Table S4 Primers used in the study

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| Primer | Sequence | Function |
| SCC9-005 | GCAGCAACTTGGTTTCAGGTCAGCCCTTGGCTTAGACACT | Fine-mapping |
| SCC9-136 | CGTCAAGCCAATAGCAGAATCGCTTGGTGGCGTGTTTCTTGTTC | Fine-mapping |
| SRC9-298X | AGCCCTTGTGATTATTGCGGGTTCACCGCCACTTGTAGAA | Fine-mapping |
| XHSRC9-69 | AAGCCCATCCTTCCTCGCCTTCCGTTCCTGCTCAGACCACCT | Fine-mapping |
| XHSRC9-52 | GGTTGGGGACCATTAGTAATCCCCTCTTCGAGGCAGAACCATCGGGGT | Fine-mapping |
| STC9-164 | CAACCCTACAAAGATGAGCTAAGACGTGGATGATGACTTTGCAGATGG | Fine-mapping, Haplotype  |
| XH14 | CTCCATAGGTAAGGGCAGAGTGAGATGAACTCCCAACAATTGCC | Fine-mapping, Haplotype  |
| SRC9-397 | GGTTTTGGCACACGGATTAAAGAAACACGTGCTAAGCATGGGGTAATAACACT | Fine-mapping |
| XH190 | GGTTGCAATGGTACACTGGTTGACAGAGACAGATGCACCTGT | Amplify the deletion |
| M1 | CTCCATAGGTAAGGGTTCGATACGAGATGAACTCCCAACAATTGCC | Verify the deletion |
| M2 | CAACCAGTGTACCATTGCAACCGATGGTCAAGGAGTCTTATCTG | Verify the deletion |
| M3 | GCTGAAGTGATCAGAGGTGATGTCTCGTGGCTCTAGGCTTGAAC | Verify the deletion |
| M4 | CAACCCTACAAAGATGAGCTAAGACGTGGATGATGACTTTGCAGATGG | Verify the deletion |
| M5 | CAGTGCCACCTTAAGCTAGACGACCACATGCGTATTCCTCCGTA | Verify the deletion |
| M6 | ACATCCTTCACCACTATGCGCACAGAGGAAGGTAACCTCCTATC | Verify the deletion |
| M7 | CTCCATAGGTAAGGGCAGAGTGAGATGAACTCCCAACAATTGCC | Verify the deletion |
| M8 | ATCGTGTTGGCTGGAAGTCCATCCTTCAAGGACCGTTGTATCTC | Verify the deletion |
| M9 | ACAGAGACAGATGCACCTGTGAGATCTCCGTAAGGAGCGA | Verify the deletion |
| qEOD3.A5 | TCTGAGCATCGTAGACAAACTCAAGCTCGTTCTGTACCGT | qPCR |
| qEOD3.C4 | CACAGCATCGTACTCAAACCCAAGCTCATTTTGTACCGTC | qPCR |
| qKLU.A9 | GTCGGCAGCATAATTGAGAATGCAAGTACCCACTCCACTA | qPCR |
| qHPL1.C7 | GTCCAAGCTGCTGAATTATCCAGCGTCGCCAGTAATTTTA | qPCR |
| qSUC2.A7 | CTGCTGGTGCCTTAACTCTACCACCACCGAAGATTTCATCA | qPCR |
| qSUC2.A9 | CTGCTGGTGCCTTAACTCTACCACCATGGAATAGTTCATCG | qPCR |
| qXXT4.C5 | CCAAACCGATTCTTGCCAAGCCAGGGTTCTGATTTAGCCA | qPCR |
| qTPS10.C3 | TCCGTCTAGCCAATGACCTTGTTGTCGTTGATCATCTTCTGC | qPCR |
| qSWEET13.A10C9 | TTACACTTAGCGCCGTCACATGTATCCGAAACTGGAGTGG | qPCR |
| qSWEET12.A6C8 | GTTTAATTCTCCTCCTCTGCCAAGAGCAAACCCGATCACGTTG | qPCR |
| qJMT.C5 | TTCCTTGGTAGAAGCTCACCCCCAGTCAACCGGAATTATC | qPCR |
| qIGMT5.A7 | CAAGTGTCAGATAGTAGACGGCACAGTCCTCATCATTCCA | qPCR |
| qCYP90D1.A1C1 | CTCAAAGCTCAAGTTGTCAACTGGCAATGACATAAGCCCTT | qPCR |
| qCYP90D1.A5C5 | CTCAAAGCTCAAATCGTTAGTTGGCAGTGACATGAGTCCTC | qPCR |
| qLPEAT1.A7 | AAGTGCCTTGGTTGCGTCTACCTATGAGCTTCTCTAACTC | qPCR |
| qACT2 | AGAGGTTCTGTTCCAGCCGTTGCTCATACGGTCCGCAATA | qPCR |