

Table S2. Oligonucleotides used in this study.

Designation	Sequence (5'- 3')	Designation	Sequence (5'- 3')
BR0118-F	TTACCAGCACCAGCGCATATG	BR2042-F	AGCACATGAAGAACCGTGTGC
BR0118-R	TGGTGC GGTTTTCAAGCTTGG	BR2042-R	GTCGTTGAAACGCTGATTGTC
BR0525-F	ACTACGAGATCGGCTACTTCC	BRA0299-F	GTCTGCATGTCCTTCTACGAC
BR0525-R	TTGTGGCCTTGCGATAGATAC	BRA0299-R	AGCATGAGGAAACCGGCATTG
BR0614-F	TTGTGGCTGGATCGTTCTTGG	BRA0300-F	GTTGCATTTGGCTGGCATAACG
BR0614-R	GACACGGAAGACGTAACCATC	BRA0300-R	GACCTGAATGTTCTTGAGTGG
BR0982-F	AAGTTCGTAAGAGACGGACG	BRA0331-F	GTGCGTTATCGAATCTTGAGG
BR0982-R	AGTACTACAGCAATTGCAGC	BRA0331-R	ACACGGGCAATCTCATTACAG
BR0363-F	CTCAACCTCCAGCCCTACTTC	BRA0332-F	TGCAGATGGTTCTCTTGCTGG
BR0363-R	CCCAGAATACGAACCAGGCGAGA	BRA0332-R	CGTGGTTTCTCTGGGAATTCC
BR1197-F	CAACCGCCATTCACGACTTTG	BRA0338-F	TCAGAATCTGGCGACCTTCTG
BR1197-R	TCATCGAGGCGCAGATATTCG	BRA0338-R	TGACACAGCGCAGATCAATGG
BR1359-F	CCAAGATCGATTGGCTTGTGC	BRA0341-F	AAGGTGAGTGAACCTCACCTGC
BR1359-R	CACCTCCTTGAGATGGACGTG	BRA0341-R	TACCATCAACGTCGATGACGG
BR1930-F	GCACGGTGCAGAAAGGCAATC	BRA0519-F	GCTTTAGCCTCATCGGTTATG
BR1930-R	TAGCCCTGGCCATATTTGGTC	BRA0519-R	ATGCCGATTGCCAGATAGAGC
BR1993-F	TCGACCGTTTCCTTTACACAC	BRA0530-F	CCTTGCAGATGATATCGCTCG
BR1993-R	CGAATTGTCTTCCATGACCAG	BRA0530-R	AGGCGATAATTGGACGACTCG
BR0778-F	CTGTGACGCTATCGTCAATGG	BRA0703-F	AGTTGGCACCGTGGTCATTTT
BR0778-R	TGACGCTTCTGATGTTCTCTGC	BRA0703-R	GTGATGGGTATTACCCGGATC
BR0289-F	ACATCGTCAATCTGGTCGTGC	BRA0927-F	TGCATCAGCGTATTCTGGACG
BR0289-R	ATCCACAGGTTTCATCTGCTCG	BRA0927-R	TTCACGGTCATGCGTGAACAG
BR1047-F	ACGGCTGAAGCATGTCTTCG	BR1801-F	ATGCTCTCGGCAATCCGATTG
BR1047-R	GCGGTTTCGTCATTGGTTGC	BR1801-R	GCTTCTGGTTGAGGAAGGTG
BR0615-F	CTGATTTCCGACGTCGTGAAGC	BR1378-F	GATATCATTTCCTTCGCAGGC
BR0615-R	CAGTTCATGGTCGATAGTGC	BR1378-R	ATCTTGGCGAGTTCCGCAAC
BR0273-F	AGACCACACTGACCGAAAAGC	BRA1012-F	TACAGGTTCAAGCTGCGTCAG
BR0273-R	ACGGTCTTCCGACAAGGCTTG	BRA1012-R	TGAACAGGAAATTCGAGGTCG
BR0171-F	ACGAAACCGCAAACCGTATCG	BR1983-F	GCAAGTCGGAGAACAAGTTCC
BR0171-R	AACCGAAAGCATGTCACGAGC	BR1983-R	GCAATTCCTTCACCAGTTCC
BRA0168-F	ATCCTTGATCTTGAGGATGCC	BR0027-F	GCGACGAAGTGAAGTTTACG
BRA0168-R	AGAGCAATCAGCGGCAAGTCG	BR0027-R	CCACCCTTGACCTGATTGAAG
BRA0354-F	TGTTTACAACCAGCACTCTCC	BR0305-F	TGACGCAAGGCTTCCTTTACC
BRA0354-R	TTGTGCGGCTATTTCTCCAG	BR0305-R	CCGACCACCGACATGTTTGAA
BRA0557-F	TTCAGGAAGGGCATCAATGGG	BRA0486-F	GCCTTCTCAATCTGATGCCCA
BRA0557-R	CCAAACGACCATCTTCAGACG	BRA0486-R	CGACCACATGCTCTCCTTCTA
BRA0871-F	ACAACATGGAACAGGCACTGG	BR1450-F	GAATTCTTCCCTCCAAGACG
BRA0871-R	TTGCCATGGTCGAGATGCACG	BR1450-R	GCACATCTGACCTGCGTGGAT
BR0119-F	GTTGTTGTTGCTCCGACCTTC	<i>met-H</i> For	CGGTGACTGTCCAAAACACG
BR0119-R	GAAACGTCGTTATAGGTCACG	<i>met-H</i> Rev	TCCACC GCAAAGCTTGAAGC
BRA0195-F	CTCGCTGACGCTGTTAAGGTC	Kan ^R For	GGATTCACTGCTCACTCATGG
BRA0195-R	AGTATCGTTGGTCTTGGAAGC	Kan ^R Rev	CCATGAGTGACGACTGAATCC
BR0639-F	CGCTGGCTACTTCTACATTCC	BR1035-F	TCTTCTACGACATGCCAAAGC
BR0639-R	TGCCGAGTTCGGTTCCGAAC	BR1035-R	AAAGCCCGGTTTCTTTTCATCG
BR0793-F	TTGCGATTCTGCATGTGACG	BR1871-F	TCAGGTTGCCGTGGTCTGTTT
BR0793-R	CAATGACGAGACATGCTGCGA	BR1871-R	TGAAGCGCAATTGCCAGAAGG
metA-F	TGCCAGAACACTATTGCCAGC	BR1274-F	CGTATTCTGCGTGACAAGTCC
metA-R	CGTCTTCCGATCCATGGAAGA	BR1274-R	CAGATTTGGCAAGTTCCACCG
metZ-F	ACCTGTTCCGTGGTGATTTGG		
metZ-R	CGTTGACGTCACCGCAACTTT		