



TaqMan RT-PCR Results

Client: Kaprikorn

Order: KAP94

Target pathogen: Hop Latent Viroid

24 April 2026

Hop Latent Viroid

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**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 04/22/2026**Date Received:** 04/23/2026**Date Reported:** 04/24/2026**Total samples:** 91**NUMBER SAMPLES INFECTED:** 0**Results interpretation:****C<sub>T</sub> (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<sub>T</sub>EXCELLENT: 27 - 30 C<sub>T</sub>GREAT: 30 - 32 C<sub>T</sub>OKAY: 32 - 35 C<sub>T</sub>FAIL: >35 C<sub>T</sub>**HLVd** - Detection C<sub>T</sub> and relative amount of HLVd in the sample:HIGH: <15 - 20 C<sub>T</sub>MEDIUM: 21 - 28 C<sub>T</sub>LOW: 29 - <35 C<sub>T</sub>INCONCLUSIVE: >35 C<sub>T</sub>

Sample	Control	HLVd #2	HLVd Status	Sample Tested
HLVd Control	-	25.23	+	-
Baby Yoda 48503	29.43	-	-	Root
Bangkok Purple 48065	30.73	-	-	Root
Bank Roll 47637	29.13	-	-	Root
Black Bubblegum Horchata 48141	30.06	-	-	Root
Black Cherry Zoap 48314	28.04	-	-	Root
Black Cherry Zoap 48315	28.2	-	-	Root
Black Cherry Zoap 48316	27.2	-	-	Root
Black Cherry Zoap 48317	26.86	-	-	Root
Black Panther 05	26.49	-	-	Root
Black Panther 06	27.38	-	-	Root
Black Panther 09	28.1	-	-	Root
Black Panther 12	28.5	-	-	Root
Black Panther 14	27.67	-	-	Root
Blue Guava 48469	29.36	-	-	Root
Blue Guava 48470	27.59	-	-	Root
Blue Guava 48471	28.09	-	-	Root
Blue Guava 48472	29.4	-	-	Root

## Hop Latent Viroid

Sample	Control	HLVd #2	HLVd Status	Sample Tested
Blue Lobster 48494	28.99	-	-	Root
Blue Nerdz 48411	28.69	-	-	Root
Blueberry Fizz 47963	28.83	-	-	Root
Blueberry Sorbet 48513	29.38	-	-	Root
Candy Blossom 48144	27.69	-	-	Root
Cherry Blossom 48143	29.02	-	-	Root
Cold Heat 48493	29.22	-	-	Root
Cowboy Candy 47964	29.72	-	-	Root
Crunch Berries 48521	30.49	-	-	Root
Cyber Wolf 04	27.18	-	-	Root
Cyber Wolf 07	31.69	-	-	Root
Cyber Wolf 11	28.44	-	-	Root
Cyber Wolf 13	26.59	-	-	Root
Cyber Wolf 15	27.18	-	-	Root
D Lish 48506	29.74	-	-	Root
Dark Desire 03	28.52	-	-	Root
Dark Desire 04	27.72	-	-	Root
Dark Desire 07	25.77	-	-	Root
Dark Desire 14	27.99	-	-	Root
Dark Desire 15	27.97	-	-	Root
Double Up 02	27.72	-	-	Root
Double Up 03	28.32	-	-	Root
Double Up 06	28.56	-	-	Root
Double Up 08	27.24	-	-	Root
Double Up 11	26.22	-	-	Root
Drip Drop 47968	29.03	-	-	Root
Galactic Warheads 48501	27.77	-	-	Root
Gas Drop 48318	29.08	-	-	Root
Gas Drop 48319	30.18	-	-	Root
Gas Drop 48320	28.47	-	-	Root
Gas Drop 48321	29.15	-	-	Root
Ghost Face 47969	29.12	-	-	Root
Grape Lobzter 48515	30.89	-	-	Root
Guava Biscotti 48517	27.57	-	-	Root
Guava Peachez 48499	28.88	-	-	Root
Hardcore OG 48509	27.94	-	-	Root
Hells Angel OG 48491	28.06	-	-	Root
Himothy 48508	28.49	-	-	Root
Hot Cheetoz 48507	28.7	-	-	Root
Jelly Delight 48145	28.5	-	-	Root
Jewelz 47970	28.54	-	-	Root
Lantz 48528	29.05	-	-	Root
Lemon G 48500	27.75	-	-	Root
Limonada de Mango 47891	30.71	-	-	Root
Lobzter 48525	30.89	-	-	Root
Lu lu lemon 48511	28.46	-	-	Root
Lychee 48402	27.76	-	-	Root
Mile High Slurpee 48142	29.02	-	-	Root
OG 48510	30.27	-	-	Root
OZK 48410	29.5	-	-	Root
Ogkb 48404	28.95	-	-	Root
Ogzk 48403	27.16	-	-	Root

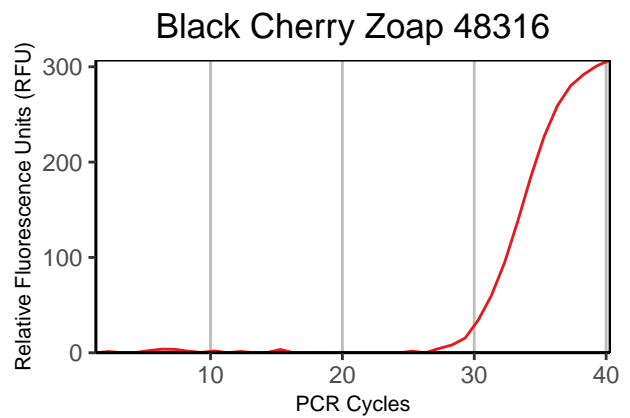
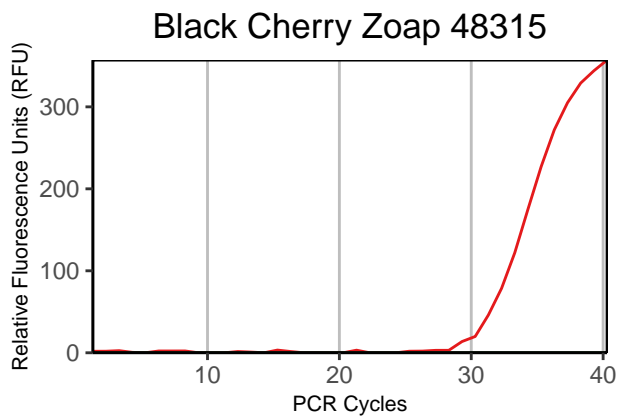
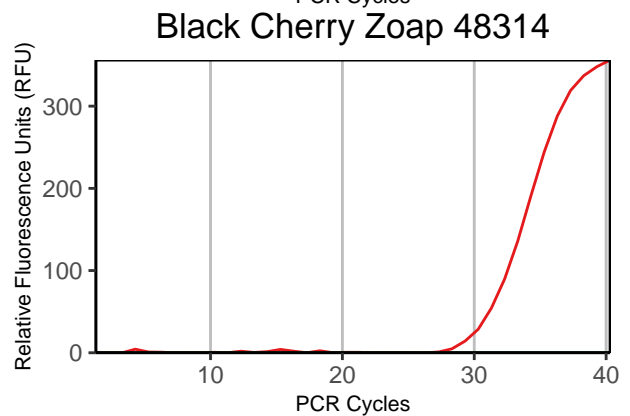
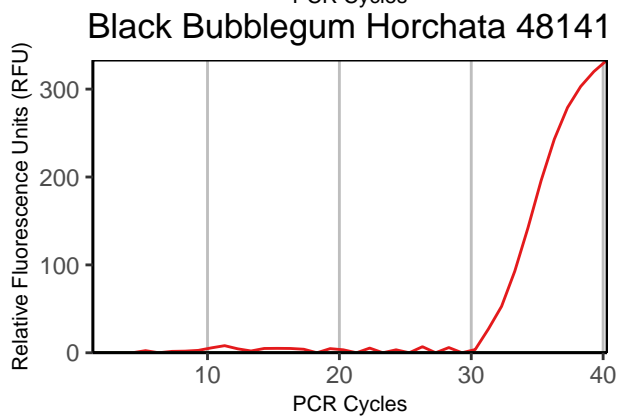
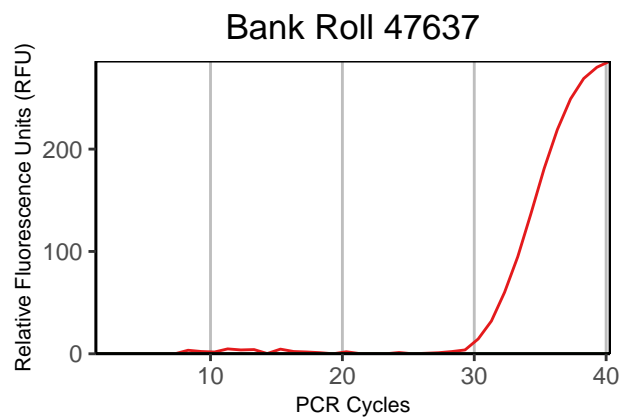
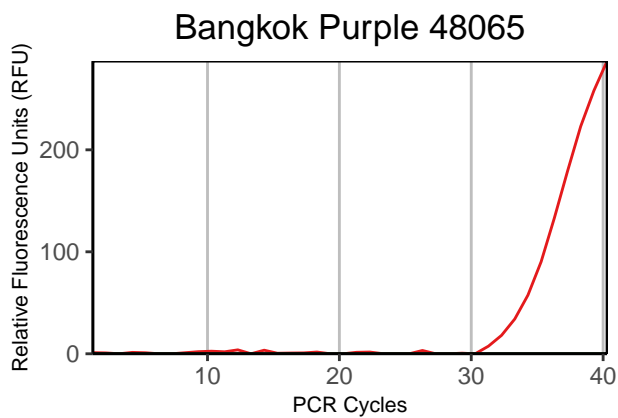
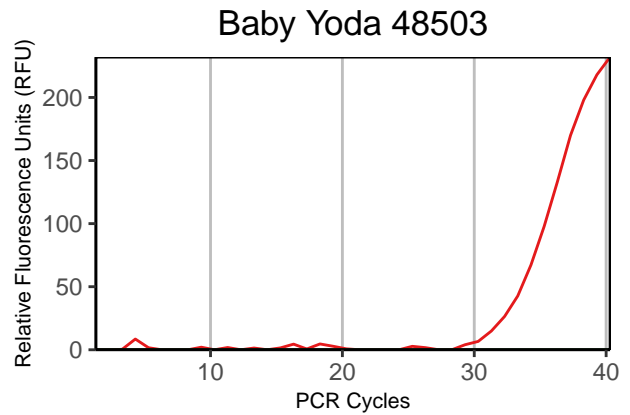
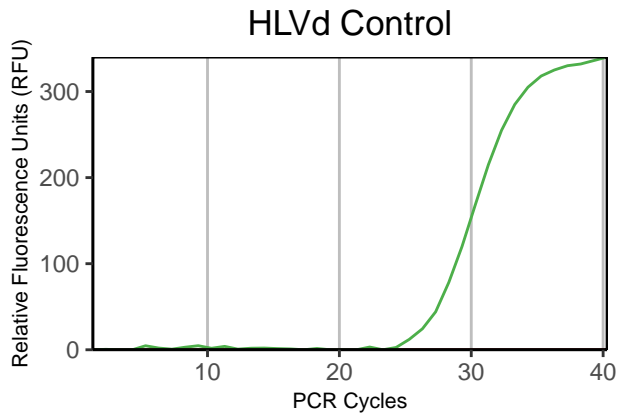
Hop Latent Viroid

Sample	Control	HLVd #2	HLVd Status	Sample Tested
Oishii 48514	26.18	-	-	Root
Orange Starburst 48526	28.54	-	-	Root
Peach Guavaz 48516	29.07	-	-	Root
Permanent Sunset 47972	29.84	-	-	Root
Pineapple Jager 04	27.98	-	-	Root
Pineapple Jager 05	29.79	-	-	Root
Pineapple Jager 07	27.98	-	-	Root
Pineapple Jager 08	28.55	-	-	Root
Pineapple Jager 09	29.52	-	-	Root
Pineapple Jager 11	29.04	-	-	Root
Pineapple Jager 15	28.5	-	-	Root
Pineapple Jager 48401	29.54	-	-	Root
Pink Z 48614	28.67	-	-	Root
Prezzure 48492	29.98	-	-	Root
Purple Chemdawg 48064	29.53	-	-	Root
Red Eyes 48518	28.47	-	-	Root
Red Hotz 48512	29.44	-	-	Root
Red Lemons 48497	26.93	-	-	Root
Riri 48505	29.37	-	-	Root
Shiso 48496	27.93	-	-	Root
Sour BX3 48504	27.96	-	-	Root
Sour Chem 48524	28.5	-	-	Root

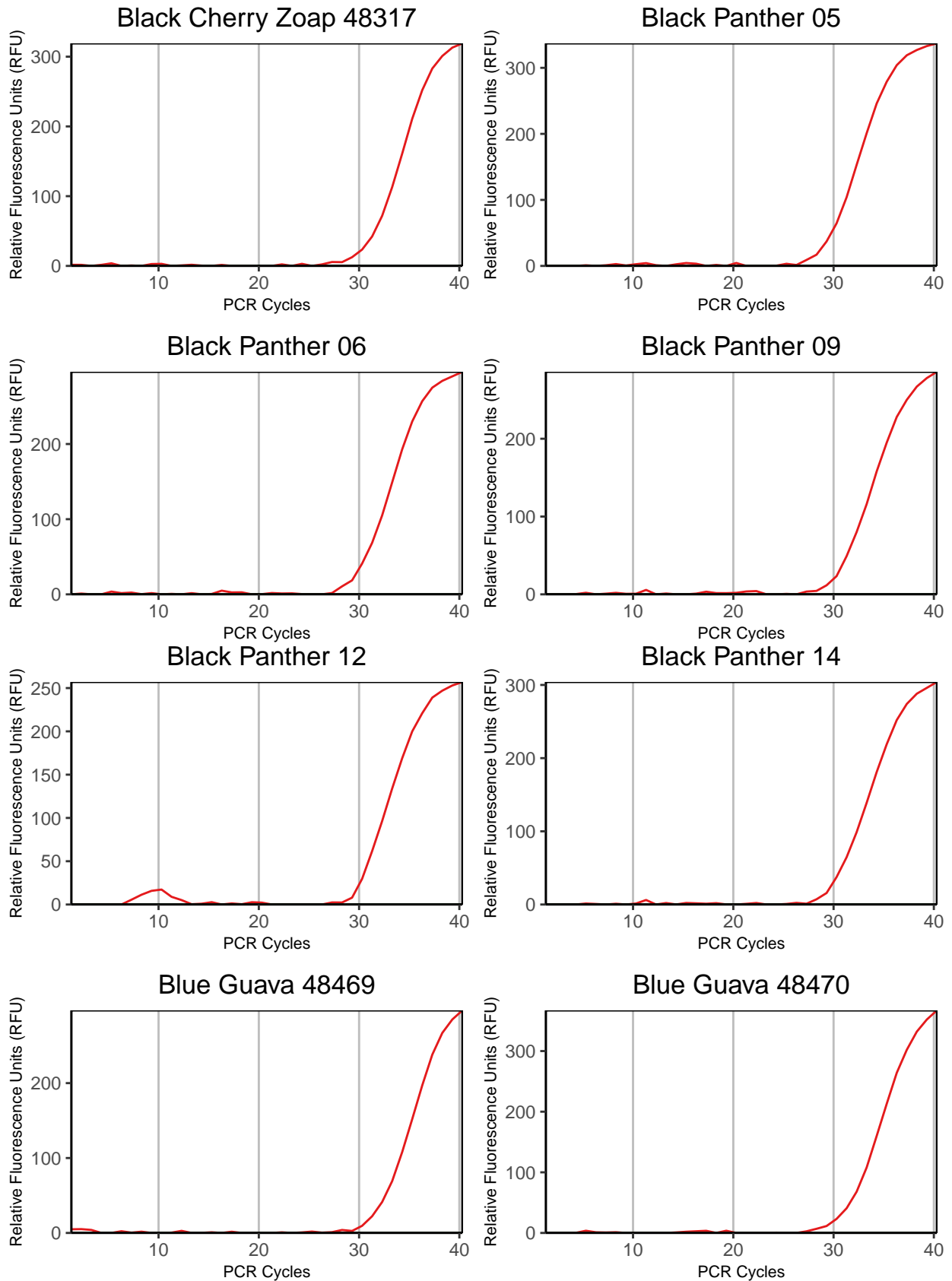
**Amplification Plots:**

RED = Control, GREEN = HLVd #2

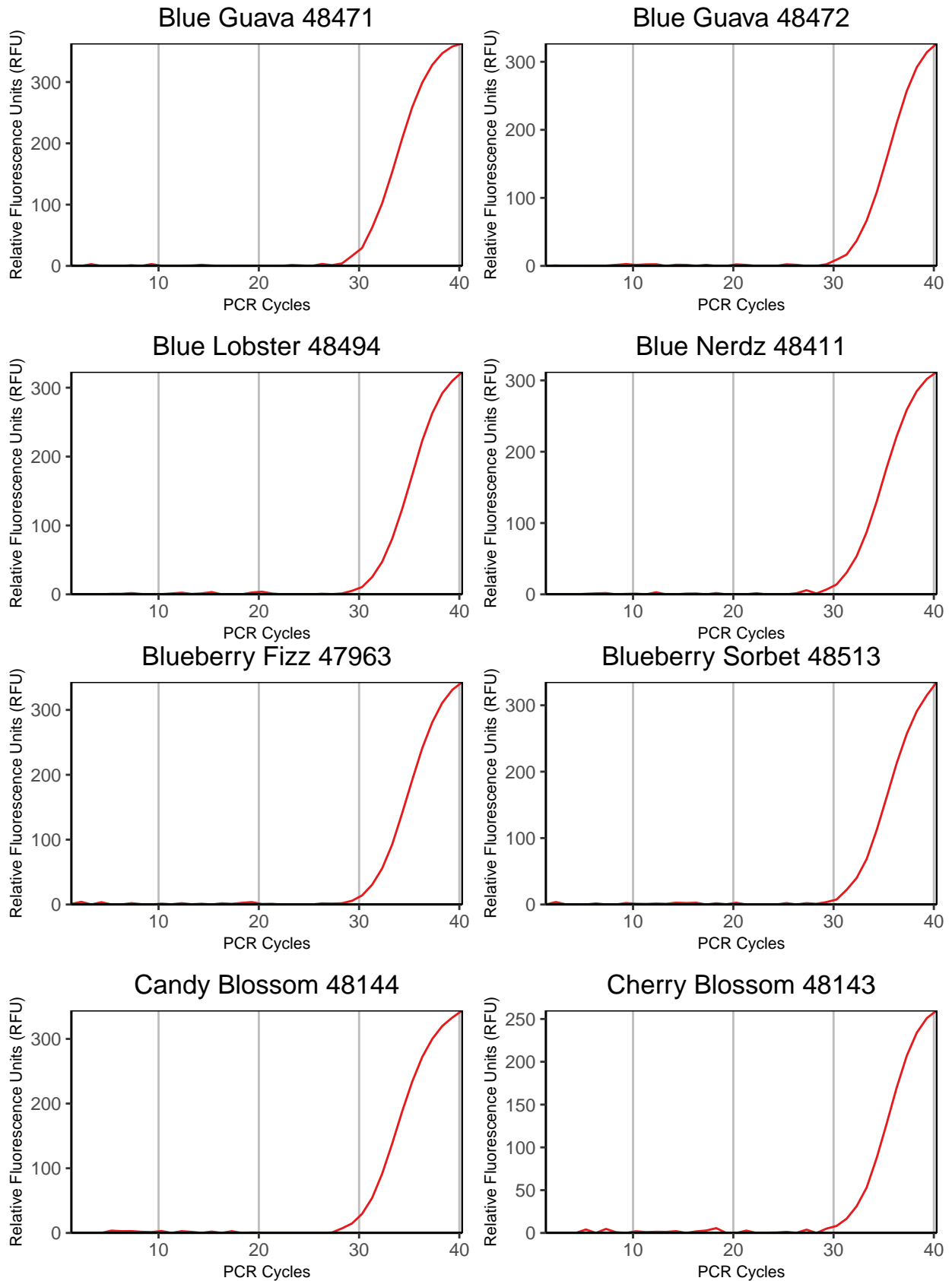
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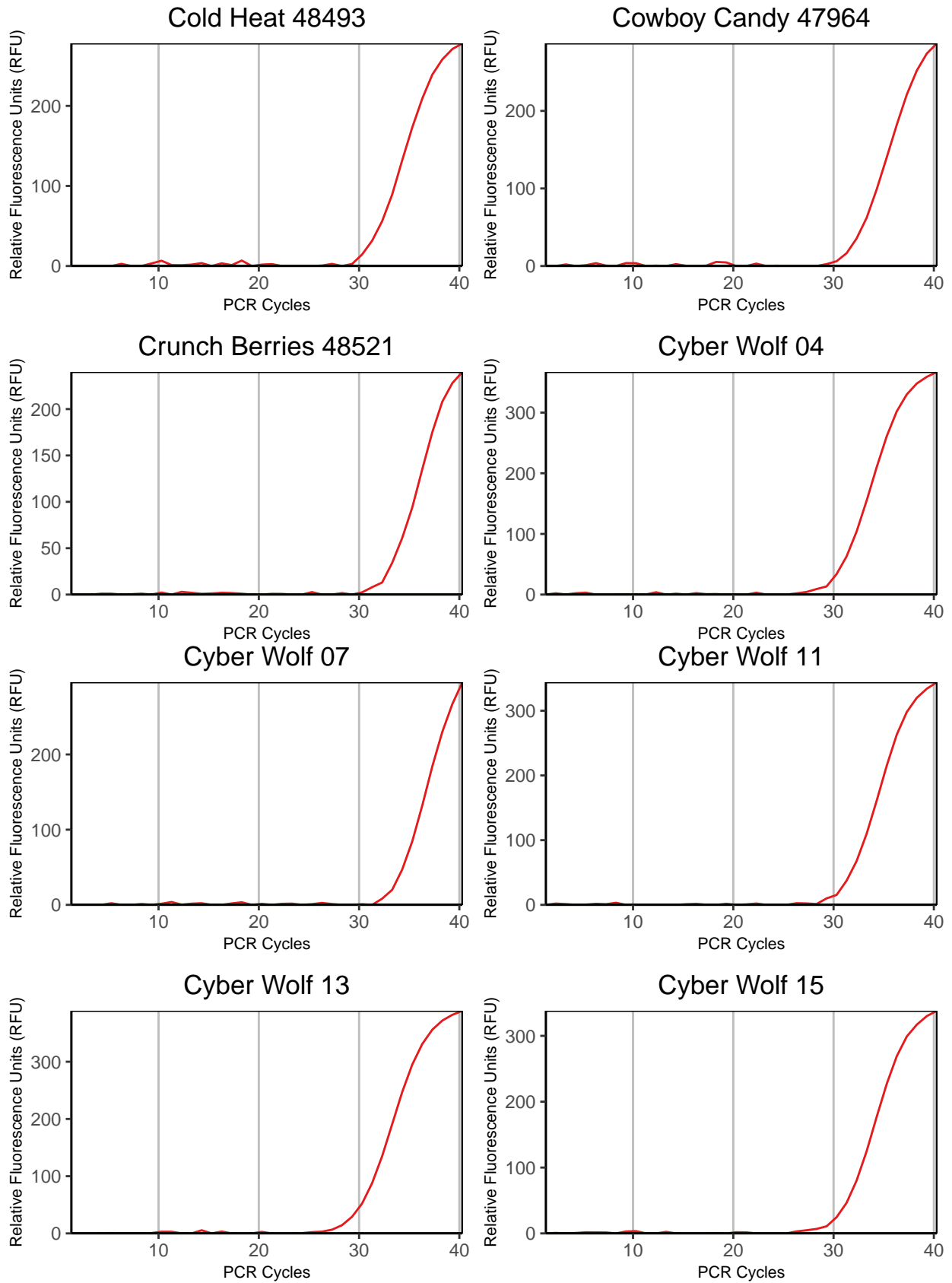
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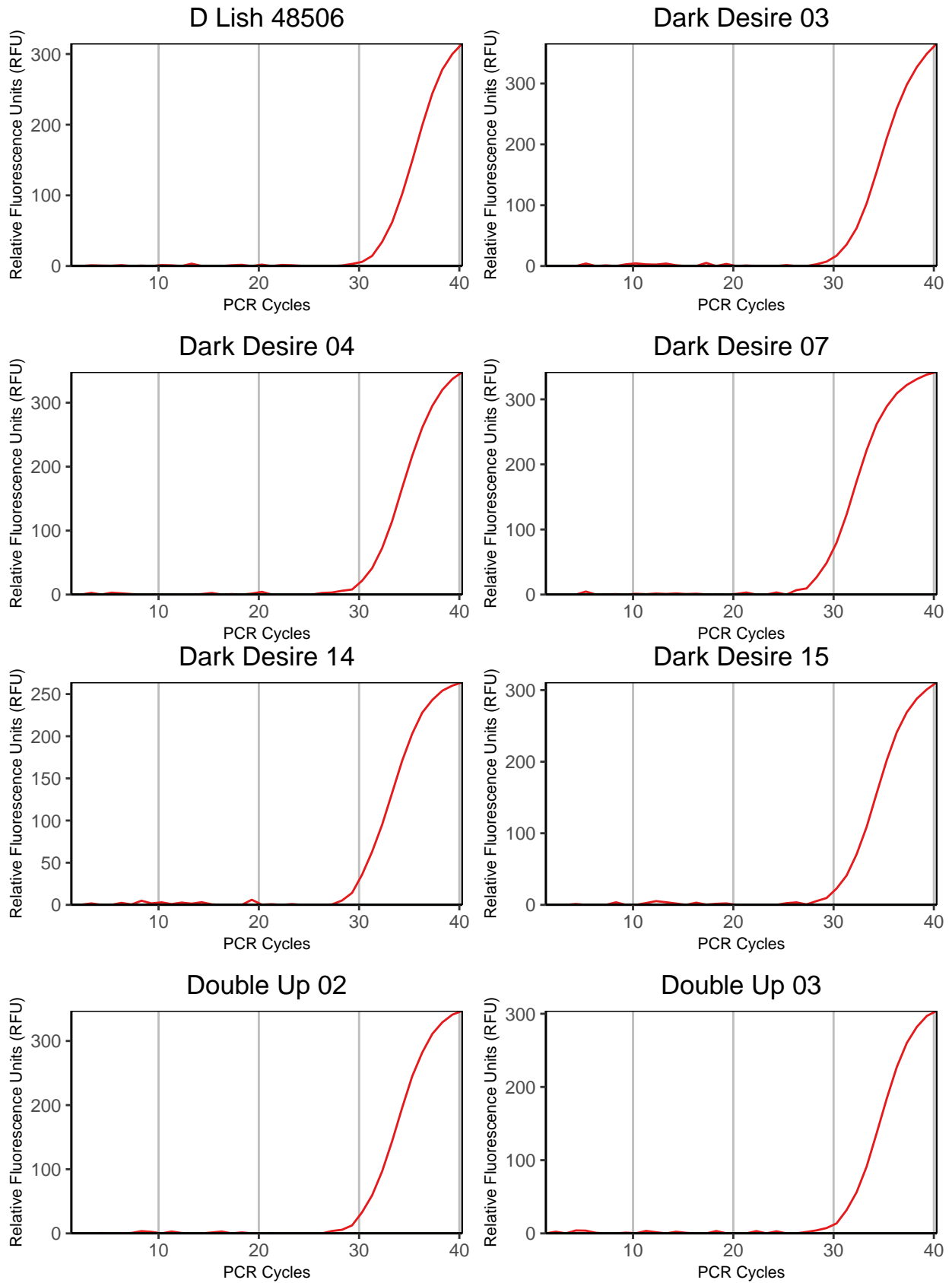
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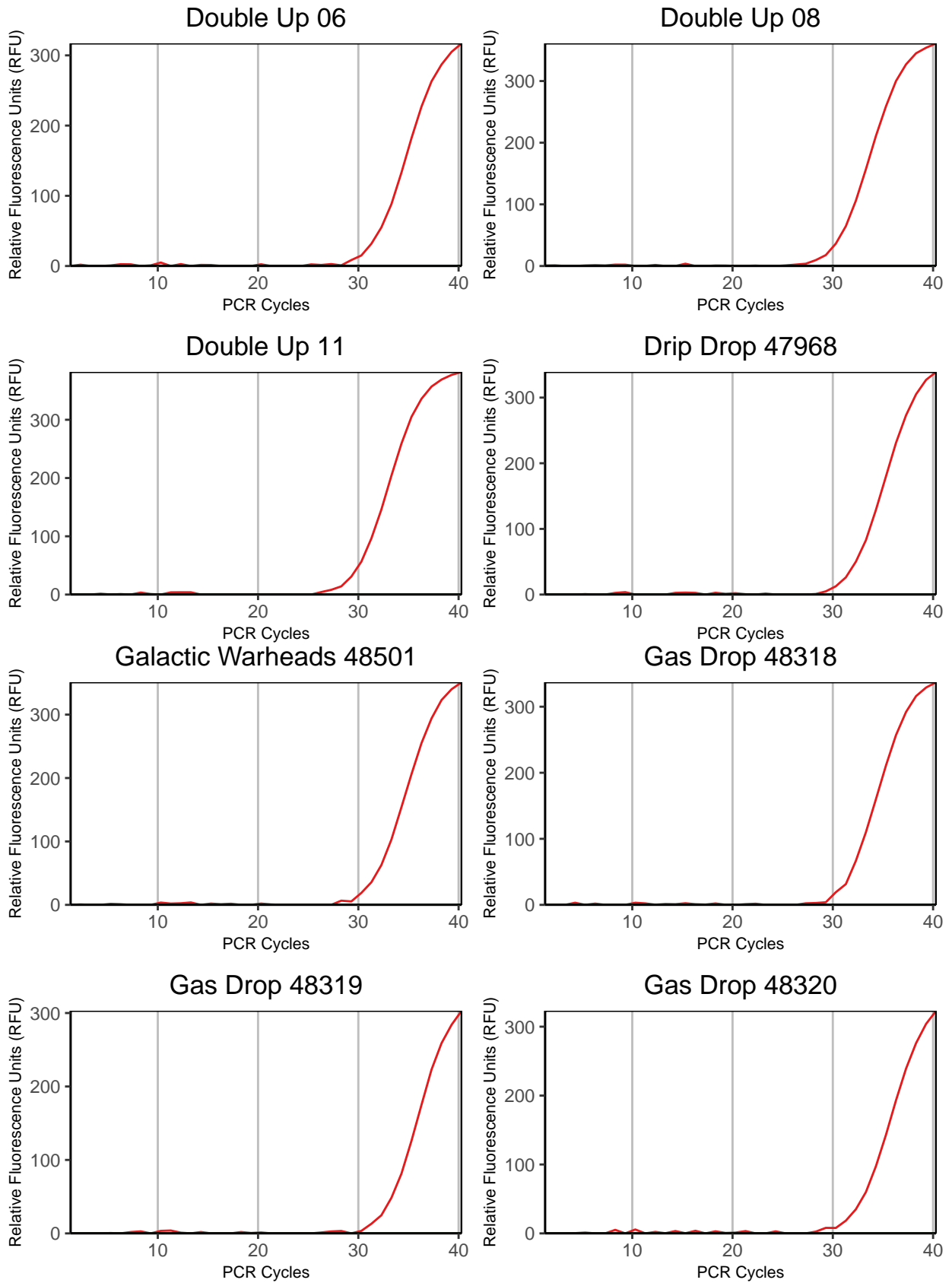
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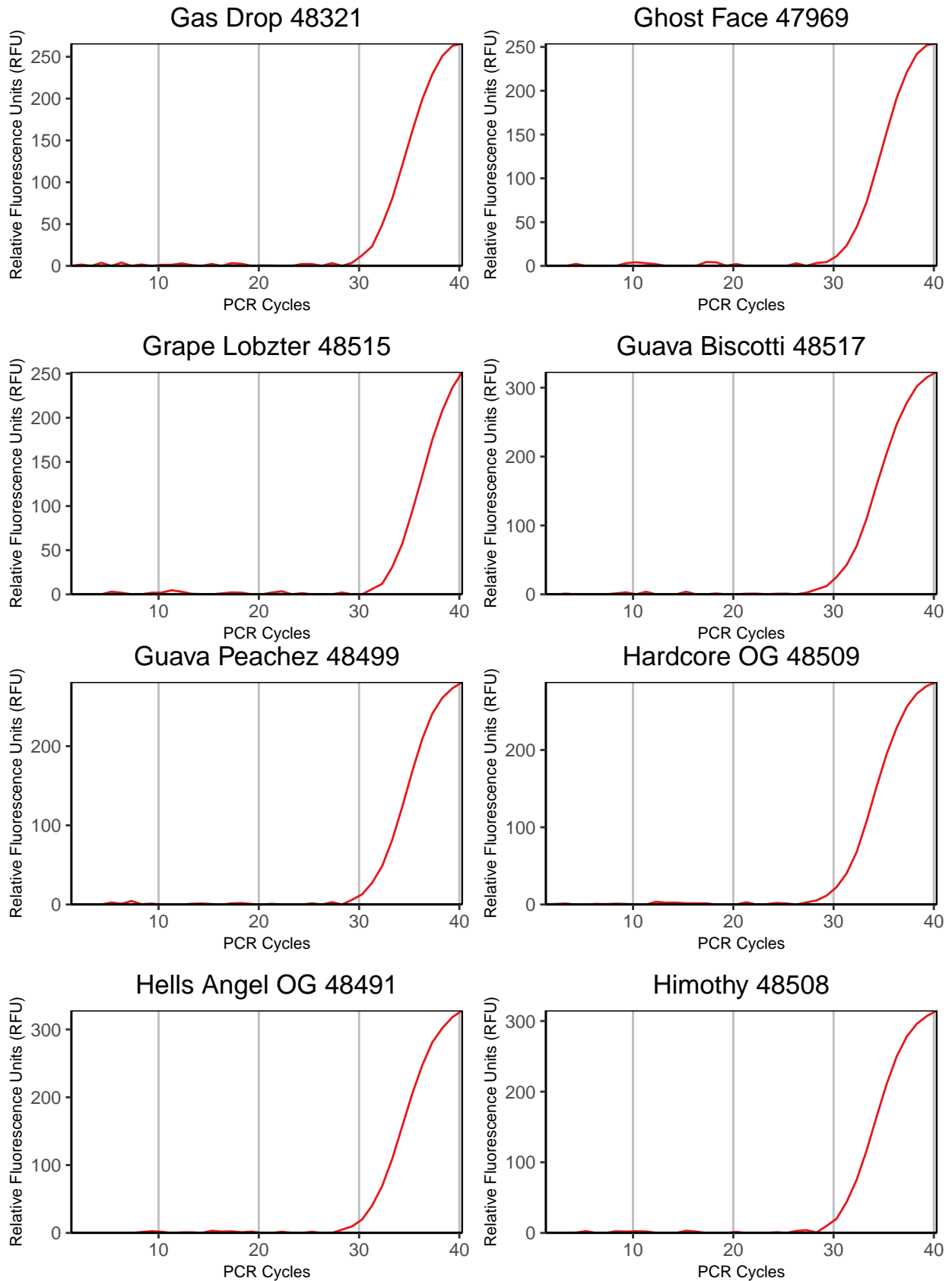
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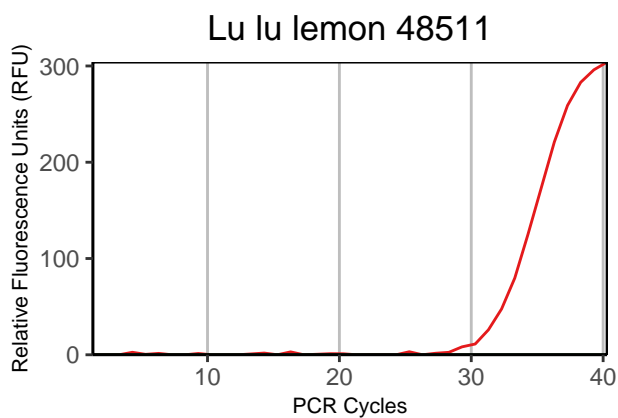
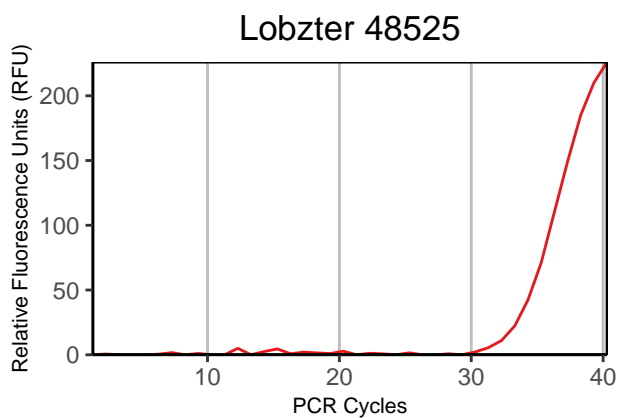
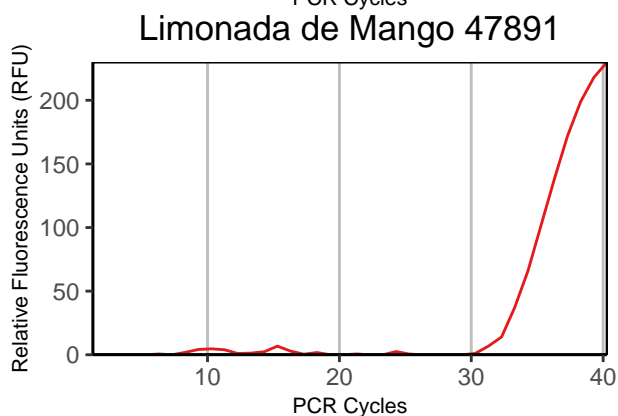
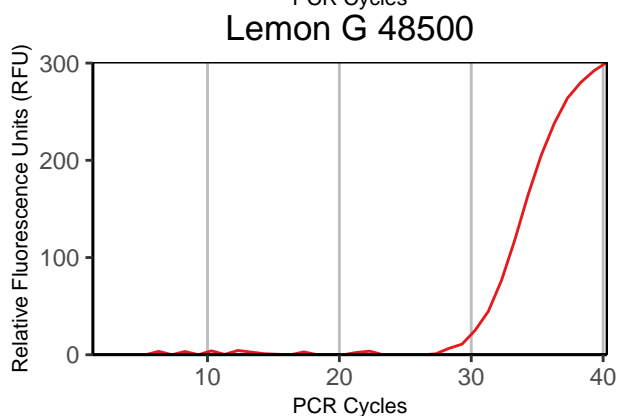
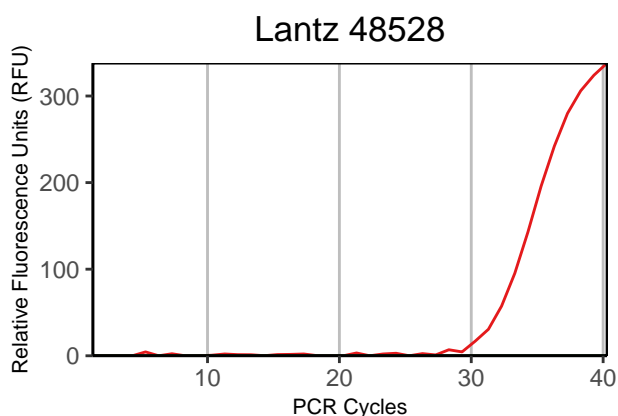
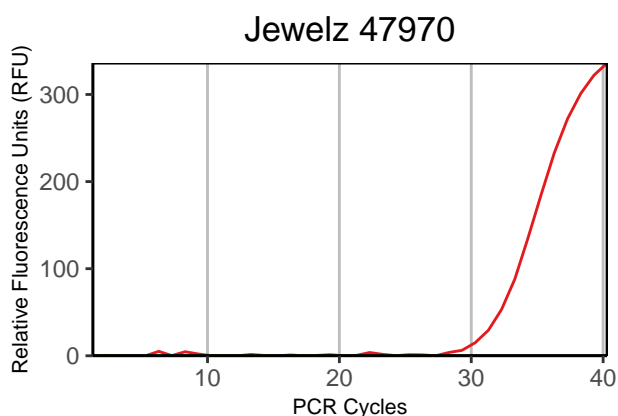
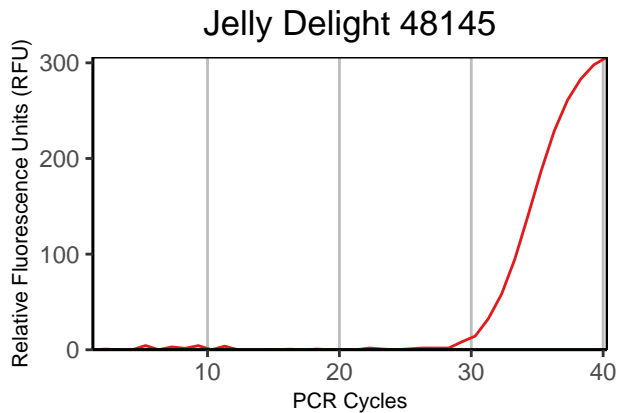
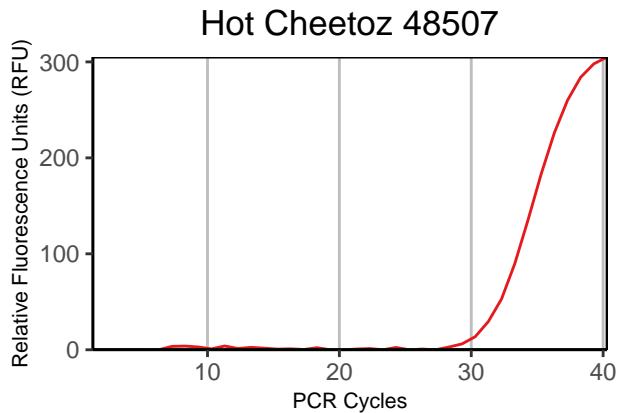
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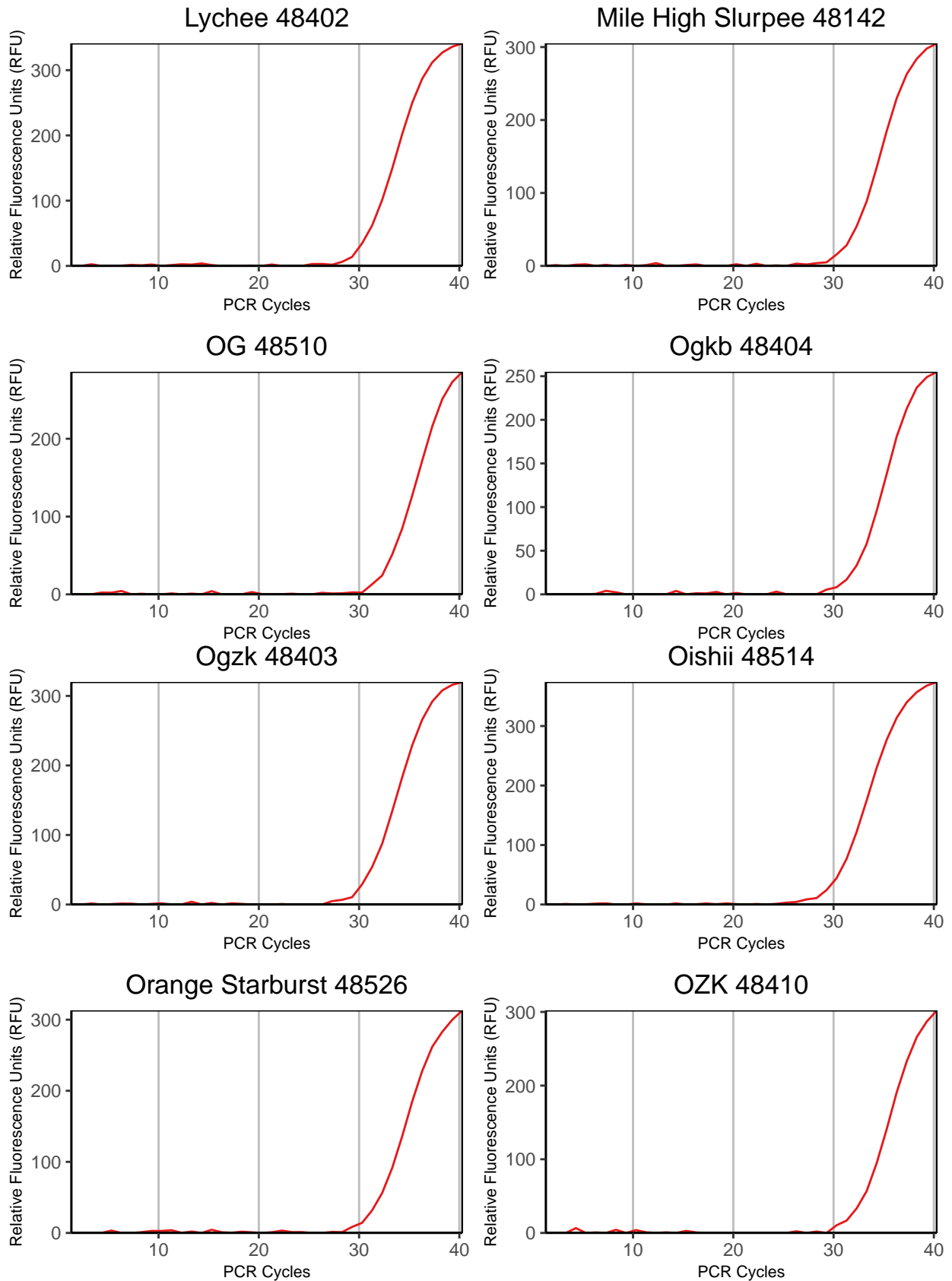
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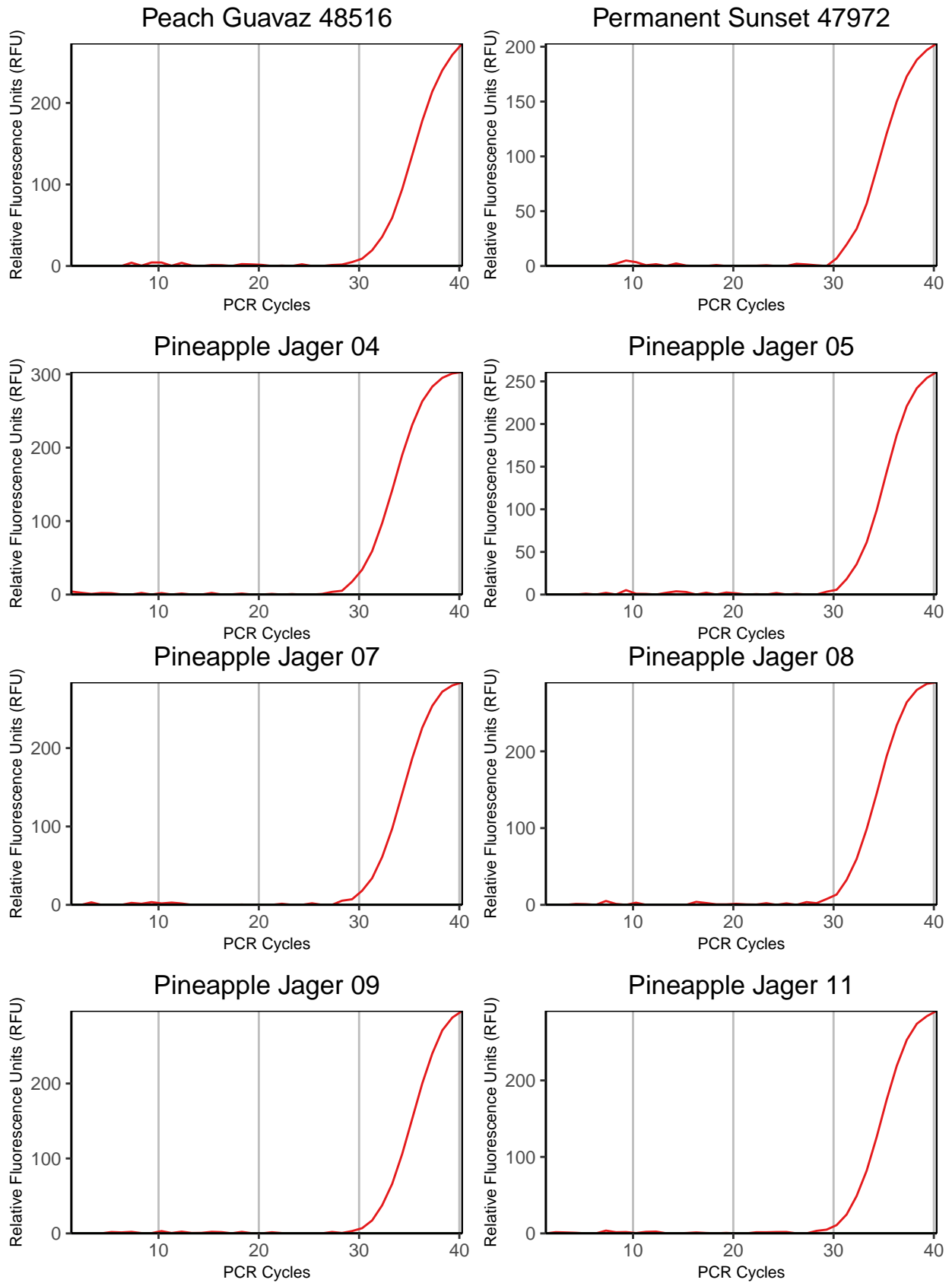
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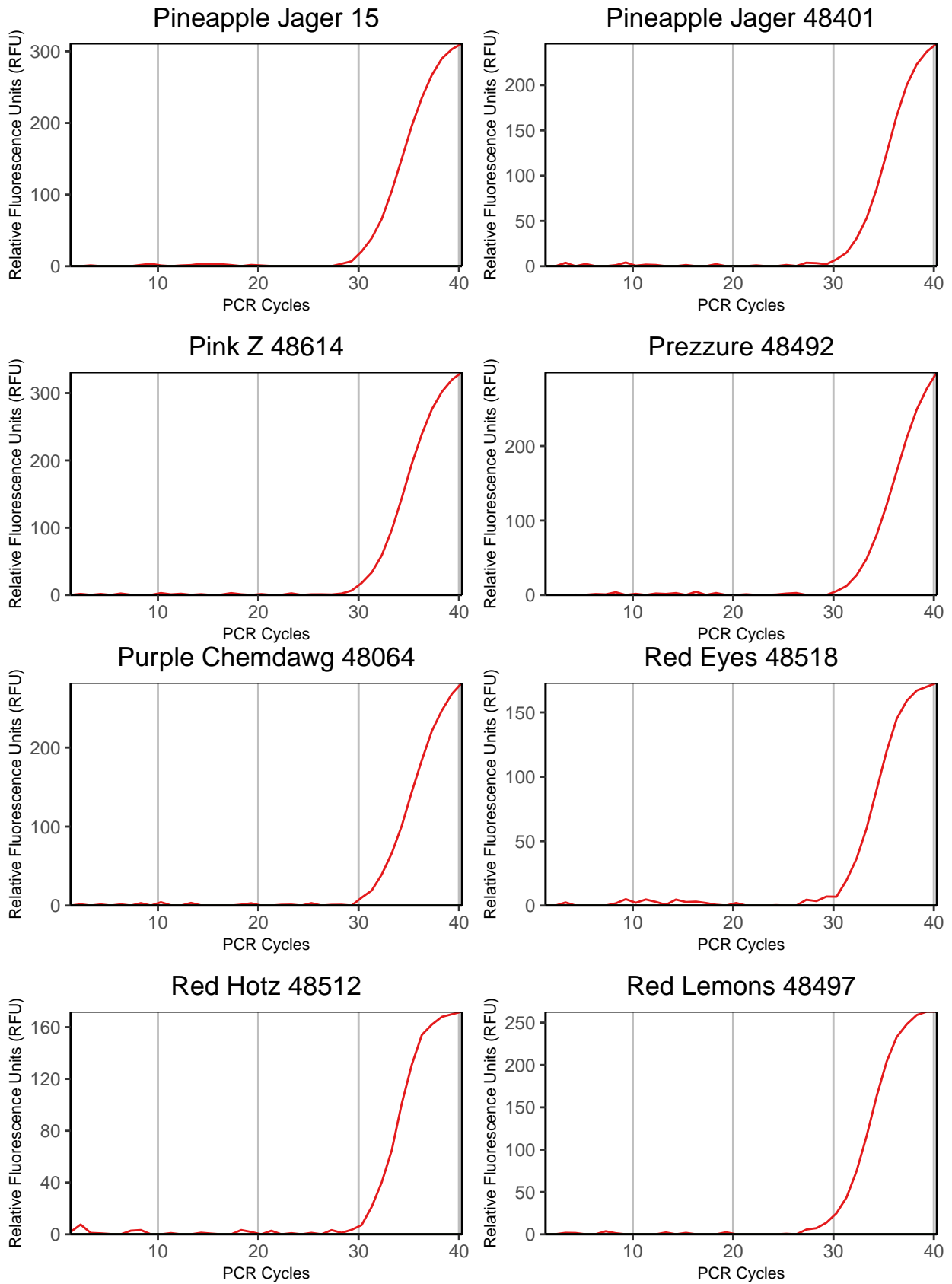
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Hop Latent Viroid



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