



GENIELAB

TaqMan RT-PCR Results

Client: Kaprikorn

Order: 1272

Target pathogen: Hop Latent Viroid

05 May 2023

Order details:**Client:** Kaprikorn**Target Pathogen:** Hop Latent Viroid**Date Sampled:** 05/02/23**Date Received:** 05/04/23**Date Reported:** 05/05/23**Total samples:** 49**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_TEXCELLENT: 27 - 30 C_TGREAT: 30 - 32 C_TOKAY: 32 - 35 C_TFAIL: >35 C_T

HLVd - Detection C_T and relative amount of HLVd in the sample:

HIGH: <15 - 20 C_TMEDIUM: 21 - 28 C_TLOW: 29 - <35 C_TINCONCLUSIVE: >35 C_T

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
.Positive 1	-	21.48	-	+
.Positive 2	-	-	22.82	+
Purple Punch 38875	30.98	-	-	-
Purple Push Pop 38611	27.5	-	-	-
Purple Push Pop 38612	23.82	-	-	-
Purple Push Pop 38613	26.54	-	-	-
Purple Push Pop 38614	26.31	-	-	-
Purple Push Pop 38615	27.68	-	-	-
Purple Push Pop 38616	27.39	-	-	-
Purple Push Pop 38617	18.4	-	-	-
Purple Push Pop 38618	28.9	-	-	-
RS-11 38832	25.57	-	-	-
RS-11 38833	27.89	-	-	-
RS-11 38834	25.07	-	-	-
Strawguava Wilson 38535	27.71	-	-	-

Identifier	Control	HLVd #1	HLVd #2	HLVd Status
Strawguava Wilson 38536	30.07	-	-	-
Tang Breath 38835	26.48	-	-	-
Tang Breath 38836	27.32	-	-	-
Tang Breath 38837	28.56	-	-	-
Tang Breath 38838	28.87	-	-	-
Tang Breath 38839	26.82	-	-	-
Tang Breath 38840	27.78	-	-	-
The Emerald Cut 38841	27.11	-	-	-
The Emerald Cut 38842	25.96	-	-	-
The Emerald Cut 38843	28.09	-	-	-
The Soap 38844	26.59	-	-	-
The Soap 38845	27.48	-	-	-
The Soap 38846	26.89	-	-	-
Tropicanna Cherries 38847	28.52	-	-	-
Tropicanna Cherries 38848	28.79	-	-	-
Tropicanna Cherries 38849	26.29	-	-	-
Wappa 38850	29.23	-	-	-
Wappa 38851	27.27	-	-	-
Wappa 38852	29.09	-	-	-
Wappa 38853	27.17	-	-	-
Wappa 38854	28.08	-	-	-
Wappa 38855	27.13	-	-	-
Wonder Dawg 38856	26.73	-	-	-
Wonder Dawg 38857	29.11	-	-	-
Wonder Dawg 38858	30.64	-	-	-
Wonder Dawg 38859	27.48	-	-	-
Wonder Dawg 38860	28.1	-	-	-
Wonder Dawg 38861	26.95	-	-	-
Zazhimi 38537	27.9	-	-	-
Zazhimi 38538	27.3	-	-	-
ZWTZ 38862	26.72	-	-	-
ZWTZ 38863	29.39	-	-	-
ZWTZ 38864	26.08	-	-	-
ZWTZ 38865	27.6	-	-	-
ZWTZ 38866	27.74	-	-	-
ZWTZ 38867	27.08	-	-	-

Amplification Plots:

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

























