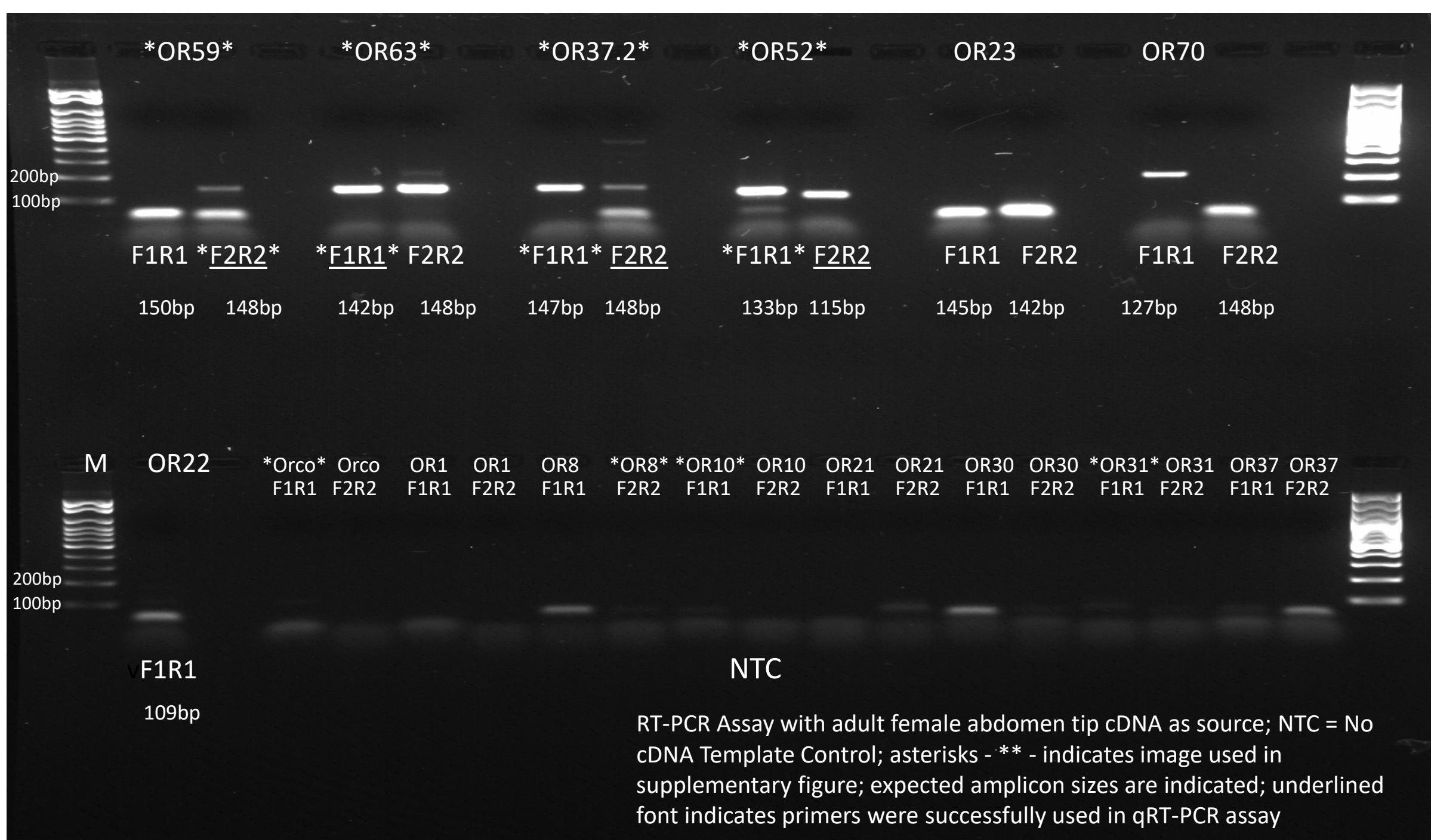
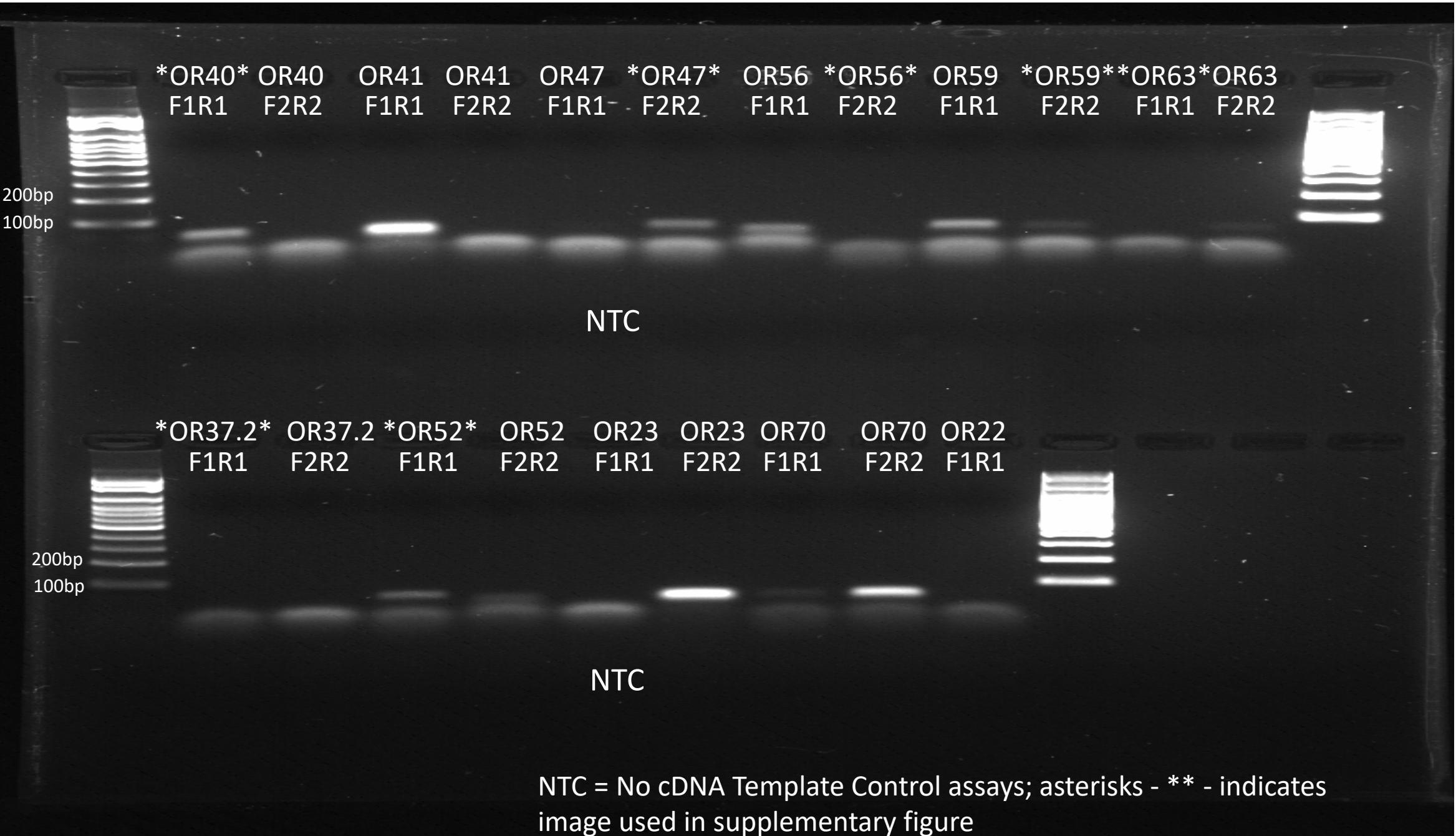




RT-PCR Assay with adult female abdomen tip cDNA as source; asterisks - \*\* - indicates image used in supplementary figure; expected amplicon sizes are indicated; underlined font indicates primers were successfully used in qRT-PCR assay

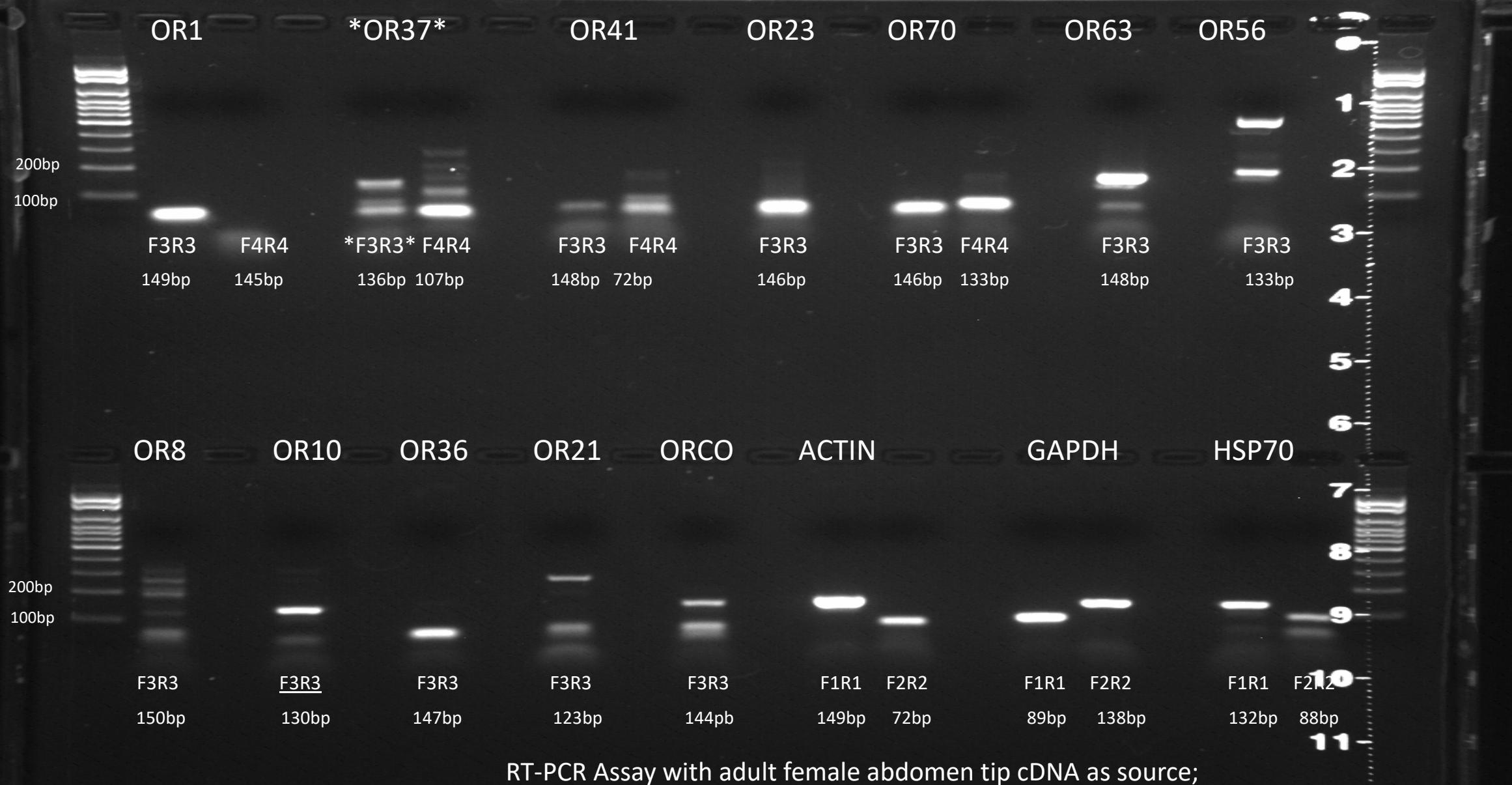




NTC = No cDNA Template Control assays; asterisks - \*\* - indicates image used in supplementary figure



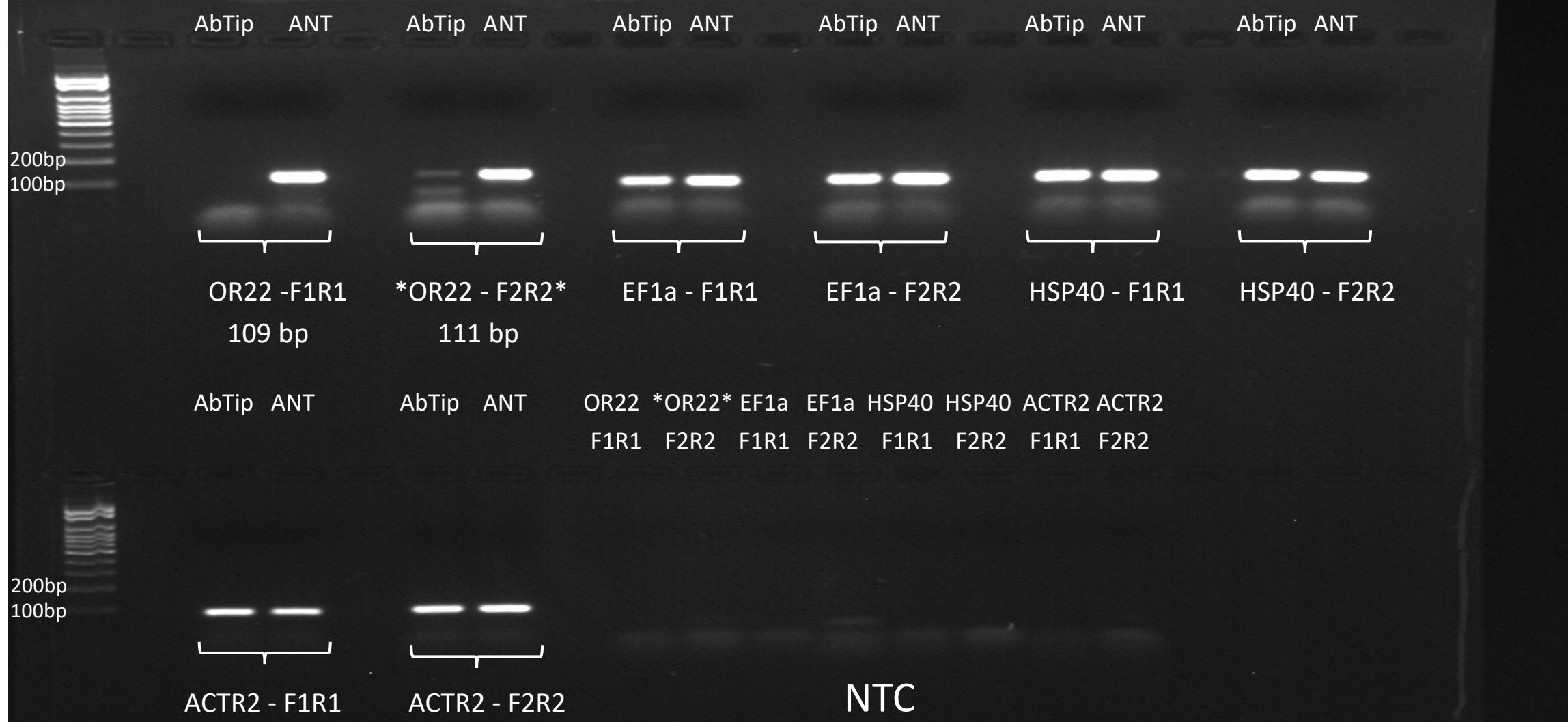
RT-PCR Assay with adult female abdomen tip cDNA as source;  
NTC = No cDNA Template Control; asterisks - \*\* - indicates  
image used in supplementary figure



RT-PCR Assay with adult female abdomen tip cDNA as source;  
asterisks - \*\* - indicates image used in supplementary figure;  
underlined font indicates primers were successfully used in qRT-PCR  
assay



NTC = No cDNA Template Control assays; asterisks - \*\* - indicates image used in supplementary figure



RT-PCR Assay with antennal (ANT) or adult female abdomen tip (AbTip) cDNA as source; NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in supplementary figure; expected amplicon sizes are indicated

## Antennae

## Abdomen Tips

OR4 OR5 OR6a OR7 OR15 OR18 OR26 OR27  
 F1R1 F1R1 F2R2 F1R1 F1R1 F1R1 F1R1 F1R1

\*OR4\*\*OR5\* OR6a OR7 \*OR15\* OR18 \*OR26\*\*OR27\*  
 F1R1 F1R1 F2R2 F1R1 F1R1 F1R1 F1R1 F1R1

200bp  
100bp

148bp 129bp 100bp 136bp 113bp 144bp 129bp 149bp

1- M

2-  
3- 200bp  
100bp

4-

5-

6-

7-

8-

9-

10-

11-

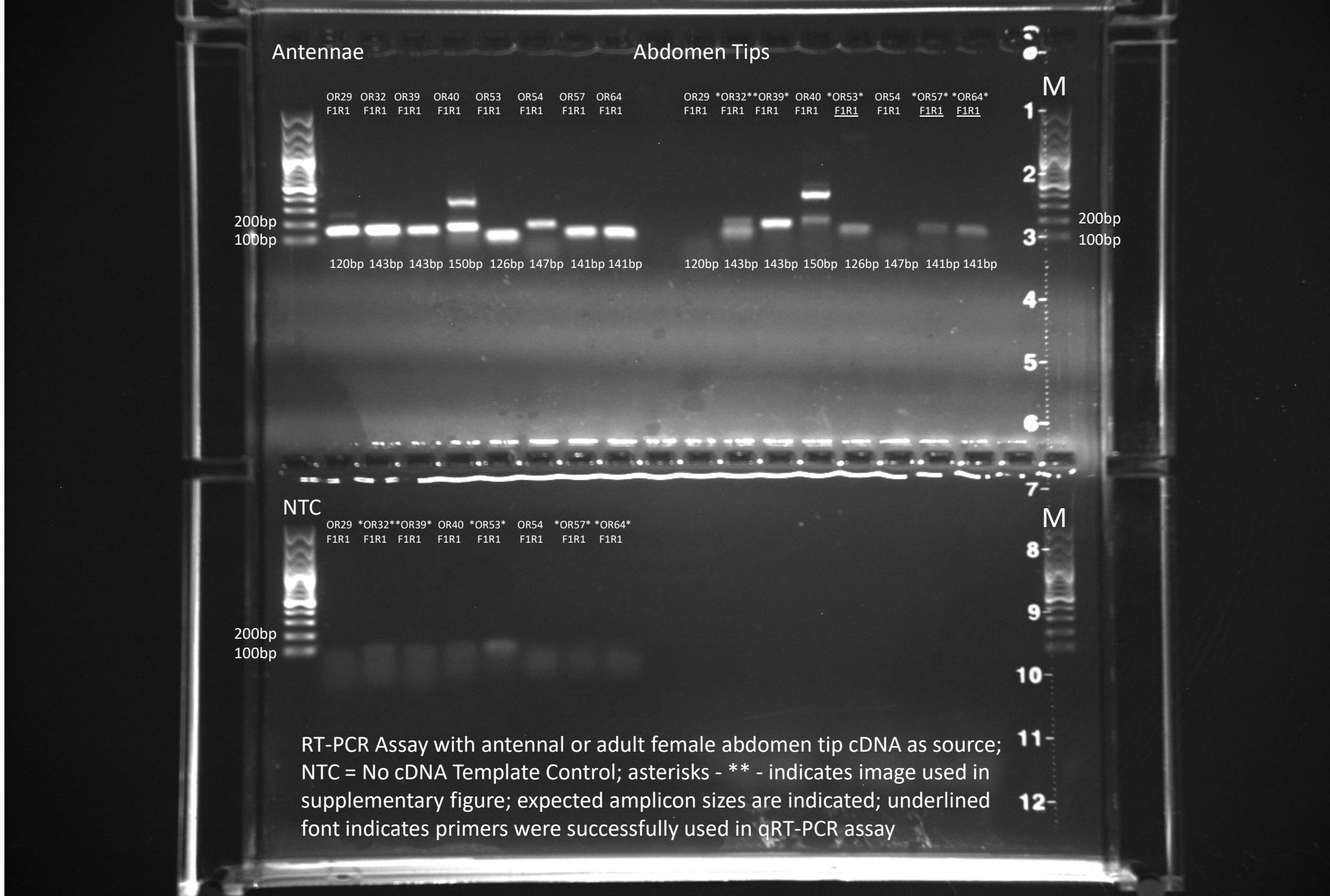
12-

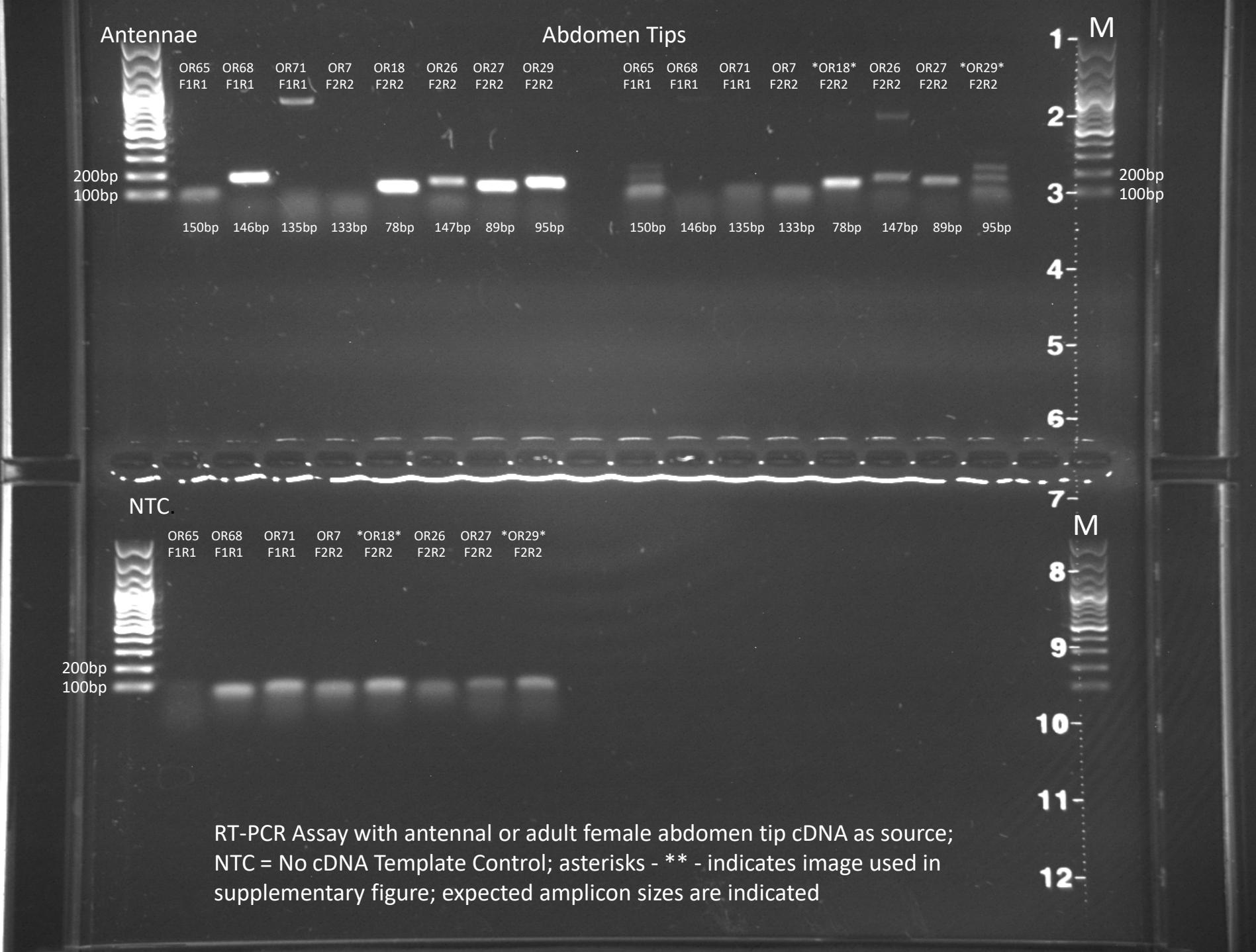
NTC

\*OR4\* \*OR5\* OR6a OR7 \*OR15\* OR18 \*OR26\* \*OR27\*  
 F1R1 F1R1 F2R2 F1R1 F1R1 F1R1 F1R1 F1R1

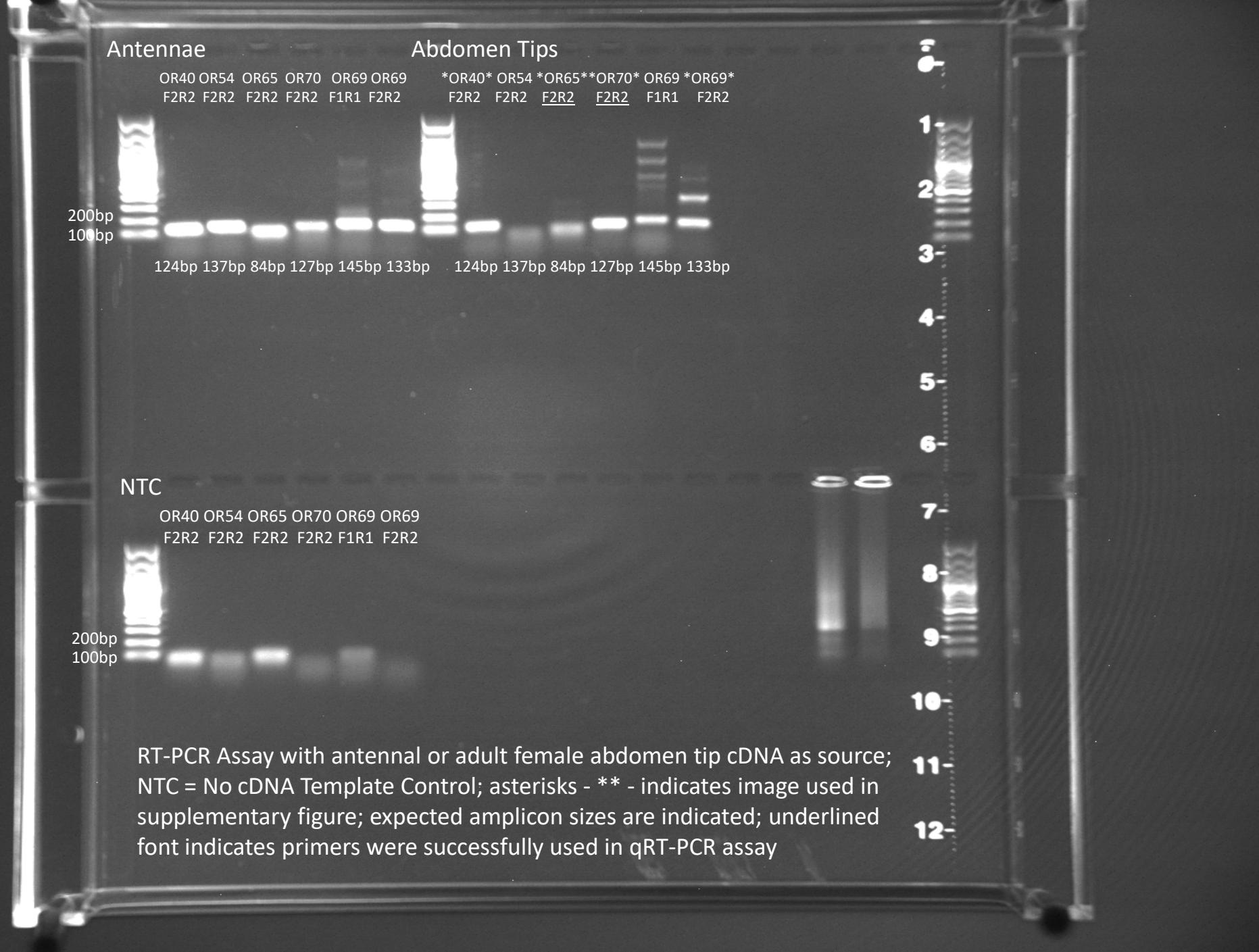
200bp  
100bp

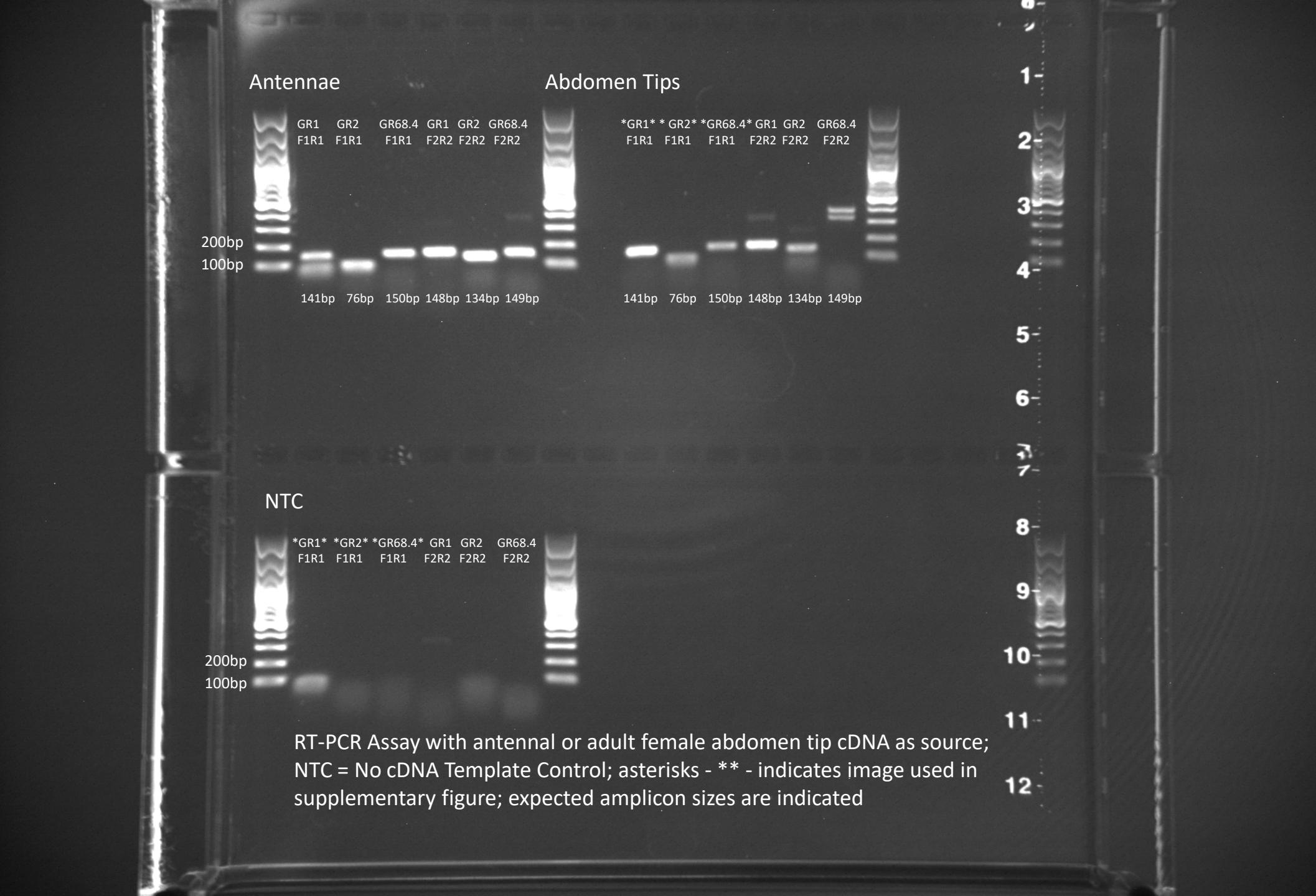
RT-PCR Assay with antennal or adult female abdomen tip cDNA as source;  
 NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in  
 supplementary figure; expected amplicon sizes are indicated; underlined  
 font indicates primers were successfully used in qRT-PCR assay



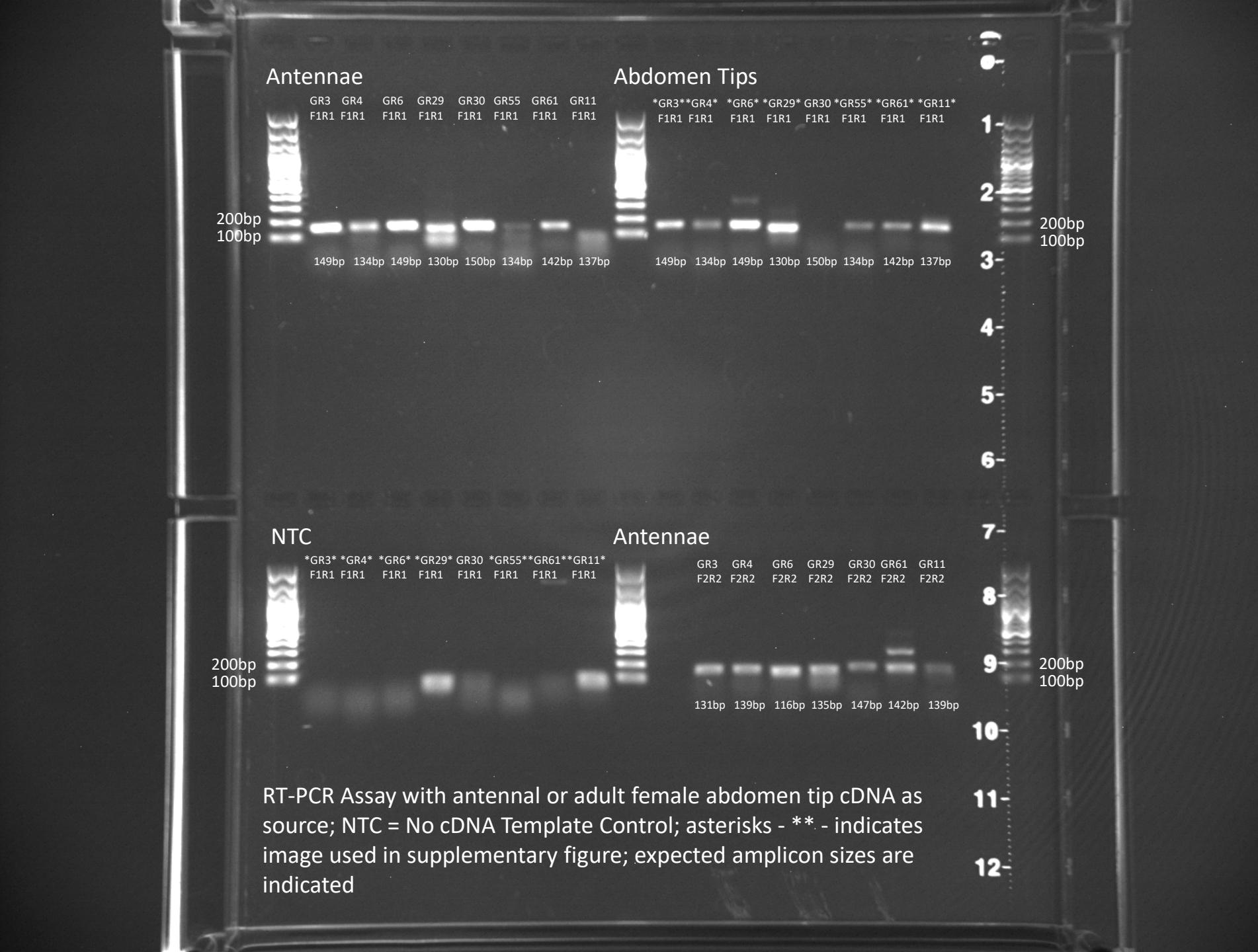


RT-PCR Assay with antennal or adult female abdomen tip cDNA as source;  
NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in  
supplementary figure; expected amplicon sizes are indicated



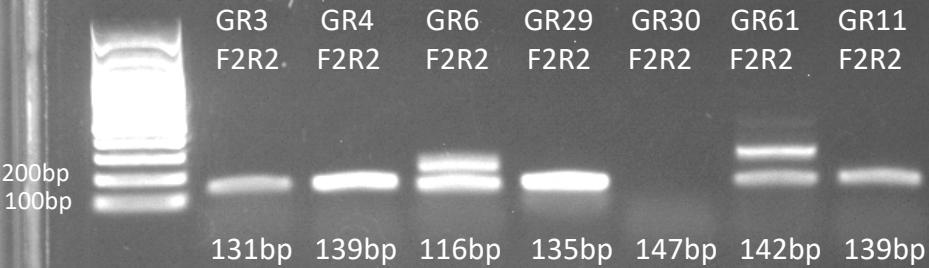


RT-PCR Assay with antennal or adult female abdomen tip cDNA as source;  
NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in  
supplementary figure; expected amplicon sizes are indicated



RT-PCR Assay with antennal or adult female abdomen tip cDNA as source; NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in supplementary figure; expected amplicon sizes are indicated

Abdomen Tips



NTC

GR3-2 GR4-2 GR6-2 GR29-2 GR30-2 GR61-2 GR11-2

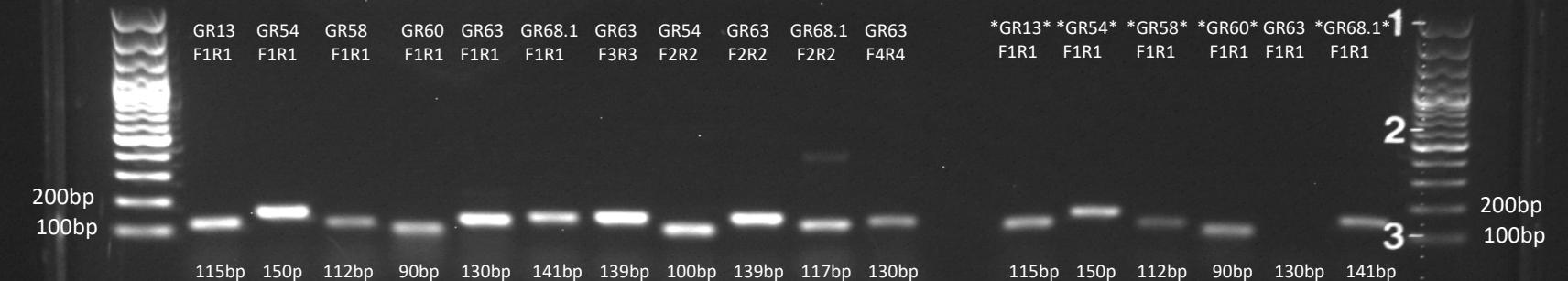
200bp  
100bp

200bp  
100bp

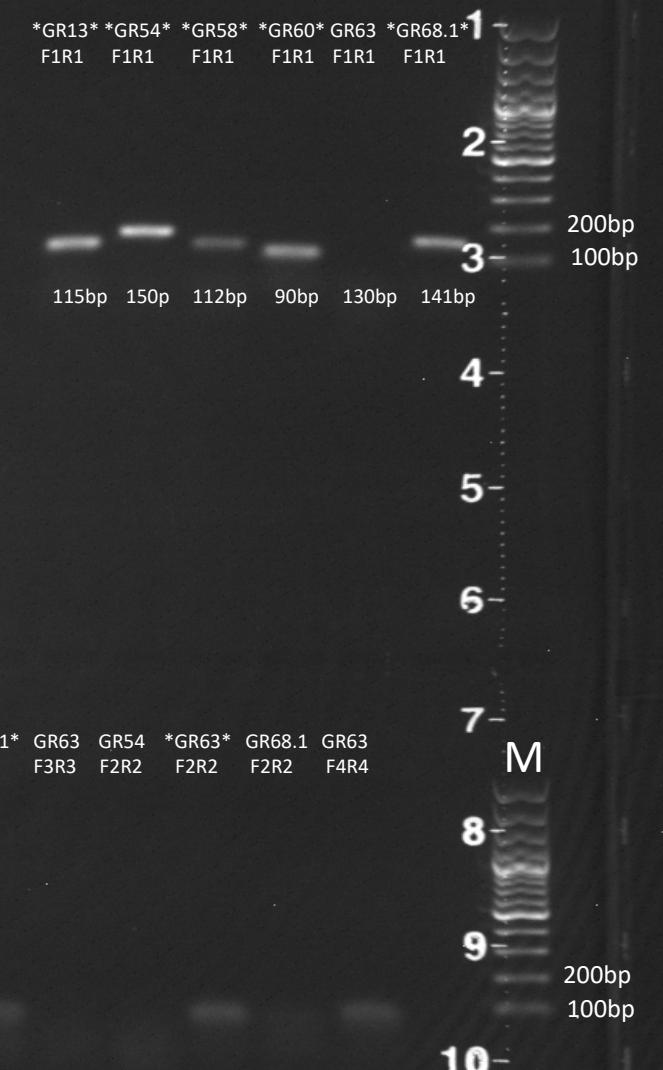
10

RT-PCR Assay with antennal or adult female abdomen tip cDNA as source; NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in supplementary figure; expected amplicon sizes are indicated

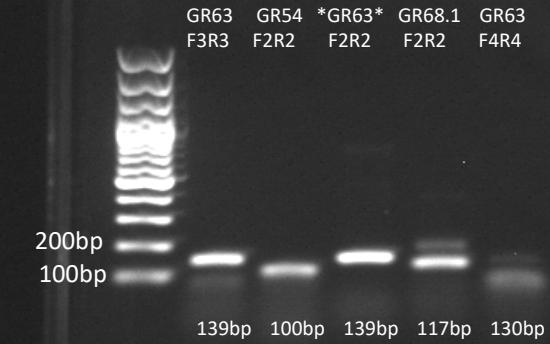
### Antennae



### Abdomen Tips



### Abdomen Tips

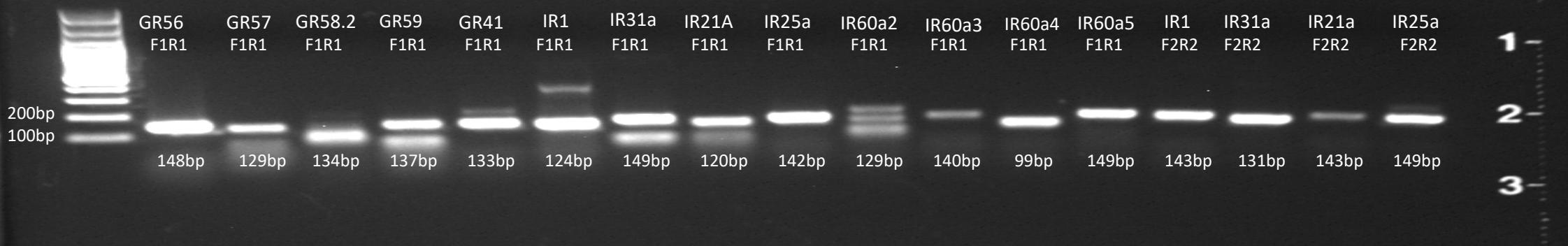


### NTC

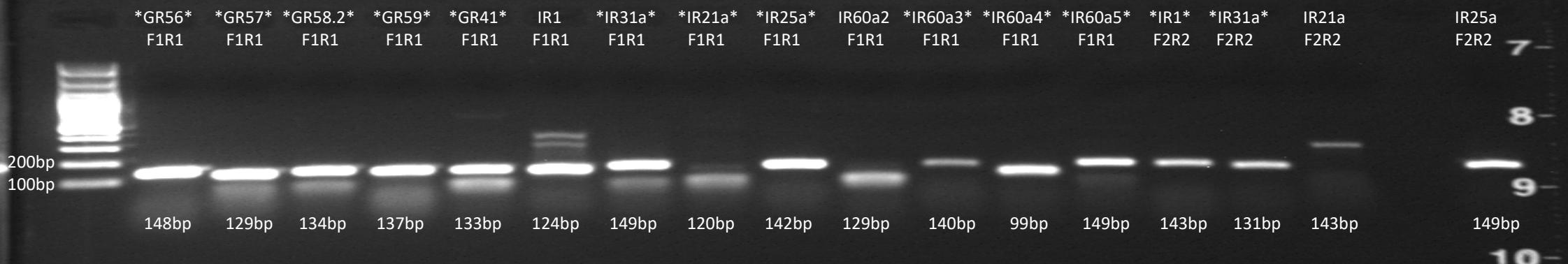
RT-PCR Assay with antennal or adult female abdomen tip cDNA as source;  
NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in  
supplementary figure; expected amplicon sizes are indicated

12-

### Antennae

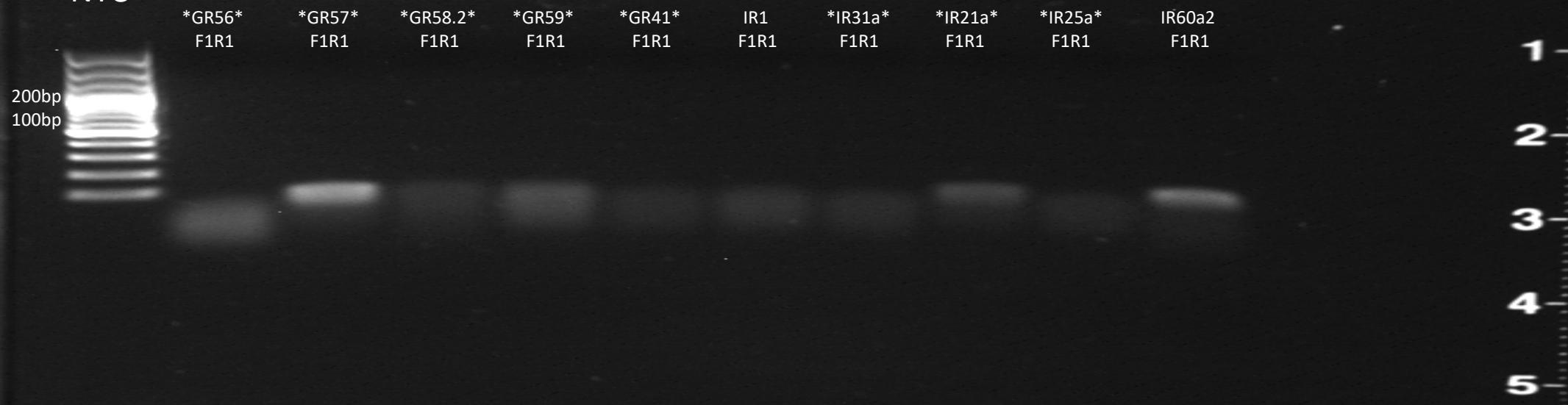


### Abdomen Tips



RT-PCR Assay with antennal or adult female abdomen tip cDNA as source; asterisks - \*\* - indicates image used in supplementary figure; expected amplicon sizes are indicated

NTC

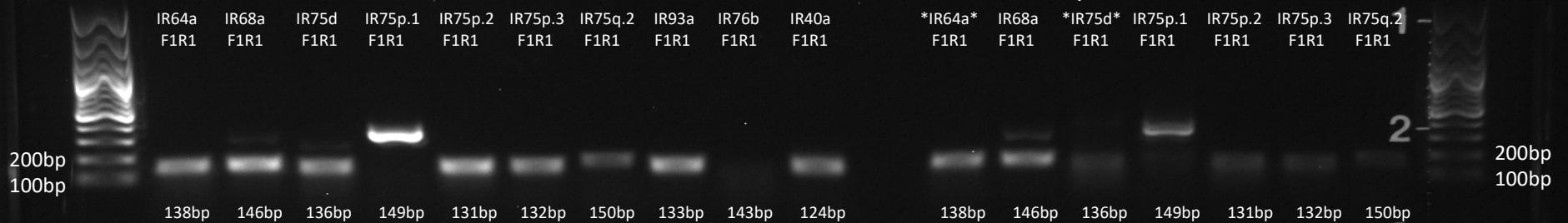


NTC

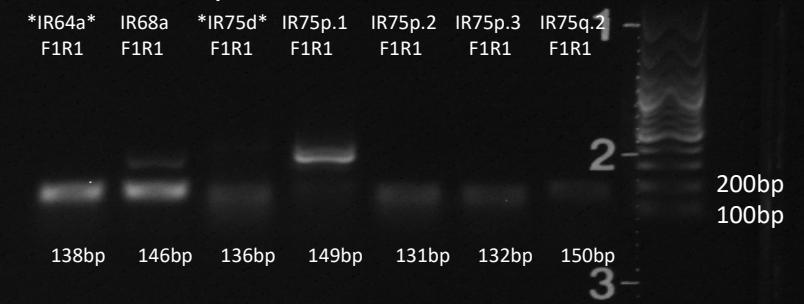


RT-PCR Assay with NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in supplementary figure

### Antennae



### Abdomen Tip

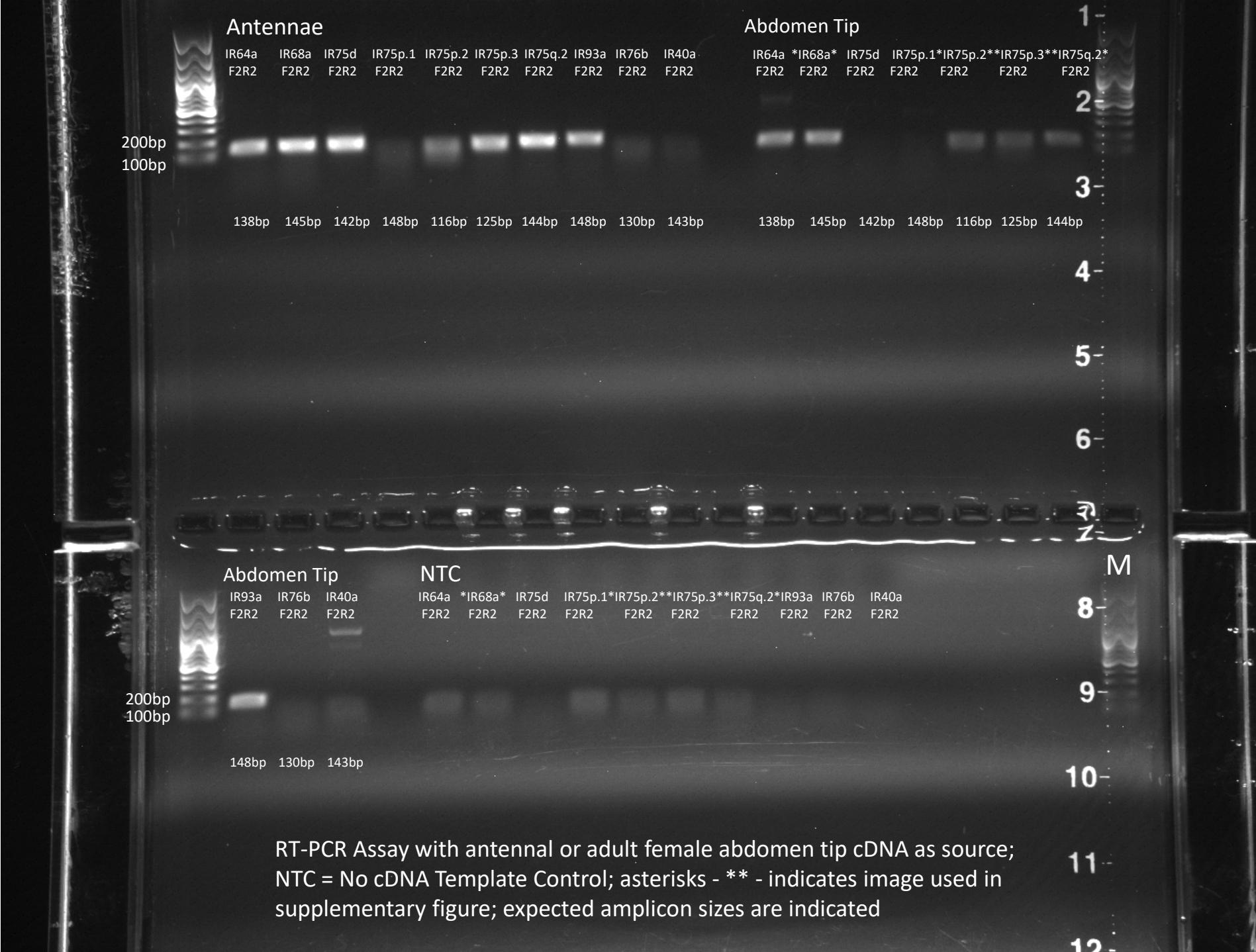


### Abdomen Tip



RT-PCR Assay with antennal or adult female abdomen tip cDNA as source;  
NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in  
supplementary figure; expected amplicon sizes are indicated

10-  
11-



RT-PCR Assay with antennal or adult female abdomen tip cDNA as source;  
 NTC = No cDNA Template Control; asterisks - \*\* - indicates image used in  
 supplementary figure; expected amplicon sizes are indicated

