Supplement table 2.

Primer sequences for identification of SNPs

|   | Primer Name  | Sequence                        |
|---|--------------|---------------------------------|
| 1 | mkb-1f       | GTCCTCCAGGGACCCATTAGAAC         |
| 2 | mkb-1r       | CCCTCCACTTACCCAAATAGGTAGT       |
| 3 | mkb-2f       | GGGGAAGGGGAGCTGTAACATTA         |
| 4 | mkb-2r       | CCTATTGCAAGACCCCAAATCAACA       |
| 5 | mkb-3f       | AGCACCACATGTGGCTGAGATAC         |
| 6 | mkb-3r       | CGAGATGAGTGCAACAATCTGGATC       |
| 7 | mkb-4f       | TCACCTCTTGGTGCTTCTCCCAT         |
| 8 | mkb-4r       | GGGCAGGGAAATAAAGTGAGATCACA      |
| 9 | mkb-5f       | CATAAGGAATTTTTTTGGCTCAAAGAAC   |
|10 | mkb-5r       | GCAAGTTCAGGAGGGAGTAGGA          |
|11 | mkb-6f       | CTTCTTTGGATCTGTCTTCTCAAGTCCT   |
|12 | mkb-6r       | ATGTCTGGAACCTGAAGGACTGCA        |
|13 | mkb-7f       | TCCAAATGCAAGCCAAAGGGAA         |
|14 | mkb-7r       | AGCTCAGACAGCCACAGCAATA          |
|15 | mkb-8f       | GCACTAACCAGATTTTTGGCCATTGT     |
|16 | mkb-8r       | AGAGTGGTTGCAGATATTACCTTTATGTT  |
|17 | mkb-9f       | CATCTTTGGAAGCCAAAGGGAA         |
|18 | mkb-9r       | CTCAACCATGCGAAGCGAGCTAAAA       |
|19 | mkb-10f      | GCCATTTCATCCTGCACTGCTGAGAT     |
|20 | mkb-10r      | GGGTGGGCAAGACCCCAAATTTACA      |
|21 | mkb-11f      | CTAACAGACTGTCCTTTGGCTAGAAGAG   |
|22 | mkb-11r      | CCTTTGTTGAGTATTTTGCTCAAGATC    |
|23 | mkb-12f      | CCGAGCATCGAAGCGAGAGTCAT        |
|24 | mkb-12r      | CAAGCTGCTGTAAGCTGACA           |
|25 | mkb-13f      | GCATCTTTCTGGAAGAGTCA           |
|26 | mkb-13r      | CTAATATGCAAGGAGTGTACCTT        |
|27 | mkb-14f      | GCCAGCTTCACAGGTCATA            |
|28 | mkb-14r      | GTATGTAGGGCGAATCGATGATGAGG     |
|29 | mkb-15f      | AGCCATGAGTGAGTCTGAATGC         |
|30 | mkb-15r      | GGGGACACTGAGGTGAAAACTTC        |
|31 | mkb-16f      | ACACATGGAGAGCGAGGAGTTGAG       |
|32 | mkb-16r      | CTCAGAAGGATGCACTATCTAATTTGAG  |
|33 | mkb-17f      | GGGACCTATTGCTCAAGGGAAG         |
|34 | mkb-17r      | GCTTGAAAACACTTAGGAGCTGCAT      |
|35 | mkb-18f      | TGTGTGCCCCAGCTGACTAAGAA        |
|36 | mkb-18r      | CCCATATCCTGAAAAGCGAGTA         |
|37 | mkb-19f      | CTGGTTAAGCCTGCTGGAGTT          |
|38 | mkb-19r      | GCTCCAGCAGGACTAGGAGGATTC       |
|39 | mkb-20f      | GCCCTGGAGTAGAGGAAGACAATATT     |
|40 | mkb-20r      | GTAATCGGATAGGAGTGGAGTGAT       |
|41 | mkb-21f      | CTCACCTGAGTGACTTCCATT          |
|42 | mkb-21r      | CCACCTCTTCTGTCAATTGTGGCCT      |
|43 | mkb-22f      | GTCTACAGAAGGTCACACTCC          |
|44 | mkb-22r      | GAGATGCCCTGCCCTTTTTAACT        |
|45 | mkb-23f      | CTTGGATACAAATTTGGCCAGAAAGT     |
|   | 46  | mkb-23r | AGCGGCATGAAGTTTGAGATTGG |
|---|-----|---------|-------------------------|
| 47 | mkb-24f | GCCGCTGCAATCTCAAACTCAT|
| 48 | mkb-24r | TCCTACCTGAAGGGCTCTGGAT |
| 49 | mkb-25f | GCCCAGAGACTGTTTTGGGACAC |
| 50 | mkb-25r | GTGGCCTTATCTGAGTCTAGGT |
| 51 | mkb-26f | GCCGTCTCAATAATGTTTAGGACAGA |
| 52 | mkb-26r | GCTTTTAGCTCTTGGAGGAATGCTTT |
| 53 | mkb-27f | GGAAGGAAAGCTGGACTCCACTT |
| 54 | mkb-27r | CTAACAGGAGCCTAAGACCTCA |
| 55 | mkb-28f | CTCCCTTCTTCTACCTCTAAGCA |
| 56 | mkb-28r | CAAAAGGAGACACAGATAAGGAAATACCT |
| 57 | mkb-29f | AATGGGGCAGAAGTTGGCCATAAT |
| 58 | mkb-29r | ATCAAGACAGAAGTTGCTTTCTAATTCCTT |
| 59 | mkb-30f | AGTTTTCCAACATCCTGCTTTTCAAGA |
| 60 | mkb-30r | ACGAGAAGGATAAGTCACAAATCTCAAT |
| 61 | mkb-31f | TCCACACAGAAGTTTCAATGTGACATTAGA |
| 62 | mkb-31r | GAAGCTTAATGTCCACACCTTGTAA |
| 63 | mkb-32f | GCGTTAGCTTCATGCTGAGCACTCA |
| 64 | mkb-32r | GGTATACCCGTCAGCAGTACATA |
| 65 | mkb-33f | GGATTGGCTTTGAAAGGGAGACA |
| 66 | mkb-33r | CCCCACACCTAGGGCTGGATTTC |