



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: 47

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	-	23.56	-	+	Root
.Positive Control 2	-	-	27.61	+	Root
Glitter Bomb 48369	30.56	-	-	-	Root
Glitter Bomb 48370	30.57	-	-	-	Root
Glitter Bomb 48371	31.07	-	-	-	Root
Glitter Bomb 48372	30.05	-	-	-	Root
Glitter Bomb 48373	28.3	-	-	-	Root
Glitter Bomb 48374	28.2	-	-	-	Root
Gorilla Breath 48347	30.32	-	-	-	Root
Gorilla Breath 48348	28.63	-	-	-	Root
Gorilla Breath 48349	29.04	-	-	-	Root
Gorilla Breath 48350	30.24	-	-	-	Root
Gorilla Breath 48351	27.58	-	-	-	Root
Grape Fritter 48310	33.83	-	-	-	Root
Grape Fritter 48311	30.06	-	-	-	Root
Grape Fritter 48312	30.14	-	-	-	Root
Grape Fritter 48313	29.22	-	-	-	Root
Grape Gasoline 48330	30.32	-	-	-	Root

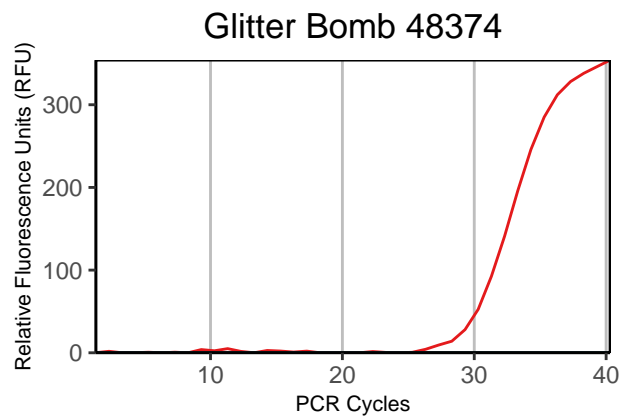
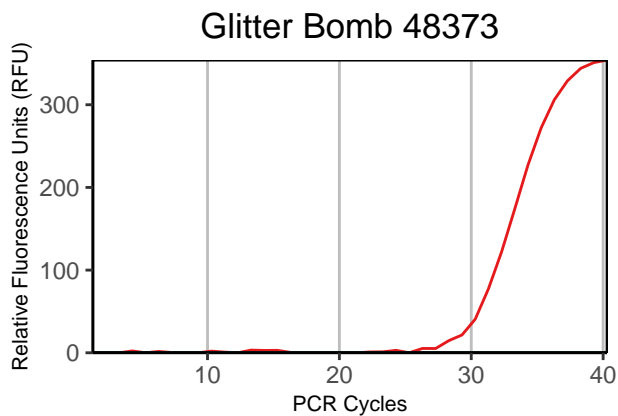
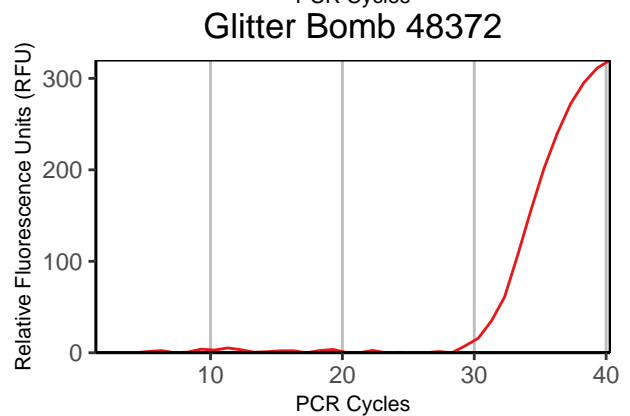
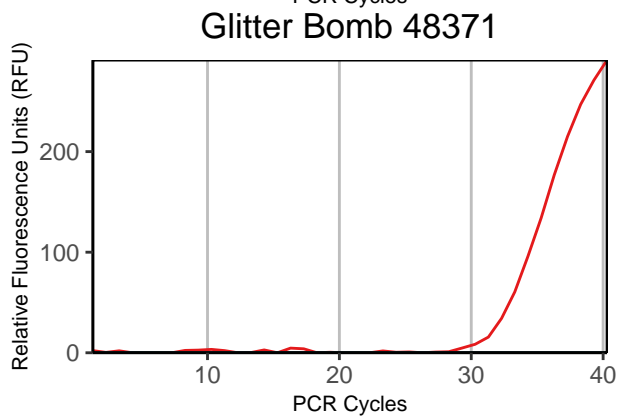
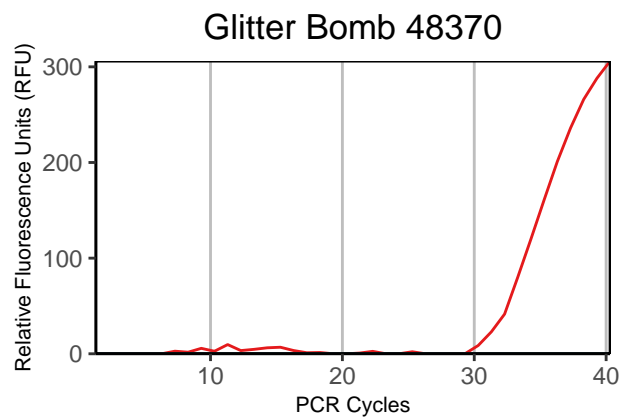
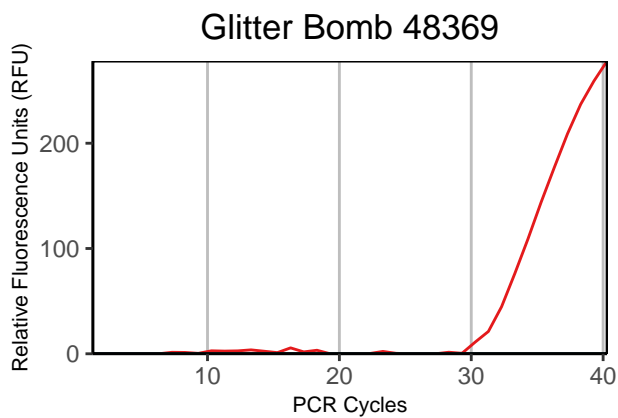
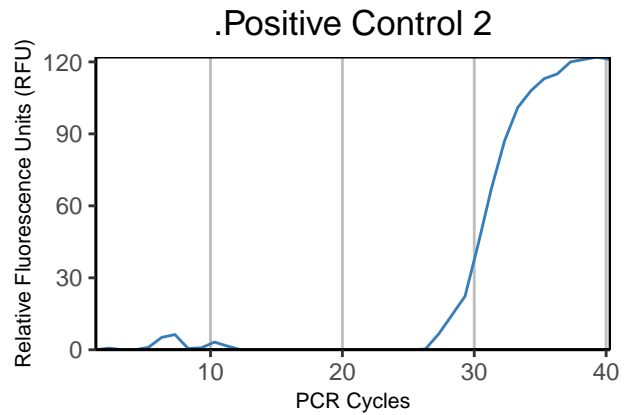
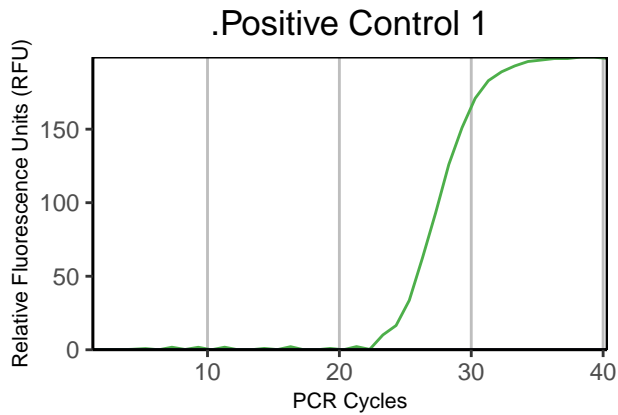
Hop Latent Viroid

Sample	Control	HLVd #1	HLVd #2	HLVd Status	Sample Tested
Grape Gasoline 48331	29.48	-	-	-	Root
Grape Gasoline 48332	29.12	-	-	-	Root
Grape Gasoline 48333	31.03	-	-	-	Root
Gruntz 48363	29.05	-	-	-	Root
Gruntz 48364	30.49	-	-	-	Root
Gruntz 48365	28.59	-	-	-	Root
Gruntz 48366	29.44	-	-	-	Root
Gruntz 48367	31.01	-	-	-	Root
Gruntz 48368	29.59	-	-	-	Root
Ice Cream Cake 48383	29.1	-	-	-	Root
Ice Cream Cake 48384	30.05	-	-	-	Root
Ice Cream Cake 48385	31.59	-	-	-	Root
Ice Cream Cake 48386	31.22	-	-	-	Root
Ice Cream Cake 48387	30.5	-	-	-	Root
Ice Cream Cake 48388	30.38	-	-	-	Root
Ice Cream Cake 48389	28.81	-	-	-	Root
Ice Cream Cake 48390	29.22	-	-	-	Root
Illemonatti 48481	30.64	-	-	-	Root
Illemonatti 48482	31.11	-	-	-	Root
Illemonatti 48483	28.95	-	-	-	Root
Illemonatti 48484	30.89	-	-	-	Root
Illemonatti 48485	29.51	-	-	-	Root
Illemonatti 48486	29.82	-	-	-	Root
Illemonatti 48487	30.47	-	-	-	Root
Illemonatti 48488	32.17	-	-	-	Root
Illemonatti 48489	30.98	-	-	-	Root
Illemonatti 48490	30.6	-	-	-	Root
Jokerz Candy 48338	28.92	-	-	-	Root
Jokerz Candy 48339	30.78	-	-	-	Root
Jokerz Candy 48340	29.38	-	-	-	Root
Jokerz Candy 48341	29.06	-	-	-	Root

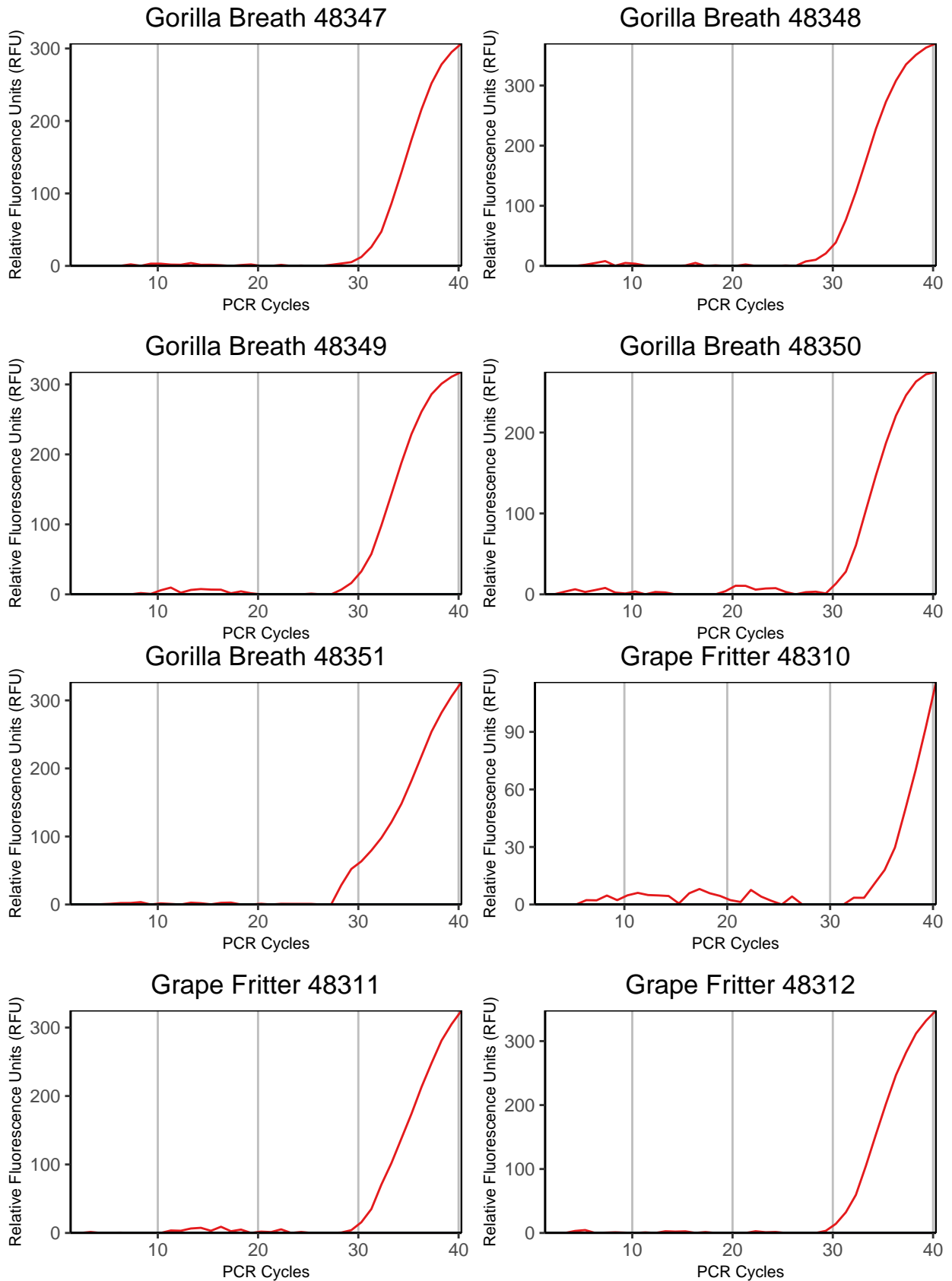
Amplification Plots:

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

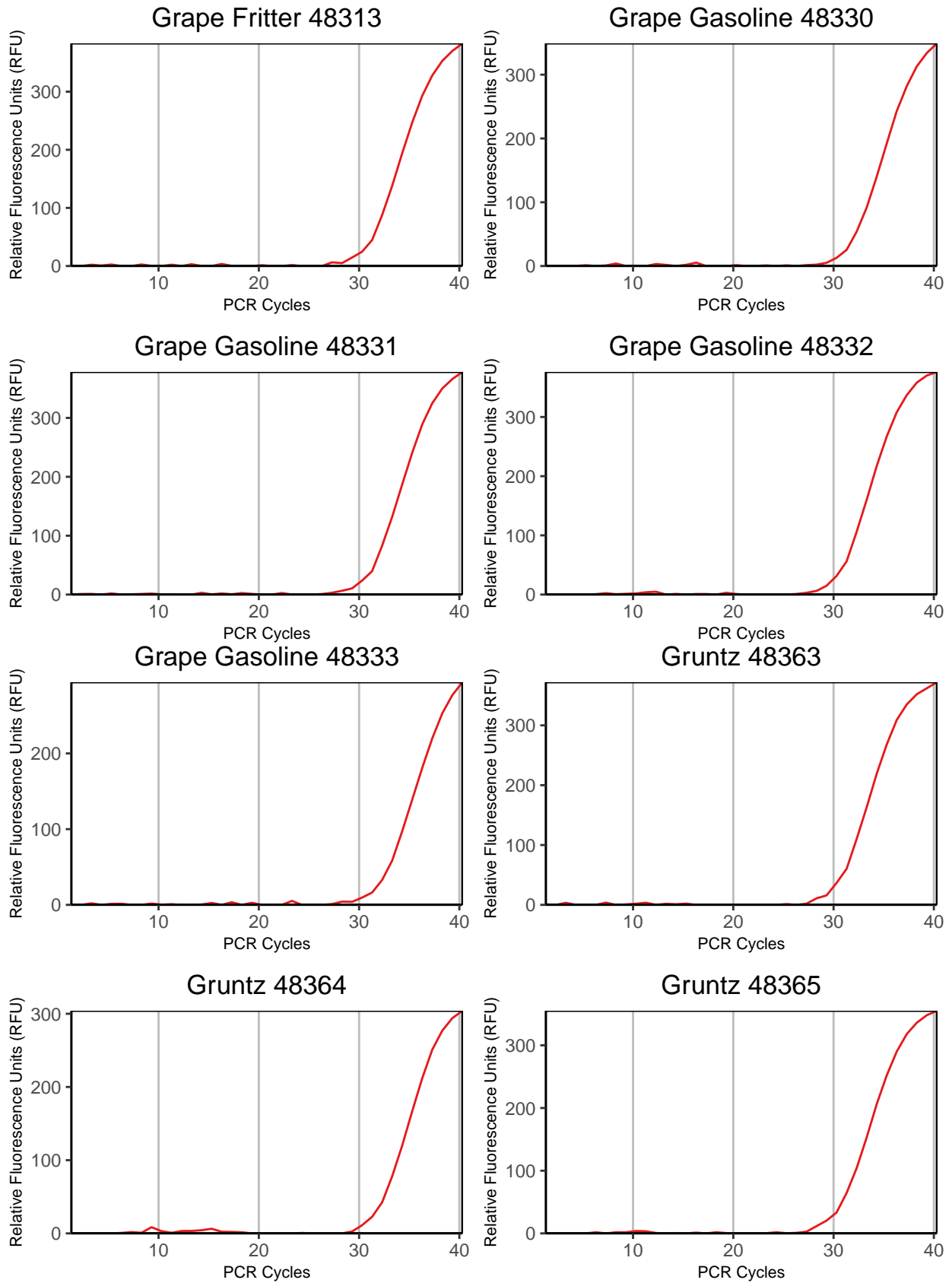
Hop Latent Viroid



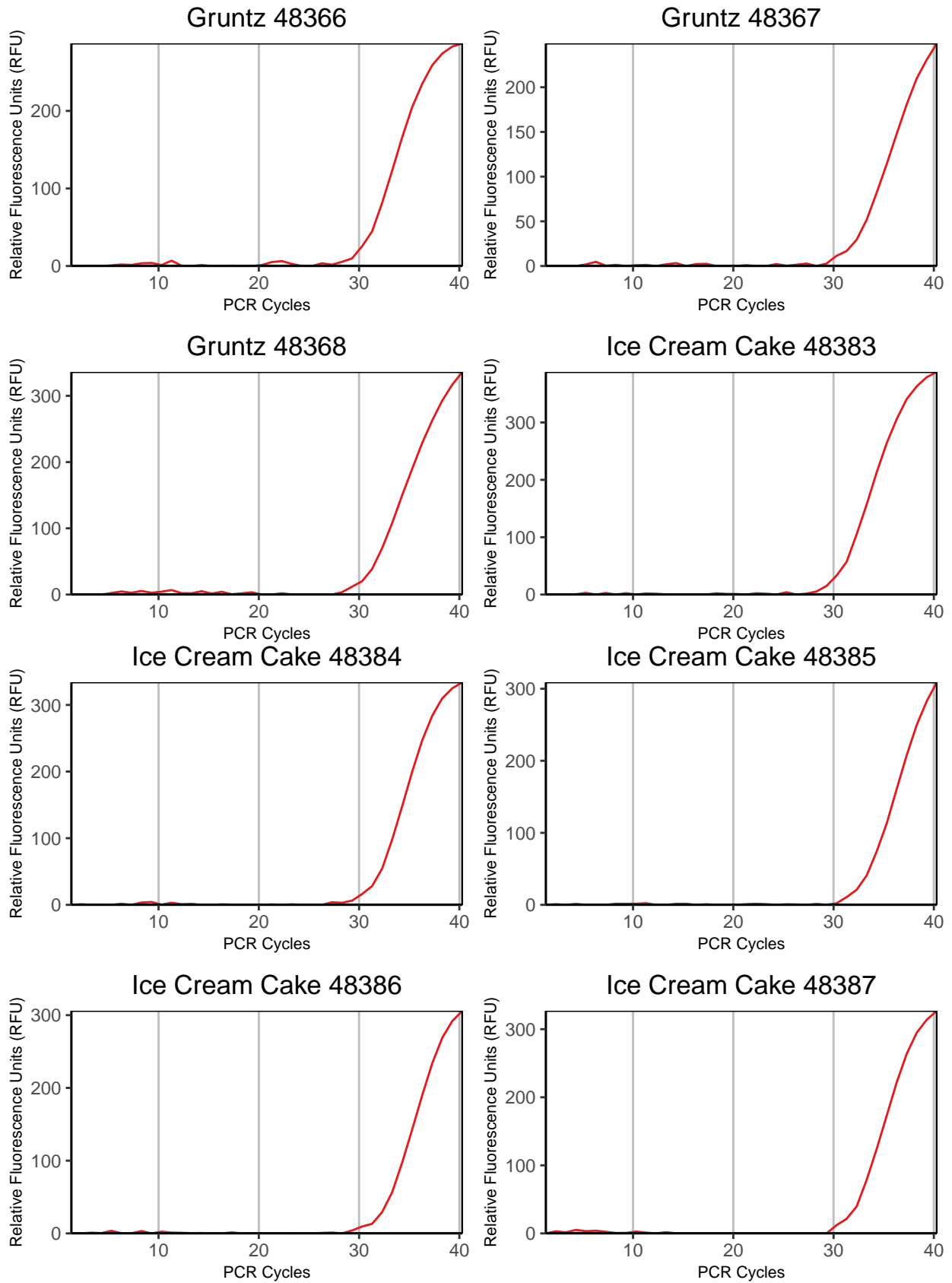
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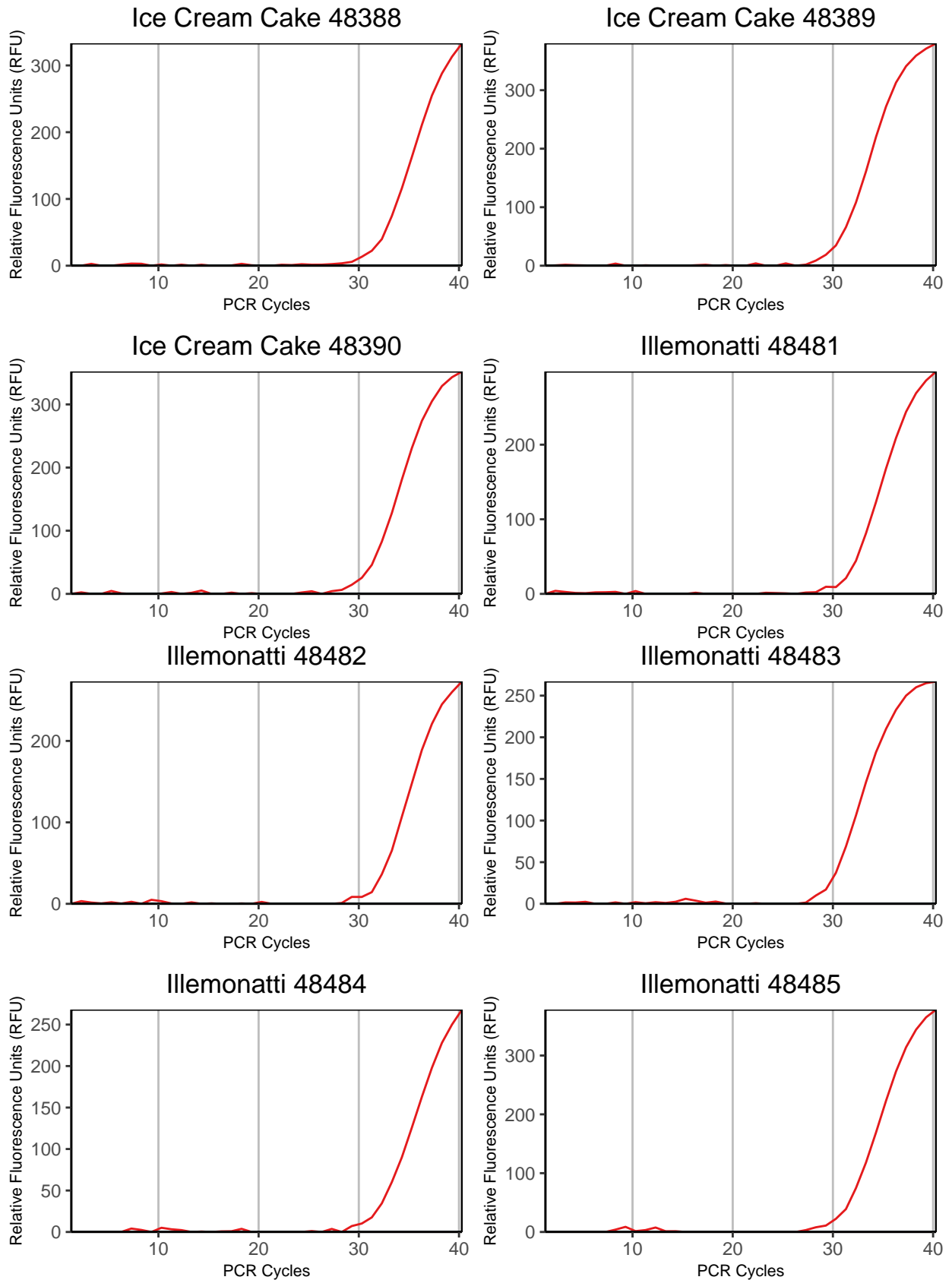
Hop Latent Viroid



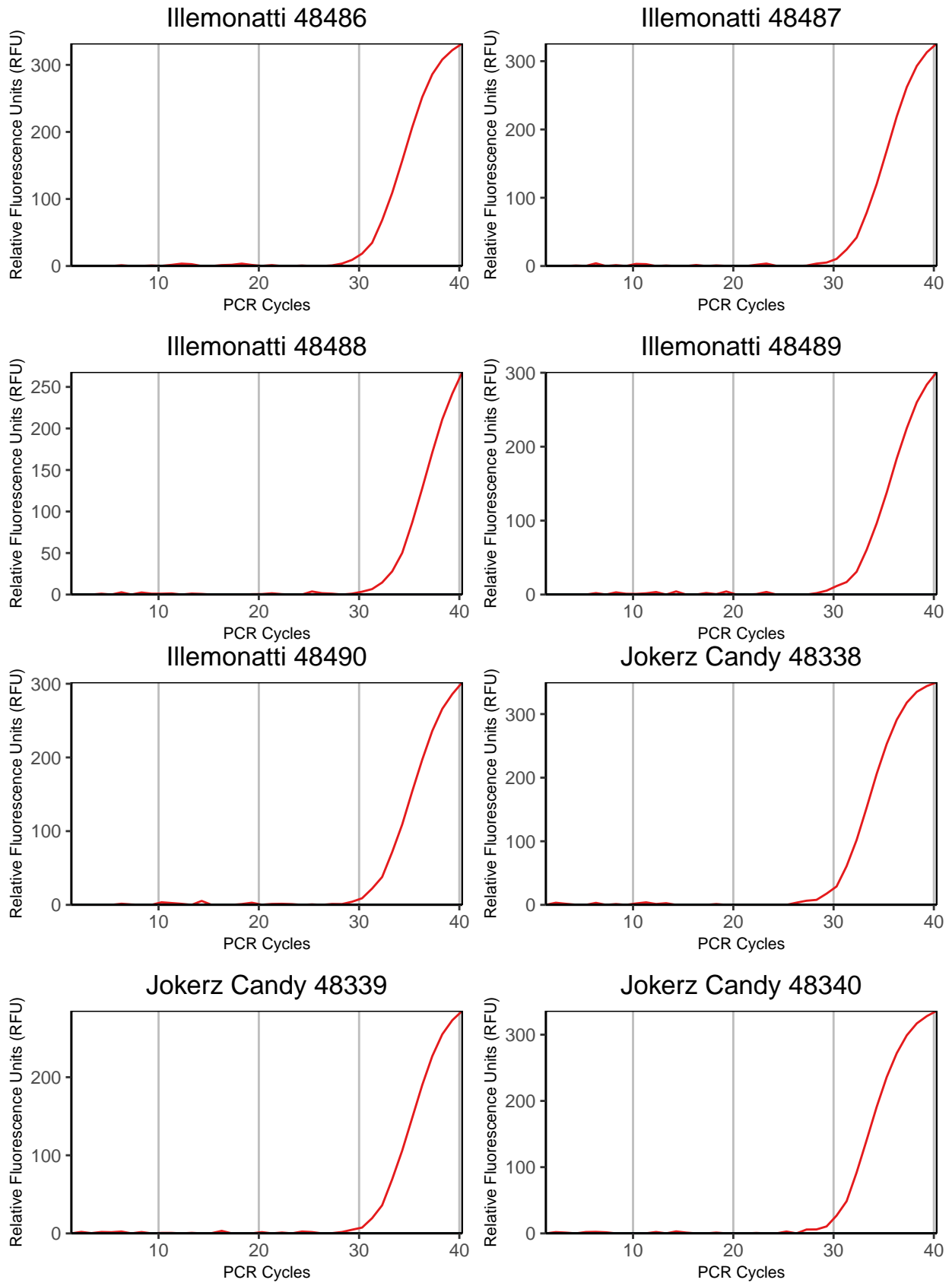
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