

Oligonucleotide Sequences

Primers for 35S:GFP-LOB cloning

LOB

5` - AGATCTATGGCGTCGTCATCAAACCTC – 3` and
5` - GGTACCCTCACATGTTACCTCCTTGC – 3`

Primers for pET21a cloning

LOB Domain

5` - GAATTCATGGCGTCGTCATCAAACCTC – 3` and
5` - AAGCTTATGTGCCAAGTCAGCATTAGC – 3`

LOB

5` - GAATTCATGGCGTCGTCATCAAACCTC – 3` and
5` - AAGCTTCATGTTACCTCCTTGCTGATCATG – 3`

LBD4

5` - GAATTCATGAAAGAAAGTAGCCGGAAGC – 3` and
5` - CTCGAGGCAAGACCACATAGACTCTCCC – 3`

AS2

5` - GAATTCATGGCATCTTCTTCAACAAACTCAC – 3` and
5` - AAGCTTAGACGGATCAACAGTACGGCG – 3`

bHLH048

5` - GGATCCATGGATCTGACCCAAGGTTTCAG – 3` and
5` - AAGCTTGAGCTCCATTTTCACCTGATTTGG – 3`

Oligonucleotides Used to Generate Probes

AH3 Wild-type Sense

5` - GGGGGCACGTAAATAGCGGCGTAATATGCG – 3`

AH3 Wild-type Antisense

5` - GGGGGCGCATATTACGCCGCTATTTACGTG – 3`

AH3 Mutant Sense

5` - GGGGGCACGTAAATAGCACGTAATATGCG – 3`

AH3 Mutant Antisense

5` - GGGGGCGCATATTACGTGCTATTTACGTG – 3`

AH4 Wild-type Sense

5` - GGGGGGCGTAGCGCG**CGGGCG**CATTTTGTGA - 3`

AH4 Wild-type Antisense

5` - GGGGGTCACAAAATG**CGCCGCG**CGCTACGC - 3`

AH4 Mutant Sense

5` - GGGGGGCGTAGCGCG**CAAC**CGCATTTTGTGA - 3`

AH4 Mutant Antisense

5` - GGGGGTCACAAAATG**CGTTG**CGCGCTACGC - 3`

Primers for Cloning into pAS2 and pACT2

LOB into pAS2

5` - CATGCCATGGCGTCGTCATCAA**ACTC** - 3` and

5` - CGGGATCCTCACATGTTACCTC**CTTGC** - 3`

AS2 into pAS2

5` - CCATGGCATCTTCTTCAACAAA - 3` and

5` - GGATCCTCAAGACGGATCAACAGTAC - 3`

AS1 into pACT2

5` - CCATGGAGATGAAAGAGAGACAACGTTG - 3` and

5` - GGATCCTCAGGGGCGGTCTAATCTGC - 3`

Primers for *pbHLH048:GUS* Cloning

pbHLH048

5` - TCTAGAGGGAGATTTGACCGAGGTATGATTC - 3` and

5` - GGATCCGAAACCTTGGGTCAGATCCATTAGCC - 3`