

Table S3. List of sequences obtained from the qPCR cloned bands.

MdCHI1

GTTCCCGGGCAACTTTGCTTTGTTGCAGGGGAAACACCATGCTTTCCCACCATCGACTC
TAGAACTGCCTCGGAAAGTAGTTTGCTTTCTATCACTGCATTTGCAGCTTCCGGTATGG
ATGCATCTTTGGAGAAGCTAATCGTGAGTAATCCTTCAGGAGATTGTGTGAAGAGAAT
AGAGGGACCCGGTGGGAAGTTTTGATCTTTGAAAACATCAATGAACGTGTTCAATGGCT
TTGCCTTCTAGATCAGTGTAATTTCCCACTGACTTCCAAAAGAATACACAATTCTCCGA
AACTTAAA

MdCHI2

AAAAACTTTCCCACCCGGCGCCTCCATTCTTTTCACGCAATCTCCCAAAGGATCACTAA
CGATTAGCTTCTCTAGAGATGCATCCGTACCTGAAGTTGCAAACACGGTGATAGAAAA
CAAACACTTTTCCGAGGCAGTTCTAGAGTCAATCGTTGGAAAGCACGGTGTTTCTCCTG
CAGCAAAGCAAAGTTTGGCCGCAAGGTTATCGGAATTGTTGAATGGGTGCAAGGAATC
TTATCGTGCTG

MdCHI3

CTCTGACAAGTTTCGGAGATTGCGTTGCCTTTTGGAAGTCAATCGGAATTTACACTGAT
GCAGAAGGCCAAAGCCATTGAAAAGTTCCTTGAAGTCTTCAAAGATCAAACTTCCCAC
CCGGCGCCTCCATTCTTTTCACGCAATCTCCCAAAGGATCACTAACGATCAGCTTCTCT
AGAGATGCATCCGTACCTAAAGCTGCAAACACGGTGATAGAAAACAACTACTTTCCG
AGGCAGTTCTAGAATCGATCGTTGGAAAGCACGGTGTTTCTCCTGCAGCAAAGCAAAG
TTTGGCCACAAGGTTATCTAAATTGTTGAGAGA

MdPAL1

GGGGAAAGTGCTTCGTGTGTTGGCGTCAACAGAACCATAGAAGCCAAACCAGACCCAA
CTGCTGTTCCATTGACCAAGGCAAGCCCTTCTTTTGGTTGCAACTCAAAGAACCACCA
TCAATCCCAGCTAGCTTAAAGGCATCAGAAGCGGTTAAGGTTTCCCCATTAGGTCCGGT
GGACTTGGAGTTAGGCCTTCCAATCAAAAGCA

MdPAL3

GGGGGGCTATTAGATTCTTGAACGCTGGAGTGTTTGGAAGTGCTACAGAATCAGGCCA
CACACTGCCACACCAAGCAACAAGAGCAGCCATGTTGGTCCGAATCAACACACTCCTC
CAAGGCTACTCCGGCATAAGATTTCGAAATCTTGAAGCCATCACCAAGTTCCTGAACA
ACAACGTTACTCCATGCTTGCCCCTACGCGGTACTATTACCGCCTCA

MdPAL4

GGGGGTGCTGCAAGATCCAGCATTCAAGAATCTAATTAGCTCCCTCTGAAGAGCTCCA
CCTTGCTTGGTTCTCCTATGCGAGGTTGCACCAAAGCCAGTGGTCACACCATAGCTGTC
TGTGCCTTTGCCCATGCTATCCATAACCCAATCACTGCTGGCCTTTACCCCAGCCCTTT
GTCCTCCGACAGCTCCACCTTGGCACCGTCATGGTTGGCAATCGCAGCCACAACGTGA
GGGGCAGGGGAGCTGTCCGAGGATAAAGGCGGGGTAAAGGCACCTGATTGGTTTATG
CATAGCTGGGCCAGGACCACGCTATGGCGTGCCCTCCTTTGCCGCCTCCCTAGACCCCC
CCCTGCCCCCCCCAAGCCACCACCCCCG

Md4CL1

GGCCACACGGGCATGCATTTGTTTCTTGGTCGATCACGCATAAACAAGTAACAGACAC
CATGACCATTGCTTCCAGTTCCGTCGAAACTCAAAAGCCGGCAGACATACCTACCAAT
CTCATGCCGTCTGAGATTAATTCTACCTCTCAACAAAATCTAACCCAATTGCAACCCGC

CGCCTGCACCAACAATATTATTGATTCCACCACCGCCACCTCCACCGCCACTGCCACCA
CTAACCATGGGAATTAATATCAAAACCCC

Md4CL4

AAATCCGCTCTCTTTCTCAATTCTTATTTTTCTGTATATTTCAATCTGTTTATTGGTCGAT
ATATCACACACAAAGAAGC
AACAGTCACCATGATCTCCATTGCTTCTAATTCCGTTGAAACCCAAAAGCCGGCAGAC
ACATCTACCAATCTCATGCCTC
CTCTGATTAATTCTACCTCTCAACAAAACCTAACCCAATTGCAACCCCCCGCCTGCACC
AACAATATTATTGATTCCACC
ACCGCCACCGCCACCAGTAACCATG

MdLAR1

AATGGCTGCCTAATCGCCGTGTATCGATAGTAGTCTGAACATGAATTTGATCAACAGTC
CTGATTCTGATAGATTGATCAAGCACAAGTGGGAGTGACAGCCCTGGATTTCGACGACG
GCGTTTTTGGTGGAGACGTTCTCCTCATGCACTGGCTCTAG

MdLAR2

CCATTTTTCTGTAATGAATTCCAGCTTCCTTGTCCAGCAATAAAAAATAAAATAAAAA
TCAAATTAGTATCTTCCTCGAAGAAACCCTAGAAACCCTCCCCCTCCATACCAATTTTA
TAACAAGCTCACCCCGAACTGTTGGAACATTTCTTTTCCTAGTAATAAATCCAGAACA
TGA

MdDFR1

ACCCGCGGCGACGACGATCCACTGGAGCGACGTTGAATTTTGCCTCTCCGTCAAGATG
ACTGGTTGGATGTACTTCGTTTCCAAGACTCTAGCTGAGCAAGCTGCATGGAAGTATGC
CAAAGAAAACAACATTGATTTTCATCACCATTATCCCAACTCTTGTGATTGGTCCATTTC
TCATGCCATCCATGCCACCAAGCCTCATCACTGGACTTTCACCAATCACACGAACTAAA
TCA

MdDFR2

ACATAATTGGGCATCATCAGCAGGGCCAGTATGTTCACTTGGACGACCTCTGCCTTTCT
CACATTTATCTTTACGAGCATCCGAAAGCCGAAGGCCGTTACATTTGTTTCGTACATGA
TGCTACAATTACGAACTTGTA AAAATGCTCAGAGAAAAATACCCCGAATACAATATA
CCCACAAAGTTCAAGGGCATCGACGACA ACTTAGAACCAGTTCATTTTTCTTCAAAGA
AGTTGAGGGAGATAGGGTTTGAGTTCAAGTACAGCTTGGAGGACATGTTTGTGGGGGC
TGTCGATGCGTGCCGGGCAAAGGGCTTGATTCCGATTCCGATTCCGGCAGAGAAA ACT
GAGGCTGCTGAGGAGAGCAACCTCGTTGATGTCAAAGTTGGTTA

MdUFGT1

ATCCATGCGGGAGAGTCATTTTCGGA ACTTGGACTCGGTAATTTCCGGCATGCTACTTC
AGATGGGACGGCTCCTCCCCCGTGCCACCGCAGTTTTTCATGAACGGCTTCGAAGAATT
GGA ACTCCCCATACCAAACGACCTAAAGTCCAAAGTCAACAACTCCTCAACGTAGGA
CCTTCCAACGTAGCATCCCCGCTGCCACCGCTGCCGCCATCAGATGCTTGCTTGTCATG
GCTAGACAAGCAACAGGCTCCATCCTCCGTCTGTACATAAGCTTCGGGACAGTGG

MdUFGT2

TAGGGTATCGGAAGAGCTGCTAGCATAGCGGAGGCCCTGGAAGCCACAGGGGGCTCCCT
TCTTGTGGTCGCTCAAGGACA ACTTCAAGACACCGTTGCTGAACGAGTTCTTGACAAA
AATATTGTCAAAGGTGAACGGGATGGTGGTGCCGTGGGCTCCTCAGCCGCATGTCCTG
GCCACGCTTCGGTCGGAGCTTTCGTGTCACATTGCGGCTGGA ACTCGCTGCTGGAGAC

TATAGCCGGAGGGGTGCCCATGATTTGTAGGCCATTTTTTGGAGACCACAGGCTTAATG
CAAGGATGGTGGAGGACGAGTTGGAGATAGGGGTAAATGTGGA

MdC4H1

CGTACCATTGACACATCCTCGACGCGCAGCAGAAGGGAGAAATCAACGAGGACAATG
TTCTCTACATCGTCGAGAACATCAATGTTGCTGCTATTGAAACCACATTGTGGTCGATC
GAGTGGGGAATTGCCGAGCTAGTGAACCATCCTGAAATCCAGAAGAAGTTGAGGGAG
GAACTTGACGCTGTCCTCGGTCGCGGAGTTCAGATCACAGAGCCTGATGTTTCAGAAAC
TTCCCCAAACACTGTTTCGGAGCCACTGTGGGTACCAGGTCCTCCGTTACCGGTGGCATC
TCCTACTGTTTTTTGTTTTTTGTAT

MdC4H2

CCTGAAATCTCTCTCGATGGGACAGCGCAACCTCGTCGTCGTCTCCTCGACGGAGCTCG
CCAAGGAGGTGCTCCACACCCAGGGAGTCGAATTTGGGTCGAGGACCAGAAACGTCGT
CGTTGATATTTTCACCGGTAAAGGCCAGGACATGGTGTTCACCGTCTACGGCGAGCACT
GGCGGAAAATGAGGCGGATCATGACCGTTCCTTTCTTCACCAACAAGA