

Layout

RUN ID HR020222

19plex

HAIR PLATE

ROWS

	17PLEX4			19PLEX					
H	G	F	E	D	C	B	A		
H22	626	652	653	626	652	653			1 COCKTAIL
									2 1X 30
H22	612	632	638	649	650	651	662	663	3 258ul
			H12	H22					dh20 8.6 ul
665	687	692	3088	370	393	602	424		4 dNTP 4.0ul
			02	H22					120ul
443	444	518	4836	507	598	+	H ₂ O		5 1000xBuf 4.0ul
									18ul
									6 Mg++ 0.6ul
									12ul
									7 17PLEX 0.4ul
									12ul
									8 Plus Taq 0.4
									9
									10 Total:
									11 18 cocktail
									12 add 4 DNA

reper

lex3
hms1
asb2
hms6
htg10
hms7

HTG6
AHT5
ASB23
VHL20
HMS3
HMS2
AHT4
CAM25

2/2/2022

Sample Preparation

Analysis with Run ID HR020222 was created to rerun the PCR for particular samples from H3172, H3173, HR013122, and H3174. These samples were taken from the DNA Extraction 96-well plate.

DNA Extraction

The DNA from these samples were already extracted using Proteinase K solution, so no extraction was necessary.

PCR

Three samples from H3174 needed to be rePCR'd (Row 1 in picture above). For these three samples, two Master Mixes were created for 5x samples each. One Master Mix used the primers from my 17PLEX4 cocktail, and the other Master Mix used primers from the 19PLEX cocktail provided to me on my first day. The three samples were run in duplicate, one with the first Master Mix and one with the second Master Mix. Both sets were put in the thermocycler on the 17FINN program.