



TaqMan RT-PCR Results

Client: Kaprikorn

Order: KAP092

Target pathogen: Hop Latent Viroid

03 April 2026

Hop Latent Viroid

Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 04/01/2026
Date Received: 04/02/2026
Date Reported: 04/03/2026
Total samples: 30

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

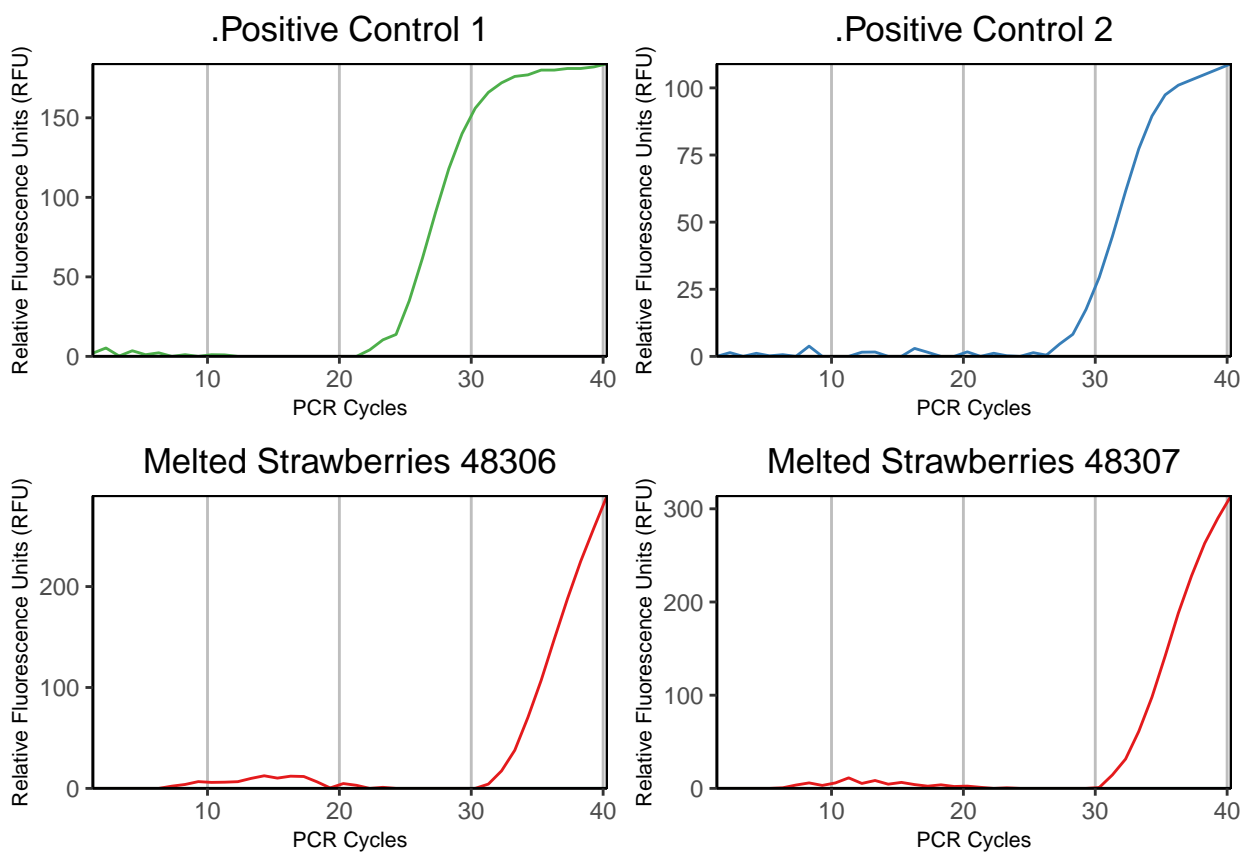
Sample	Control	HLVd #1	HLVd #2	HLVd Status	Sample Tested
.Positive Control 1	-	24.26	-	+	Root
.Positive Control 2	-	-	26.76	+	Root
Melted Strawberries 48306	31.77	-	-	-	Root
Melted Strawberries 48307	30.99	-	-	-	Root
Melted Strawberries 48308	29.3	-	-	-	Root
Melted Strawberries 48309	29.61	-	-	-	Root
Punch Breath 48375	28.73	-	-	-	Root
Punch Breath 48376	29.59	-	-	-	Root
Punch Breath 48377	29.92	-	-	-	Root
Punch Breath 48378	27.5	-	-	-	Root
Punch Breath 48379	29.1	-	-	-	Root
Punch Breath 48380	30.13	-	-	-	Root
Punch Breath 48381	29.29	-	-	-	Root
Punch Breath 48382	29.38	-	-	-	Root
Purple Rain 48322	30.09	-	-	-	Root
Purple Rain 48323	30.24	-	-	-	Root
Purple Rain 48324	30.27	-	-	-	Root
Purple Rain 48325	30.28	-	-	-	Root

Hop Latent Viroid

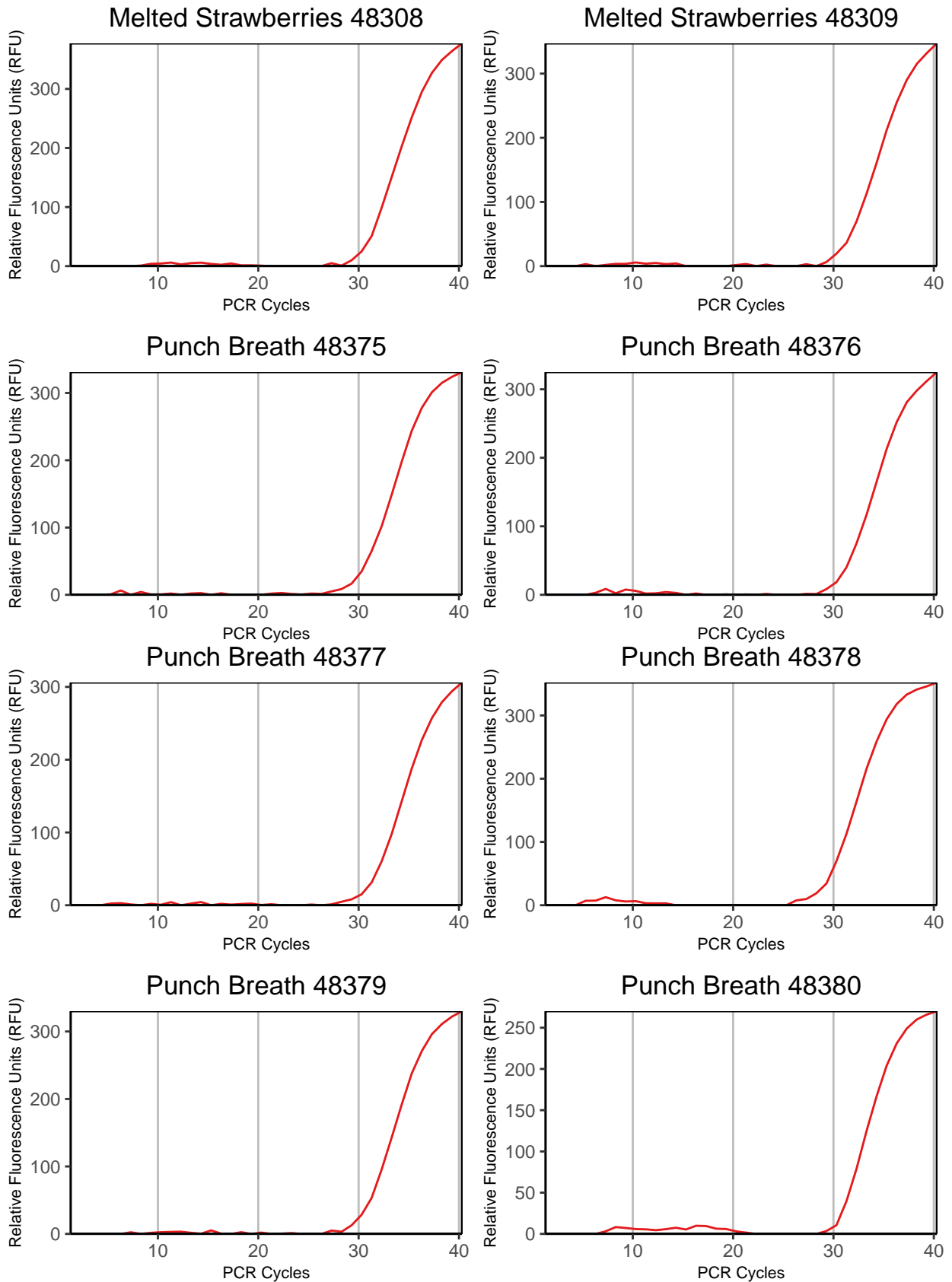
Sample	Control	HLVd #1	HLVd #2	HLVd Status	Sample Tested
Smashburger 48352	28.02	-	-	-	Root
Smashburger 48353	29.21	-	-	-	Root
Smashburger 48354	28.86	-	-	-	Root
Smashburger 48355	26.95	-	-	-	Root
Smashburger 48356	28.63	-	-	-	Root
Trap Fuel 48342	28.43	-	-	-	Root
Trap Fuel 48343	30.29	-	-	-	Root
Trap Fuel 48344	29.25	-	-	-	Root
Trap Fuel 48345	28.98	-	-	-	Root
Trap Fuel 48346	28.1	-	-	-	Root
Wingsuit 48302	29.56	-	-	-	Root
Wingsuit 48303	29.17	-	-	-	Root
Wingsuit 48304	29.31	-	-	-	Root
Wingsuit 48305	29.25	-	-	-	Root

Amplification Plots:

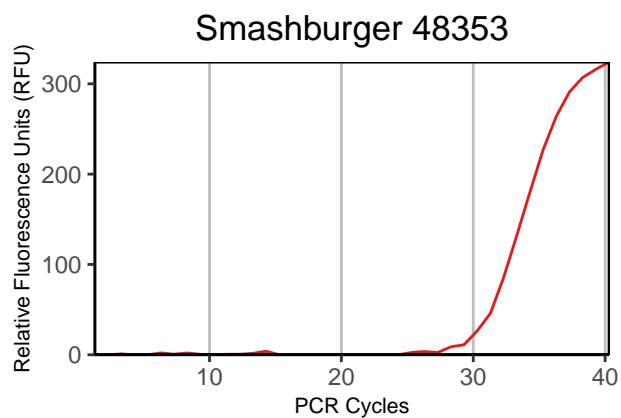
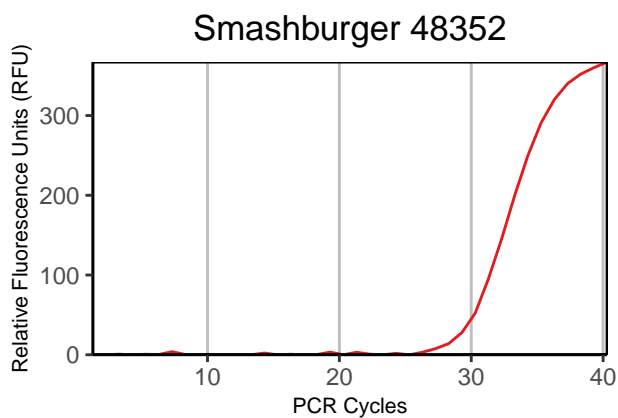
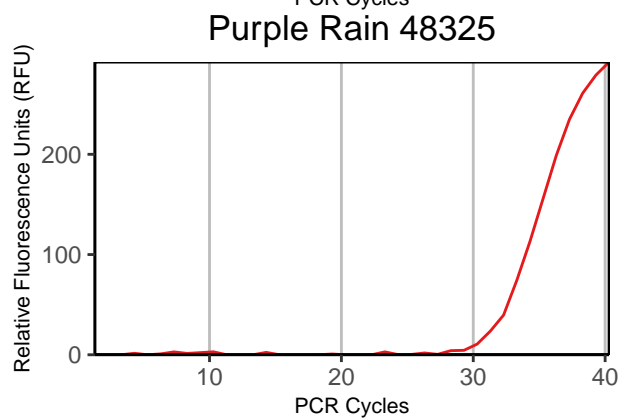
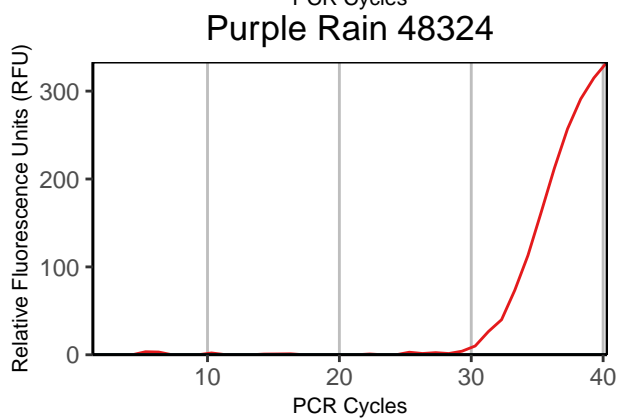
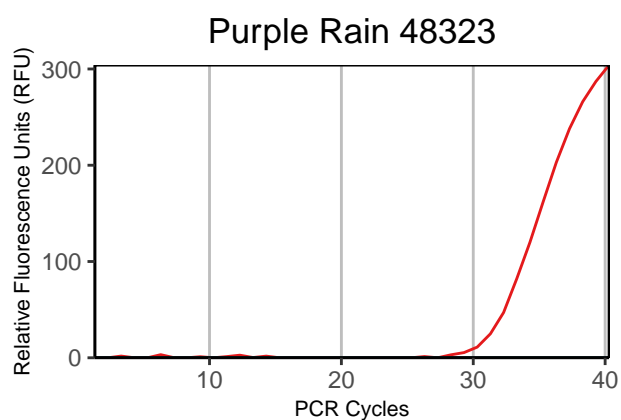
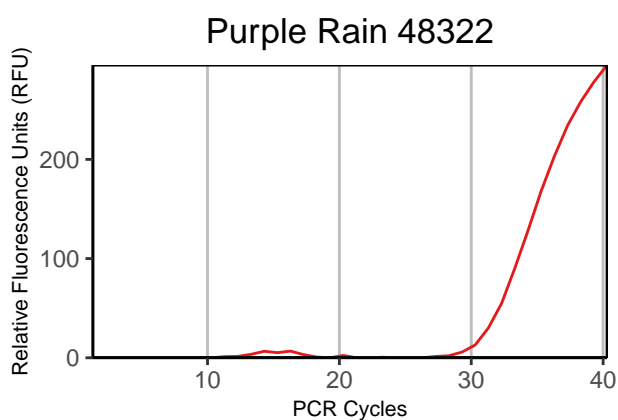
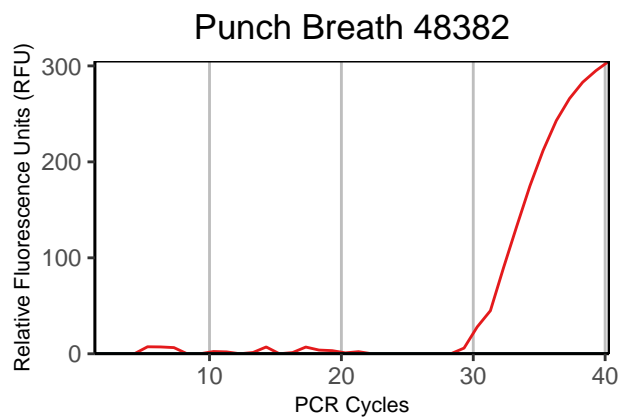
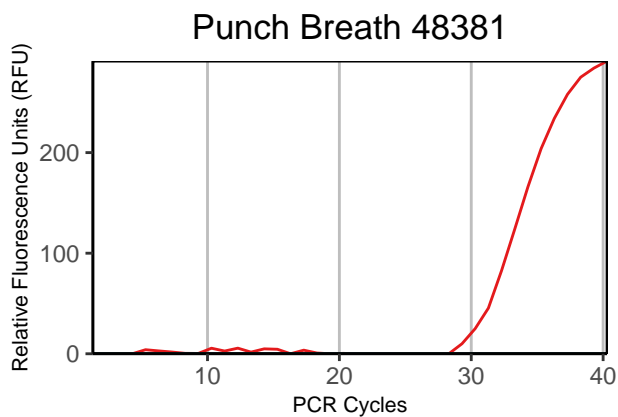
RED = Control, GREEN = HLVd #1, BLUE = HLVd #2



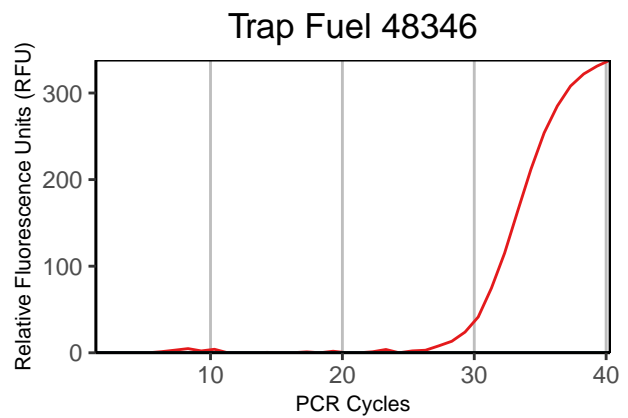
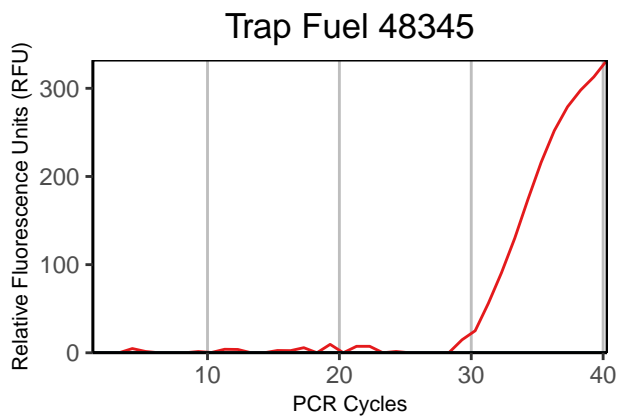
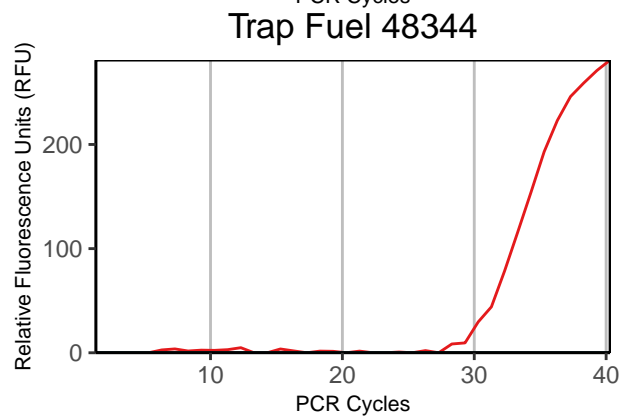
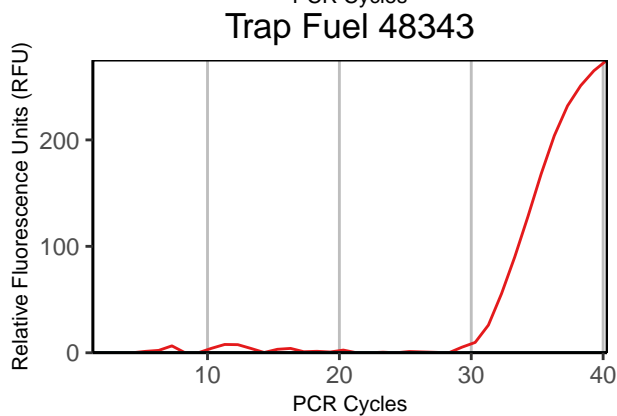
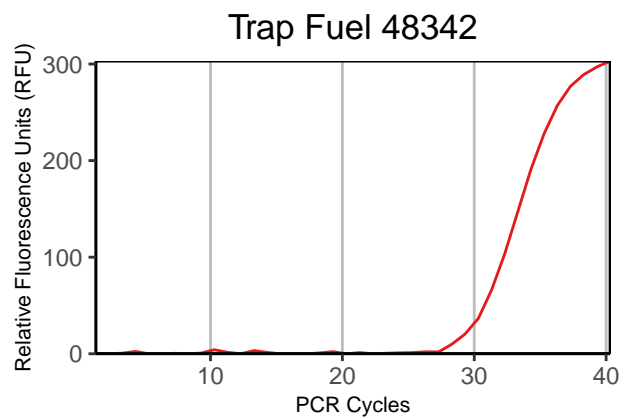
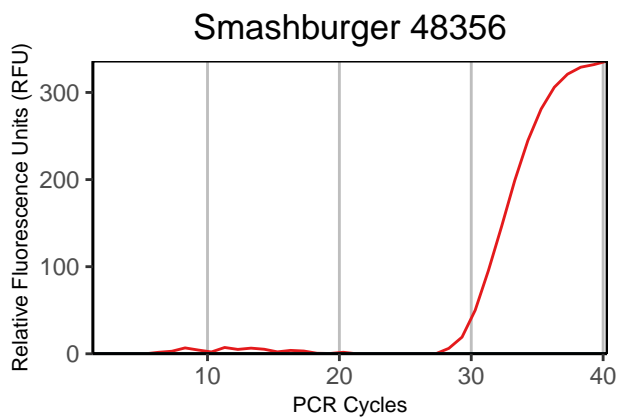
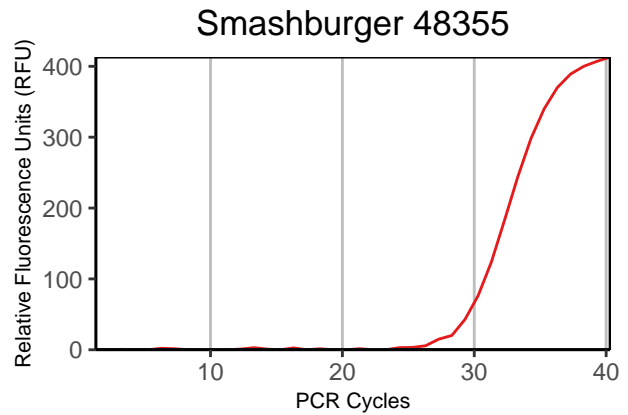
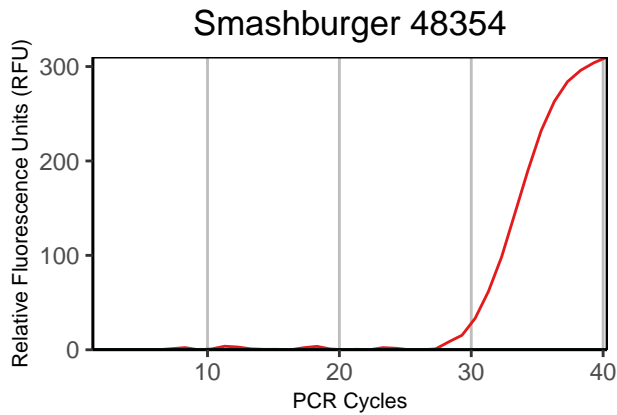
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