



# GENIELAB

TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1320

Target pathogen: Hop Latent Viroid

07 July 2023

**Order details:****Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 07/05/2023**Date Received:** 07/06/2023**Date Reported:** 07/07/2023**Total samples:** 80**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>

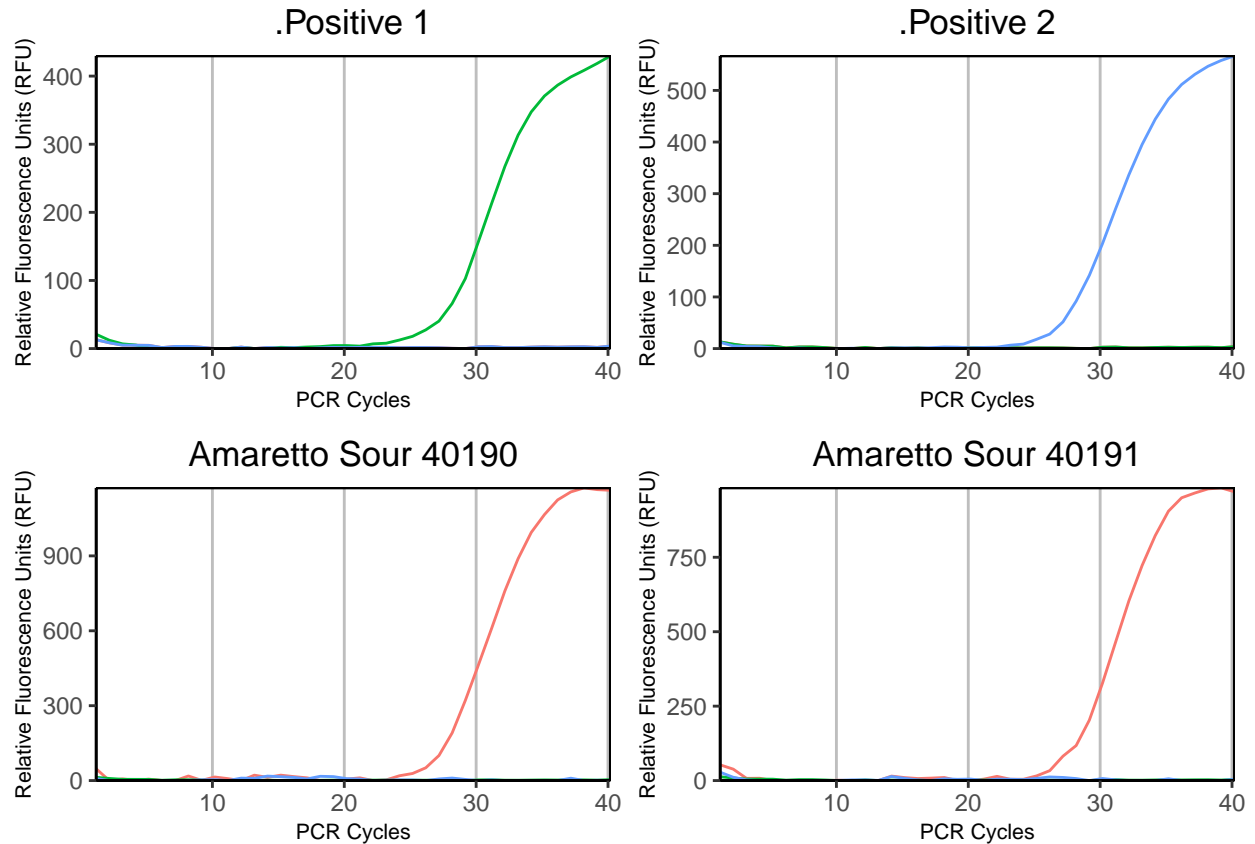
Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	28.03	-	+
.Positive 2	-	-	26.62	+
Amaretto Sour 40190	26.68	-	-	-
Amaretto Sour 40191	27.12	-	-	-
Apples & Bananas 39395	25.89	-	-	-
Apples & Bananas 39396	26.43	-	-	-
Apples & Bananas 39397	27.32	-	-	-
Apples & Bananas 39398	26.31	-	-	-
Apples & Bananas 39399	26.37	-	-	-
Banana Bread 40192	26.23	-	-	-
Banana Bread 40193	25.58	-	-	-
Banana Cooler 40194	27	-	-	-
Banana Cooler 40195	26.77	-	-	-
Zonkerz 40196	27.74	-	-	-
Zonkerz 40197	27.51	-	-	-

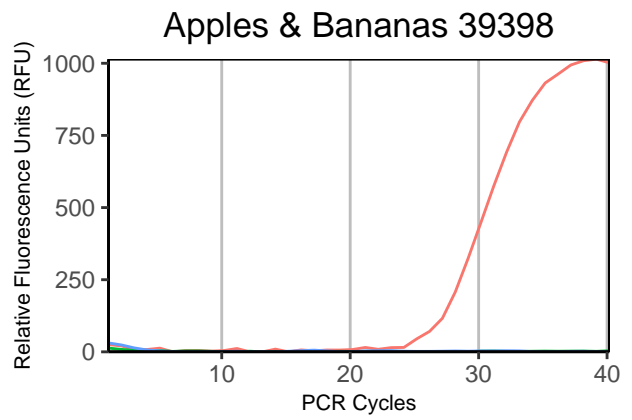
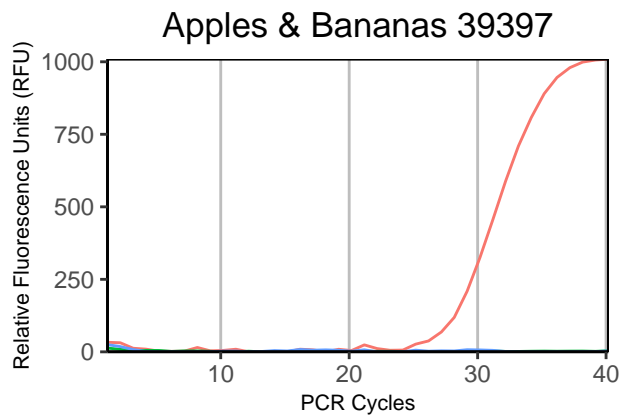
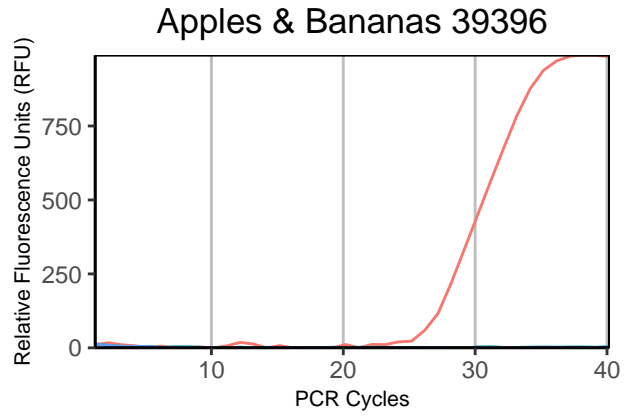
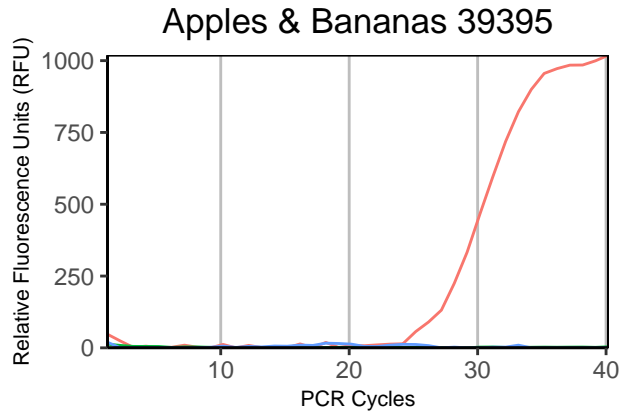
Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Cereal Milk 39400	25.59	-	-	-
Cereal Milk 39401	26.01	-	-	-
Coconut Milk 40198	25.48	-	-	-
Coconut Milk 40199	29.82	-	-	-
Concrete Jungle 40200	27.27	-	-	-
Concrete Jungle 40201	27.98	-	-	-
Cream Filling 38961	27.4	-	-	-
Cream Filling 38962	27	-	-	-
Cream Filling 38963	24.24	-	-	-
Cream Filling 38964	26.5	-	-	-
Cream Filling 38965	25.47	-	-	-
Cream Filling 38966	28.88	-	-	-
Cream Filling 38967	26.32	-	-	-
Cream Filling 38968	27.76	-	-	-
Double Shots 40202	29.01	-	-	-
Double Shots 40203	28.64	-	-	-
E85 40204	27.94	-	-	-
E85 40205	26.38	-	-	-
Fish Scale 40206	28.14	-	-	-
Fish Scale 40207	28.4	-	-	-
Frosted Flakez 39402	26.56	-	-	-
Frosted Flakez 39403	25.69	-	-	-
Frosted Flakez 39404	26.59	-	-	-
Frosted Flakez 39405	27.22	-	-	-
Frosted Flakez 39406	27.14	-	-	-
Frosted Flakez 39407	27.24	-	-	-
Gary Eyes 40208	27.3	-	-	-
Gary Eyes 40209	26.57	-	-	-
GMO Cookies 38661	26.91	-	-	-
GMO Cookies 38662	27.16	-	-	-
Grapes & Cream 39408	26.63	-	-	-
Grapes & Cream 39409	27.52	-	-	-
Grapes & Cream 39410	26.46	-	-	-
Grapes & Cream 39411	27.14	-	-	-
Gush Mints 39412	26.53	-	-	-
Gush Mints 39413	26.02	-	-	-
Gush Mints 39414	27.55	-	-	-
Gush Mints 39415	28.15	-	-	-
Island Cookies 7503 40210	28.39	-	-	-
Island Cookies 7503 40211	28.81	-	-	-
Island Cookies 7504 40224	27.96	-	-	-
Island Cookies 7504 40225	30.22	-	-	-
Jackie Robinson 40212	27.2	-	-	-
Jackie Robinson 40213	27.08	-	-	-
Jealousy 39416	29.57	-	-	-
Jealousy 39417	29.89	-	-	-
Jealousy 39418	21.14	-	-	-
Jealousy 39419	27.46	-	-	-
Jealousy 39420	27.72	-	-	-
Jelly Breath 39421	26.52	-	-	-
Jelly Breath 39422	29.02	-	-	-
Jelly Breath 39423	30.21	-	-	-

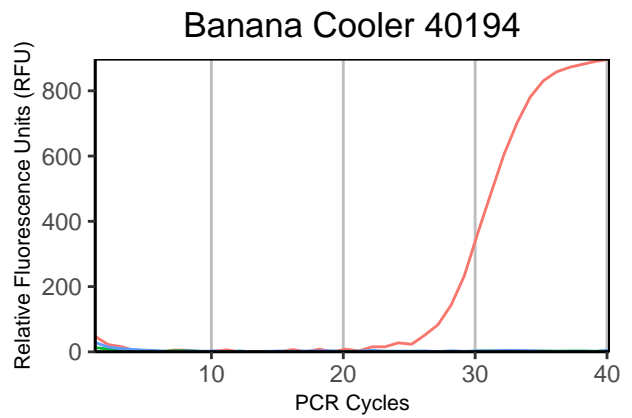
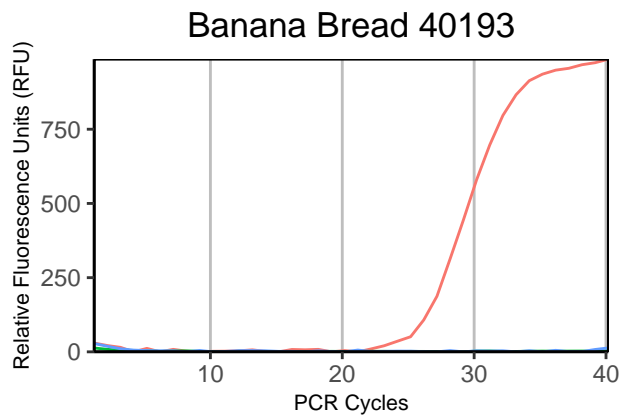
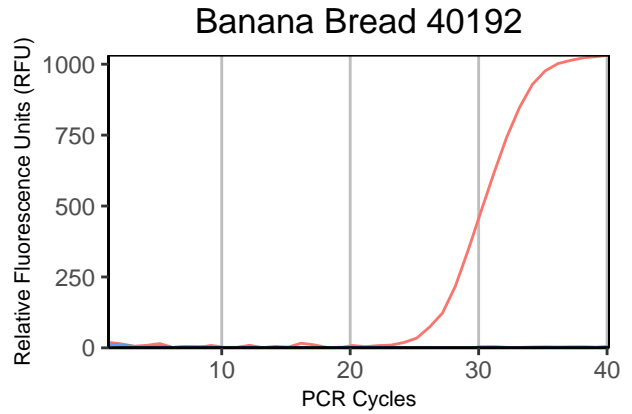
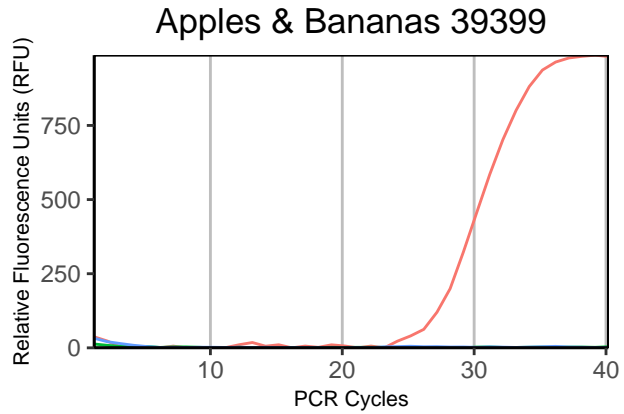
Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Jelly Breath 39424	27.98	-	-	-
Jelly Breath 39425	27.32	-	-	-
Jokerz 39039	28.25	-	-	-
Jokerz 39040	26.97	-	-	-
Jokerz 39041	26.66	-	-	-
Jungle Juice 39426	27.28	-	-	-
Jungle Juice 39427	28.75	-	-	-
Jungle Juice 39428	28.08	-	-	-
Jungle Juice 39429	27.07	-	-	-
Jungle Juice 39430	29.96	-	-	-
Kush Crasher 39431	27.17	-	-	-
Kush Crasher 39432	27.31	-	-	-
Kush Crasher 39433	27.57	-	-	-
Kush Crasher 39434	28.44	-	-	-
Kush Crasher 39435	28.14	-	-	-

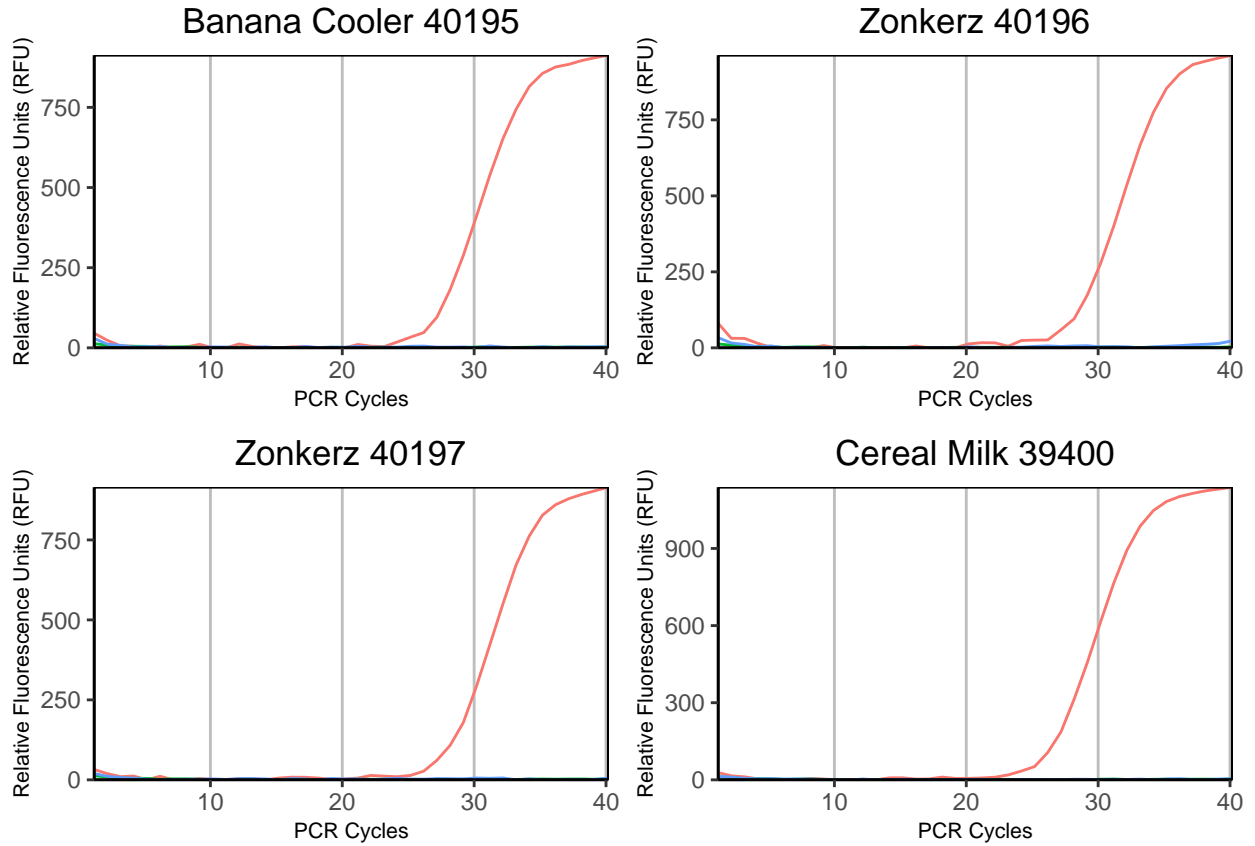
### Amplification Plots:

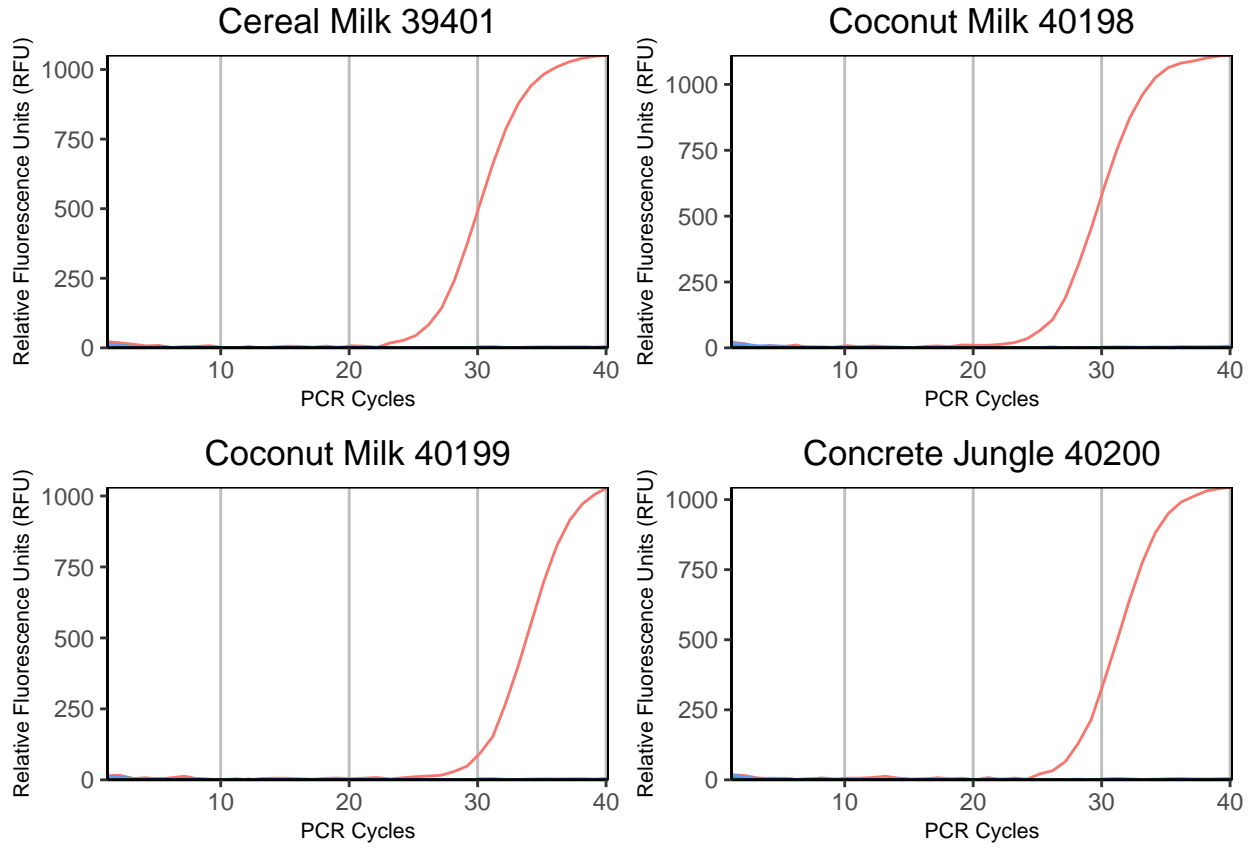
RED = Control, GREEN = HLVd target #1, and BLUE = HLVd target #2



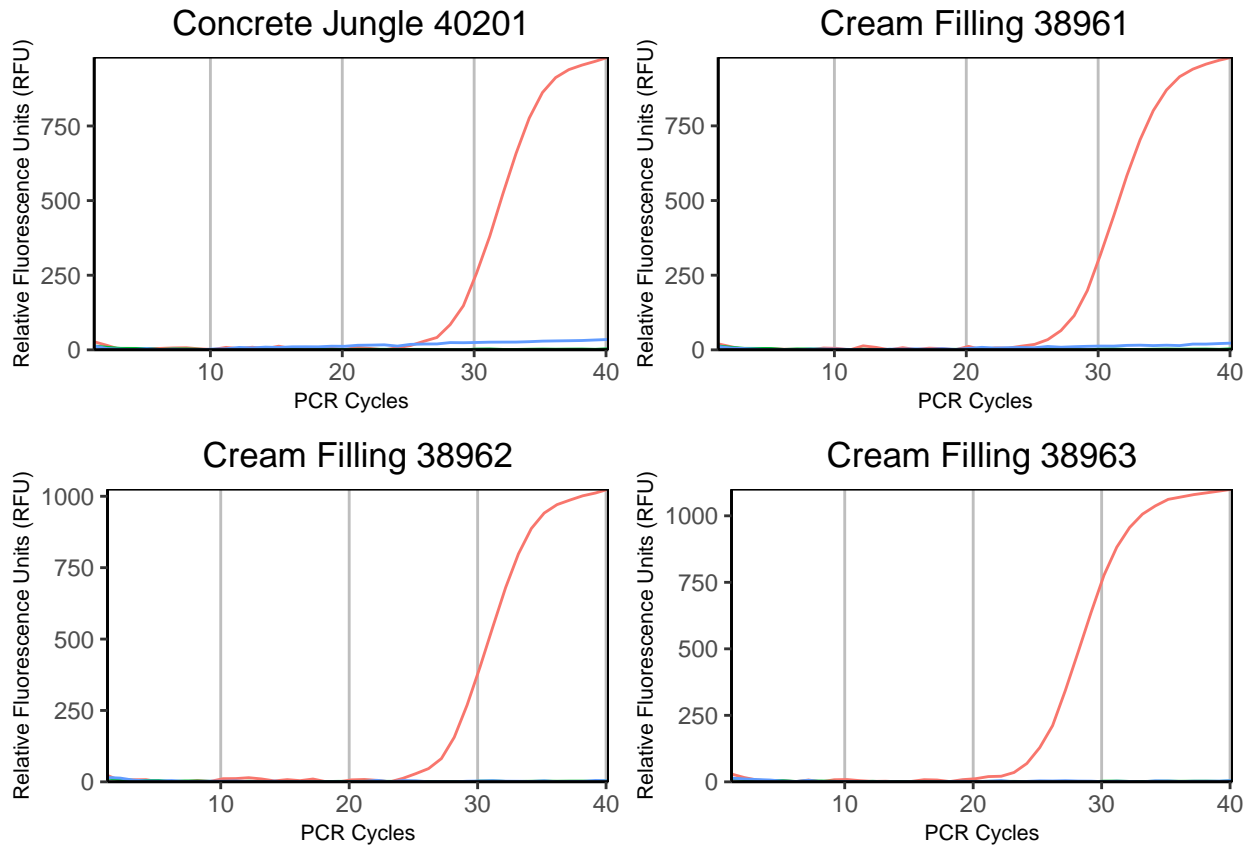


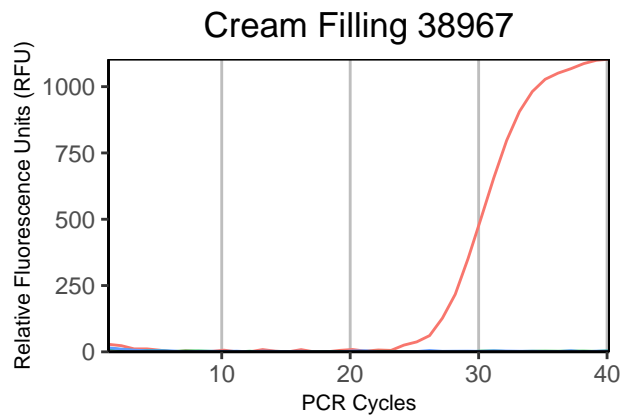
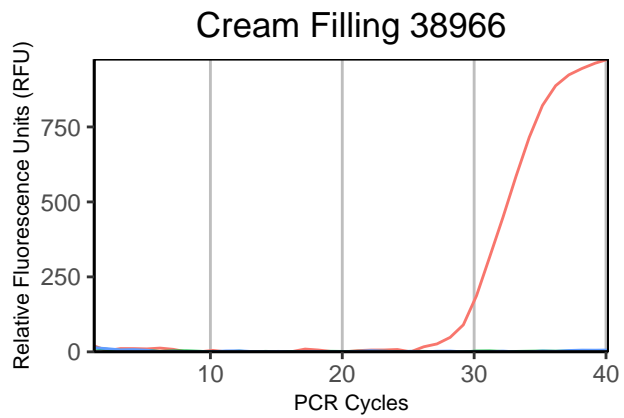
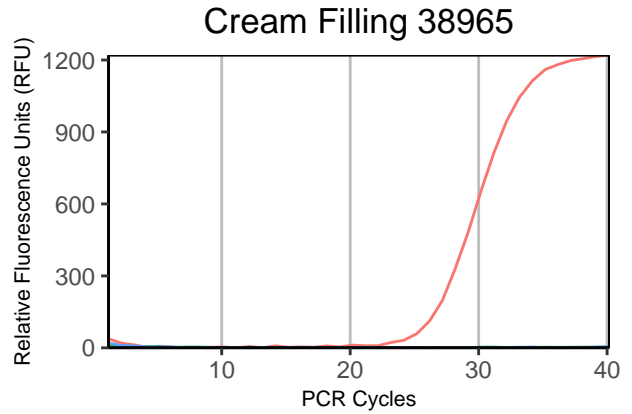
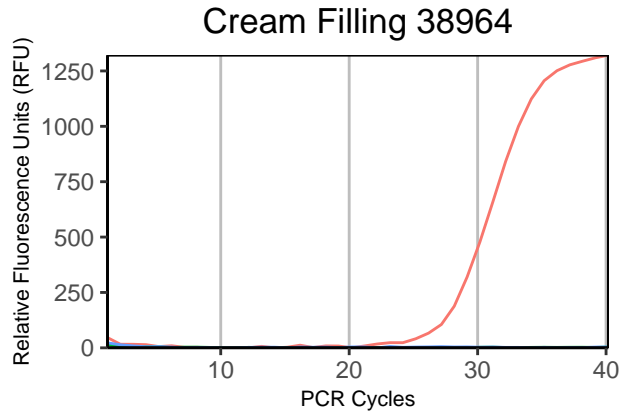


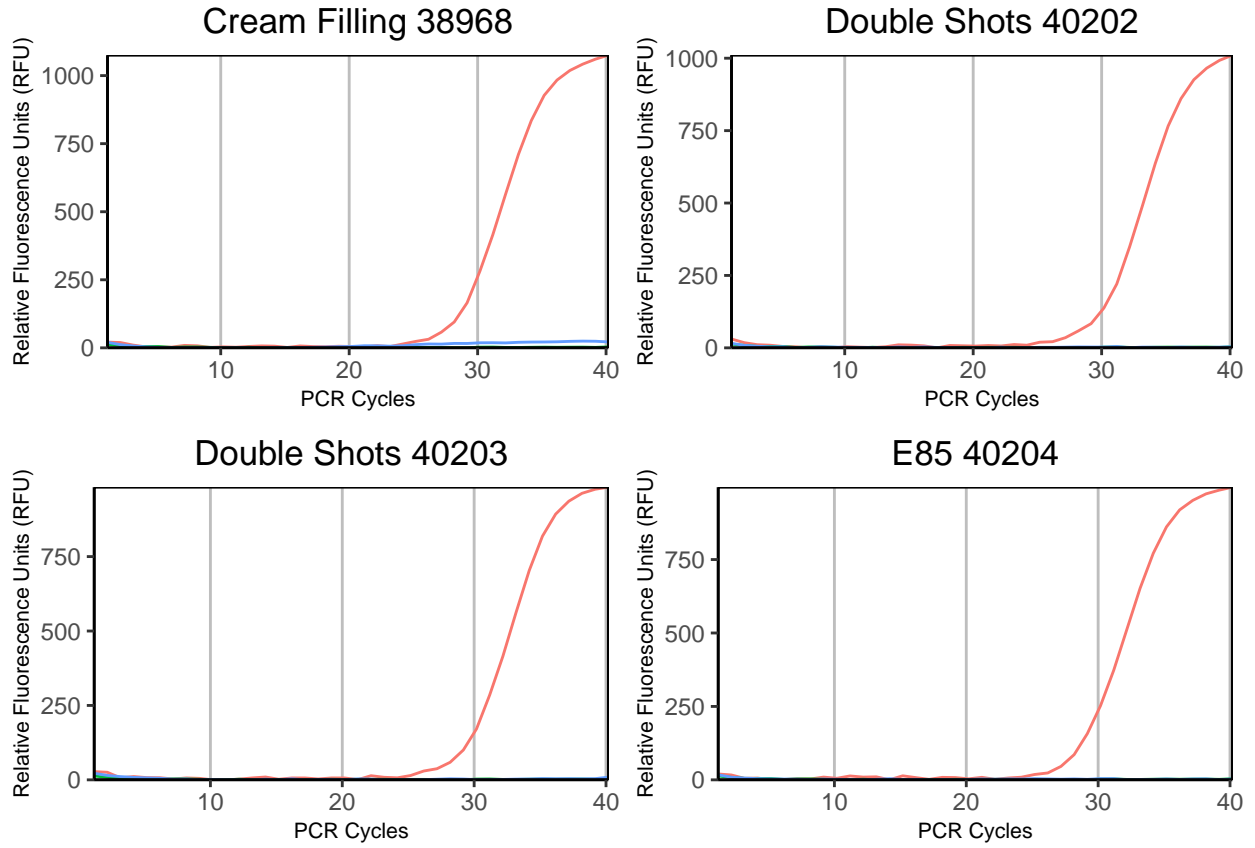


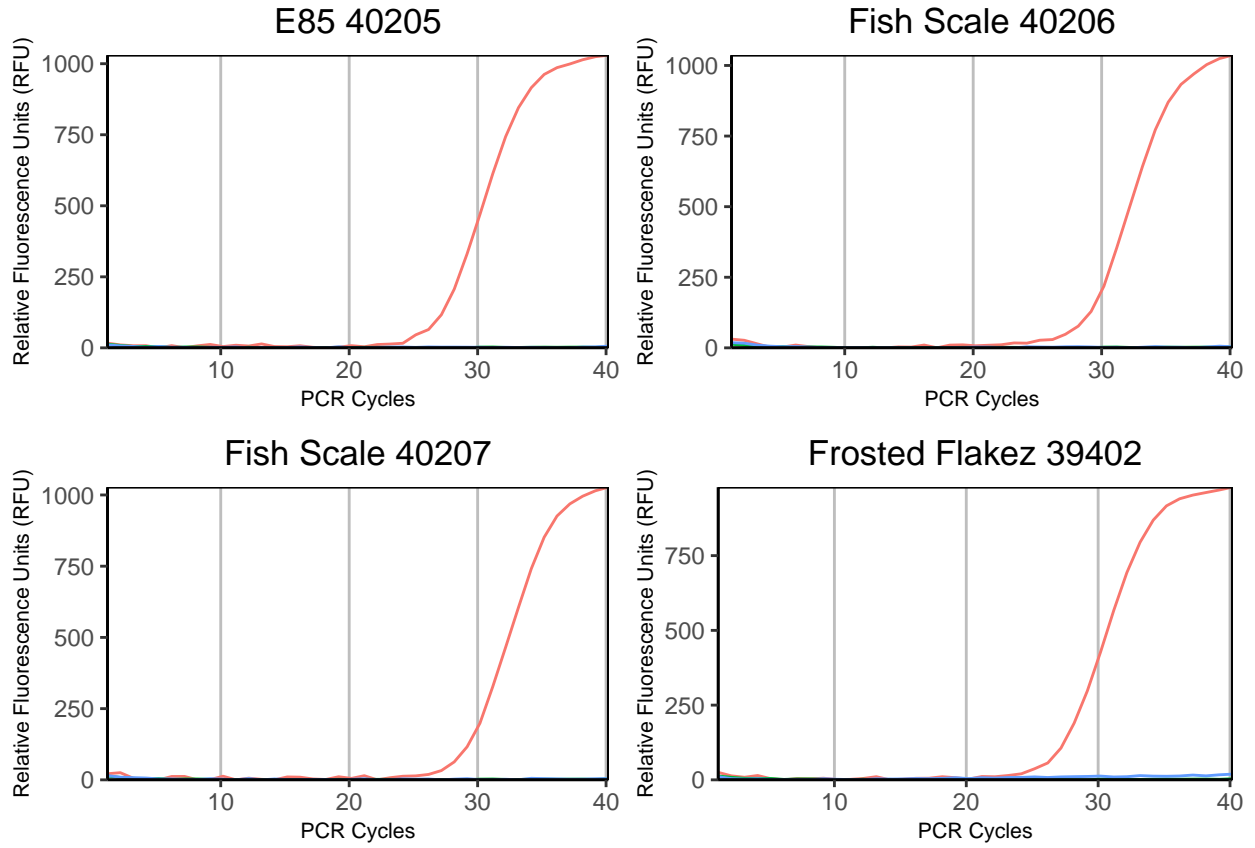


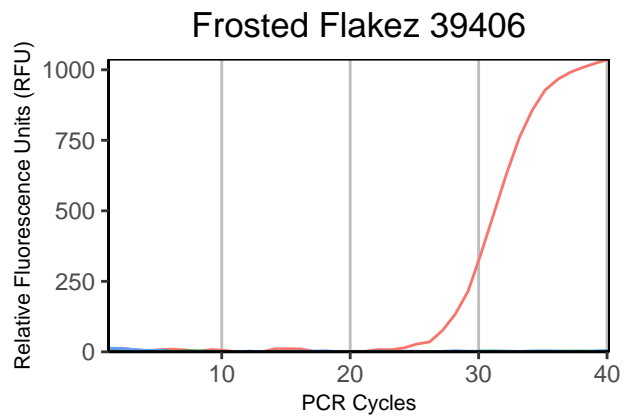
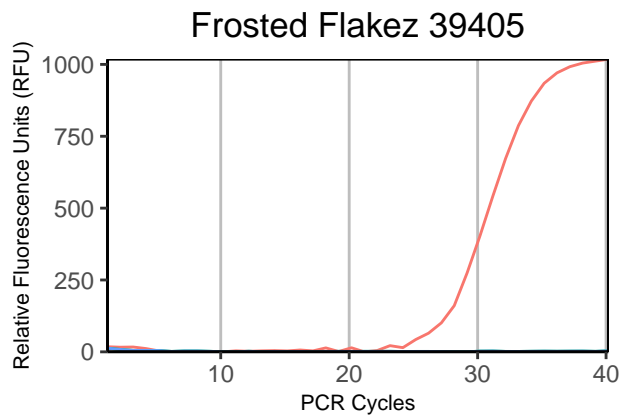
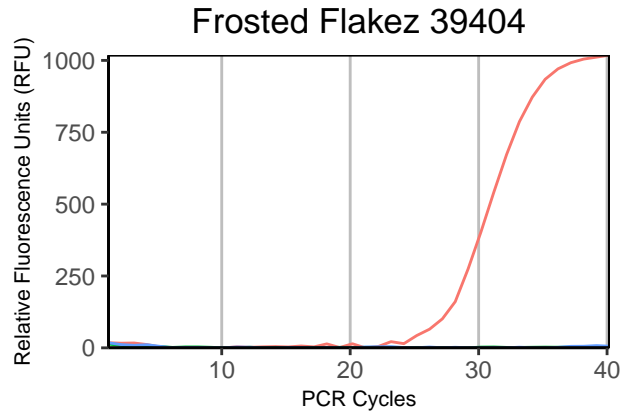
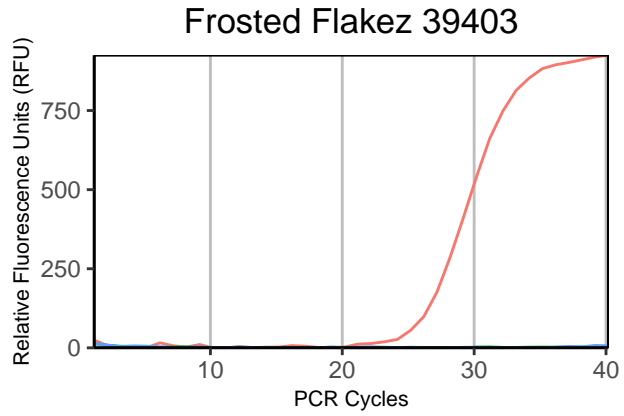


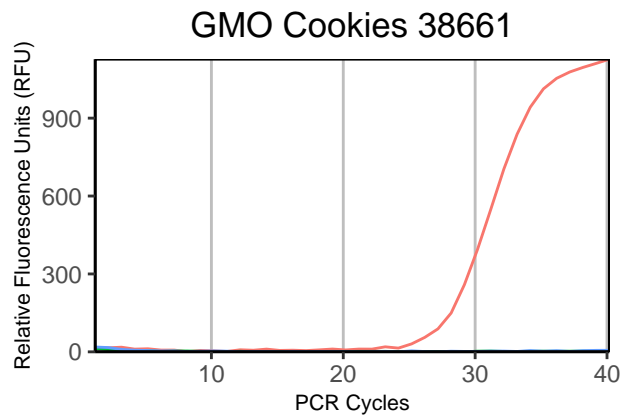
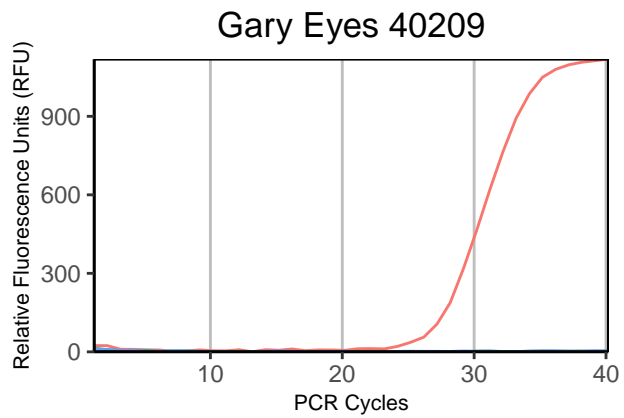
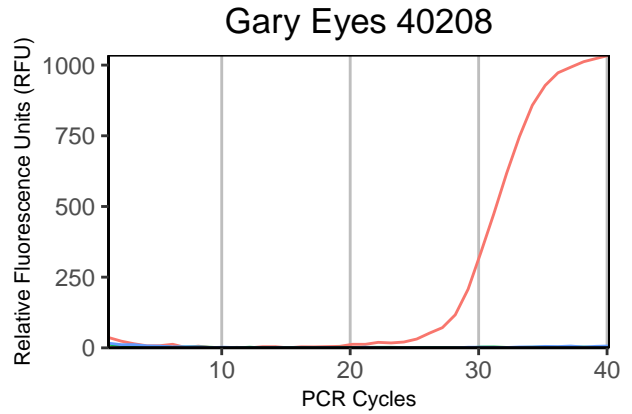
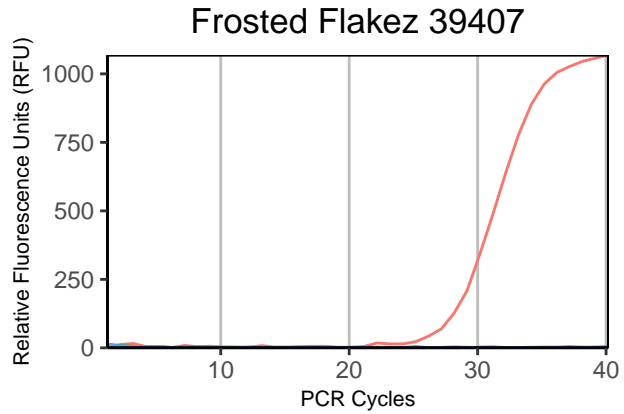


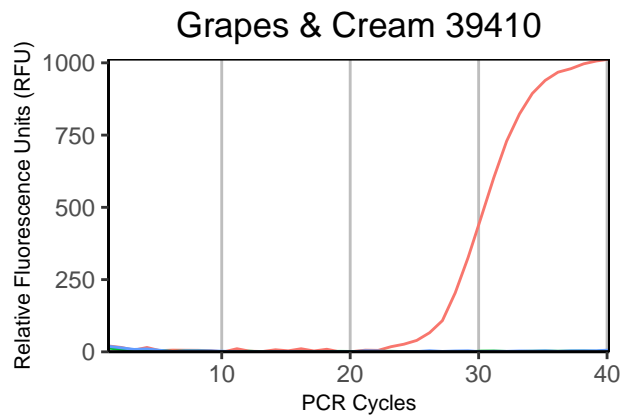
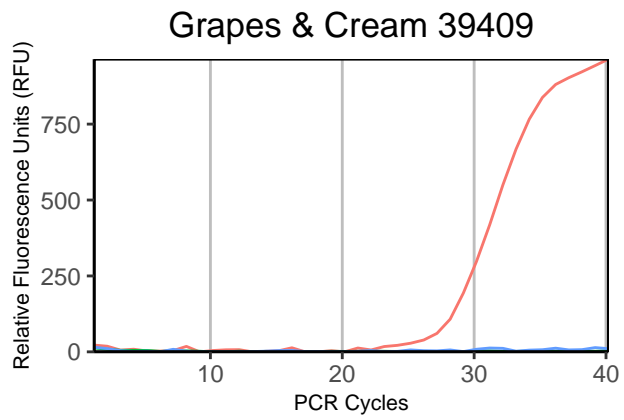
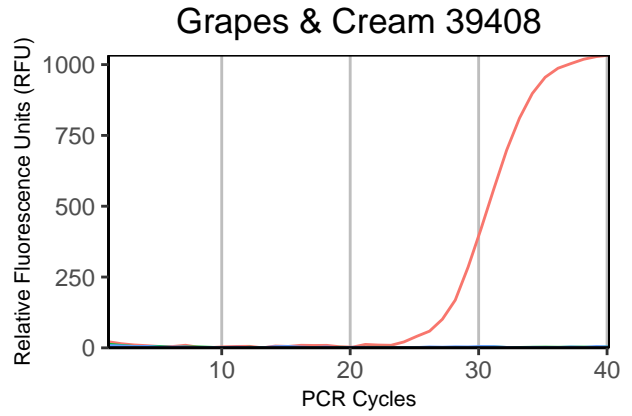
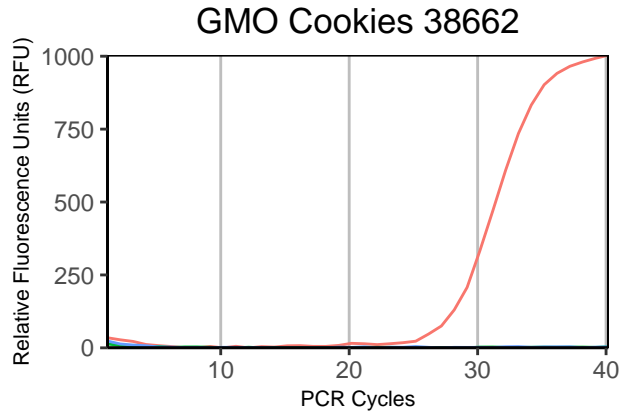


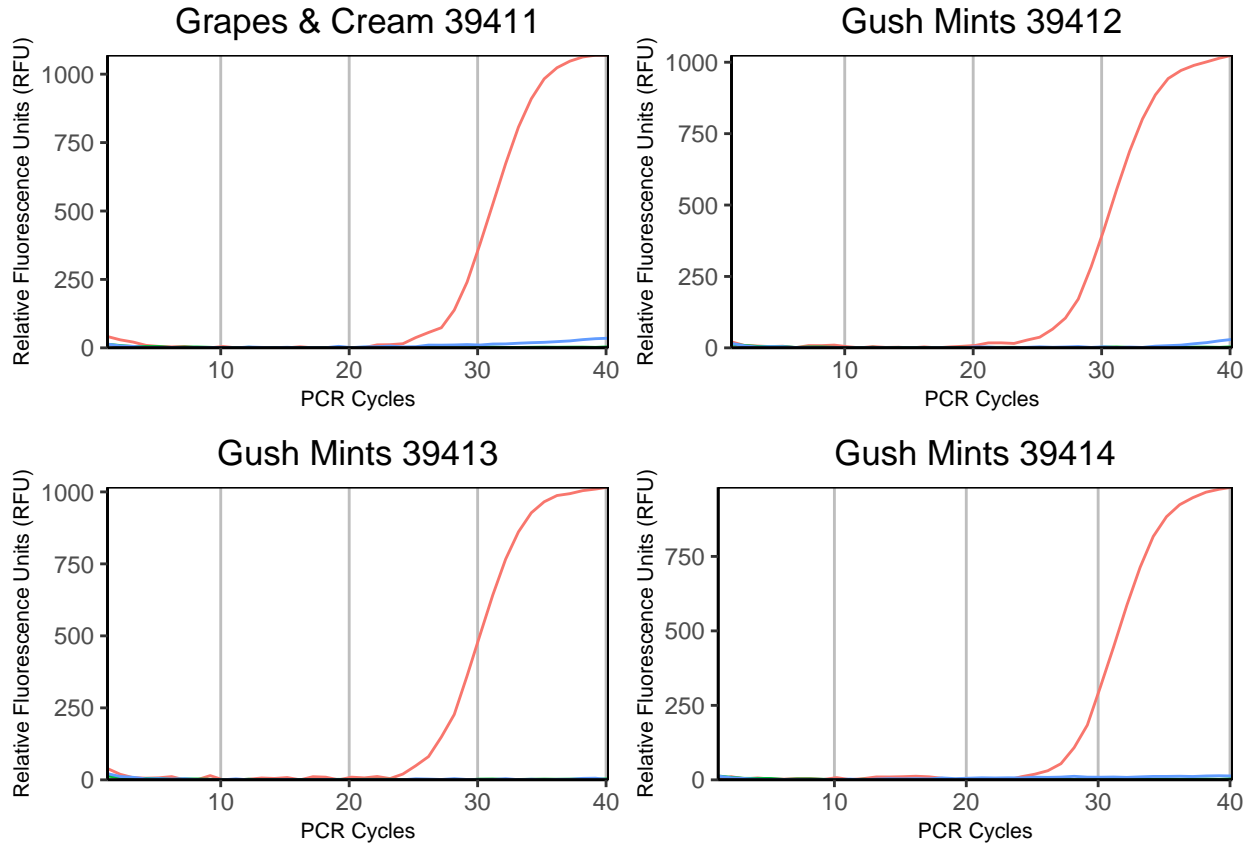




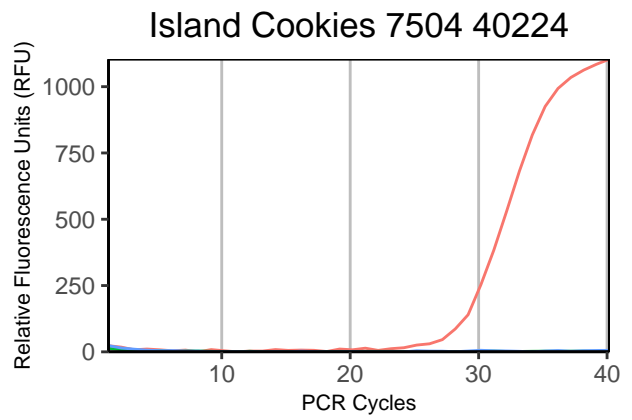
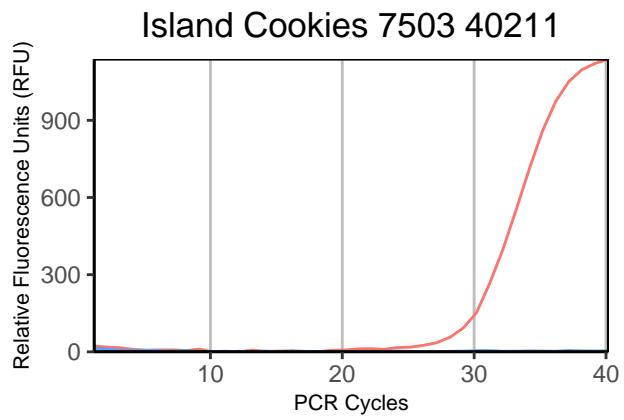
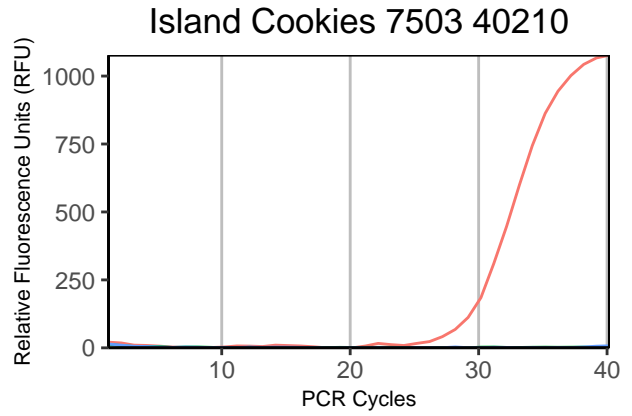
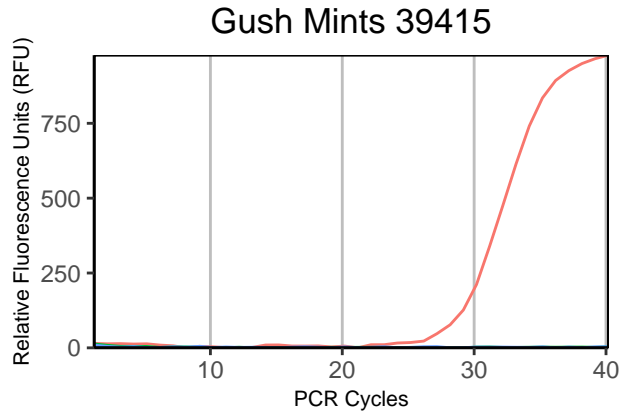


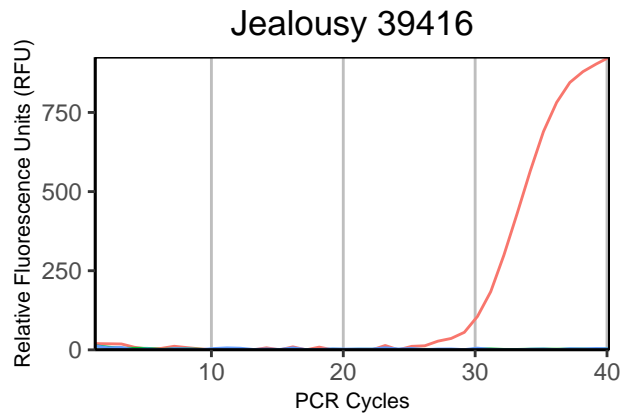
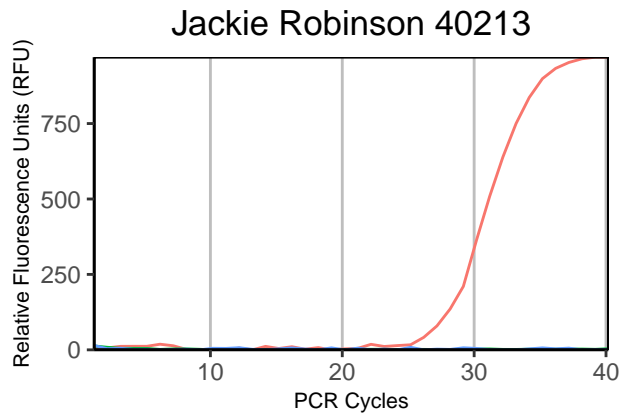
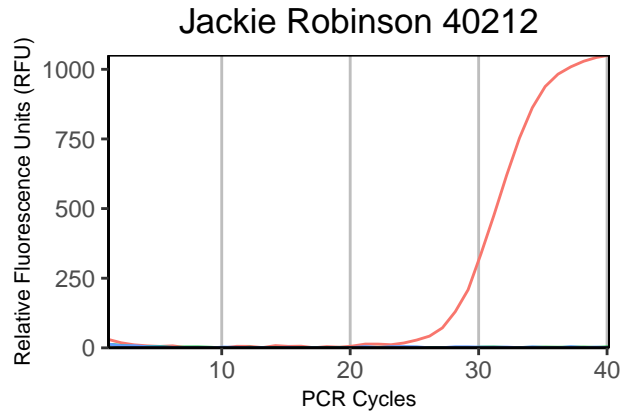
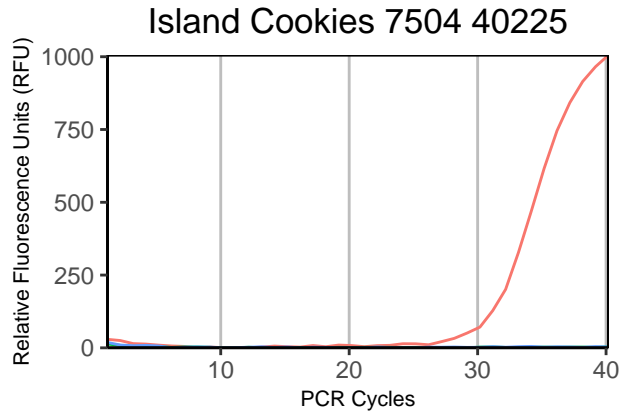


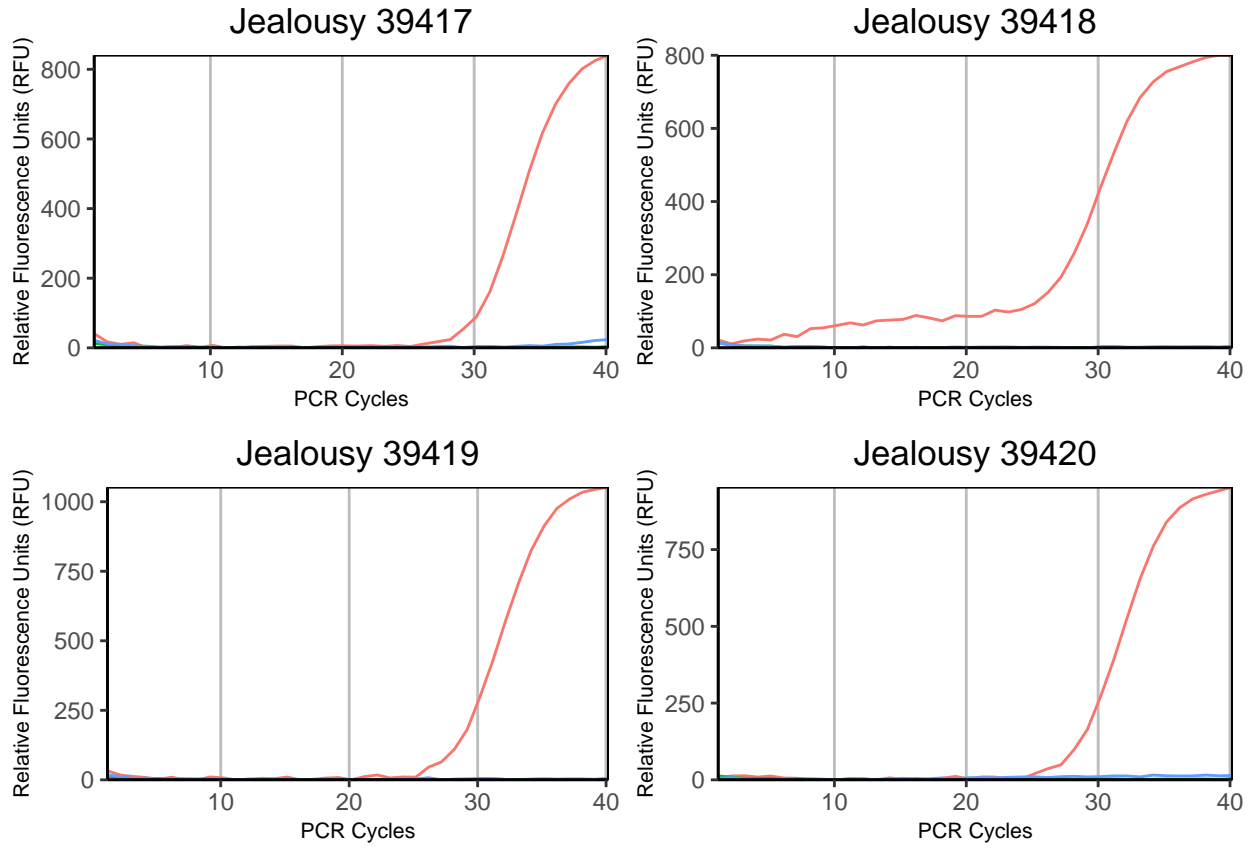


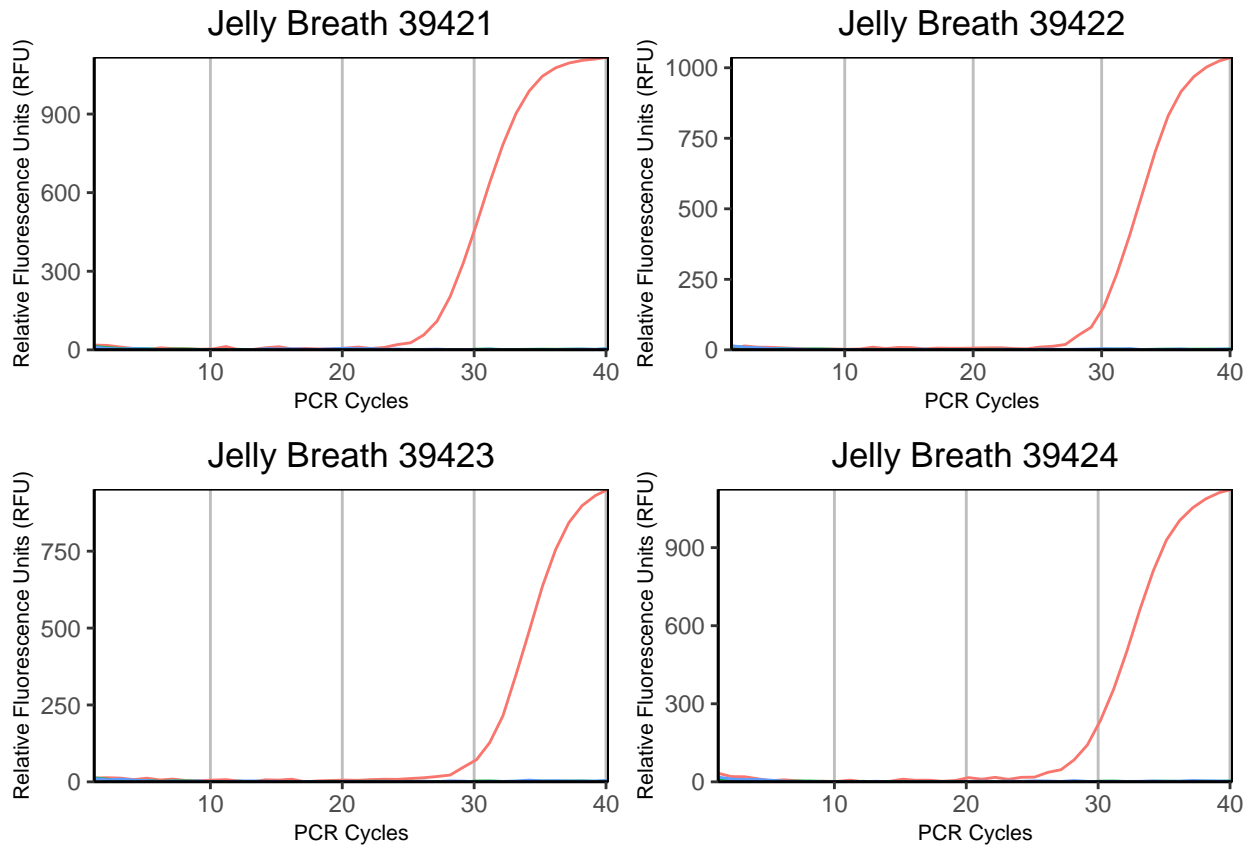


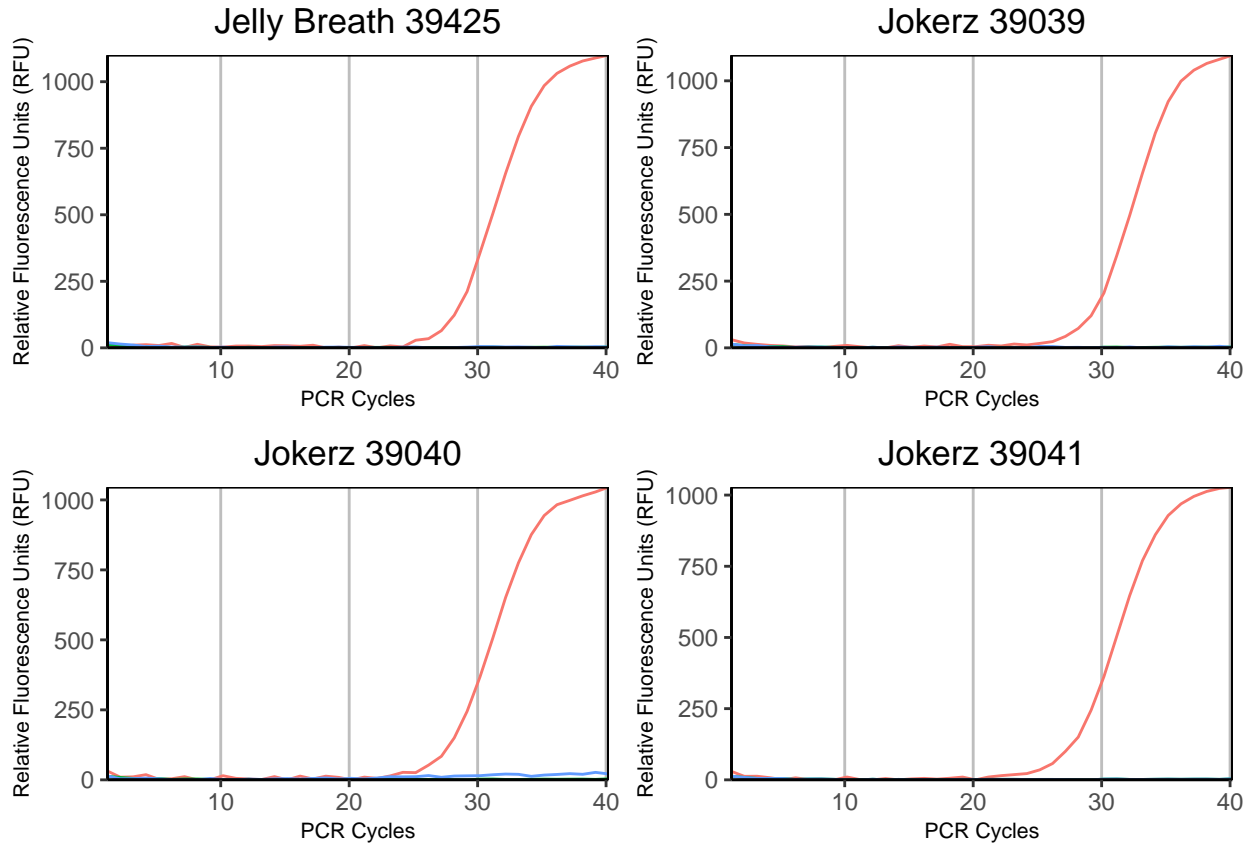


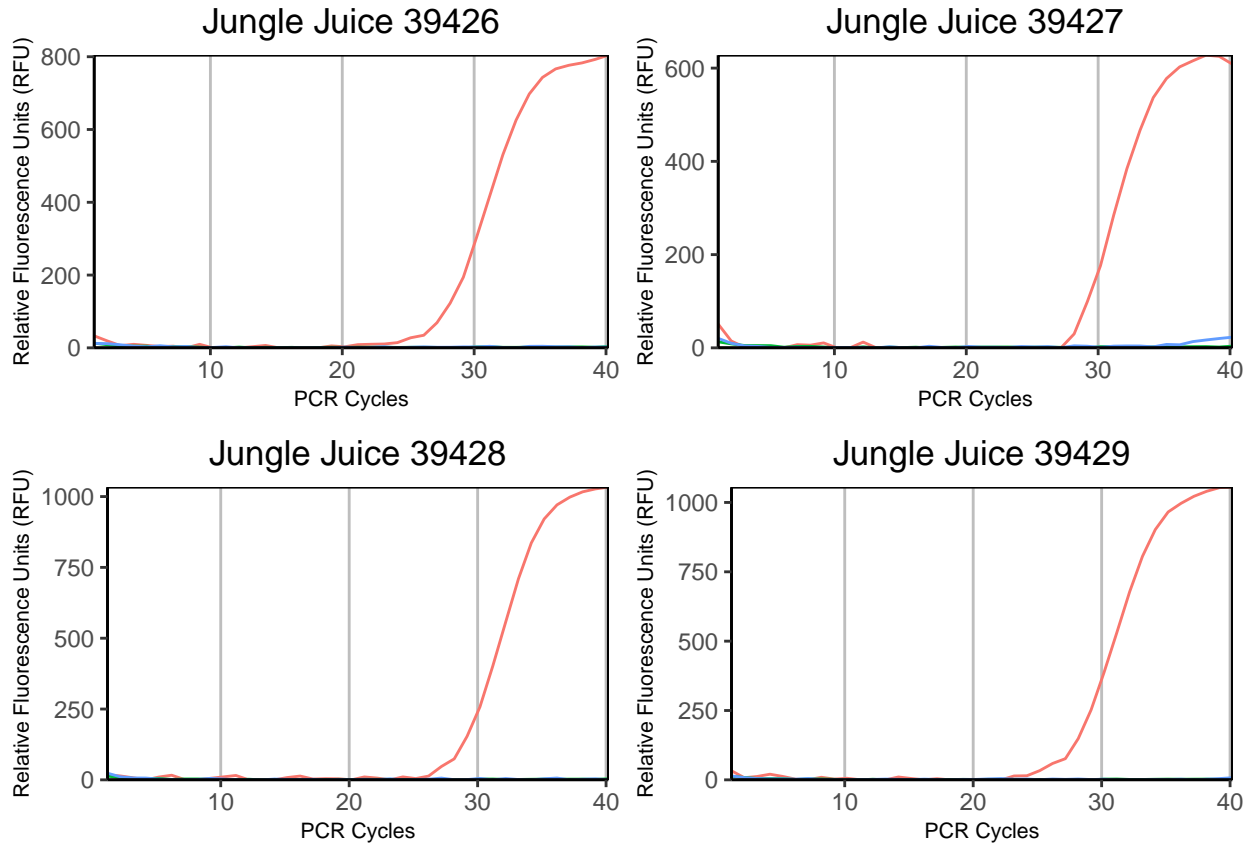


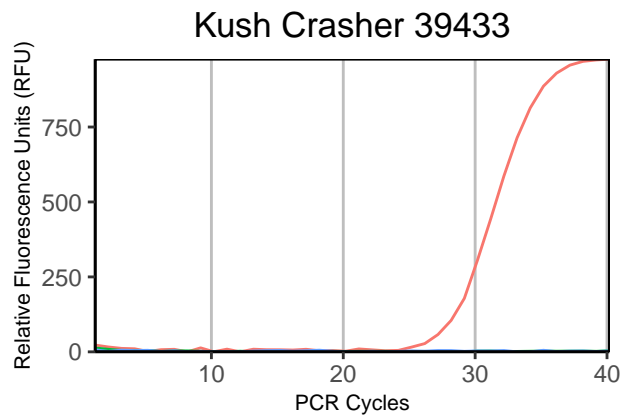
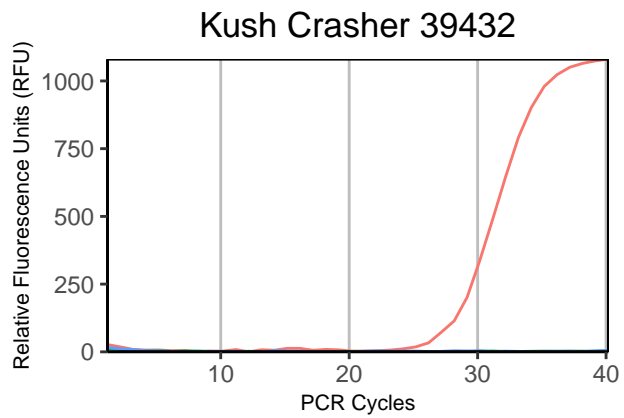
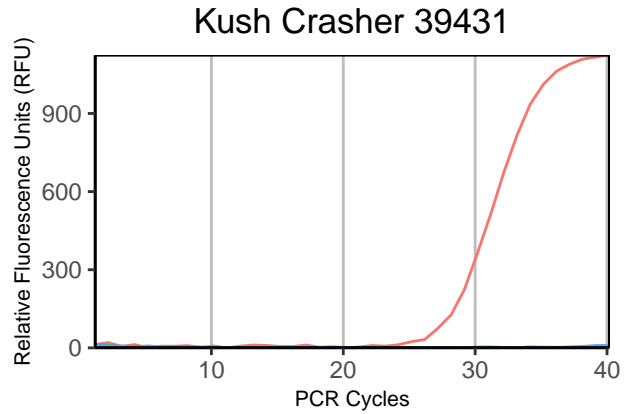
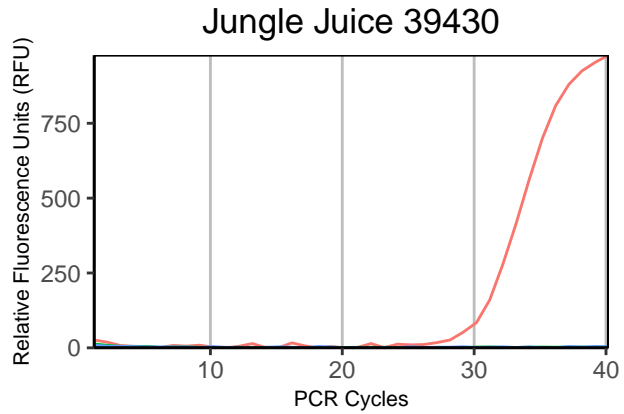




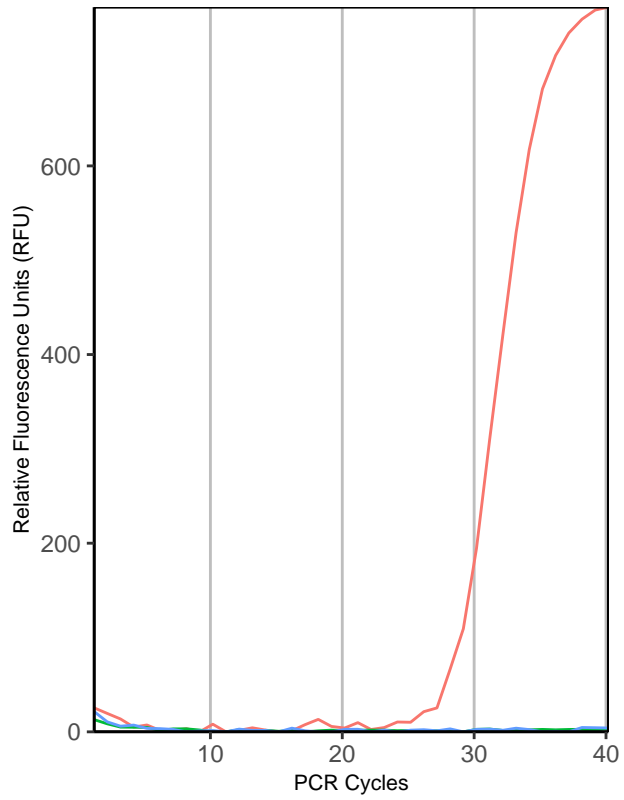








Kush Crasher 39434



Kush Crasher 39435

