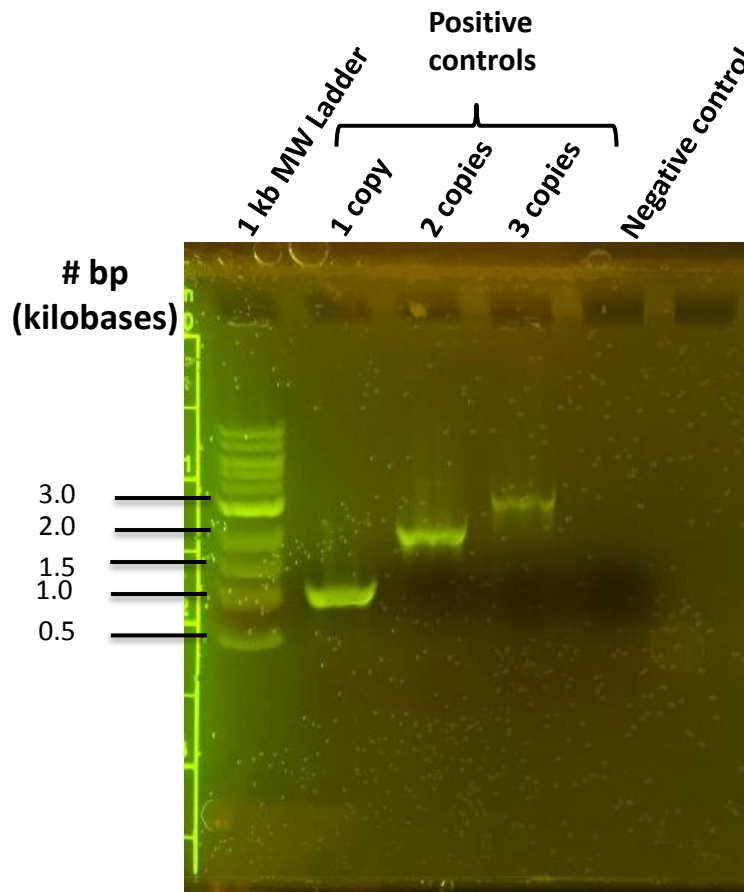


Cancer Biology Kit

PCR Data

Cancer Biology Kit

HER2 Amplification PCR Controls



0.8% TAE Agarose Gel + GelGreen

PCR Conditions

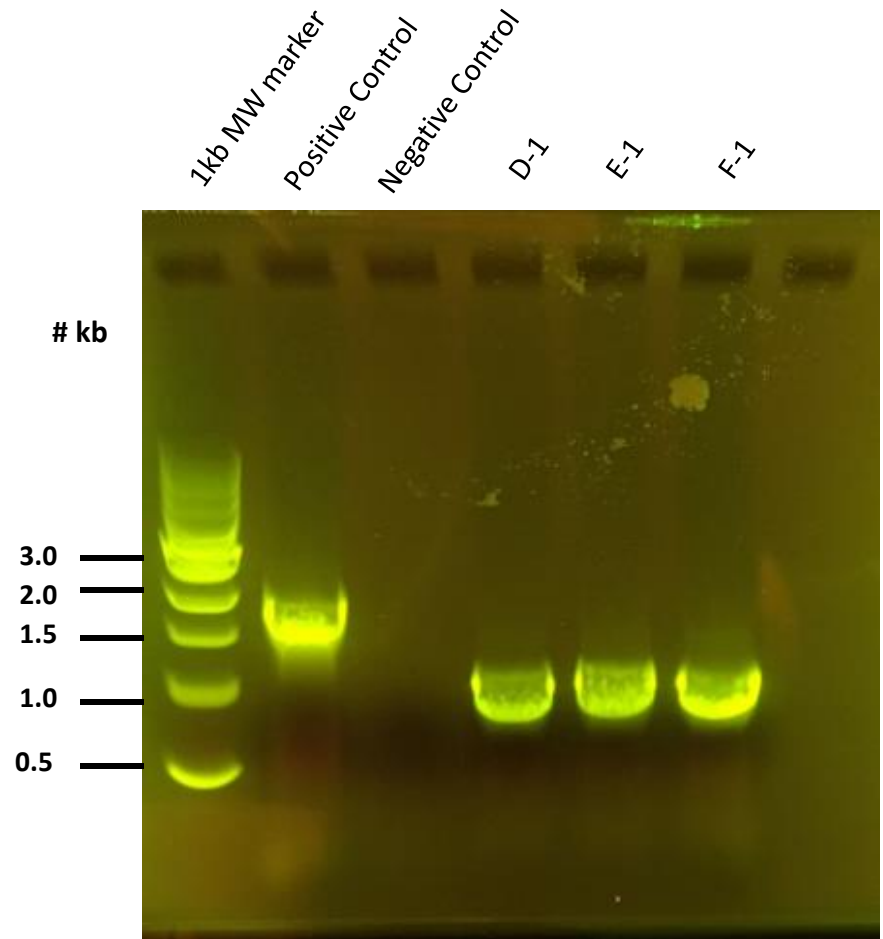
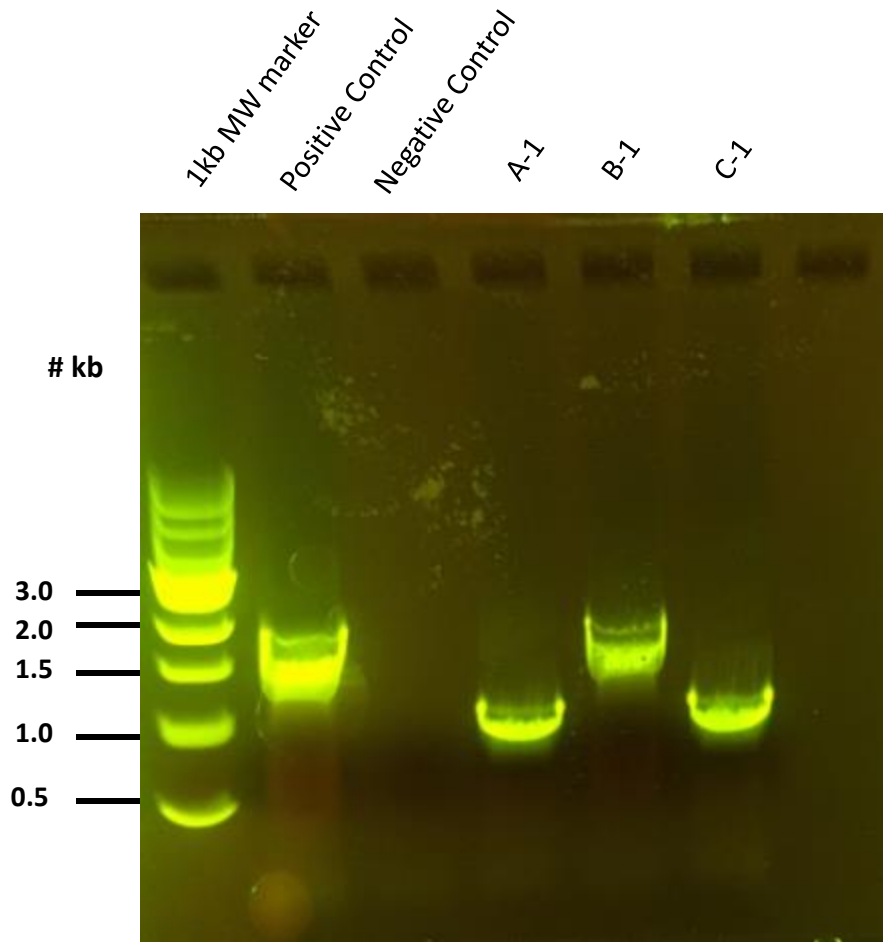
95C- 2 min
95C- 30 sec
58C- 30 sec } 30 cycles
72C- 1 min
72C- 5 min

HER 2 PCR Results

Patient:

A-1, B-1, C-1

D-1, E-1, F-1



0.8% agarose gel + GelGreen

Positive control = 2 copies of HER2 (2,000 bp)

Negative control = no DNA

Note: + control well is a bit overloaded, so band size looks closer to 1.5 kb than 2.0 kb

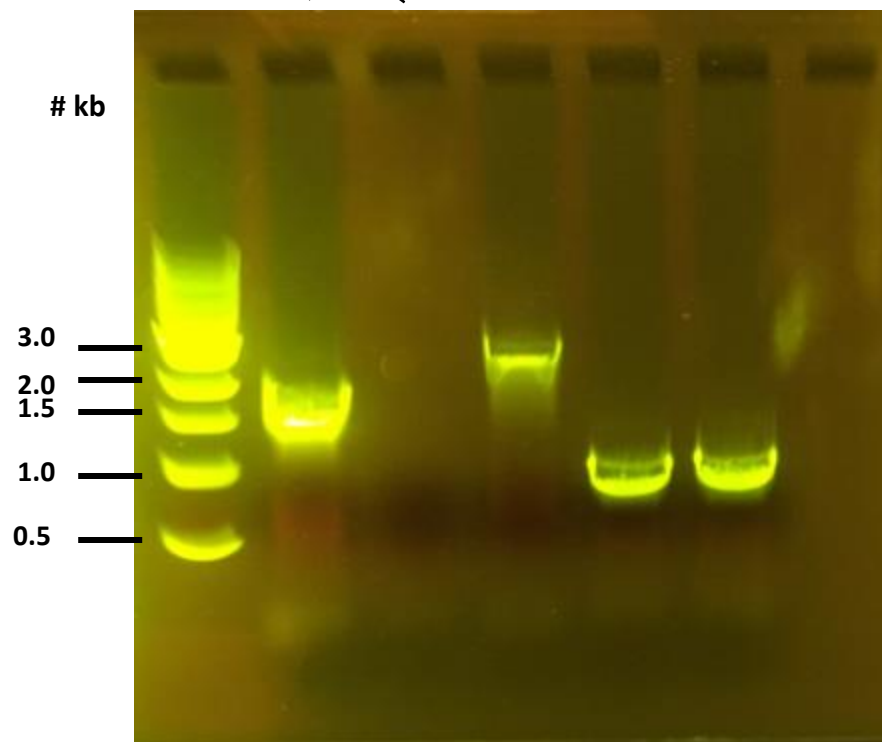
HER 2 PCR Results

Patient:

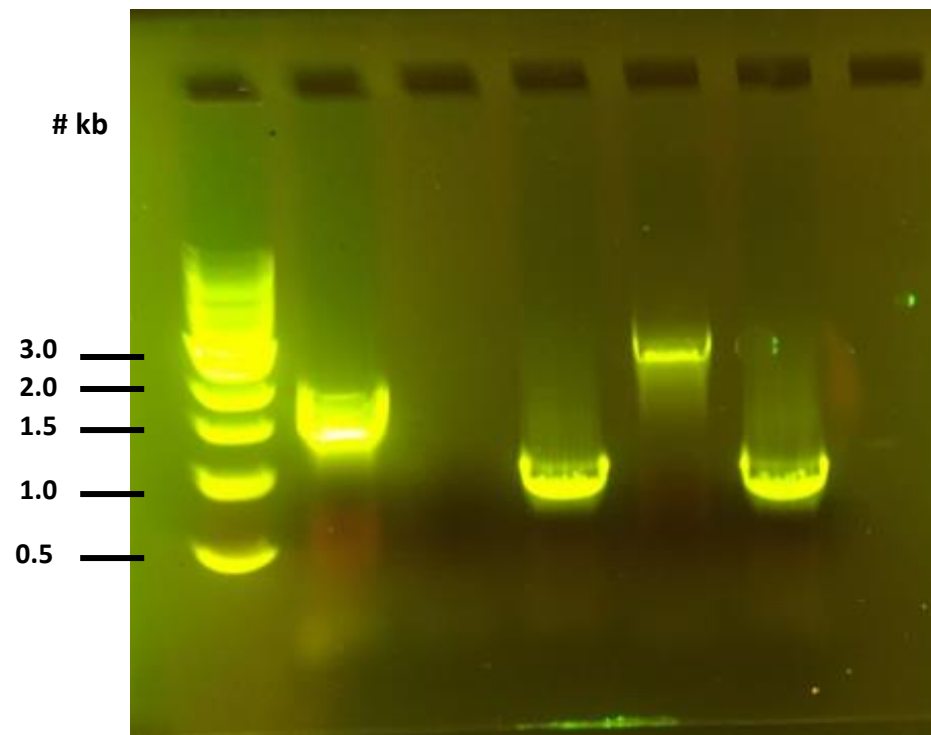
G-1, H-1, I-1

J-1, K-1, L-1

1kb MW marker
Positive Control
Negative Control
G-1
H-1
I-1



1kb MW marker
Positive Control
Negative Control
J-1
K-1
L-1



0.8% agarose gel + GelGreen

Positive control = 2 copies of HER2 (2,000 bp)

Negative control = no DNA

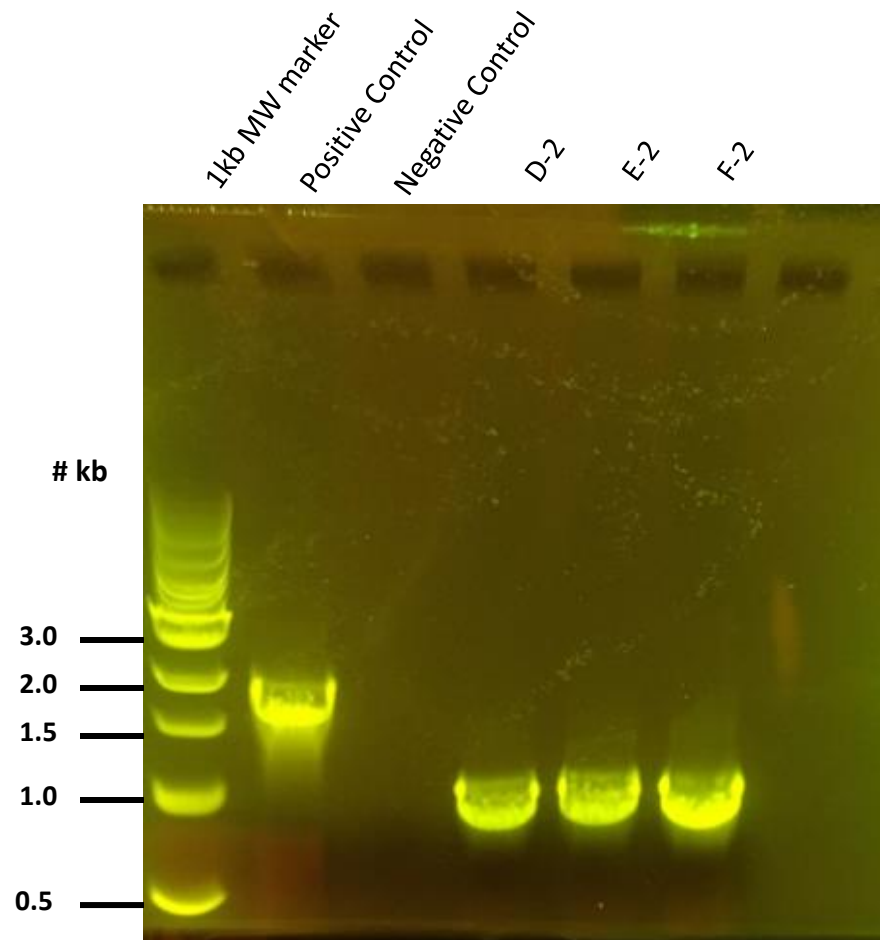
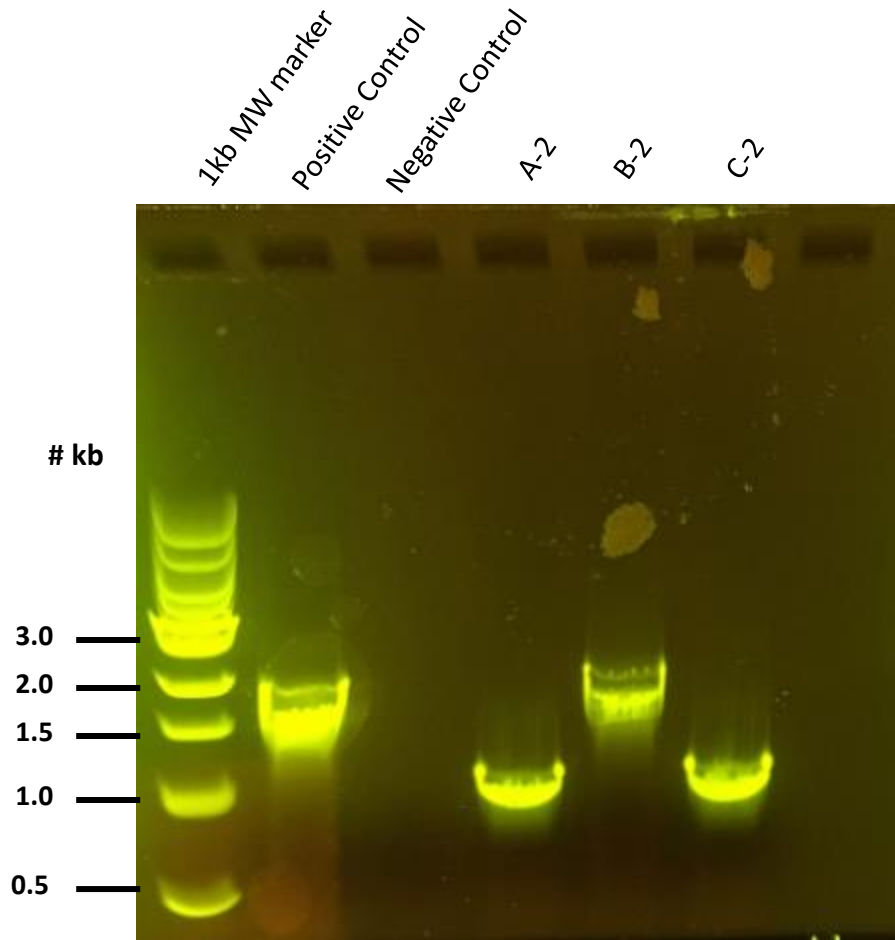
Note: + control well is a bit overloaded, so band size looks closer to 1.5 kb than 2.0 kb

HER 2 PCR Results

Patient:

A-2, B-2, C-2

D-2, E-2, F-2



0.8% agarose gel + GelGreen

Positive control = 2 copies of HER2 (2,000 bp)

Negative control = no DNA

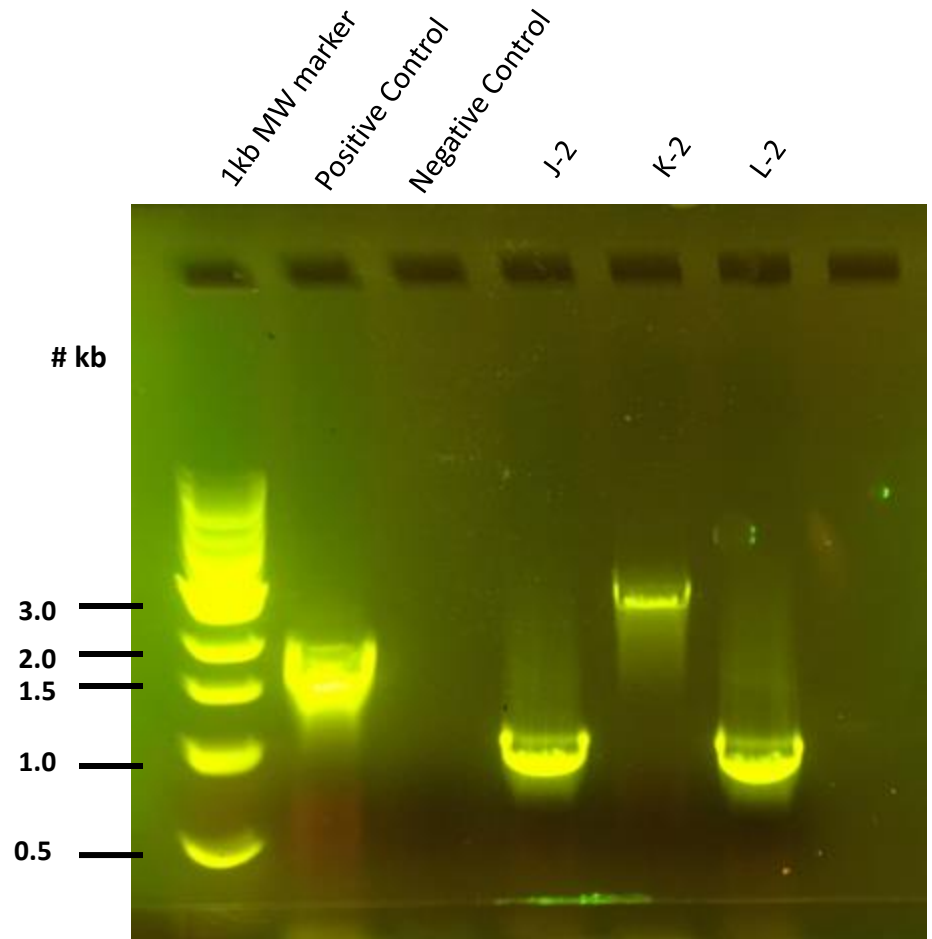
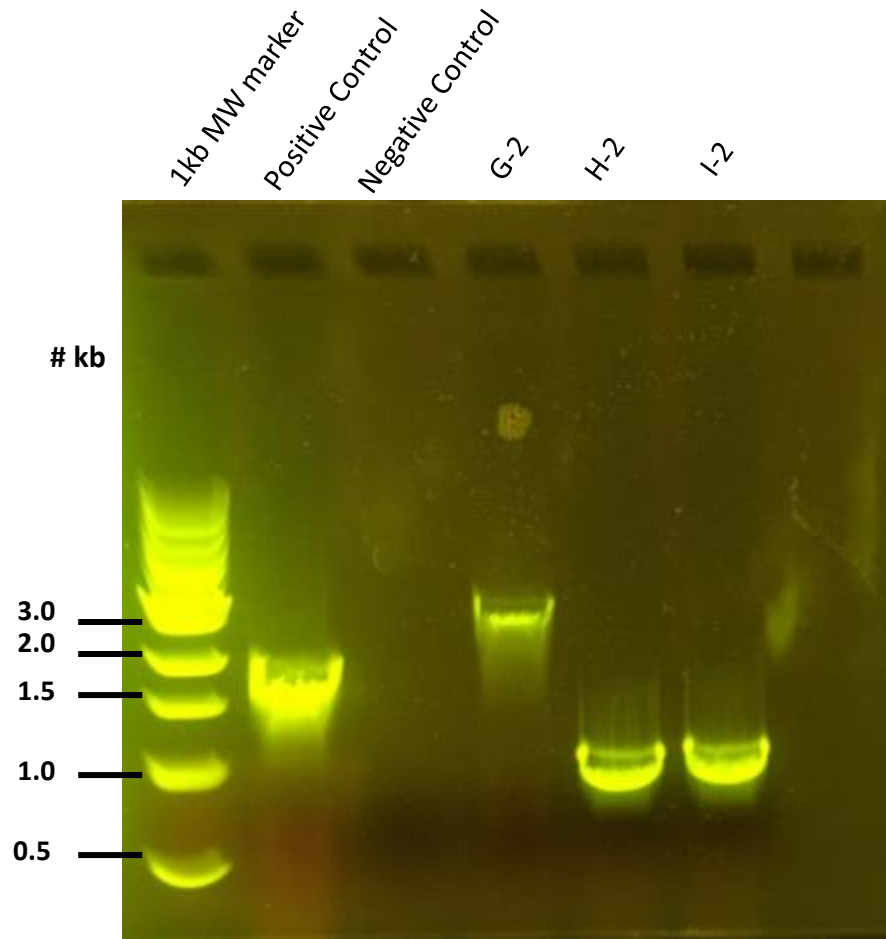
Note: + control well is a bit overloaded, so band size looks closer to 1.5 kb than 2.0 kb

HER 2 PCR Results

Patient:

G-2, H-2, I-2

J-2, K-2, L-2



0.8% agarose gel + GelGreen

Positive control = 2 copies of HER2 (2,000 bp)

Negative control = no DNA

Note: + control well is a bit overloaded, so band size looks closer to 1.5 kb than 2.0 kb