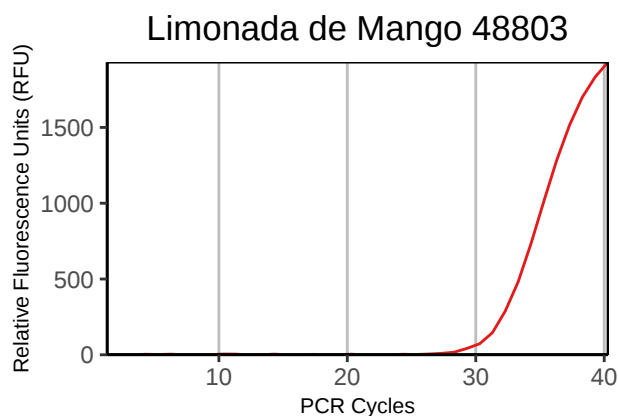
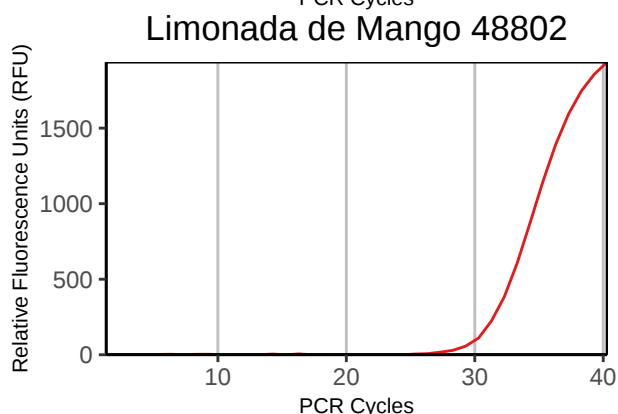
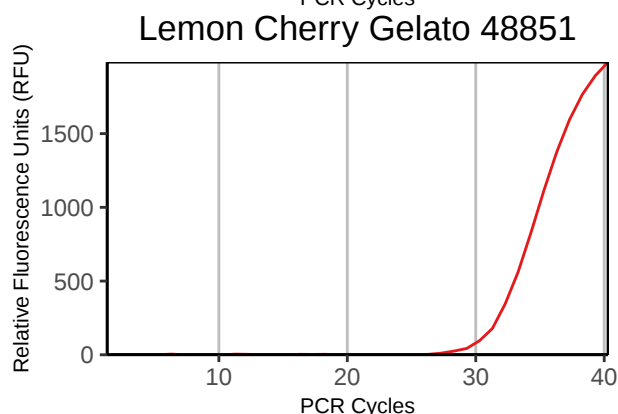
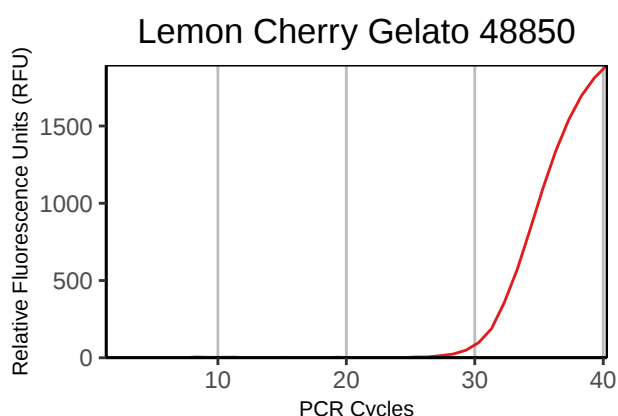
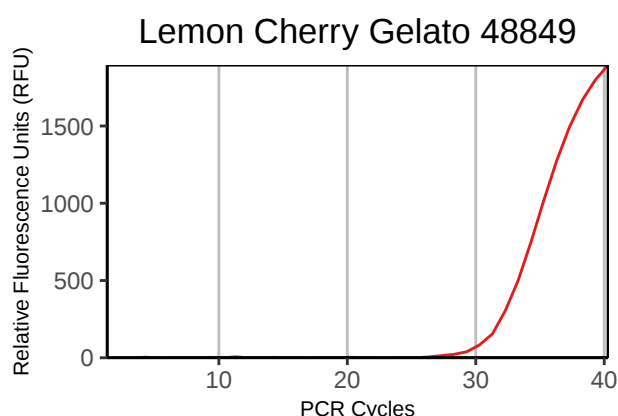
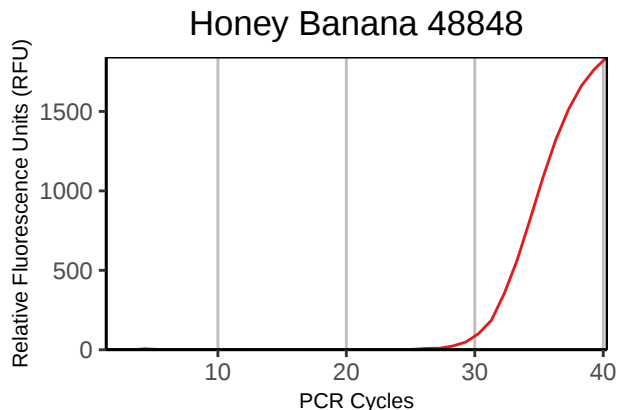
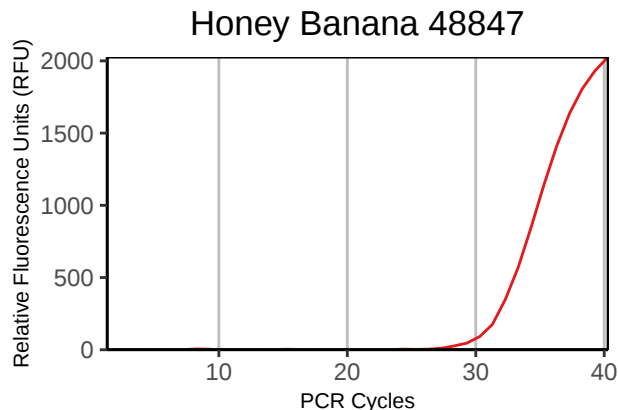
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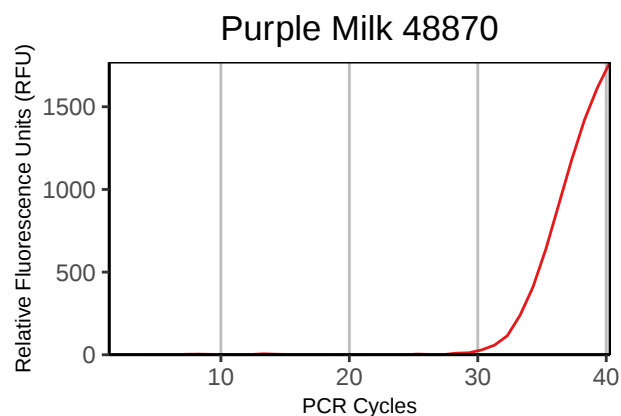
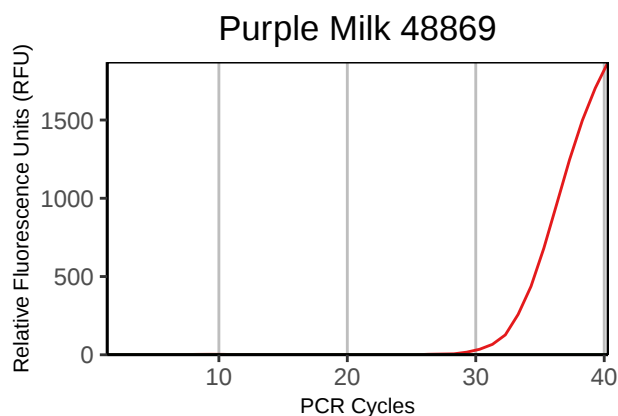
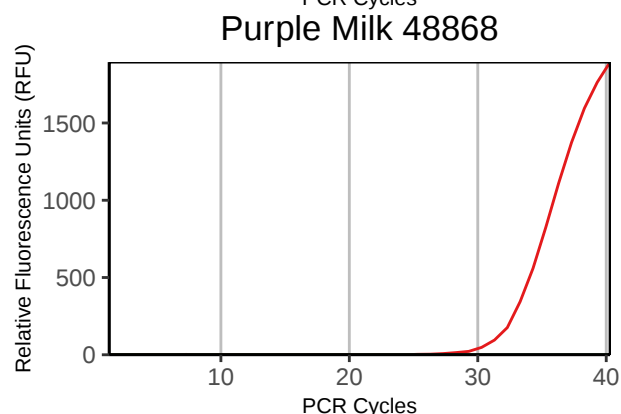
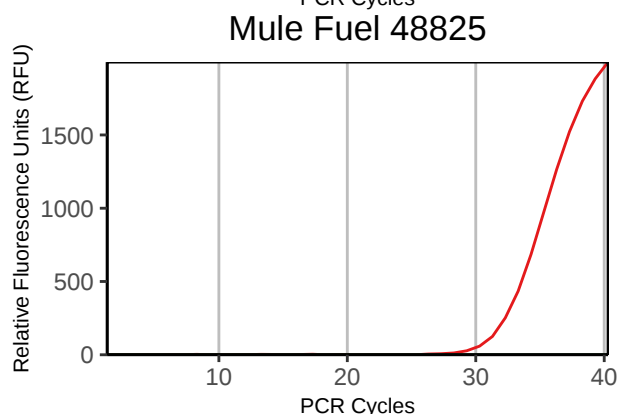
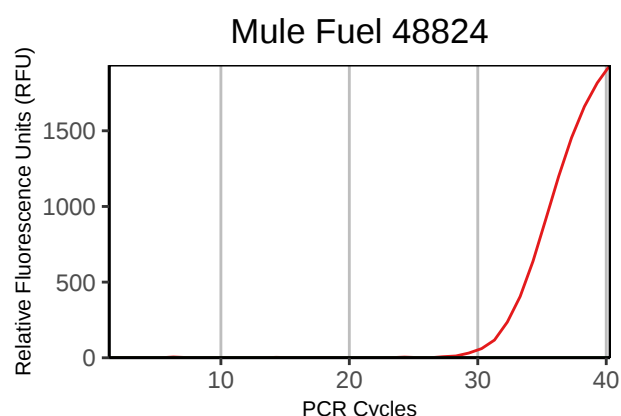
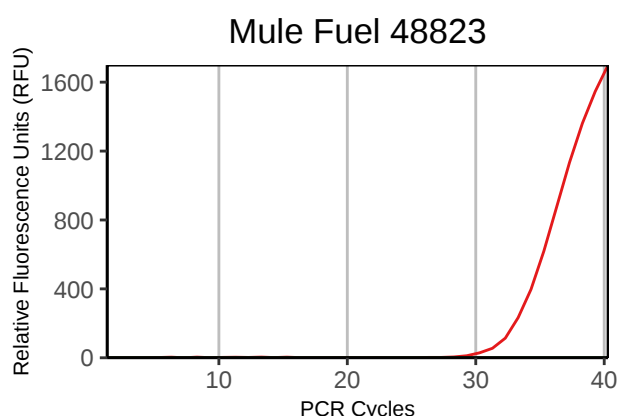
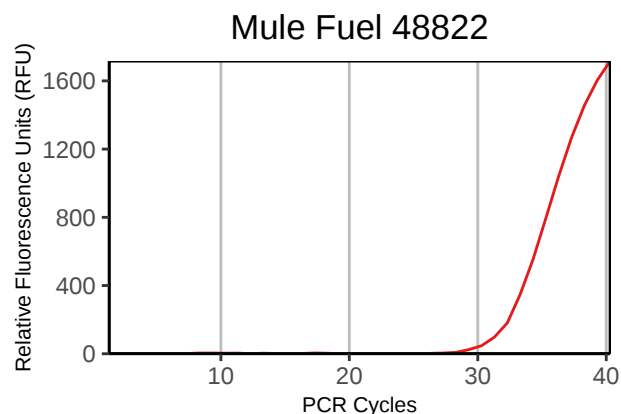
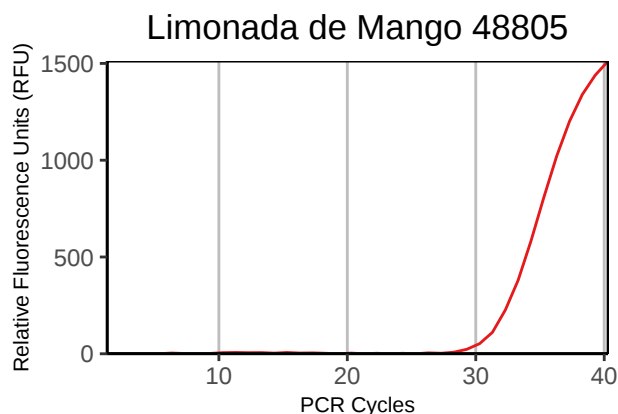
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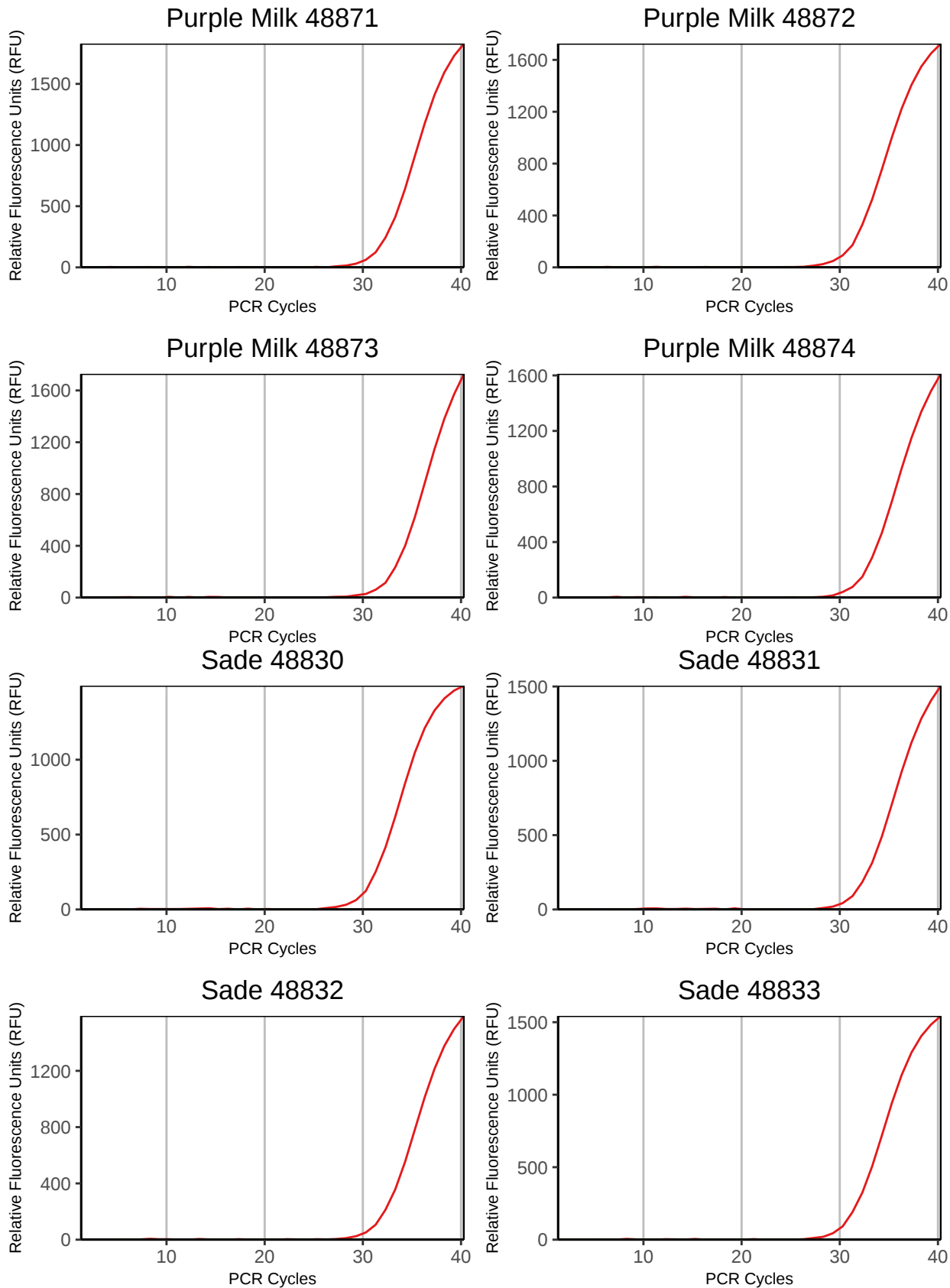
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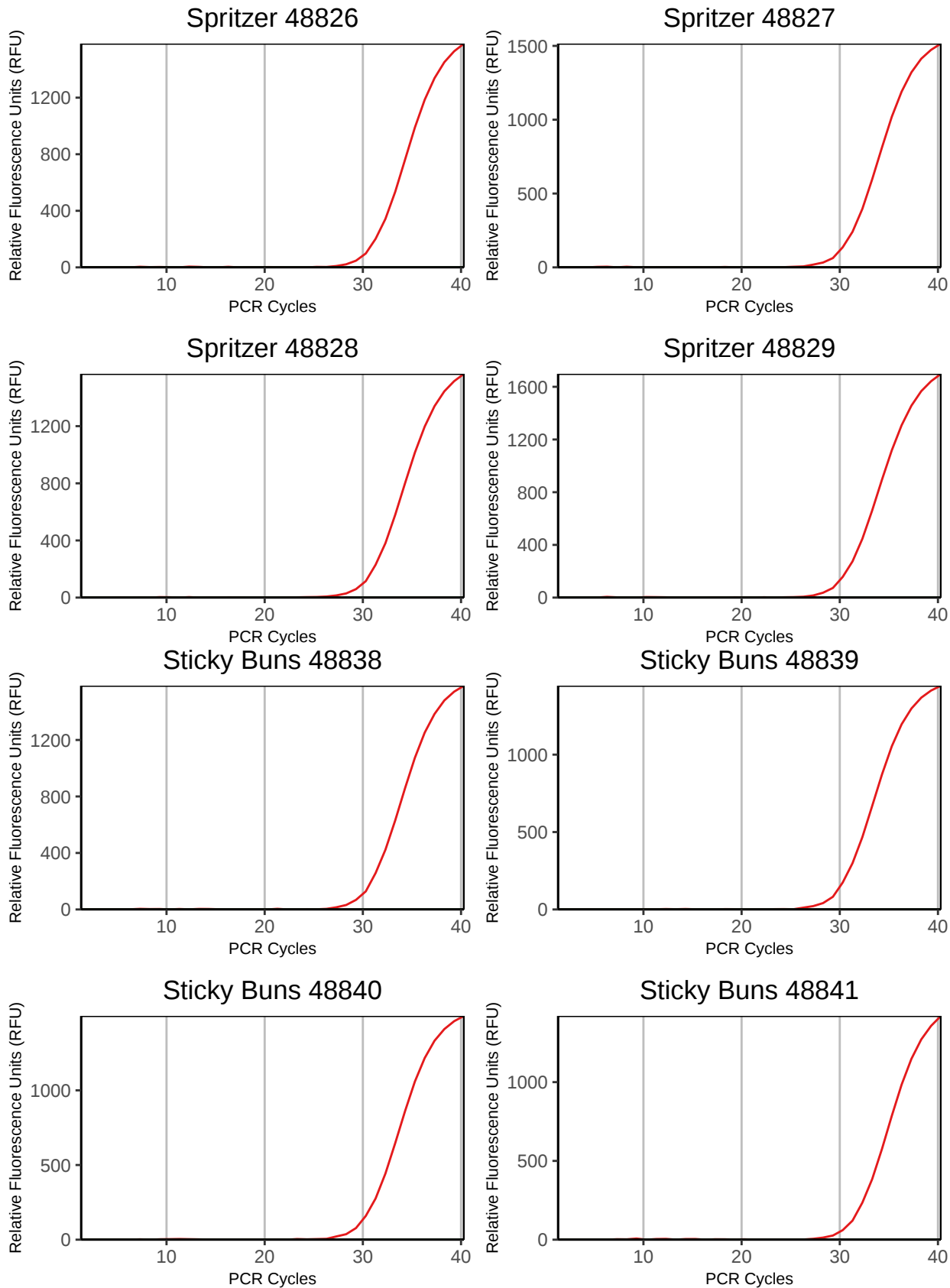
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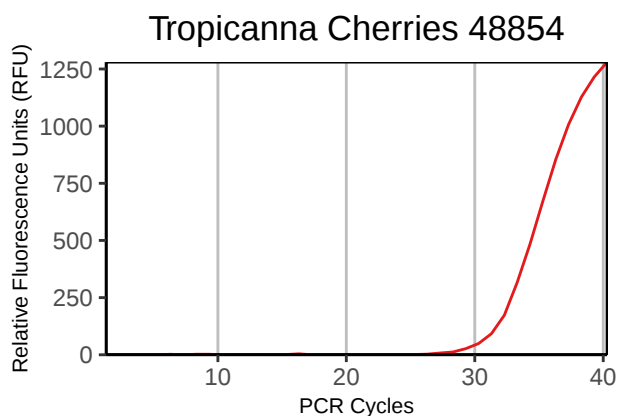
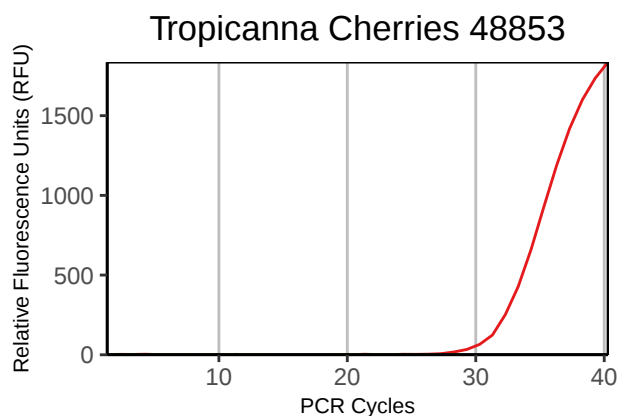
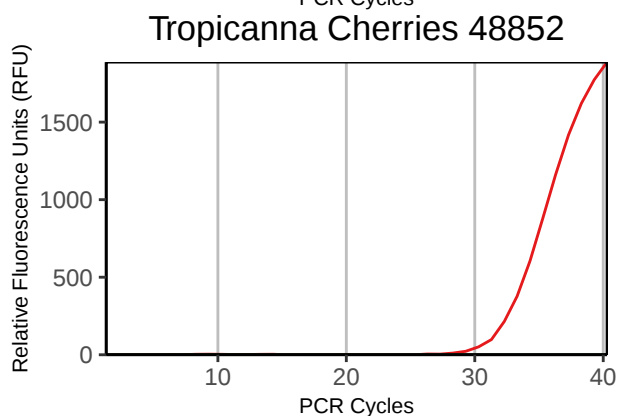
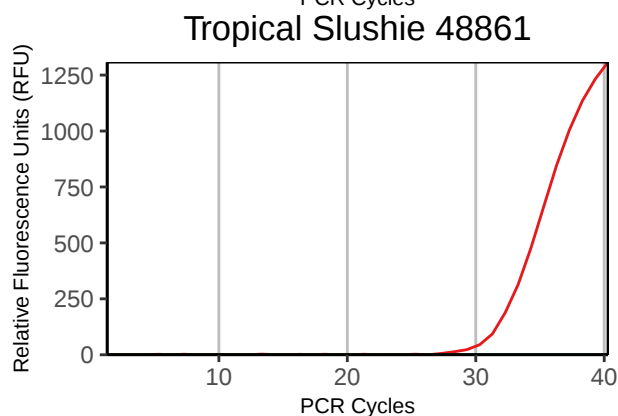
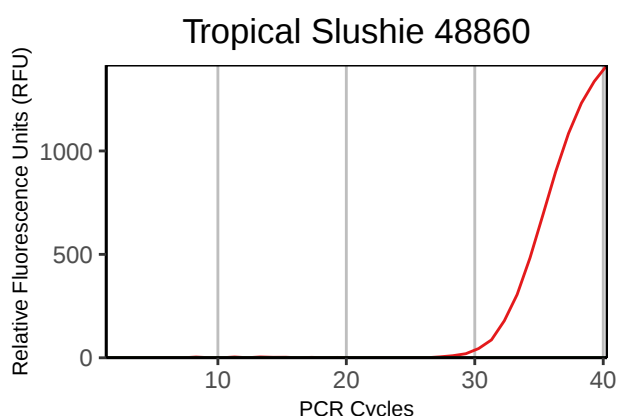
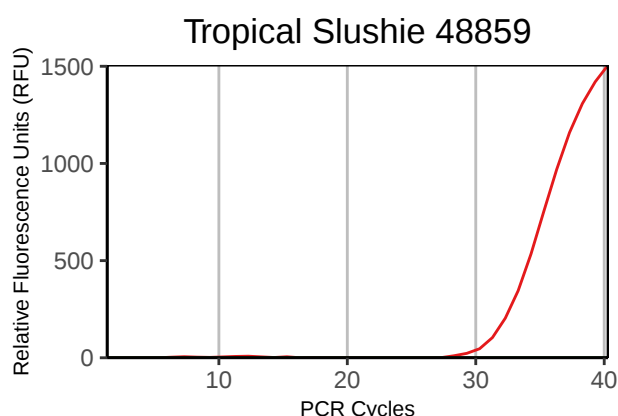
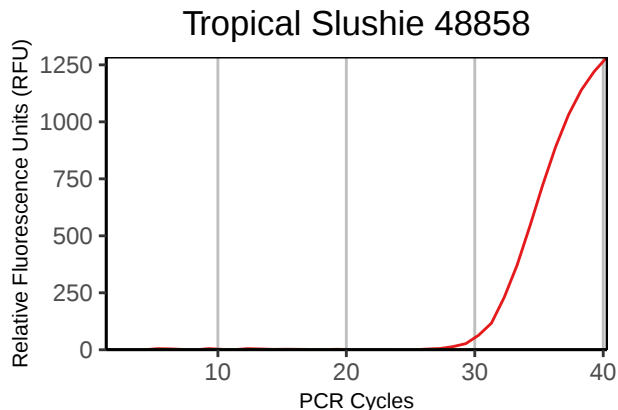
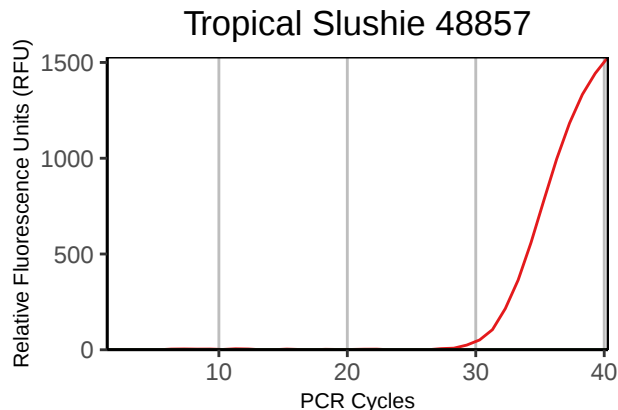
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