



GENIELAB

TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1286

Target pathogen: Hop Latent Viroid

26 May 2023

Order details:

Client: Kaprikorn
Target Pathogen: Hop Latent Viroid
Date Sampled: 05/24/23
Date Received: 05/25/23
Date Reported: 05/26/23
Total samples: 92

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

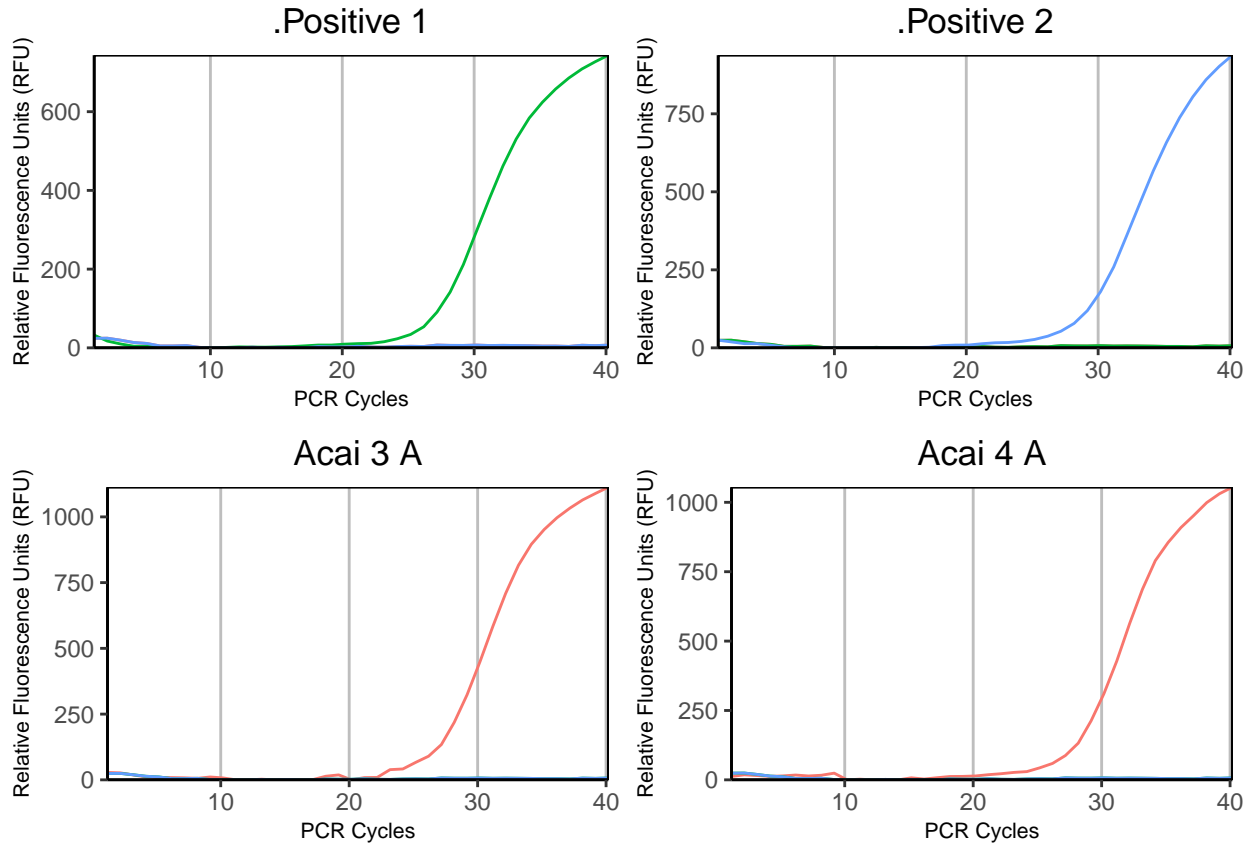
Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	26.02	-	+
.Positive 2	-	-	27.88	+
Acai 3 A	24.66	-	-	-
Acai 4 A	25.94	-	-	-
Acai 5 A	26.01	-	-	-
Acai 6 A	30.01	-	-	-
Acai 9 A	26.88	-	-	-
Animal Face 10 A	26.29	-	-	-
Animal Face 3 A	25.48	-	-	-
Animal Face 4 A	28.35	-	-	-
Animal Face 7 A	28.38	-	-	-
Animal Face 8 A	25.95	-	-	-
Banana Breath 2 A	26.46	-	-	-
Banana Breath 4 A	28.02	-	-	-
Banana Breath 5 A	24.96	-	-	-

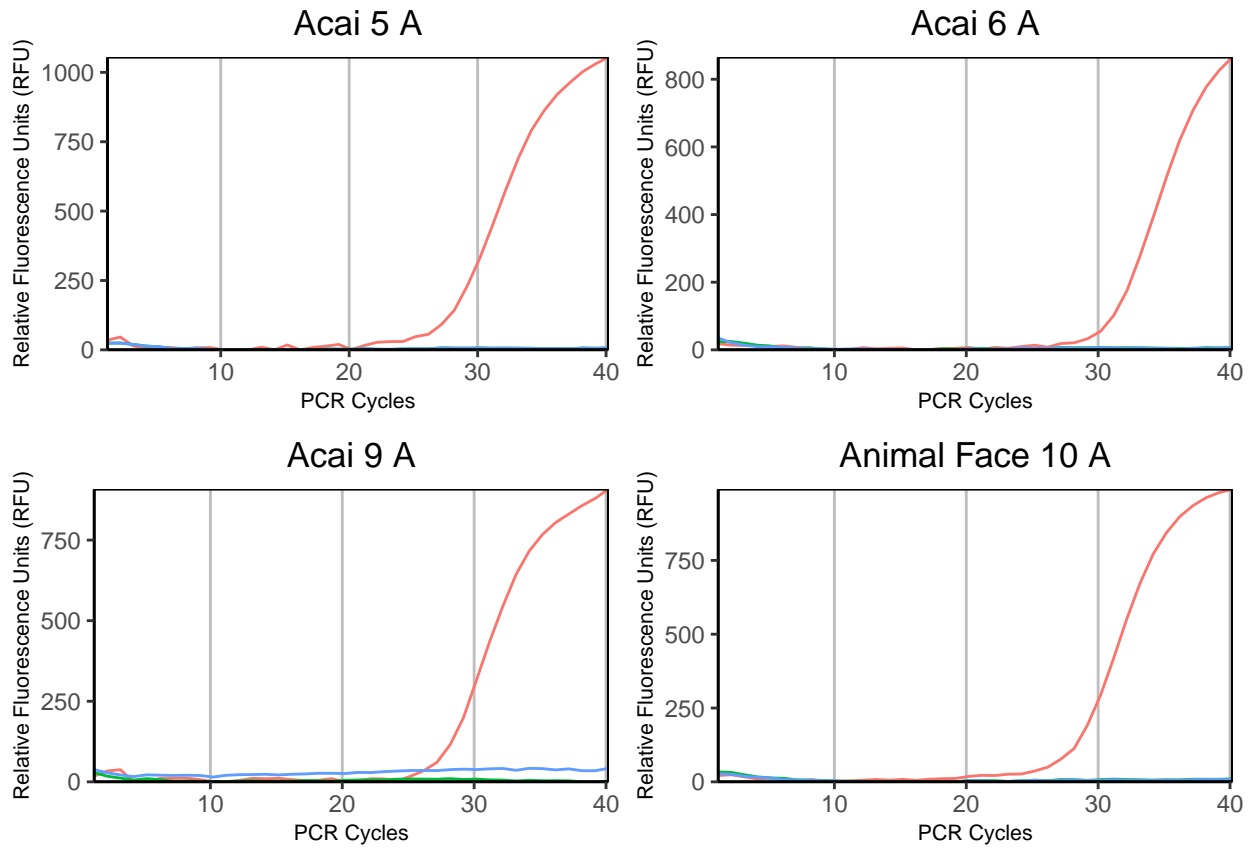
Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Banana Breath 7 A	25.21	-	-	-
Banana Breath 8 A	26.82	-	-	-
Cali Burger 1 A	29.63	-	-	-
Cali Burger 10 A	27.64	-	-	-
Cali Burger 6 A	26.35	-	-	-
Doggy Bag 10 A	28.02	-	-	-
Doggy Bag 2 A	26.56	-	-	-
Doggy Bag 5 A	27.62	-	-	-
Doggy Bag 6 A	27.78	-	-	-
Doggy Bag 9 A	27.74	-	-	-
Goofiez 2 A	27.24	-	-	-
Goofiez 5 A	27.11	-	-	-
Goofiez 6 A	31.94	-	-	-
Mac 1 10 A	28.13	-	-	-
Mac 1 12 A	25.9	-	-	-
Mac 1 4 A	25.89	-	-	-
Mac 1 5 A	26.1	-	-	-
Mac 1 7 A	27.23	-	-	-
Menage 1 A	27.65	-	-	-
Menage 11 A	26.04	-	-	-
Menage 5 A	26	-	-	-
Menage 8 A	27.94	-	-	-
Menage 9 A	26.94	-	-	-
Mendo Coco 2 A	27.01	-	-	-
Mendo Coco 9 A	27.44	-	-	-
Midnight Cookies 1 A	28.75	-	-	-
Midnight Cookies 10 A	27.17	-	-	-
Midnight Cookies 19 A	28.79	-	-	-
Midnight Cookies 5 A	27.28	-	-	-
Midnight Cookies 7 A	27.31	-	-	-
Modified Grapes 10 A	26.74	-	-	-
Modified Grapes 15 A	26.2	-	-	-
Modified Grapes 20 A	26.7	-	-	-
Modified Grapes 22 A	26.46	-	-	-
Modified Grapes 25 A	27.86	-	-	-
Modified Grapes 8 A	26.49	-	-	-
Oreoz 38966 S32	28.42	-	-	-
Oreoz 38967 S32	27.81	-	-	-
Oreoz 38968 S32	26.79	-	-	-
Pancakes 38969 S25	27.88	-	-	-
Pancakes 38972 S25	28.92	-	-	-
Pancakes 38973 S25	31.53	-	-	-
Pancakes 38974 S25	29.7	-	-	-
Pancakes 38976 S25	30.56	-	-	-
Pineapple Fruz 1 A	26.54	-	-	-
Pineapple Fruz 11 A	29.29	-	-	-
Pineapple Fruz 16 A	28.16	-	-	-
Pineapple Fruz 6 A	27.82	-	-	-
Pineapple Fruz 7 A	28.82	-	-	-
Pineapple Fruz 9 A	27.92	-	-	-
Power Mintz 38977 S22	26.89	-	-	-
Power Mintz 38978 S22	29.29	-	-	-

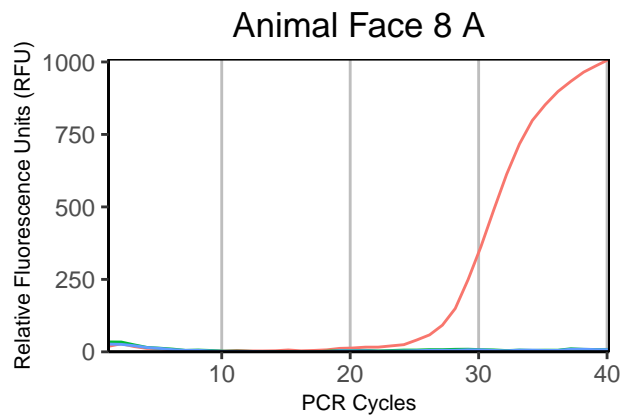
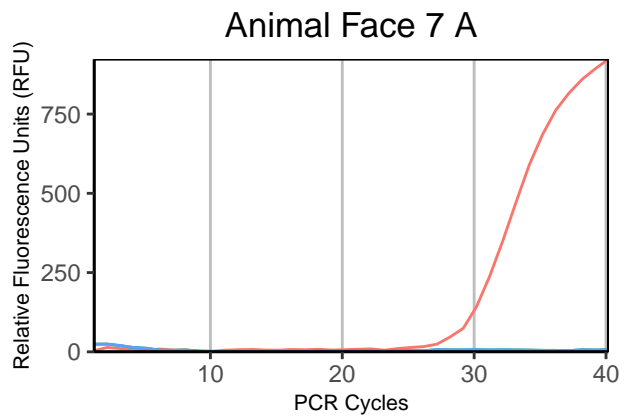
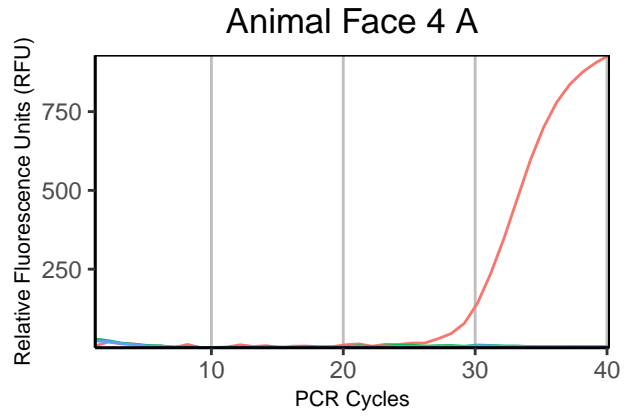
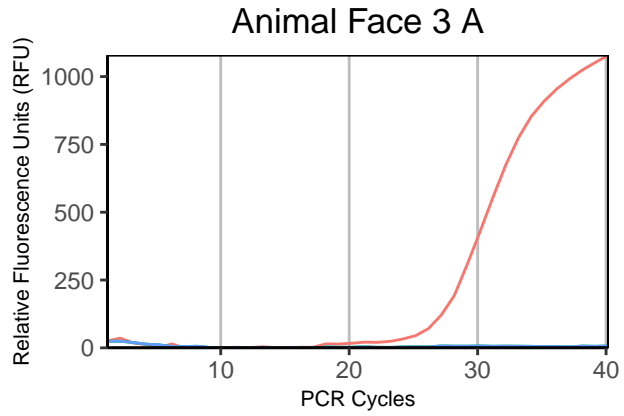
Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Power Mintz 38979 S22	28.86	-	-	-
Punch Breath 1 A	28.39	-	-	-
Punch Breath 15 A	30.88	-	-	-
Punch Breath 5 A	29.36	-	-	-
Southern Sugar 4 A	26.74	-	-	-
Southern Sugar 6 A	29.77	-	-	-
Strawguava Wilson 38535 N3	28.76	-	-	-
Strawguava Wilson 38536 N3	29.75	-	-	-
Tropsicle 38982 S30	29.38	-	-	-
Tropsicle 38983 S30	28.41	-	-	-
Tropsicle 38984 S30	26.67	-	-	-
Tropsicle 38985 S30	27.7	-	-	-
Tropsicle 38986 S30	27.64	-	-	-
Tropsicle 38987 S30	27.89	-	-	-
Tropsicle 38988 S30	27.59	-	-	-
Tropsicle 38989 S30	27.33	-	-	-
White Truffle 38990 S24	29.3	-	-	-
White Truffle 38991 S24	26.57	-	-	-
White Truffle 38992 S24	28.01	-	-	-
White Truffle 38993 S24	29.1	-	-	-
White Truffle 38994 S24	30.09	-	-	-
White Truffle 38995 S24	28.33	-	-	-
White Truffle 38996 S24	31.51	-	-	-
White Truffle 38997 S24	29.08	-	-	-
White Truffle 38998 S24	30.5	-	-	-
White Truffle 38999 S24	29.15	-	-	-
White Truffle 39000 S24	29.77	-	-	-

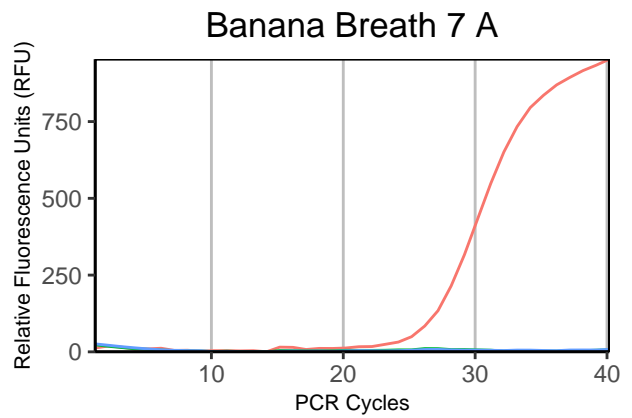
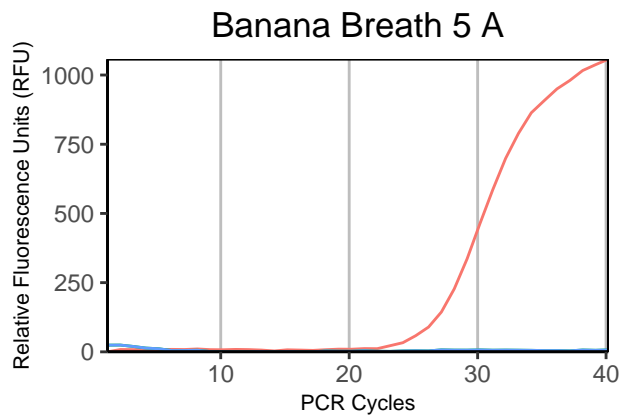
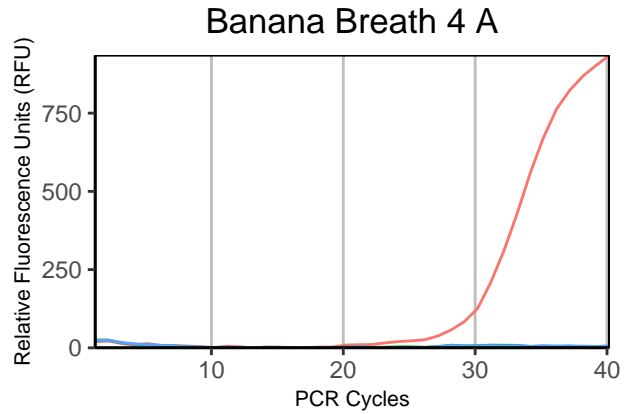
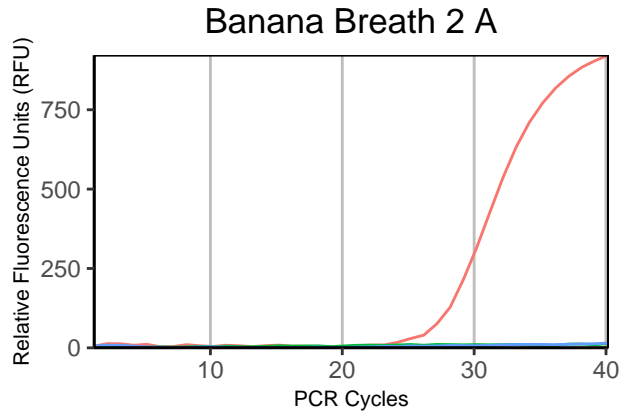
Amplification Plots:

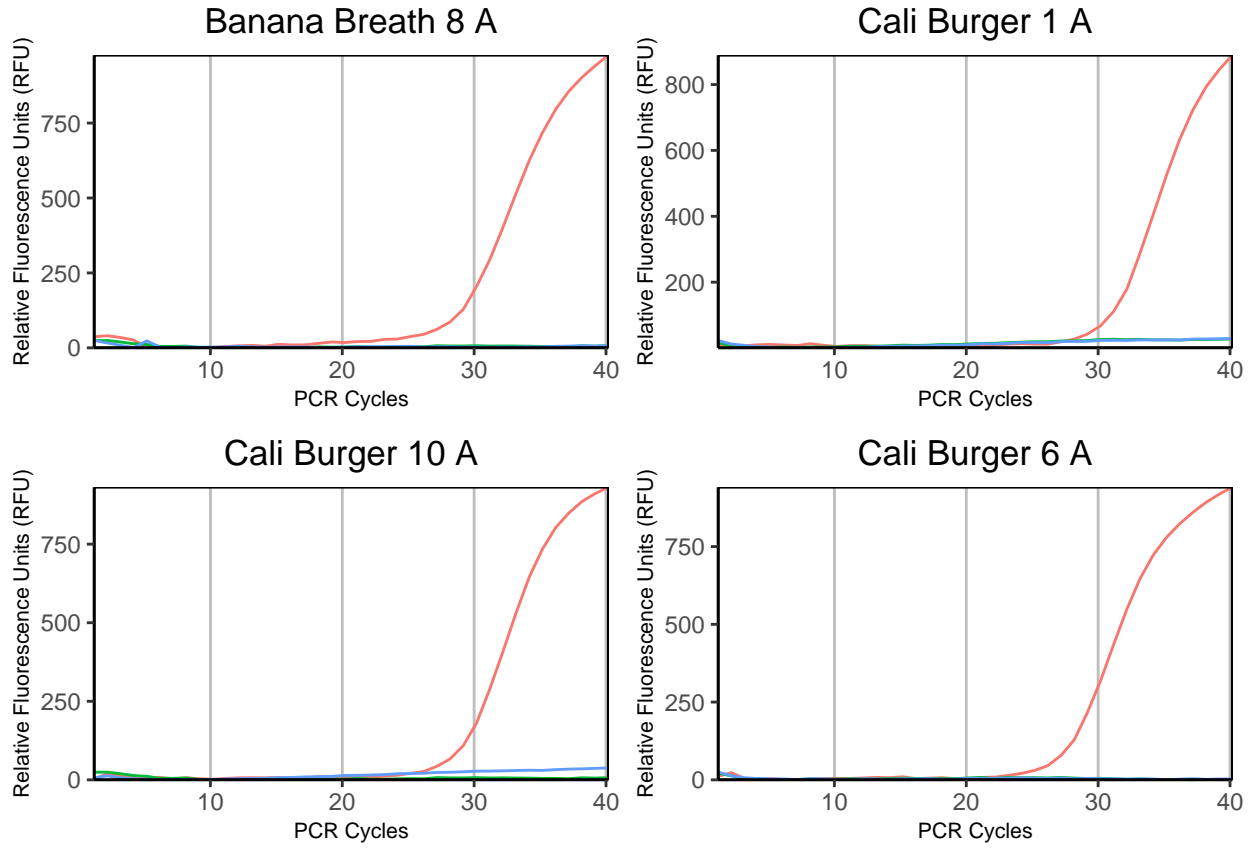
RED = Control, GREEN = HLVd target #1, and BLUE = HLVd target #2

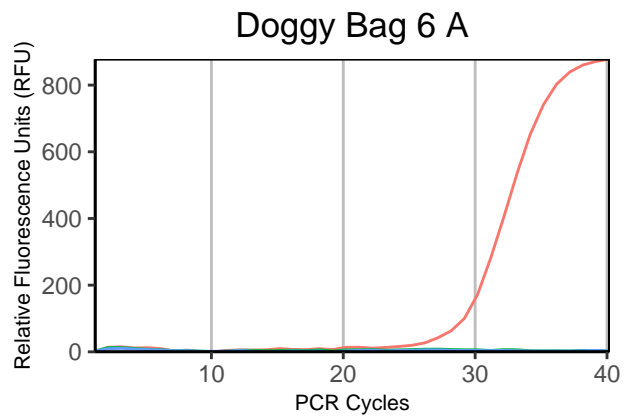
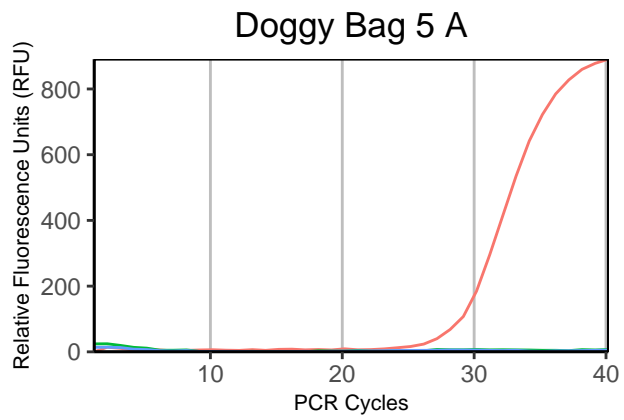
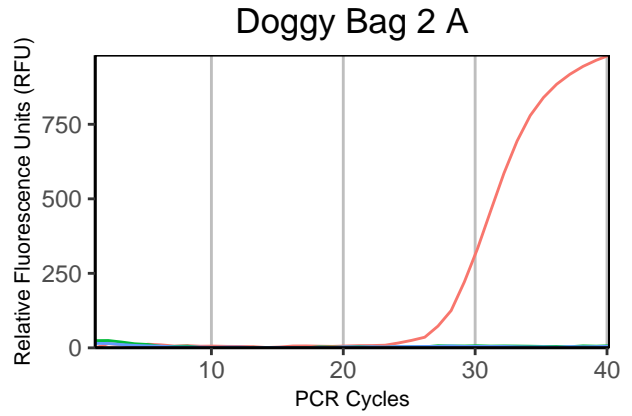
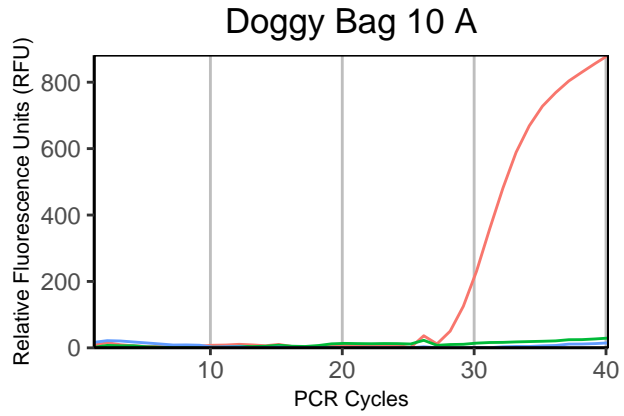


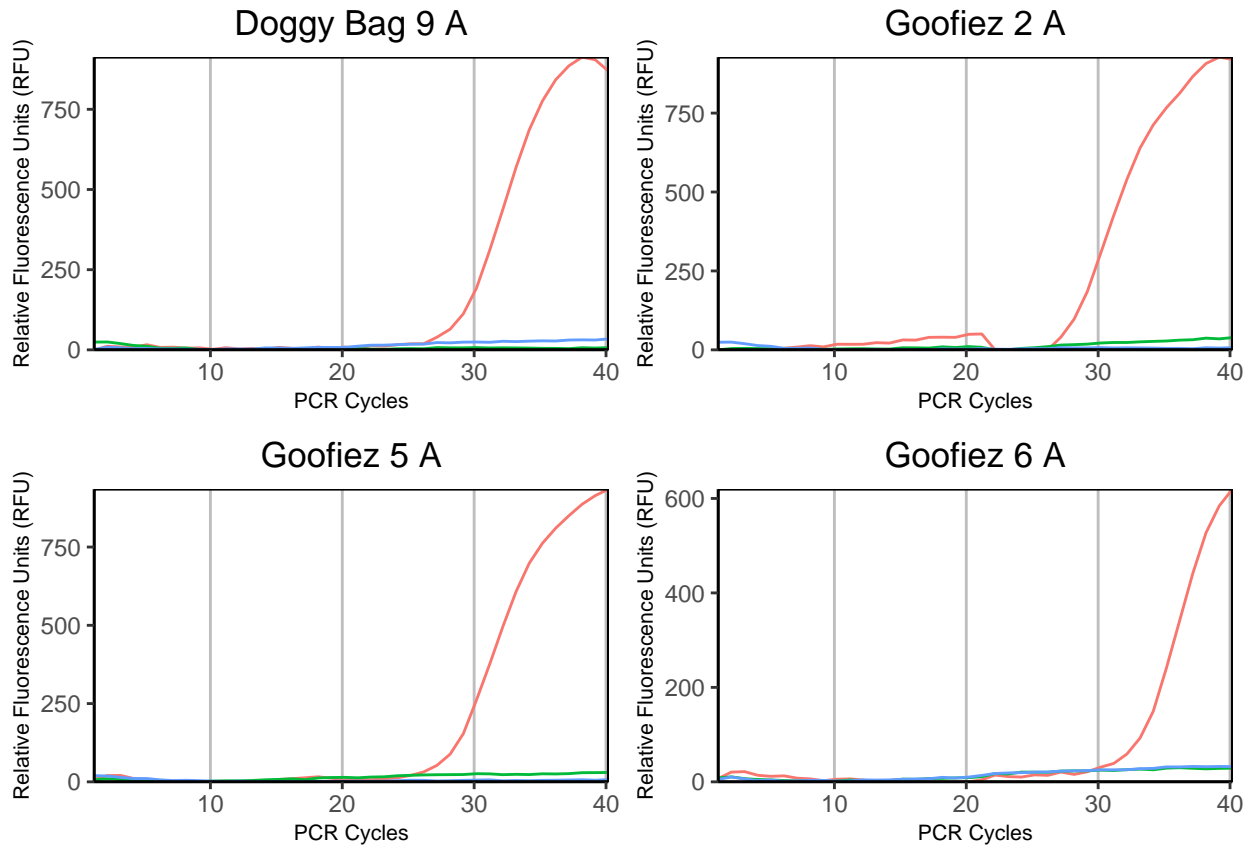


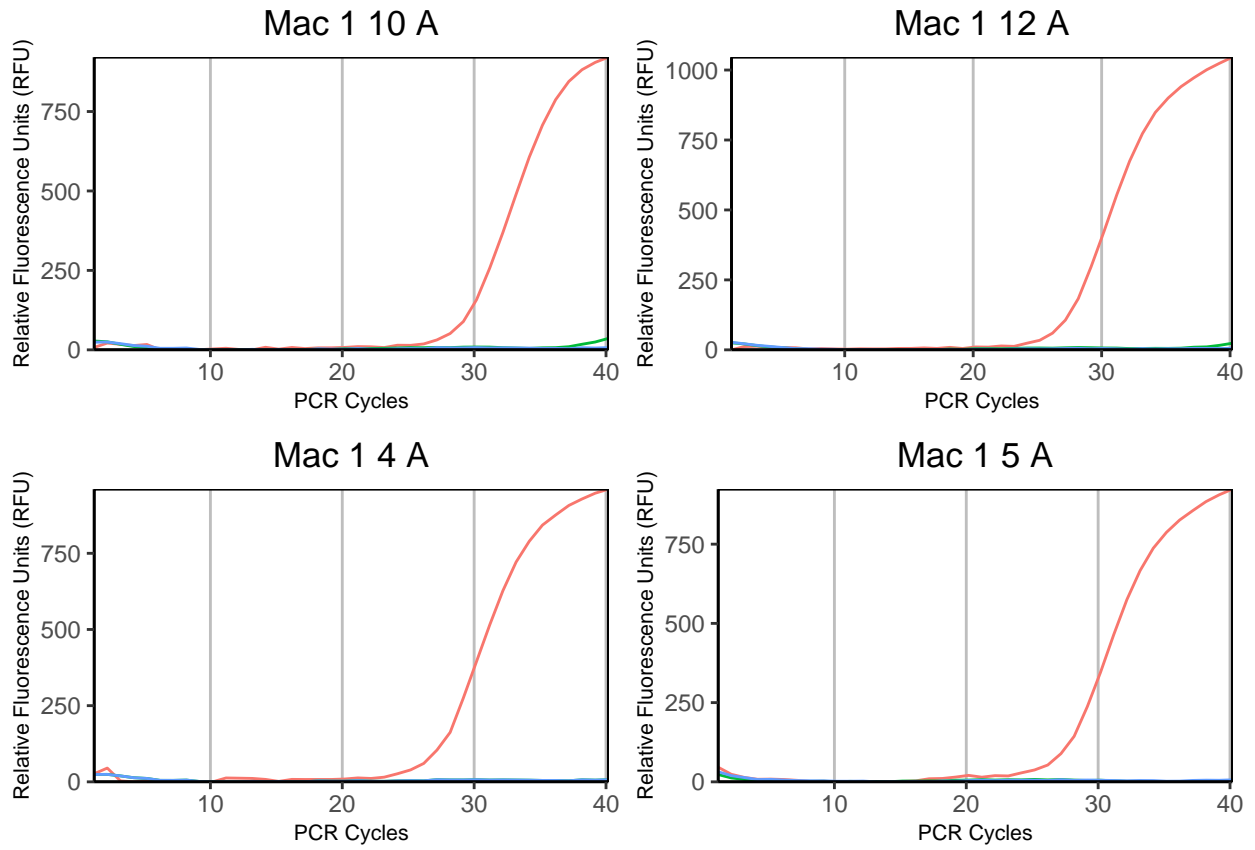


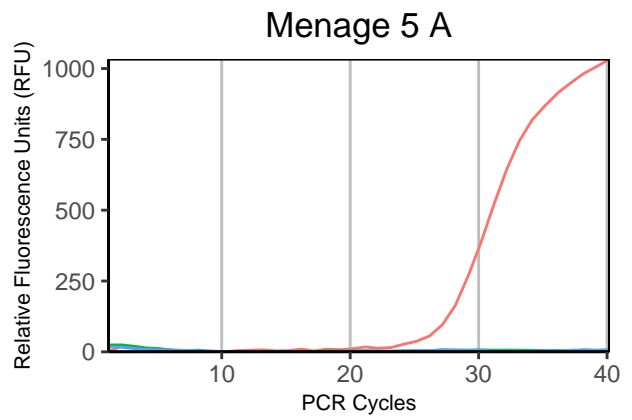
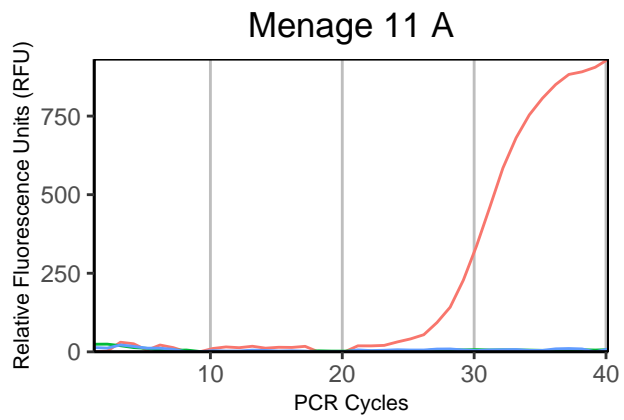
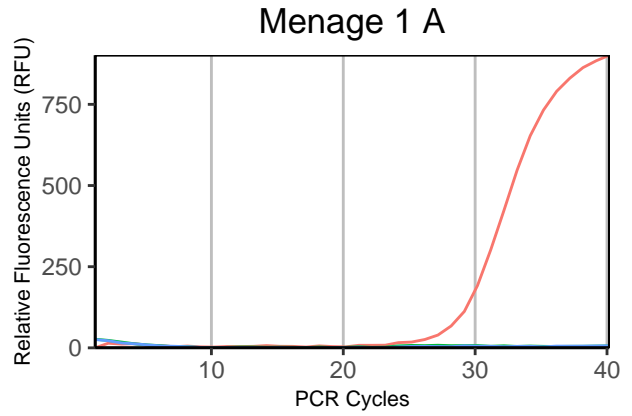
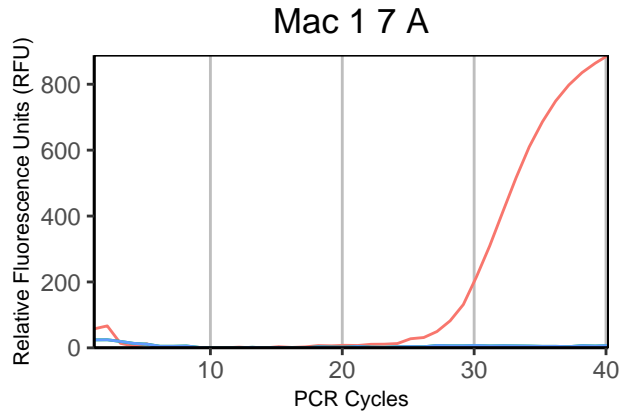


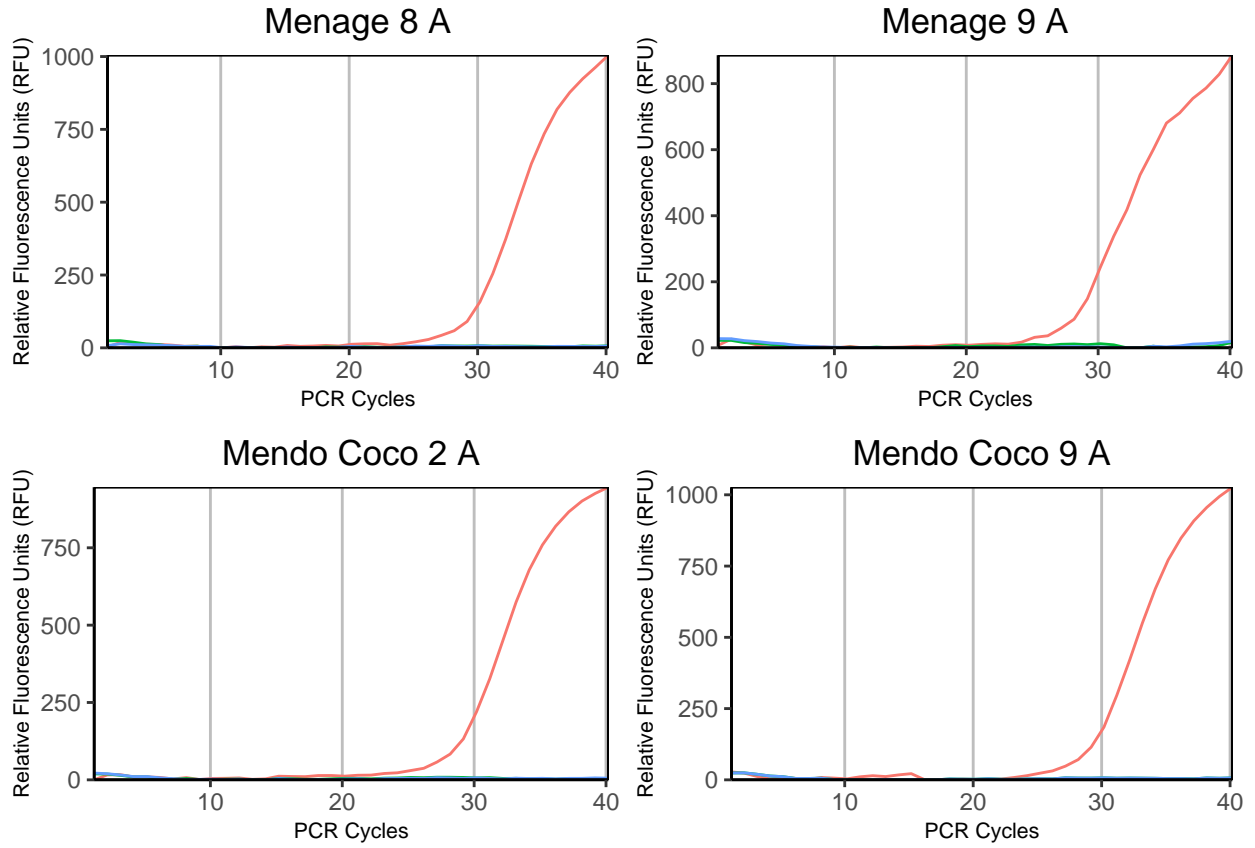


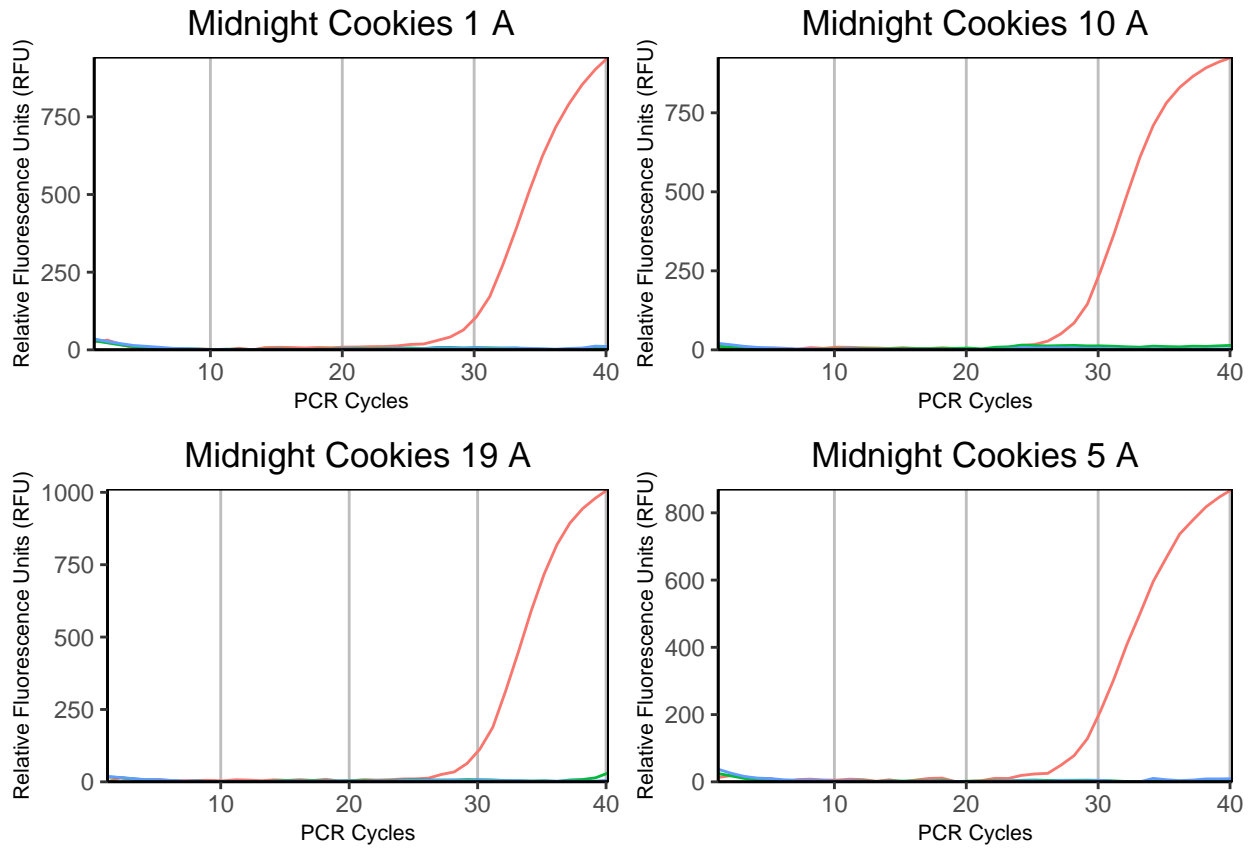


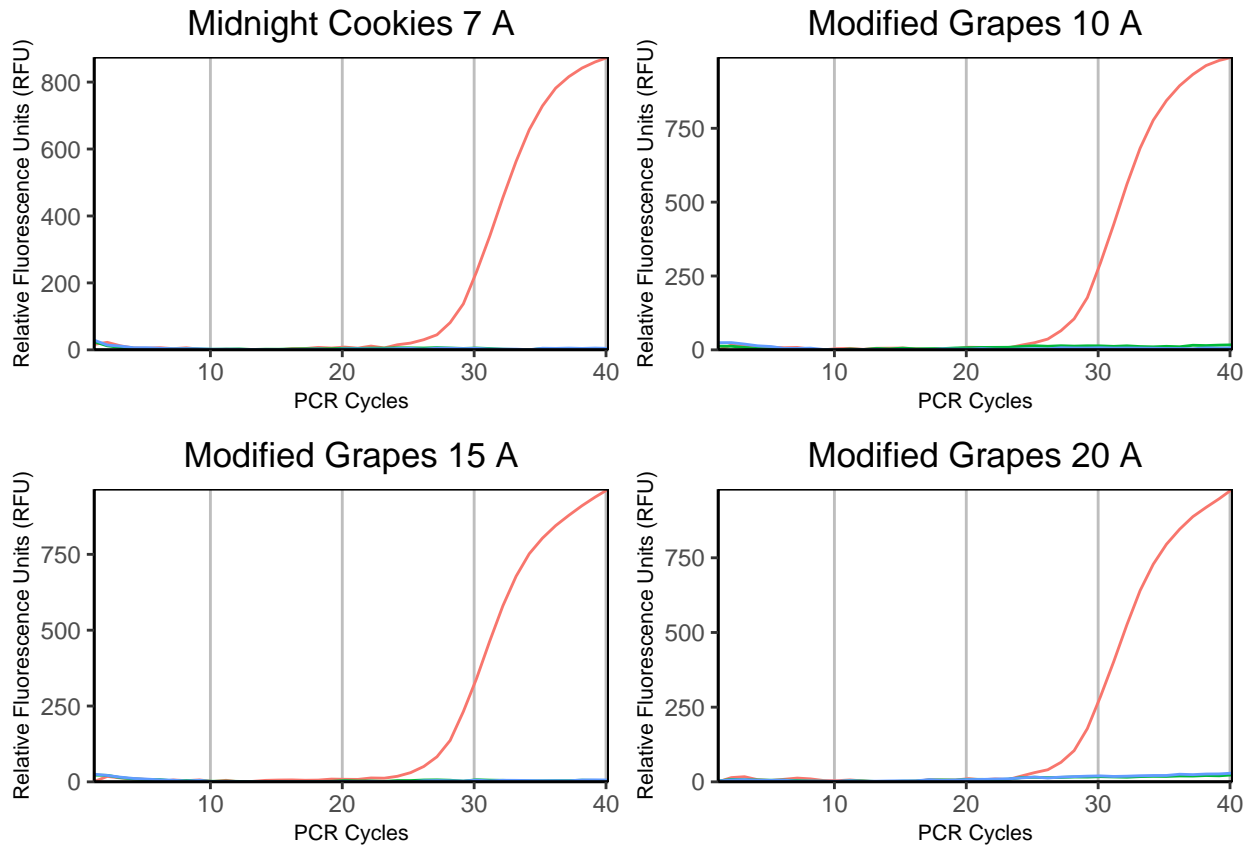


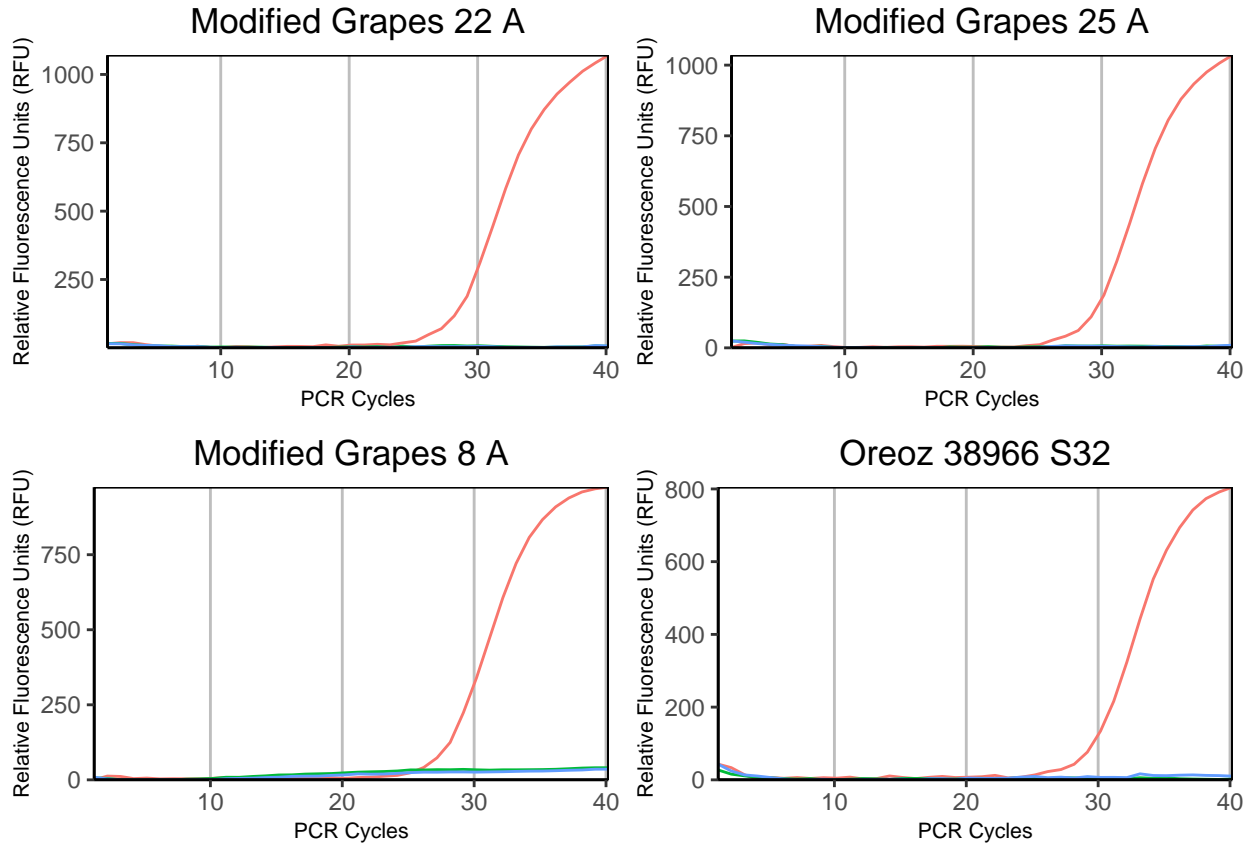


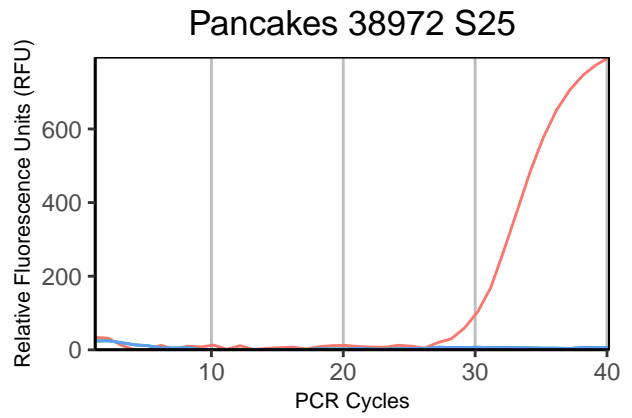
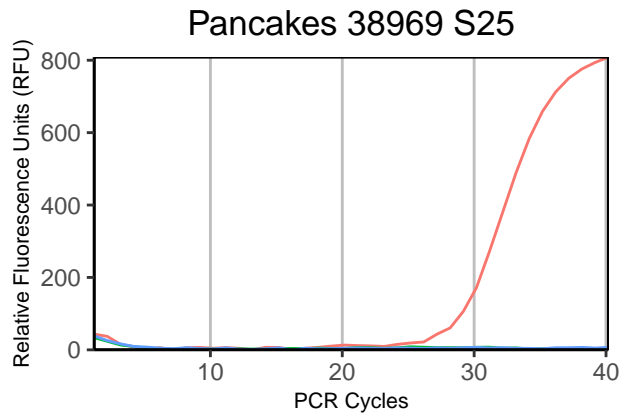
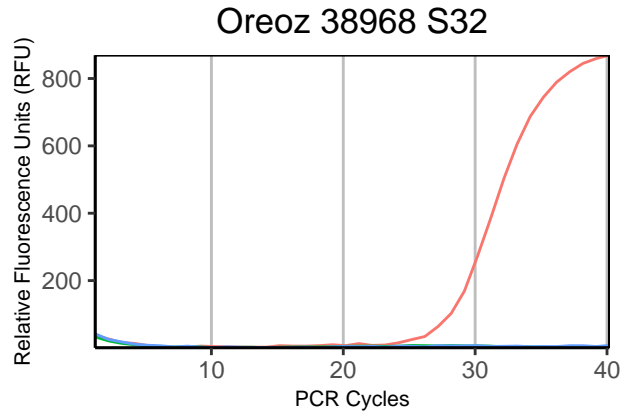
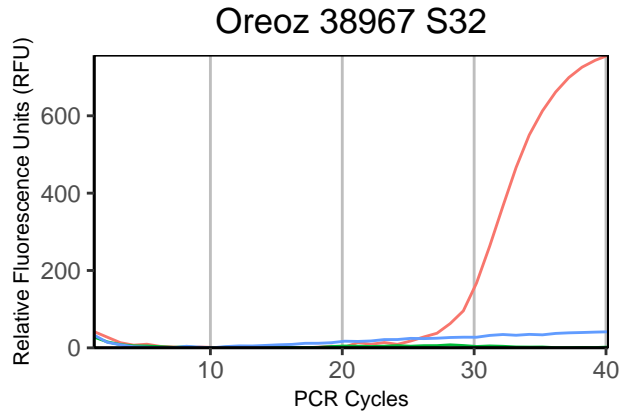


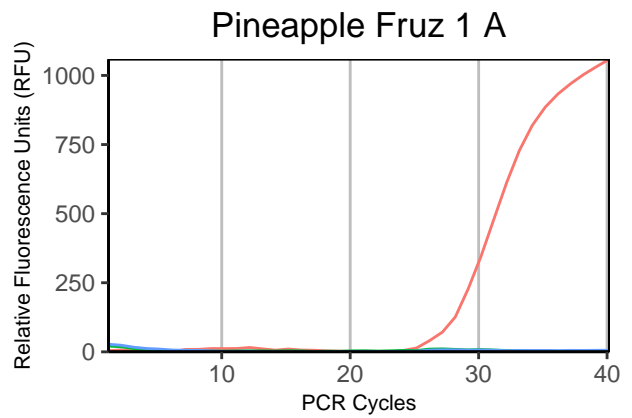
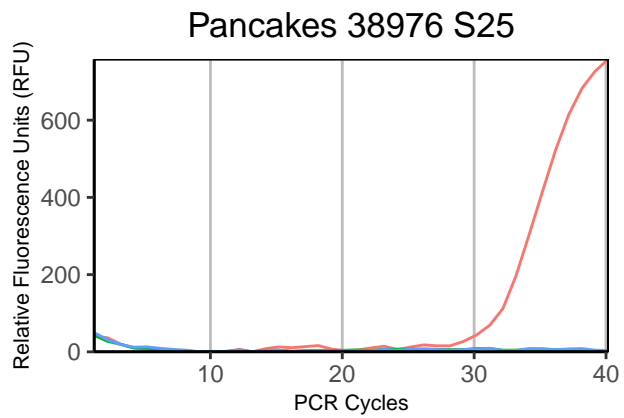
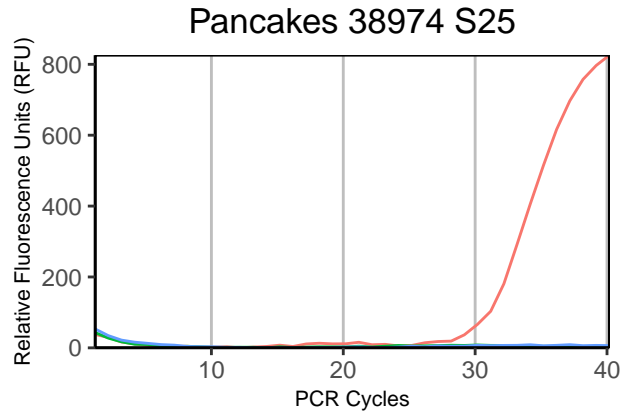
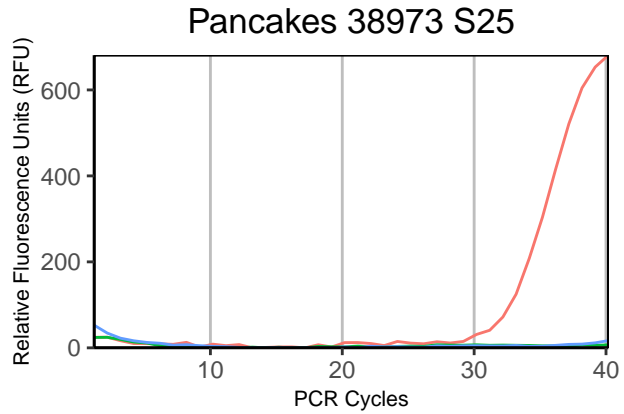


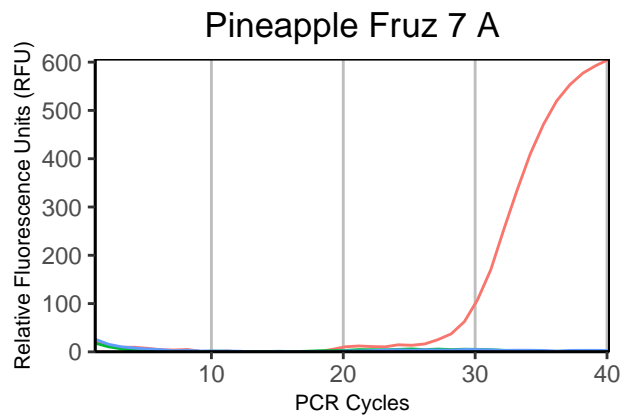
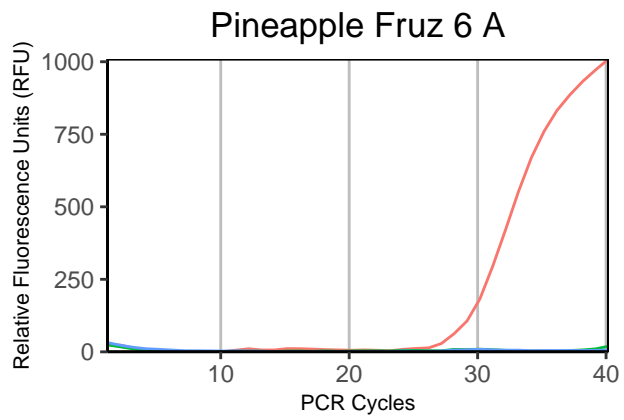
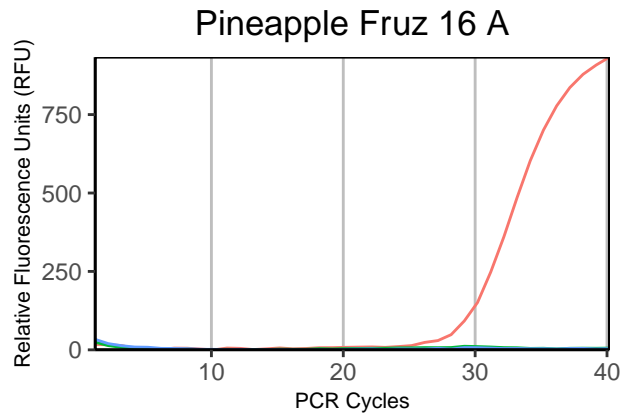
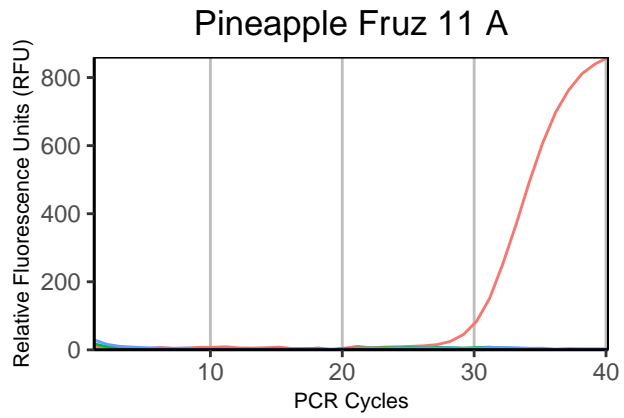


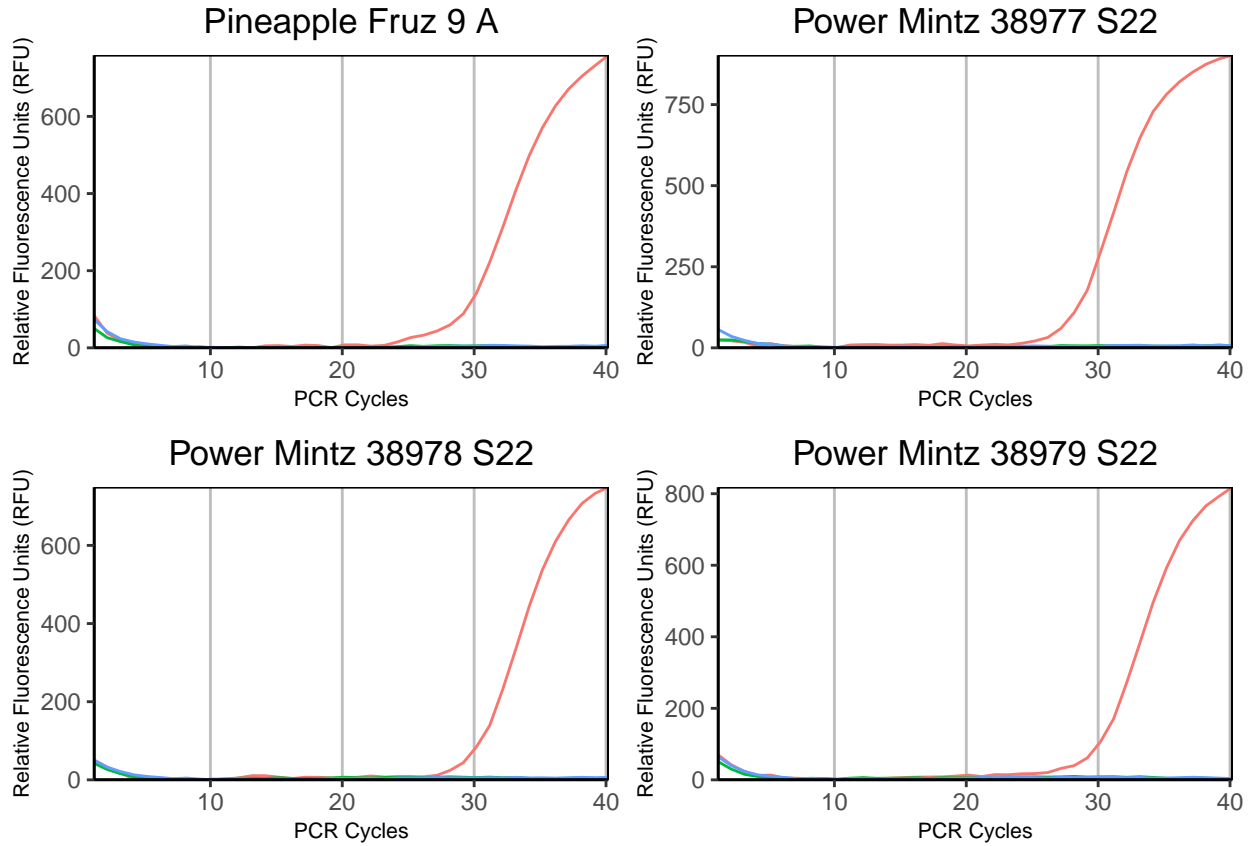


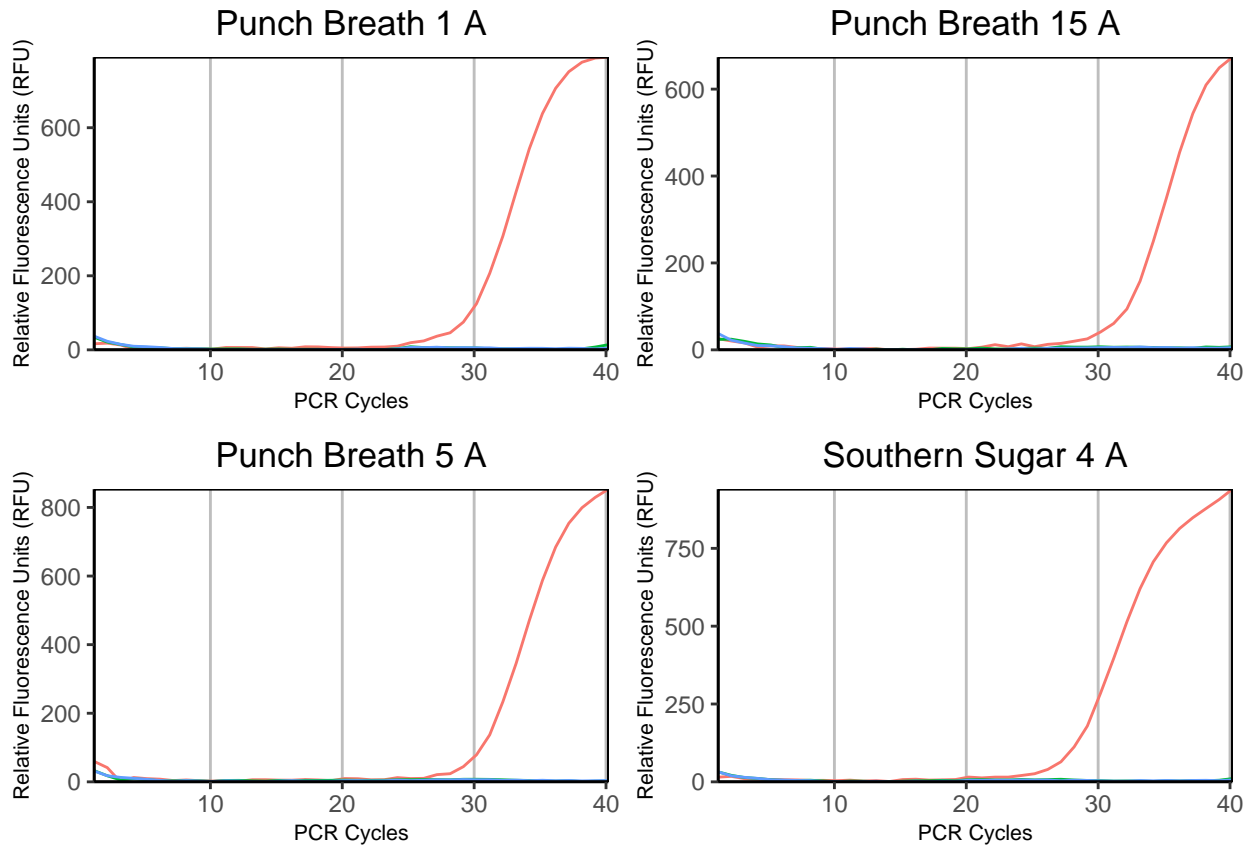


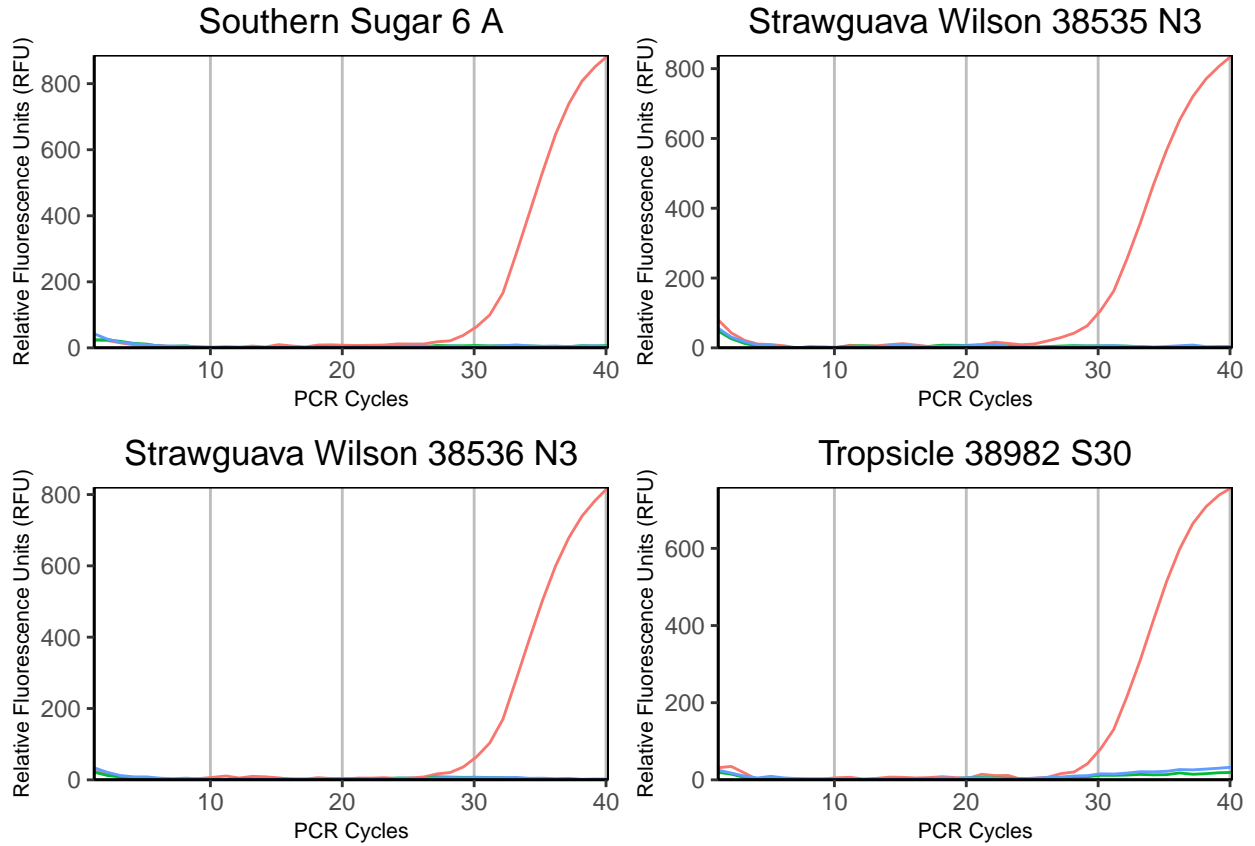


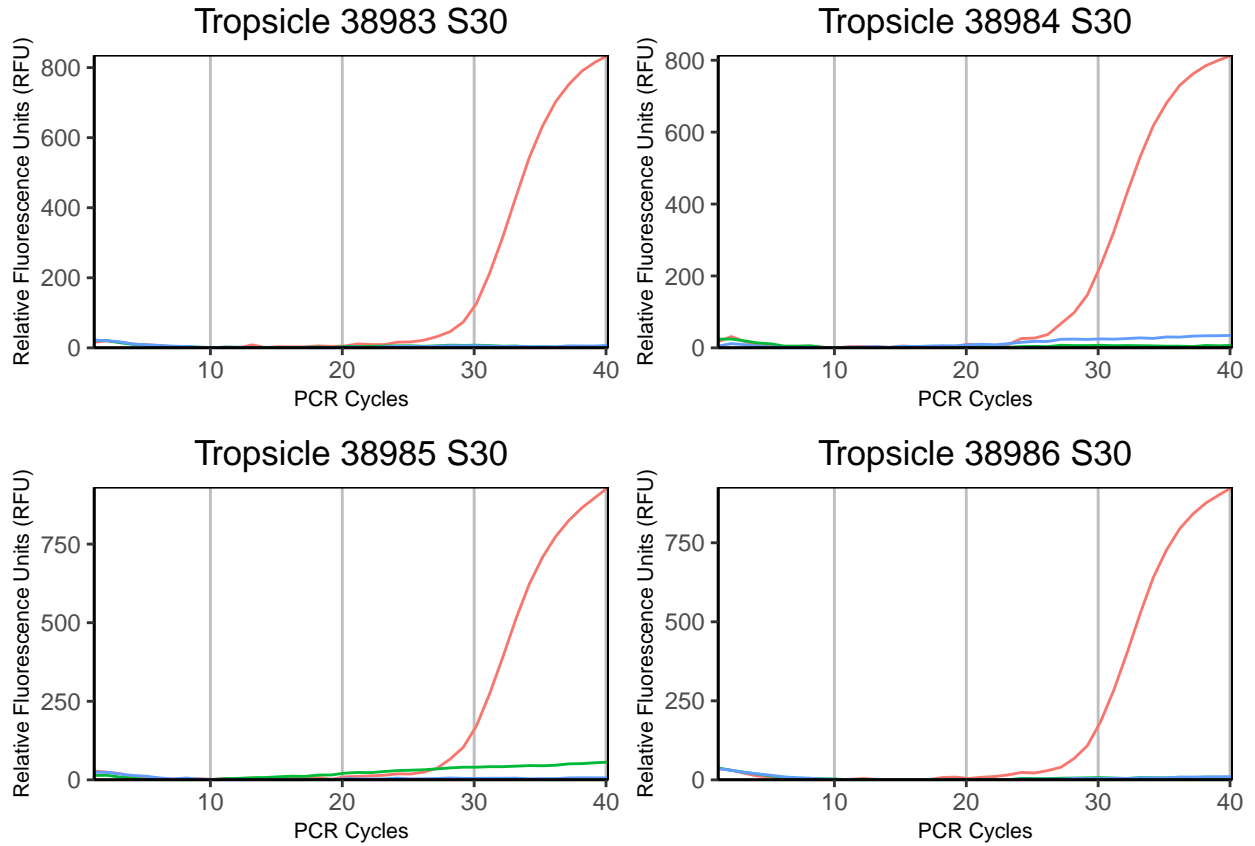


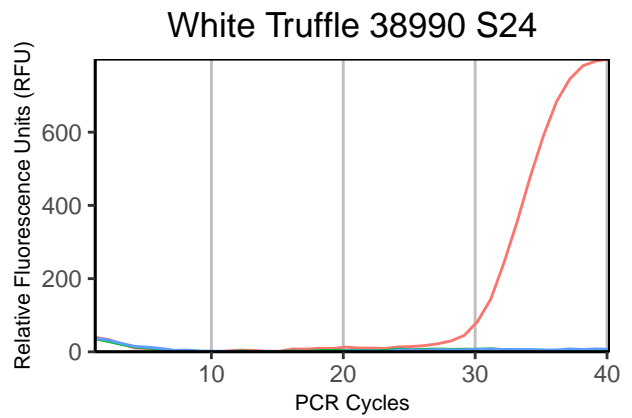
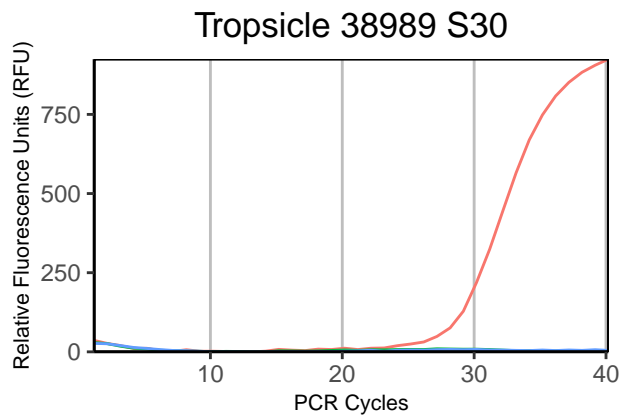
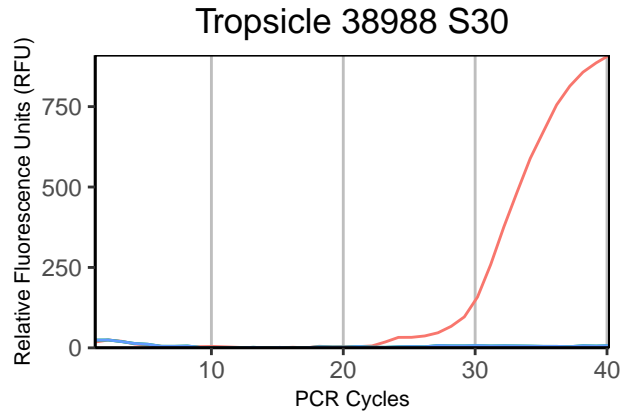
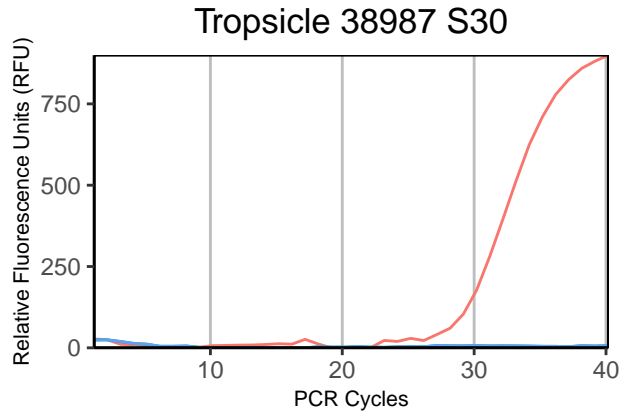


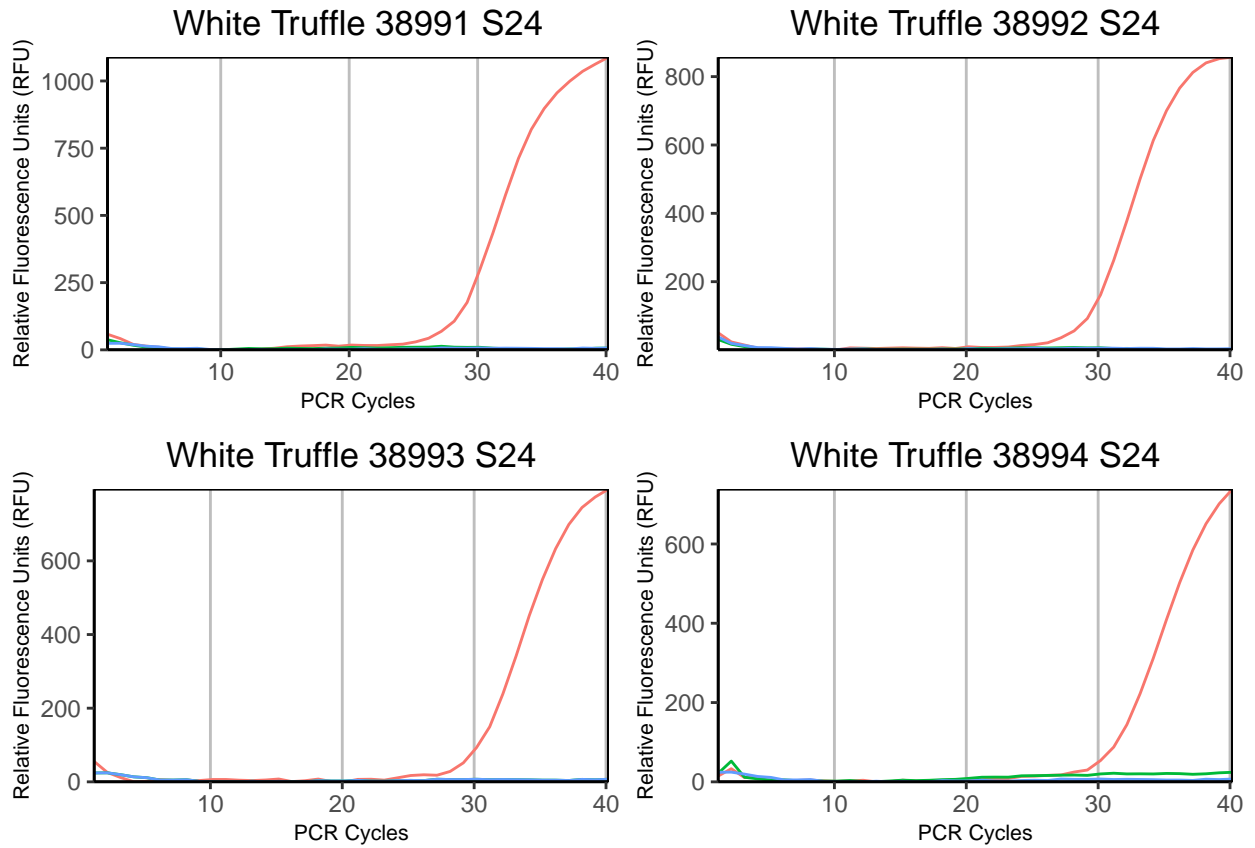


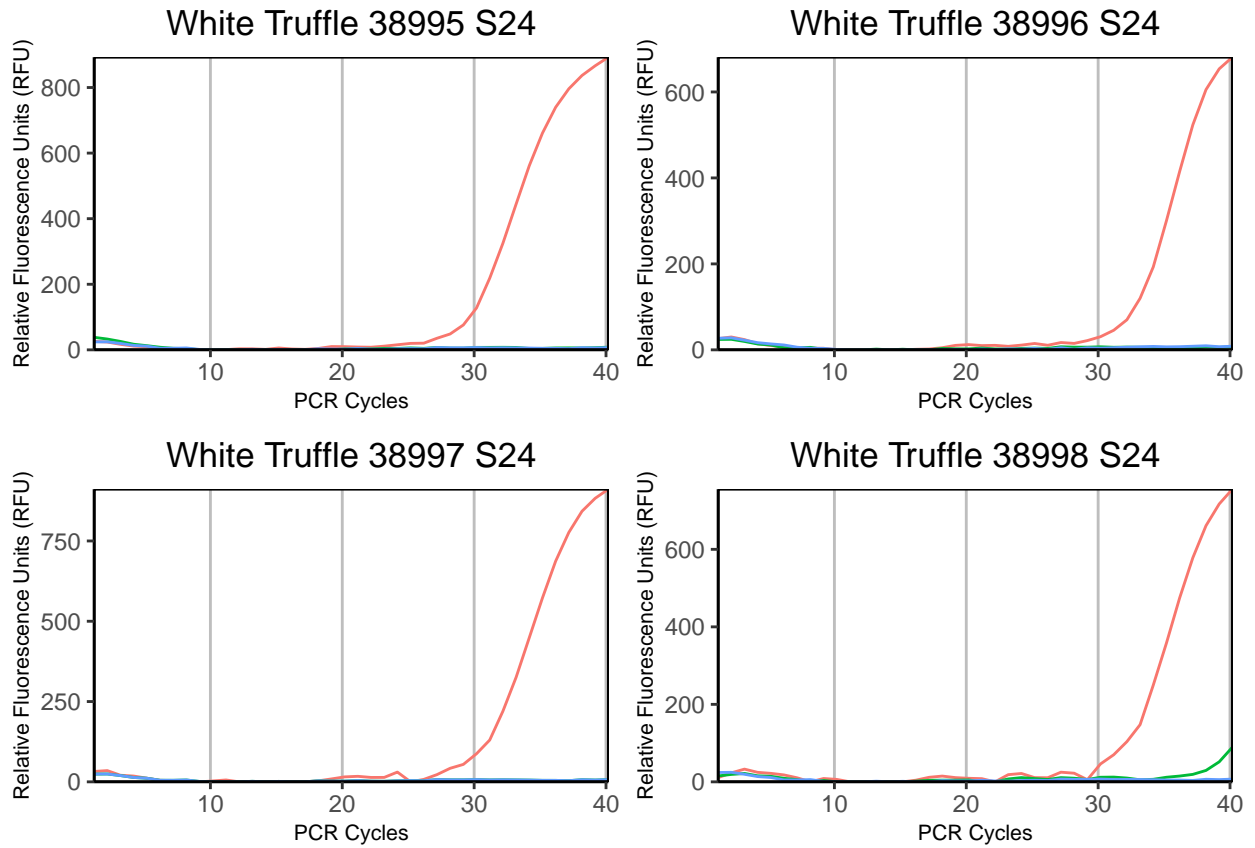




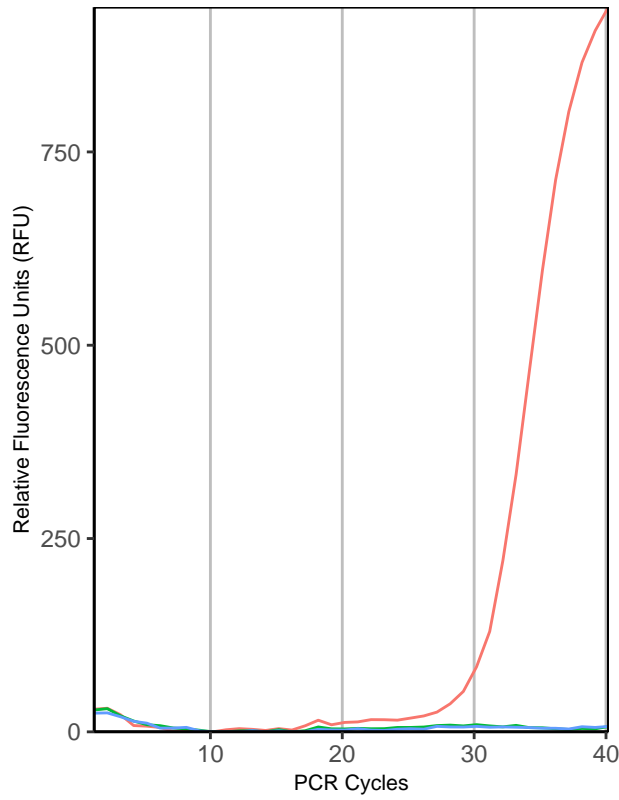








White Truffle 38999 S24



White Truffle 39000 S24

