

THERMAL CYCLER PROGRAMS

GlobalFiler 29 Amplification Cycle Program:

Hold	29 Cycles		Hold	Hold
95°C 1 min	94°C 10 sec	59°C 90 sec	60°C 10 min	4°C (forever)

Needs to be on: Max Ramping Mode

This program will be named "Globalfiler [MUFSC]" on the Veriti Thermal Cycler.

24PLEX Amplification Cycle Program:

Stage 1 x3			Stage 2 x27			Stage 3 X1		
98.0°C 30 sec	64.0°C 55 sec	72.0°C 5 sec	96.0°C 10 sec	61.0°C 55 sec	72.0°C 5 sec	68.0°C 2 min	60.0°C 2 min	10.0°C (forever)

Needs to be on: Max Ramping Mode

This program will be named "24plex QS" on the Veriti Thermal Cycler.

Fusion 6C Amplification Cycle Program:

Hold	29 Cycles		Hold	Hold
96°C 1 min	96°C 5 sec	60°C 1 min	60°C 10 min	4°C (forever)

Needs to be on: Max Ramping Mode

This program will be named "Fusion 6C" on the Veriti Thermal Cycler.

Denature Program:

Hold	Hold
95°C 3 min.	4°C 3 min.

This program will be named "Denature" in the MUFSC folder on the Veriti Thermal Cycler.

Extension Program for Samples to be Diluted:

Hold	Hold
60°C 45 min.	4°C (forever)