

Maize starch synthase Iib gene

>|NM_001111410.1 | *Zea mays* starch synthase homolog1 (gss1), mRNA.

GCGGCCGCTGGTAGGCGCTGGTACAAGCGGAAGCAGCAGTAGCGTGAGGCATCCCCATGCCGGGGCAA
TCTCTTCCTCGTCGTGCGCTTTTCTCCTCCCCGTCGCGTCCCTCGCCGCGCGCAGGCGGGGCAGTGT
GGGTGCTGCTCTGCGCTCGTACGGCTACAGCGGCGCGGAGCTGCGGTTGCATTGGGCGCGCGGGGCCCG
CCTCAGGATGGAGCGGCGTCCGTACGCGCCGAGCGGCACCGGCCGGGGGCGAAAGCGAGGAGGCAGCGA
AGAGCTCCTCCTCGTCCCAGGCGGGCGCTGTTCAAGGCAGCACGGCCAAGGCTGTGGATTCTGCTTCACC
TC **CCAATCCTTTGACATCTGCTCCGAAGCAAAGTCAGAGCGCTGCAATGCAAAACGAACGAGTGGGGC**

→
AGCAGCGGAGCACCGCCGCGCCGGTGTCCGGACCCAAAGCTGATC ←
ATCCATCAGCTCCTGTACCAAGA

GAGAAATCGATGCCAGTGCAGTGAAGCCAGAGCCCGCAGGTGATGATGCTAGACCGGTGGAAAGCATAGG
CATCGCTGAACCGGTGGATGCTAAGGCTGATGCAGCTCCGGCTACAGATGCCGCGGCGAGTGTCTCTTAT
GACAGGGAGGATAATGAACCTGGCCCTTTGGCTGGGCCAATGTGATGAACGTCGTCGTGGTGGCTTCTG
AATGTGCTCCTTTCTGCAAGACAGGTGGCCCTTGAGATGTCGTGGGTGCTTTGCCAAGGCTCTGGCGAG
GAGAGGACACCGTGTATGGTCTGATACCAAGATATGGAGAGTATGCCGAAGCCGGGATTTAGGTGTA
AGGAGACGTTACAAGGTAGCTGGACAGGATTACAGAAAGTTACTTATTTTCACTCTTACATTGATGGAGTTG
ATTTTGTATTTCGTAGAAGCCCTCCCTTCCGGCACCGGCACAATAATATTTATGGGGGAGAAAGATTGGA
TATTTTGAAGCGCATGATTTTGTCTGCAAGGCCGCTGTTGAGGTTCCATGGTATGCTCCATGTGGCGGT
ACTGTCTATGGTATGGCAACTTAGTTTTTATTGCTAATGATTGGCATAACCGCACTTCTGCCTGTCTATC
TAAAGGCCTATTACCGGGACAATGGTTTTGATGCAGTATGCTCGCTCTGTGCTTGTGATACACAACATTGC
TCATCAGGGTCTGGCCCTGTAGACGACTTCGTCAATTTTACTTGCCTGAACACTACATCGACCACTTC
AAACTGTATGACAACATTGGTGGGGATCACAGCAACGTTTTTGTGCTGCGGGGCTGAAGACGGCAGACCGGG
TGGTGACCGTTAGCAATGGCTACATGTGGGAGCTGAAGACTTCGGAAGGCGGGTGGGGCCTCCACGACAT
CATAAACCAGAACGACTGGAAGCTGCAGGGCATCGTGAACGGCATCGACATGAGCGAGTGAACCCCGCT
GTGGACGTGCACCTCCACTCCGACGACTACACCAACTACAGTTCGAGACGCTGGACACCGGCAAGCGGC
AGTGCAAGGCCGCCCTGCAGCGGCAGCTGGGCCTGCAGGTCCGCGACGACGTCGCACTGATCGGGTTCAT
CGGGCGGCTGGACCACCAGAAGGGCGTGACATCATCGCCGACGCGATCCACTGGATCGCGGGGCAGGAC
GTGCAGCTCGTATGCTGGGCACCGGGCGGGCCGACCTGGAGGACATGCTGCGGCGGTTTCGAGTCGGAGC
ACAGCGACAAGGTGCGCGCGTGGGTGGGGTTCTCGGTGCCCTGGCGCACCGCATCACGGCGGGCGCGGA
CATCCTGCTGATGCCGTCGCGGTTTCGAGCCGTGCGGGCTGAACCAGCTCTACGCCATGGCGTACGGGACC
GTGCCCGTGGTGCACGCCGTGGGGGGGCTCCGGGACACGGTGGCGCCGTTTCGACCCGTTCAACGACACCG
GGCTCGGGTGGACGTTTCGACCGCGCGGAGGCGAACCGGATGATCGACGCGCTCTCGCACTGCCTCACCAC
GTACCGGAACTACAAGGAGAGCTGGCGCGCCTGCAGGGCGCGCGGCATGGCCGAGGACCTCAGCTGGGAC
CACGCCCGCTGCTGTATGAGGACGTGCTCGTCAAGGCGAAGTACCAGTGGTGAGCGAATTAATTGGCGA
CGCGACCGGCTCCTGTGCGCAGGACCTGGACGTTATTTAGAAGGCTCTTCTCCCTGGCGGCTTTGATGCG
TGCGTCGATTTGCGCCGGGCGGACGGGCGACGGTGGTTGGCCTACCGCCTACGTCGGCTGCGTGCCCTG
GGAATTTGGGCGGGCACGATGATGCCACTGGGCACCGGGCGGGGTAGTATGATATGAAACCGACGGCG
ATGGAGATGAGGCGCATGGCATTTCCTACTGATAAATGGGGAGTTGTATGCTACTTTAATATCGCCACT
CCTGTTAGTATTTATATTGATGGCGGCCG

Primers (red arrow) and probe (red line) are shown above, and target sequence is highlighted in light blue. Amplicon size is 114 bp.