

Appendix III: Primers used in this study

PRIMERS for GENE DELETION

Primer name	Sequence
Meu19_F	5'-agtttaacgaccgctacgtagtgaatgctacaaaataagtctac tcagatattatgcagccgactcatctgattttg <u>cgatccccgggtaattaa</u> -3'
Meu19_R	5'-gcttactcataattctctttaaaaaatcgatgtgacattgtgaatacata aacgcaataatctactgctaaaatg <u>gaattcgagctcgtttaa</u> -3'
Meu3_F	5'-taacgctaatgtcatacaacaccgtattcgtctgattgtctacaaaatgta aacaacaattttatcgattgatc <u>ggatccccgggtaattaa</u> -3'
Meu3_R	5'-ctactcattattcctcattaaaagatcgacttggcactgaaaacaatgaac cgccgatactctatattgttacaagc <u>gaattcgagctcgtttaa</u> -3'
Ace2_F	5'-atttctctcatcgttctctcttgatttctctacgcattgcactagatactcgta tcctaagtaacaagacaatgtcgc <u>ggatccccgggtaattaa</u> -3'
Ace2_R	5'-aattgtcacagcattagttcatgtacgatgcttgaatttgaattatataaac aaataaaaacaataatattagtaaga <u>attcgagctcgtttaa</u> -3'
Fh11_F	5'- gcttctagtctcattgtgcttcaattggctagaagtttagcttactataaaaa aggaagtctttgggtcattaaggcc <u>ggatccccgggtaattaa</u> -3'
Fh11_R	5'-ccaagttgtgcaatcactgtcaaaaaagaaaaatgaaacagcttatgcat gctggaagtgaatttcggcactaattg <u>gaattcgagctcgtttaa</u> -3'

The underlined sequence represents the sequence homologous to the plasmid multiple cloning site.

PRIMERS for CHECKING GENE DELETIONS

Primer name	Sequence
Ace2_check_R	5'-gttatacacaataactagggtgatg-3'
Meu3_check_R	5'-cgtttcaatattgaaattcttacag-3'
Meu19_check_R	5'-tcgcatcttagattaacatataagg-3'
Kan_check_R	5'-gtcacatcatgccctgagc-3'

PRIMERS for CLONING - OVEREXPRESSION

Primer name	Sequence
C16g5.15 forward	5'- ctcgagatgactgttcgcaga ctcgaaagc-3'
C16g5.15 reverse	5'-gggataagatattaaacaaggtg-3'
C6g10.12c forward	5'- ctcgagatgctgctttcatat -3'
C6g10.12c reverse	5'-tcattagtgtgtctgcatc-3'
C1142.08 forward	5'- ctcgagatgcctgttcagag -3'
C1142.08 reverse	5'-tcaggtataagaggatgatgtctc-3'
Sep1 forward	5'- ctcgagatcttctcatgaat -3'
Sep1 reverse	5'-ttagaatagtgtgaagttgac-3'

The sequence in bold corresponds to the *Xho*I restriction site.