



GENIELAB

TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1358

Target pathogen: Hop Latent Viroid

18 August 2023

Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 08/16/2023
Date Received: 08/17/2023
Date Reported: 08/18/2023
Total samples: 42

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:

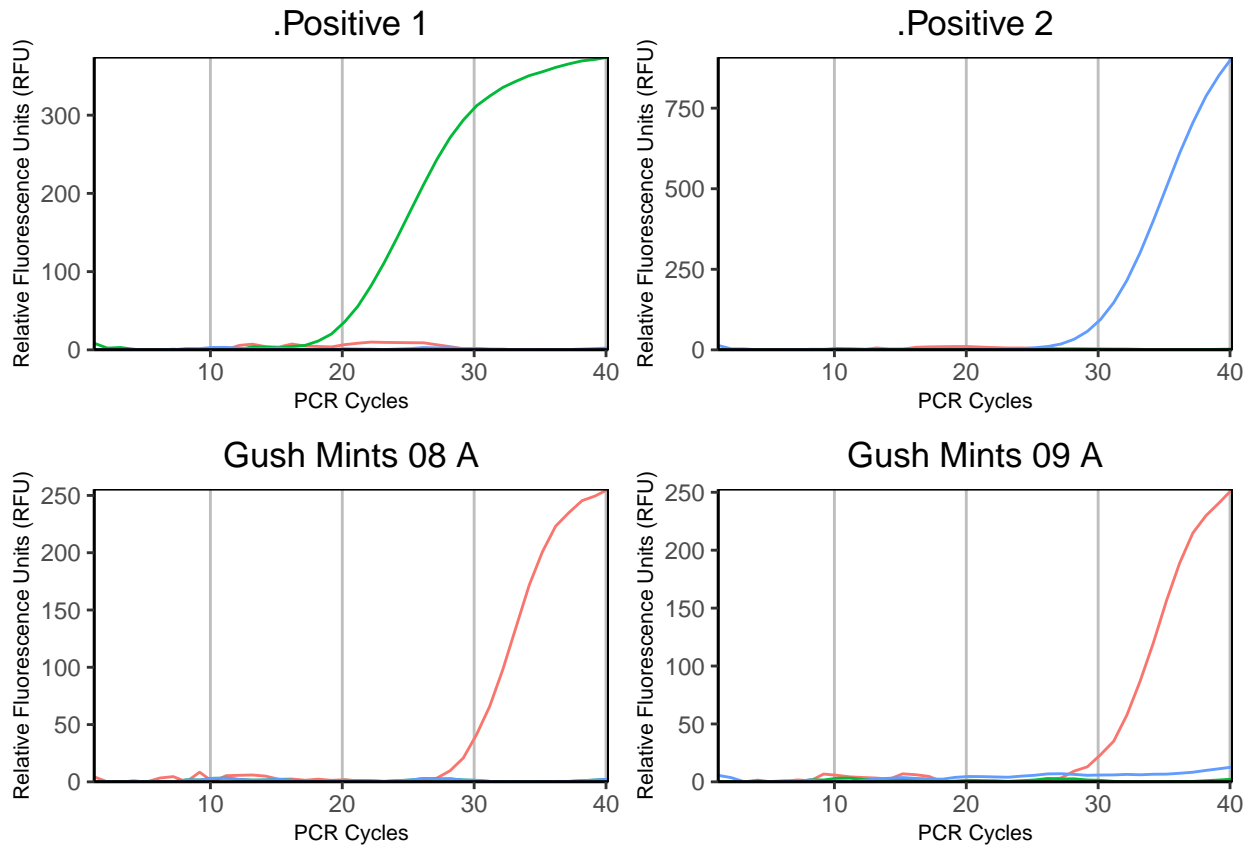
HIGH: <15 - 20 C_T
 MEDIUM: 21 - 28 C_T
 LOW: 29 - <35 C_T
 INCONCLUSIVE: >35 C_T

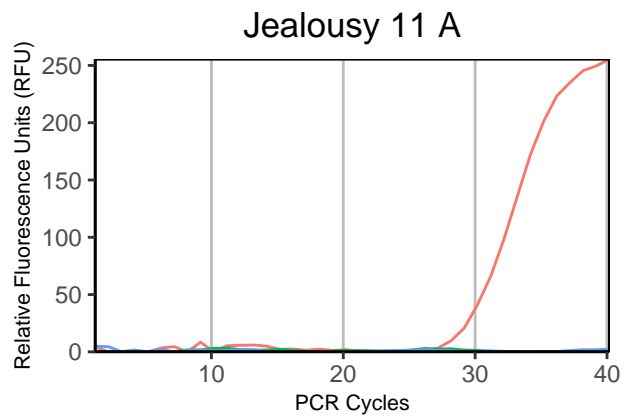
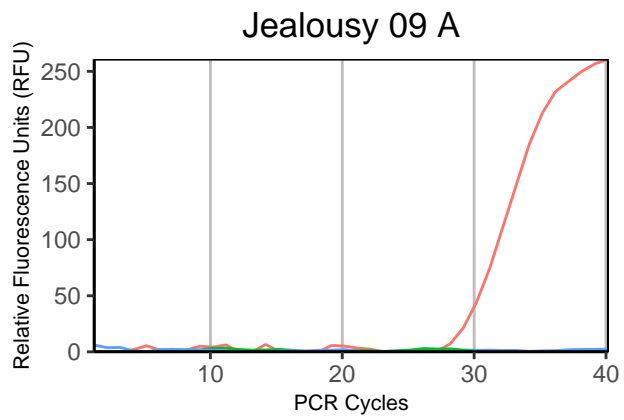
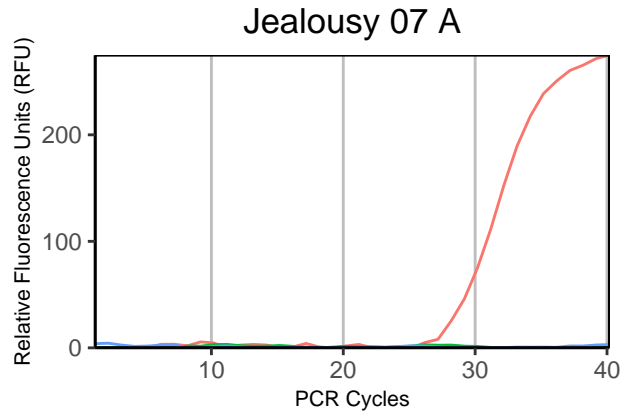
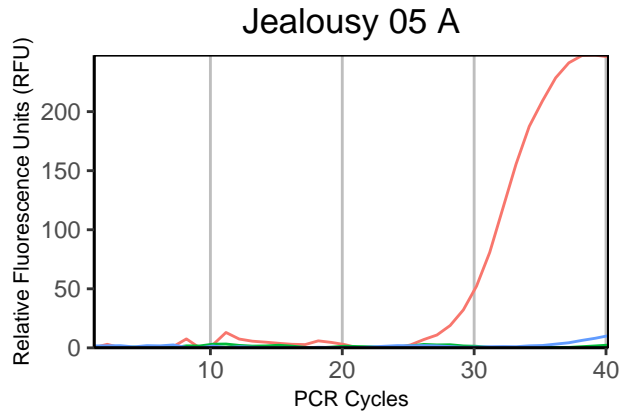
Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	20.45	-	+
.Positive 2	-	-	29.89	+
Gush Mints 08 A	29.63	-	-	-
Gush Mints 09 A	30.84	-	-	-
Jealousy 05 A	28.6	-	-	-
Jealousy 07 A	28.8	-	-	-
Jealousy 09 A	29.25	-	-	-
Jealousy 11 A	29.33	-	-	-
Jealousy 13 A	30.44	-	-	-
Jelly Breath 01 A	28.72	-	-	-
Jelly Breath 06 A	28.11	-	-	-
Jelly Breath 07 A	30.13	-	-	-
Jelly Breath 12 A	27.89	-	-	-
Jelly Breath 18 A	30.1	-	-	-
Jokerz 04 A	28.72	-	-	-

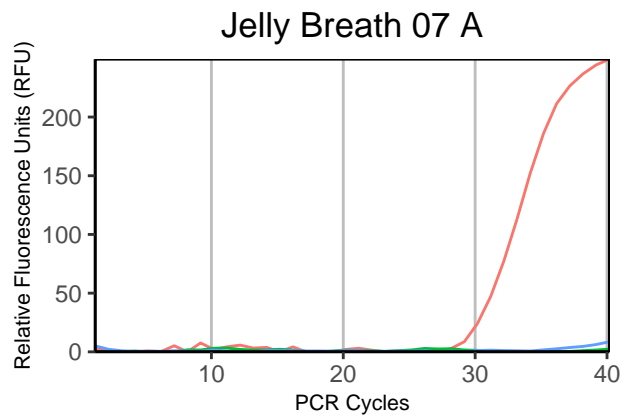
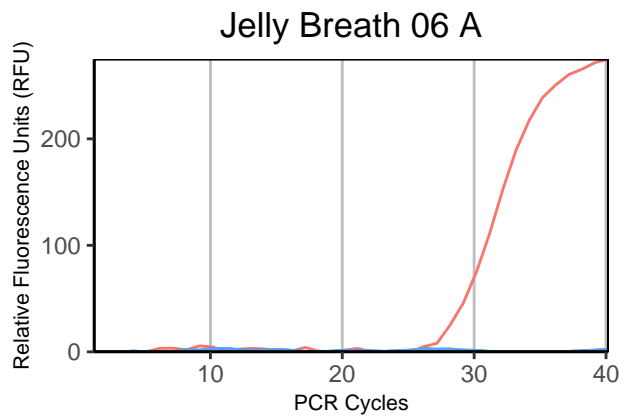
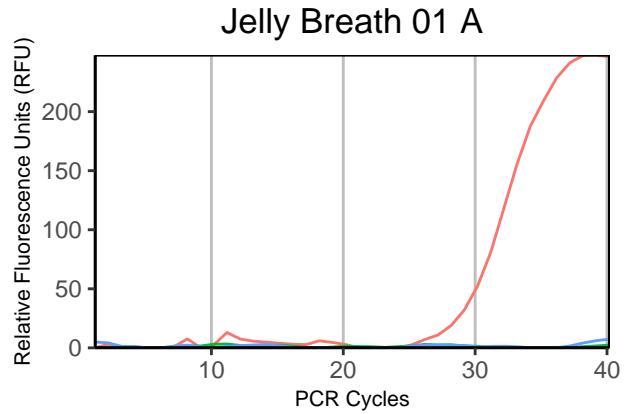
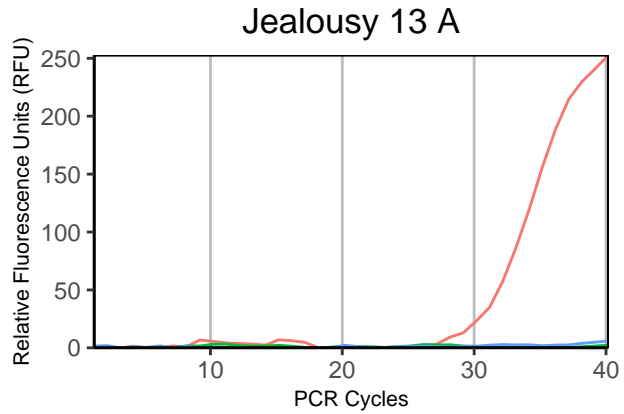
Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Jokerz 08 A	28.14	-	-	-
Jokerz 11 A	27.55	-	-	-
Jokerz 13 A	28.58	-	-	-
Jokerz 14 A	31.36	-	-	-
Jungle Juice 03 A	28.91	-	-	-
Jungle Juice 07 A	27.65	-	-	-
Jungle Juice 09 A	26.17	-	-	-
Jungle Juice 12 A	26.99	-	-	-
Jungle Juice 17 A	32.55	-	-	-
Pink RNTZ 04 A	29.46	-	-	-
Pink RNTZ 08 A	28.02	-	-	-
Pink RNTZ 09 A	30.44	-	-	-
Pink RNTZ 12 A	29.54	-	-	-
Pink RNTZ 14 A	26.96	-	-	-
Power Mintz 02 A	28.38	-	-	-
Power Mintz 04 A	26.95	-	-	-
Power Mintz 11 A	28.32	-	-	-
Power Mintz 13 A	25.66	-	-	-
Power Mintz 14 A	28.23	-	-	-
Tropsicle 01 A	28.53	-	-	-
Tropsicle 04 A	26.62	-	-	-
Tropsicle 05 A	28.16	-	-	-
Tropsicle 07 A	26.41	-	-	-
White Truffle 01 A	28.3	-	-	-
White Truffle 05 A	28.71	-	-	-
White Truffle 09 A	26.99	-	-	-
White Truffle 12 A	26.93	-	-	-
White Truffle 16 A	28.23	-	-	-
White Truffle 18 A	28.73	-	-	-

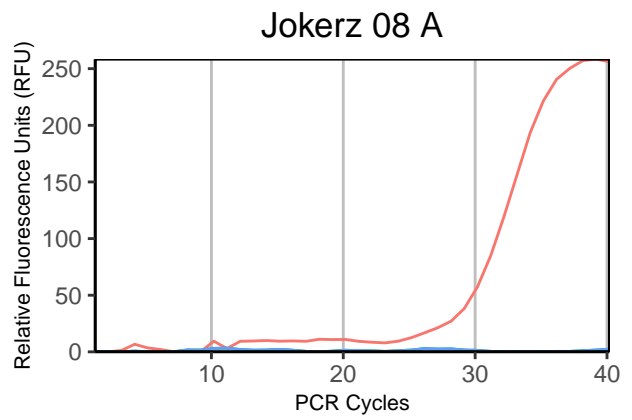
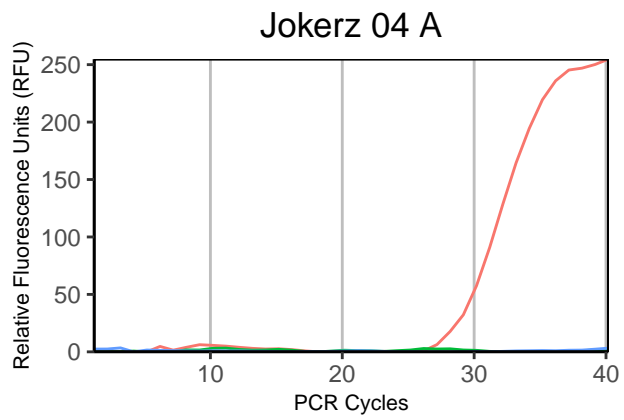
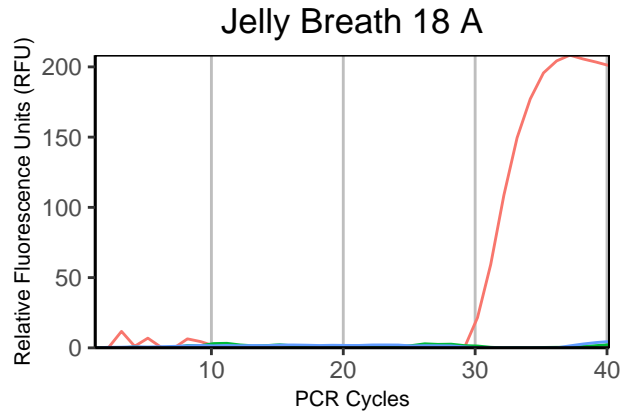
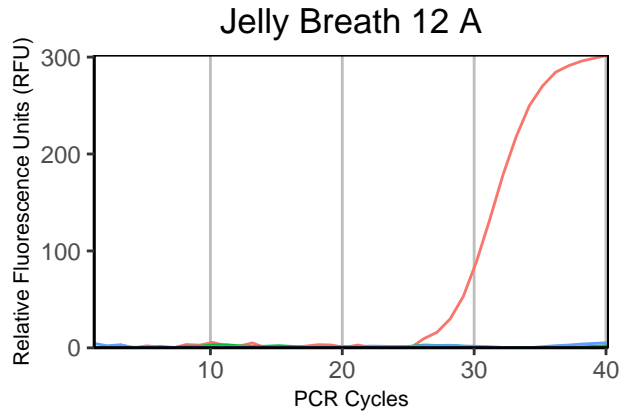
Amplification Plots:

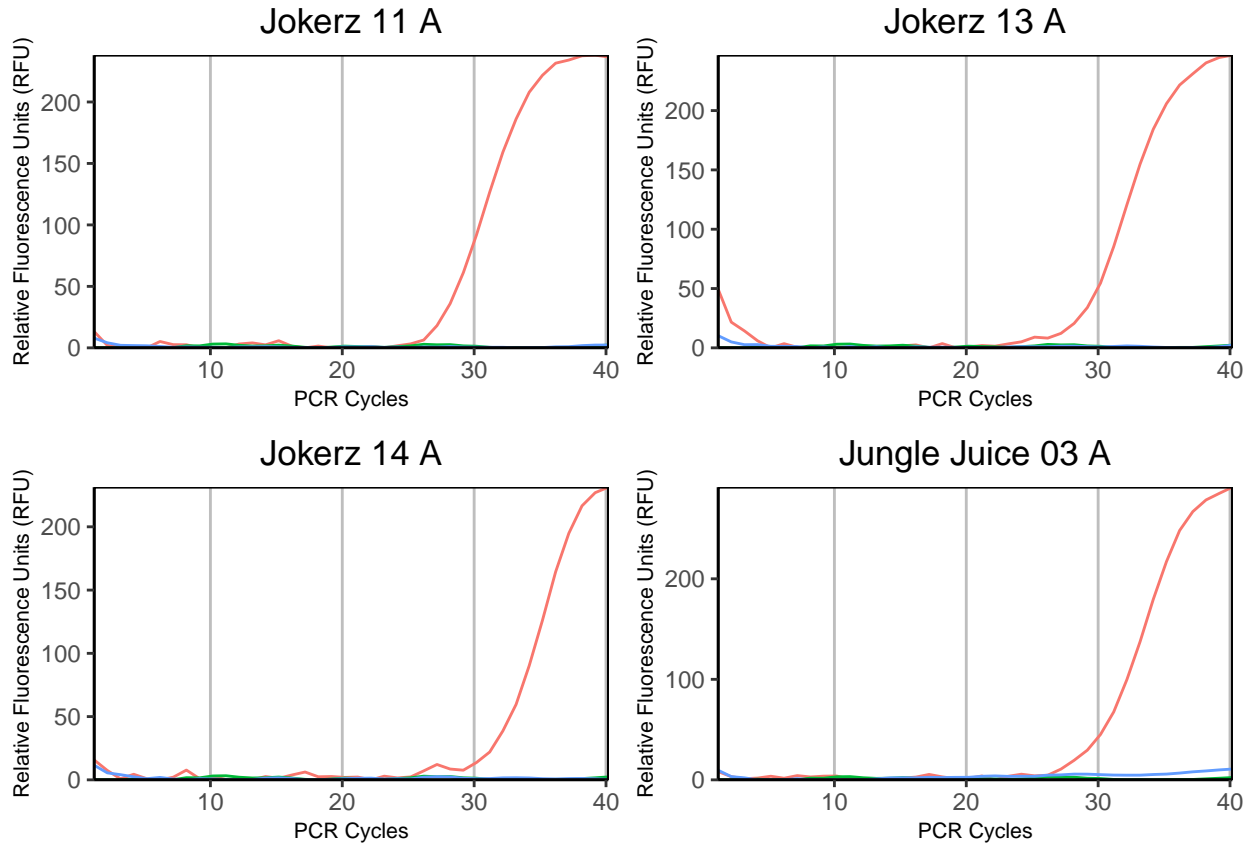
RED = Control, GREEN = HLVd target #1, and BLUE = HLVd target #2

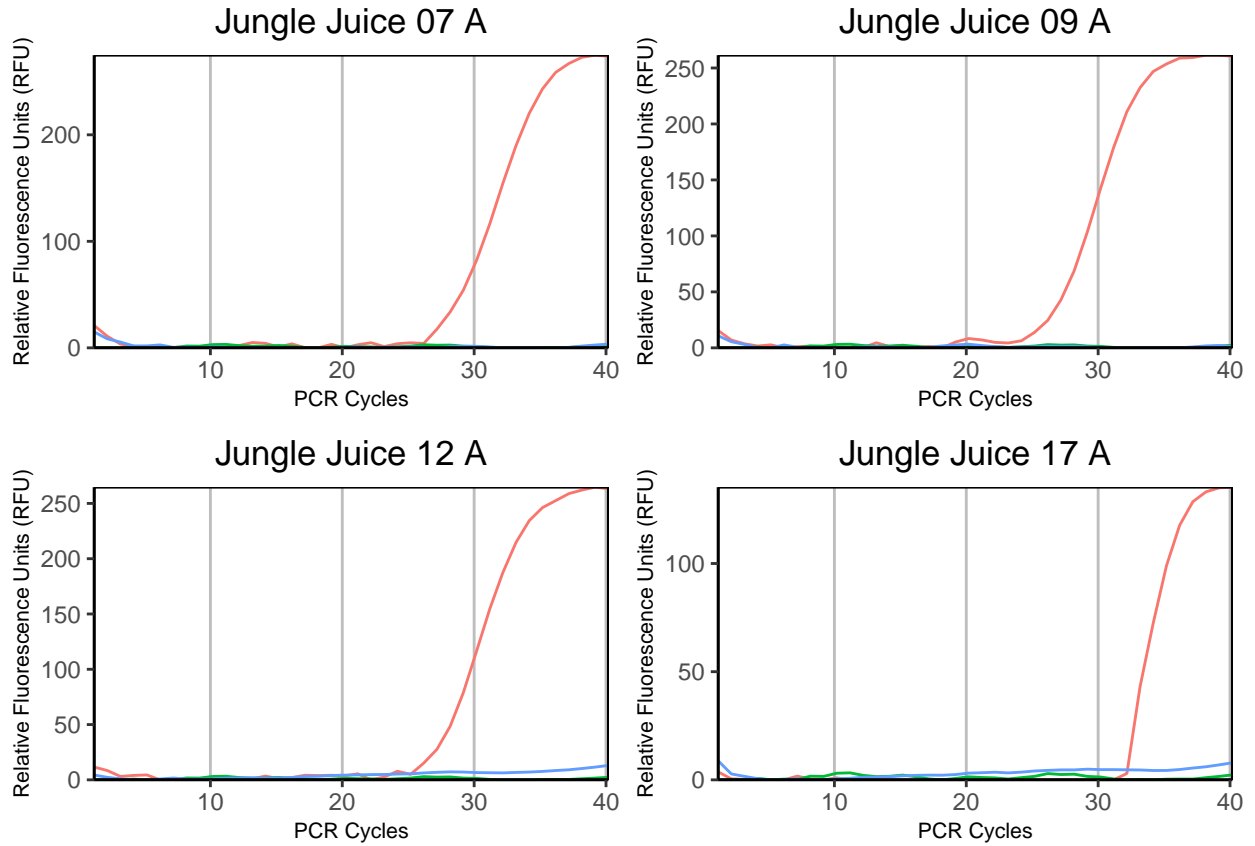


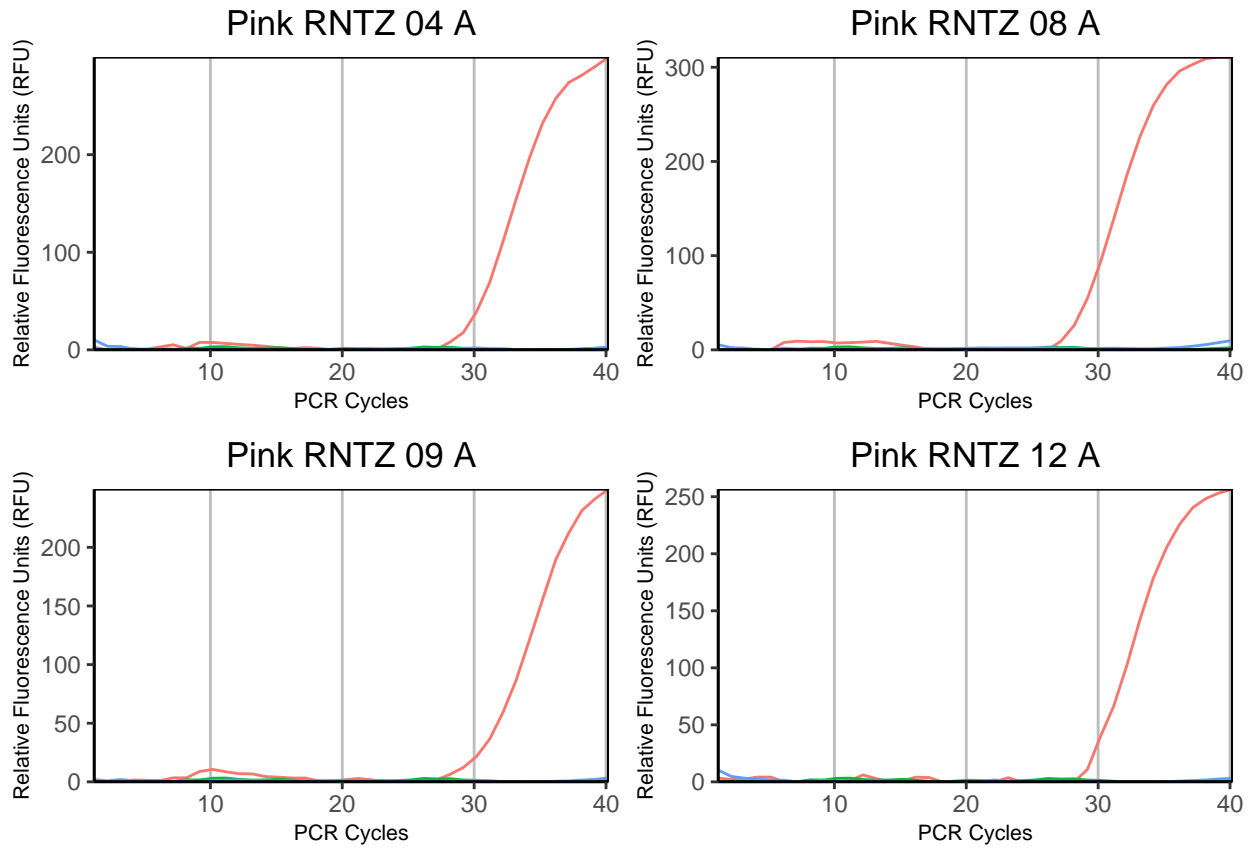


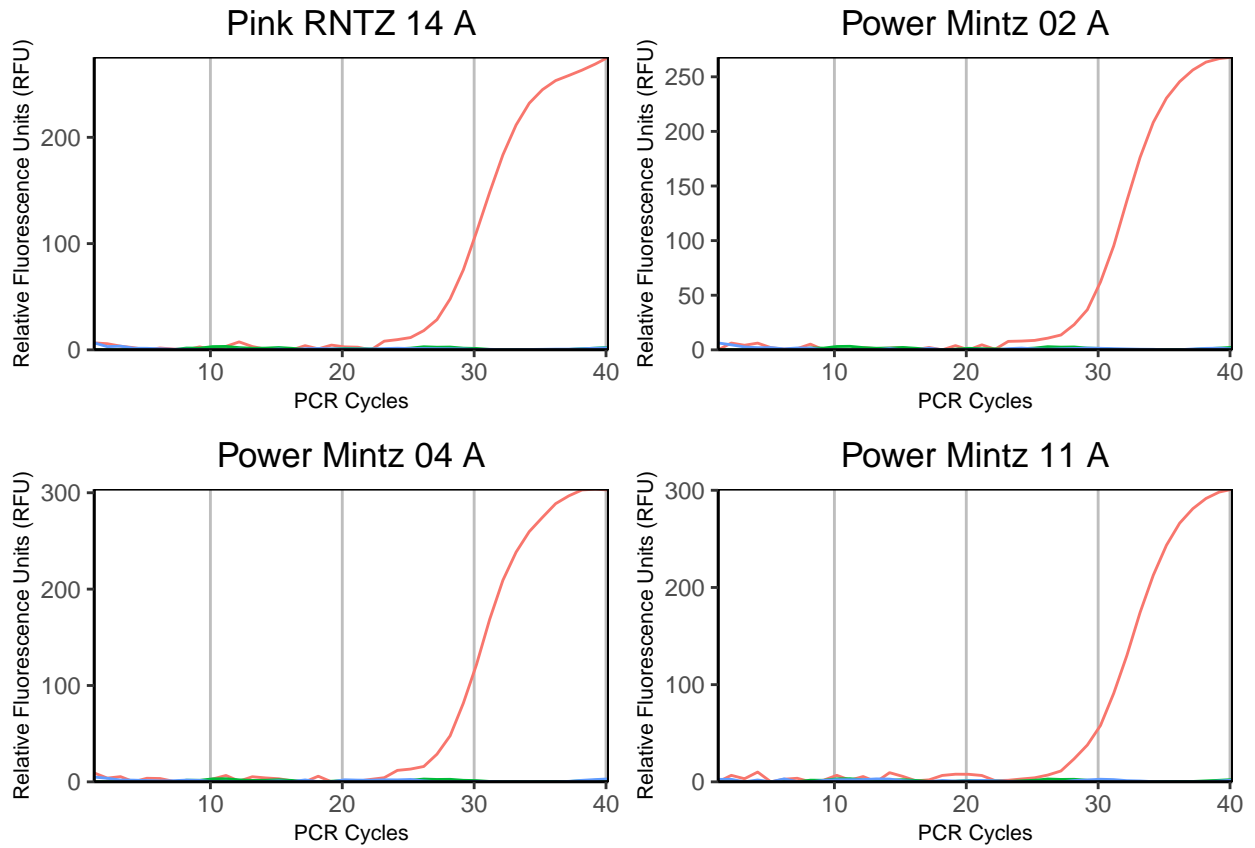


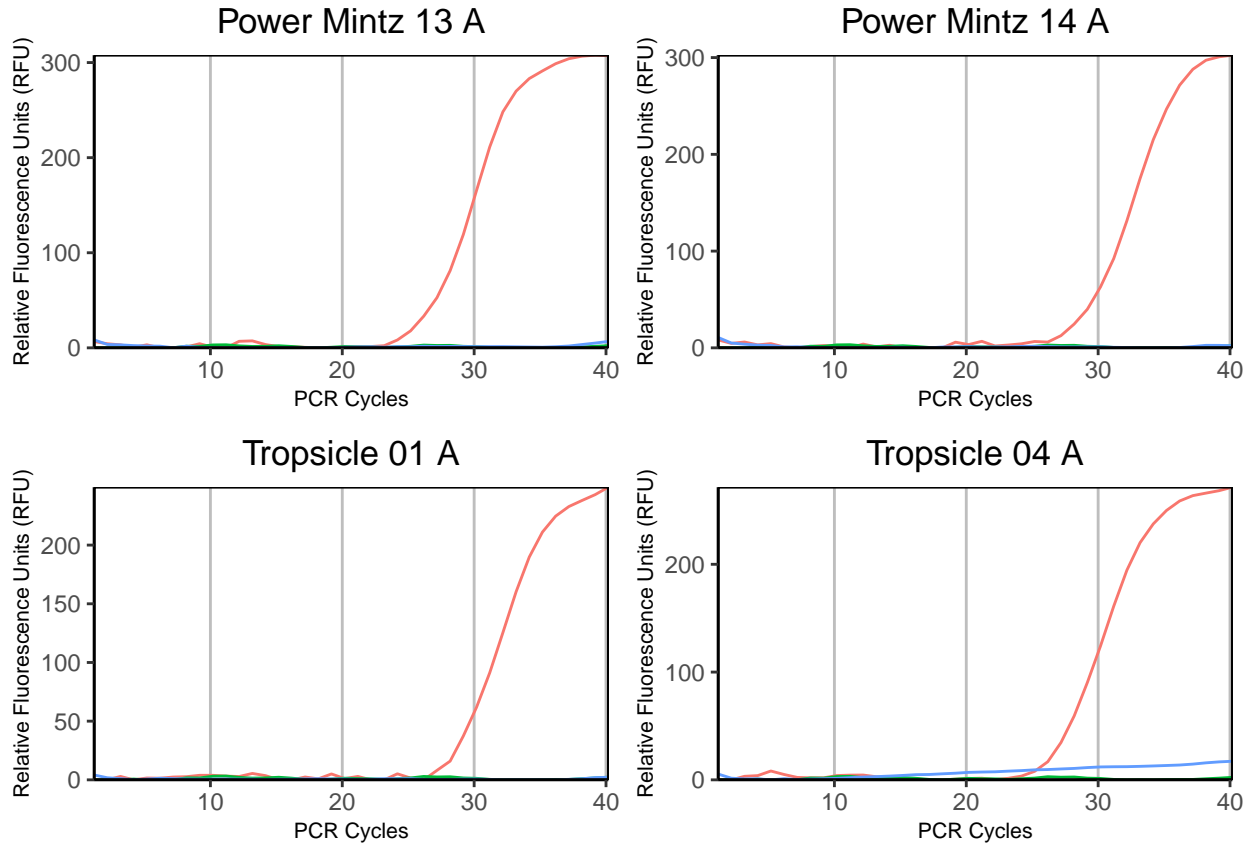


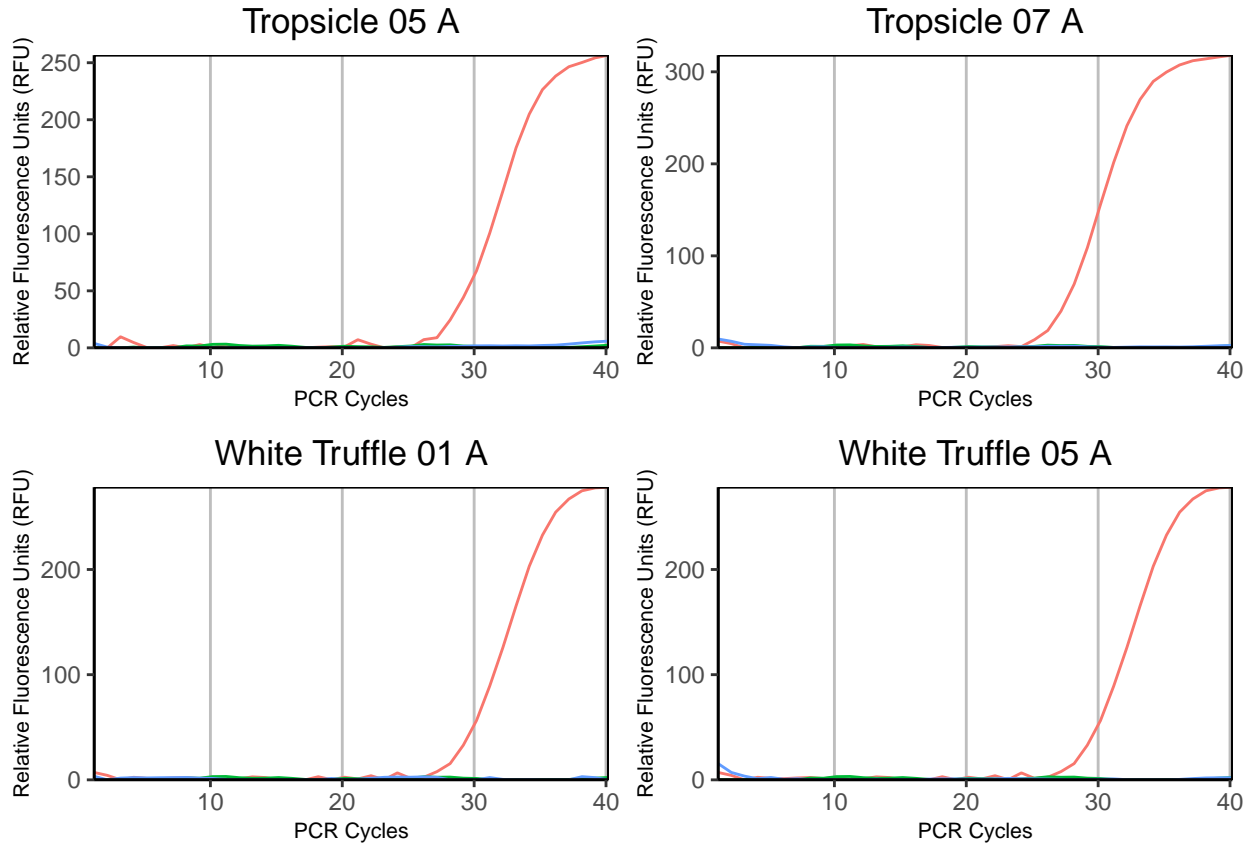


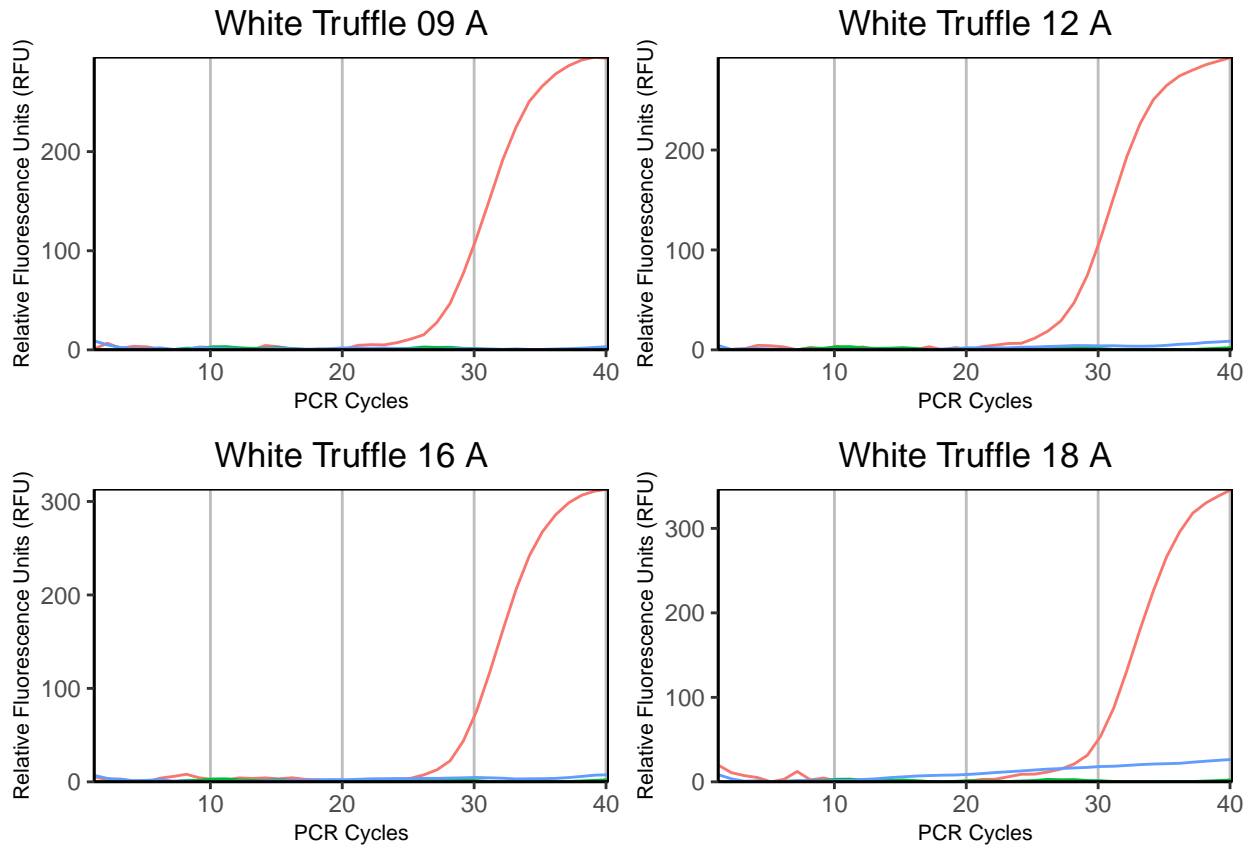














GENIELAB

TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1363

Target pathogen: Hop Latent Viroid

22 August 2023

Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 08/21/2023
Date Received: 08/22/2023
Date Reported: 08/22/2023
Total samples: 5

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
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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

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	23.9	-	+
.Positive 2	-	-	24.92	+
KushCrasher 04	27.1	-	-	-
KushCrasher 06	30.16	-	-	-
KushCrasher 08	27.89	-	-	-
KushCrasher 09	31.44	-	-	-
KushCrasher 18	30.68	-	-	-

Amplification Plots:

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

