**Table S10. Sequences of GS and NS.**

|  |  |  |
| --- | --- | --- |
| Name | Gene accession | Sequence |
| GS | MT548012 | **1** ATTGCAGAAT CCCGTGAACC ATCGAGTCTT TGAACGCAAG TTGCGCCCCA AGCCTTTGGG**61** CCGAGGGCAC GTCTGCCTGG GTGTCACGCA TTGTAGCCCC CCACCCTCGT CGTAATGTCT**121** GTGAGGGCTG TGTGGGGCTG ATACTGGCCT TCCCGTATGC ACAGCAATGC GGTTGGCCCA**181** AATGGAGGAA CCCAGGGCGG TGTATGCCAT GATGAACGGT GGTGTGTGCT TAGCCTGCCG**241** TCGTTAGAGC ATCATGCGCA TCATGCCCTT GAGGTATGTT TCGTGGACAA CCCCGGTGCA**301** ATCATAGCGC GCATCGCGAC CCCAGGTCAG GCGGGAGCAC CCGCTGAGTT TAAGCATATC**361** AATAAGCGGA GGAAAAGAAA CTTACCAGGA TTCCCCTAGT AACGGCGAGC GAACCGGGAA**421** TAGCCCAGCT TGAAAATTGG TCGCCCTCGG CGTTCGAATT GTA |
|  | MT548013 | **1** ATTGCAGAAT CCCGTGAACC ATCGAGTCTT TGAACGCAAG TTGCGCCCCA AGCCTTTGGG**61** CCGAGGGCAC GTCTGCCTGG GTGTCACGCA TTGTAGCCCC CCACCCTCGT CGTAATGTCT**121** GTGAGGGCTG TGTGGGGCTG ATACTGGCCT TCCCGTATGC ACAGCAATGC GGTTGGCCCA**181** AATGGAGGAA CCCAGGGCGG TGTATGCCAT GATGAACGGT GGTGTGTGCT TAGCCTGCCG**241** TCGTTAGAGC ATCATGCGCA TCATGCCCTT GAGGTATGTT TCGTGGACAA CCCCGGTGCA**301** ATCATAGCGC GCATCGCGAC CCCAGGTCAG GCGGGAGCAC CCGCTGAGTT TAAGCATATC**361** AATAAGCGGA GGAAAAGAAA CTTACCAGGA TTCCCCTAGT AACGGCGAGC GAACCGGGAA**421** TAGCCCAGCT TGAAAATTGG TCGCCCTCGG CGTTCGAATT GTA |
|  | MT548014 | **1** ATTGCAGAAT CCCGTGAACC ATCGAGTCTT TGAACGCAAG TTGCGCCCCA AGCCTTTGGG**61** CCGAGGGCAC GTCTGCCTGG GTGTCACGCA TTGTAGCCCC CCACCCTCGT CGTAATGTCT**121** GTGAGGGCTG TGTGGGGCTG ATACTGGCCT TCCCGTATGC ACAGCAATGC GGTTGGCCCA**181** AATGGAGGAA CCCAGGGCGG TGTATGCCAT GATGAACGGT GGTGTGTGCT TAGCCTGCCG**241** TCGTTAGAGC ATCATGCGCA TCATGCCCTT GAGGTATGTT TCGTGGACAA CCCCGGTGCA**301** ATCATAGCGC GCATCGCGAC CCCAGGTCAG GCGGGAGCAC CCGCTGAGTT TAAGCATATC**361** AATAAGCGGA GGAAAAGAAA CTTACCAGGA TTCCCCTAGT AACGGCGAGC GAACCGGGAA**421** TAGCCCAGCT TGAAAATTGG TCGCCCTCGG CGTTCGAATT GTA |
|  | MT548018 | **1** AAGTGAGAAC TTTCAAATTC AGAGAAACCC TGGAATTAAA AACGGGCAAT CCTGAGCCAA**61** ATCCTGTTTT ACAAAAATAA ACAAAGGTTC GGAAAGAAAG AATTCAAAAA AAAGGGGGGA**121** TAGGTGCAGA GACTCAATGG AAGCTGTTCT AACAAATGGG GTTGACCACC TTTCCGTTAG**181** TAAAGGAATC CTTCTATCGA AATTCCAGAA AGGATGAAGG ATAAACCTAT ACGCATACCT**241** AAAGGTAATG AAAAACTATC TCAAAAAAGA GGACCAAAGC CCTTTTATAT TATATATTTT**301** TATGAAAAAT AGAAATATAA AGAATTGTTG TGAATTGGTA TTGATTCCAA GTTGAAGAAA**361** GAATCGATTA CAACATTCAT TAATAAAATT ATTCACCCCA AAGTTTGATA AATCTTTTGA**421** AGAACGGATT AATCGGACGA GAATAAAGAT AGAGTCCCGT TCTACATGTC AATATCAATA**481** CTGACAAGAA TGCAATTTAT AGTAAGAGGA AAATCCGTCG ACTTTGAAAA TCGTGAGGGT**541** TCAAGTCCCT CTATCCCCAA CCTCCAAAAC CCGCTGACGC TCTACCTATT TTTTTTTTTT**601** TGATTTCTAC CTATTTTTTA TCTTACCCTC TCCTTTTGTT AGGGGTTCAA AGTTACTTAT**661** CTTTCCCATT CATCCAATTC TTTTCCATTT TACAGGCGTA TCCAAGCATC ATTTTTTCTC**721** TTAACACAAA TATAGGTACA AATCAACATT TTTGAGTAAG GAATACCCAT TTGAATGATT**781** CAAAATCATT ACTCAGACTG AAACTTACAT ACAAAGTCGT CCCTTCAAAG ATTCTGTCAA**841** TTCCCGTTCG CTACTTTGAC TTTGATTTTA TTTTAATACT TTTTTTCGTC TTTTTTTTTT**901** TCATTTTATT TTGATTTTTT CATTTTTAAT TGACATAGAC ACAAGTCCTC TATAAAAATG**961** AGGATGATGT |
|  | MT548019 | **1** AAGTGAGAAC TTTCAAATTC AGAGAAACCC TGGAATTAAA AACGGGCAAT CCTGAGCCAA**61** ATCCTGTTTT ACAAAAATAA ACAAAGGTTC GGAAAGAAAG AATTCAAAAA AAAGGGGGGA**121** TAGGTGCAGA GACTCAATGG AAGCTGTTCT AACAAATGGG GTTGACCACC TTTCCGTTAG**181** TAAAGGAATC CTTCTATCGA AATTCCAGAA AGGATGAAGG ATAAACCTAT ACGCATACCT**241** AAAGGTAATG AAAAACTATC TCAAAAAAGA GGACCAAAGC CCTTTTATAT TATATATTTT**301** TATGAAAAAT AGAAATATAA AGAATTGTTG TGAATTGGTA TTGATTCCAA GTTGAAGAAA**361** GAATCGATTA CAACATTCAT TAATAAAATT ATTCACCCCA AAGTTTGATA AATCTTTTGA**421** AGAACGGATT AATCGGACGA GAATAAAGAT AGAGTCCCGT TCTACATGTC AATATCAATA**481** CTGACAAGAA TGCAATTTAT AGTAAGAGGA AAATCCGTCG ACTTTGAAAA TCGTGAGGGT**541** TCAAGTCCCT CTATCCCCAA CCTCCAAAAC CCGCTGACGC TCTACCTATT TTTTTTTTTT**601** TGATTTCTAC CTATTTTTTA TCTTACCCTC TCCTTTTGTT AGGGGTTCAA AGTTACTTAT**661** CTTTCCCATT CATCCAATTC TTTTCCATTT TACAGGCGTA TCCAAGCATC ATTTTTTCTC**721** TTAACACAAA TATAGGTACA AATCAACATT TTTGAGTAAG GAATACCCAT TTGAATGATT**781** CAAAATCATT ACTCAGACTG AAACTTACAT ACAAAGTCGT CCCTTCAAAG ATTCTGTCAA**841** TTCCCGTTCG CTACTTTGAC TTTGATTTTA TTTTAATACT TTTTTTCGTC TTTTTTTTTT**901** TCATTTTATT TTGATTTTTT CATTTTTAAT TGACATAGAC ACAAGTCCTC TATAAAAATG**961** AGGATGATGT |
|  | MT548020 | **1** AAGTGAGAAC TTTCAAATTC AGAGAAACCC TGGAATTAAA AACGGGCAAT CCTGAGCCAA**61** ATCCTGTTTT ACAAAAATAA ACAAAGGTTC GGAAAGAAAG AATTCAAAAA AAAGGGGGGA**121** TAGGTGCAGA GACTCAATGG AAGCTGTTCT AACAAATGGG GTTGACCACC TTTCCGTTAG**181** TAAAGGAATC CTTCTATCGA AATTCCAGAA AGGATGAAGG ATAAACCTAT ACGCATACCT**241** AAAGGTAATG AAAAACTATC TCAAAAAAGA GGACCAAAGC CCTTTTATAT TATATATTTT**301** TATGAAAAAT AGAAATATAA AGAATTGTTG TGAATTGGTA TTGATTCCAA GTTGAAGAAA**361** GAATCGATTA CAACATTCAT TAATAAAATT ATTCACCCCA AAGTTTGATA AATCTTTTGA**421** AGAACGGATT AATCGGACGA GAATAAAGAT AGAGTCCCGT TCTACATGTC AATATCAATA**481** CTGACAAGAA TGCAATTTAT AGTAAGAGGA AAATCCGTCG ACTTTGAAAA TCGTGAGGGT**541** TCAAGTCCCT CTATCCCCAA CCTCCAAAAC CCGCTGACGC TCTACCTATT TTTTTTTTTT**601** TGATTTCTAC CTATTTTTTA TCTTACCCTC TCCTTTTGTT AGGGGTTCAA AGTTACTTAT**661** CTTTCCCATT CATCCAATTC TTTTCCATTT TACAGGCGTA TCCAAGCATC ATTTTTTCTC**721** TTAACACAAA TATAGGTACA AATCAACATT TTTGAGTAAG GAATACCCAT TTGAATGATT**781** CAAAATCATT ACTCAGACTG AAACTTACAT ACAAAGTCGT CCCTTCAAAG ATTCTGTCAA**841** TTCCCGTTCG CTACTTTGAC TTTGATTTTA TTTTAATACT TTTTTTCGTC TTTTTTTTTT**901** TCATTTTATT TTGATTTTTT CATTTTTAAT TGACATAGAC ACAAGTCCTC TATAAAAATG**961** AGGATGATGT |
| NS | MT548015 | **1** TATGCGATTT ATTTGGTGTG AATTGCAGAA TCCCGTGAAC CATCGAGTCT TTGAACGCAA**61** GTTGCGCCCC AAGCCTTTGG GCCGAGGGCA CGTCTGCCTG GGTGTCACGC ATTGTAGCCC**121** CCCACCCTCG TCGTAATGTC TGTGAGGGCT GTGTGGGGCT GATACTGGCC TTCCCGTATG**181** CACAGCAATG CGGTTGGCCC AAATGGAGGA ACCCAGGGCG GTGTATGCCA TGATGAACGG**241** TGGTGTGTGC TTAGCCTGCC GTCGTTAGAG CATCATGCGC ATCATGCCCT TGAGGTATGT**301** TTCGTGGACA ACCCCGGTGC AATCATAGCG CGCATCGCGA CCCCAGGTCA GGCGGGAGCA**361** CCCGCTGAGT TTAAGCATAT CAATAAGCGG AGGAAAAGAA ACTTACCAGG ATTCCCCTAG**421** TAACGGCGAG CGAACCGGGA ATAGCCCAGC TTGAAAATTG GTCGCCCTCG GCGTTCGAAT**481** TGTAGTCTGA AAAAAACCGT C |
|  | MT548016 | **1** GTGTGAATTG CAGAATCCCG TGAACCATCG AGTCTTTGAA CGCAAGTTGC GCCCCAAGCC**61** TTTGGGCCGA GGGCACGTCT GCCTGGGTGT CACGCATTGT AGCCCCCCAC CCTCGTCGTA**121** ATGTCTGTGA GGGCTGTGTG GGGCTGATAC TGGCCTTCCC GTATGCACAG CAATGCGGTT**181** GGCCCAAATG GAGGAACCCA GGGCGGTGTA TGCCATGATG AACGGTGGTG TGTGCTTAGC**241** CTGCCGTCGT TAGAGCATCA TGCGCATCAT GCCCTTGAGG TATGTTTCGT GGACAACCCC**301** GGTGCAATCA TAGCGCGCAT CGCGACCCCA GGTCAGGCGG GAGCACCCGC TGAGTTTAAG**361** CATATCAATA AGCGGAGGAA AAGAAACTTA CCAGGATTCC CCTAGTAACG GCGAGCGAAC**421** CGGGAATAGC CCAGCTTGAA AATTGGTCGC CCTCGGCGTT CGAATTG |
|  | MT548017 | **1** GTGTGAATTG CAGAATCCCG TGAACCATCG AGTCTTTGAA CGCAAGTTGC GCCCCAAGCC**61** TTTGGGCCGA GGGCACGTCT GCCTGGGTGT CACGCATTGT AGCCCCCCAC CCTCGTCGTA**121** ATGTCTGTGA GGGCTGTGTG GGGCTGATAC TGGCCTTCCC GTATGCACAG CAATGCGGTT**181** GGCCCAAATG GAGGAACCCA GGGCGGTGTA TGCCATGATG AACGGTGGTG TGTGCTTAGC**241** CTGCCGTCGT TAGAGCATCA TGCGCATCAT GCCCTTGAGG TATGTTTCGT GGACAACCCC**301** GGTGCAATCA TAGCGCGCAT CGCGACCCCA GGTCAGGCGG GAGCACCCGC TGAGTTTAAG**361** CATATCAATA AGCGGAGGAA AAGAAACTTA CCAGGATTCC CCTAGTAACG GCGAGCGAAC**421** CGGGAATAGC CCAGCTTGAA AATTGGTCGC CCTCGGCGTT CGAATTG |
|  | MT548021 | **1** CTTAGTATGG AACCTACTAA GTGAGAACTT TCAAATTCAG AGAAACCCTG GAATTAAAAA**61** CGGGCAATCC TGAGCCAAAT CCTGTTTTAC AAAAATAAAC AAAGGTTCGG AAAGAAAGAA**121** TTCAAAAAAA AGGGGGGATA GGTGCAGAGA CTCAATGGAA GCTGTTCTAA CAAATGGGGT**181** TGACCACCTT TCCGTTAGTA AAGGAATCCT TCTATCGAAA TTCCAGAAAG GATGAAGGAT**241** AAACCTATAC GCATACCTAA AGGTAATGAA AAACTATCTC AAAAAAGAGG ACCAAAGCCC**301** TTTTATATTA TATATTTTTA TGAAAAATAG AAATATAAAG AATTGTTGTG AATTGGTATT**361** GATTCCAAGT TGAAGAAAGA ATCGATTACA ACATTCATTA ATAAAATTAT TCACCCCAAA**421** GTTTGATAAA TCTTTTGAAG AACGGATTAA TCGGACGAGA ATAAAGATAG AGTCCCGTTC**481** TACATGTCAA TATCAATACT GACAAGAATG CAATTTATAG TAAGAGGAAA ATCCGTCGAC**541** TTTGAAAATC GTGAGGGTTC AAGTCCCTCT ATCCCCAACC TCCAAAACCC GCTGACGCTC**601** TACCTATTTT TTTTTTTTGA TTTCTACCTA TTTTTTATCT TACCCTCTCC TTTTGTTAGT**661** GGTTCAAAGT TACTTATCTT TCCCATTCAT CCAATTCTTT TCCATTTTAC AGGCGTATCC**721** AAGCATCATT TTTTCTCTTA ACACAAATAT AGGTACAAAT CAACATTTTT GAGTAAGGAA**781** TACCCATTTG AATGATTCAA AATCATTACT CAGACTGAAA CTTACATACA AAGTCGTCCC**841** TTCAAAGATT CTGTCAATTC CCGTTCGCTA CTTTGACTTT GATTTTATTT TAATACTTTT**901** TTTCGTCTTT TTTTTTTTCA TTTTATTTTG ATTTTTTCAT TTTTAATTGA CATAGACACA**961** AGTCCTCTAT AAAAATGAGG ATGATGTCTT GGTAATGGTC GGGATAGCTC AGC |
|  | MT548022 | **1** AGCTGAGCTA TCCCGACCAT TACCAAGACA TCATCCTCAT TTTTATAGAG GACTTGTGTC**61** TATGTCAATT AAAAATGAAA AAATCAAAAT AAAATGAAAA AAAAAAAGAC GAAAAAAAGT**121** ATTAAAATAA AATCAAAGTC AAAGTAGCGA ACGGGAATTG ACAGAATCTT CGAAGGGACG**181** ACTTTGTATG TAAGTTTCAG TCTGAGTAAT GATTTTGAAT CATTCAAATG GGTATTCCTT**241** ACTCAAAAAT GTTGATTTGT ACCTATATTT GTGTTAAGAG AAAAAATGAT GCTCGGATAC**301** GCCTGTAAAA TGGAAAAGAA TAGGATGAAT GGGAAAGATA AGTAACTTTG AACCACTAAC**361** AAAAGGAGAG GGTAAGATAA AAAATAGGTA GAAATCAAAA AAAAAAAATA GGTAGAGCGT**421** CAGCGGGTTT TGGAGGTTGG GGATAGAGGG ACTTGAACCC TCACGATTTT CAAAGTCGAC**481** GGATTTTCCT CTTACTATAA ATTGCATTCT TGTCAGTATT GATATTGACA TGTAGAACGG**541** GACTCTATCT TTATTCTCGT CCGATTAATC CGTTCTTCAA AAGATTTATC AAACTTTGGG**601** GTGAATAATT TTATTAATGA ATGTTGTAAT CGATTCTTTC TTCAACTTGG AATCAATACC**661** AATTCACAAC AATTCTTTAT ATTTCTATTT TTCATAAAAA TATATAATAT AAAAGGGCTT**721** TGGTCCTCTT TTTTGAGATA GTTTTTCATT ACCTTTAGGT ATGCGTATAG GTTTATCCTT**781** CATCCTTTCT GGAATTTCGA TAGAAGGATT CCTTTACTAA CGGAAAGGTG GTCAACCCCA**841** TTTGTTAGAA CAGCTTCCAT TGAGTCTCTG CACCTATCCC CCCTTTTTTT TGAATTCTTT**901** CTTTCCGAAC CTTTGTTTAT TTTTGTAAAA CAGGATTTGG CTCAGGATTG CCCGTTTTTA**961** ATTCCAGGGT TTCTCTGAAT TTGAAAGTTC TCACTTAGTA GGTTCCATAC TAAG |
|  | MT548023 | **1** ATCCTCATTT TTATAGAGGA CTTGTGTCTA TGTCAATTAA AAATGAAAAA ATCAAAATAA**61** AATGAAAAAA AAAAAGACGA AAAAAAGTAT TAAAATAAAA TCAAAGTCAA AGTAGCGAAC**121** GGGAATTGAC AGAATCTTCG AAGGGACGAC TTTGTATGTA AGTTTCAGTC TGAGTAATGA**181** TTTTGAATCA TTCAAATGGG TATTCCTTAC TCAAAAATGT TGATTTGTAC CTATATTTGT**241** GTTAAGAGAA AAAATGATGC TCGGATACGC CTGTAAAATG GAAAAGAATA GGATGAATGG**301** GAAAGATAAG TAACTTTGAA CCACTAACAA AAGGAGAGGG TAAGATAAAA AATAGGTAGA**361** AATCAAAAAA AAAAAAATAG GTAGAGCGTC AGCGGGTTTT GGAGGTTGGG GATAGAGGGA**421** CTTGAACCCT CACGATTTTC AAAGTCGACG GATTTTCCTC TTACTATAAA TTGCATTCTT**481** GTCAGTATTG ATATTGACAT GTAGAACGGG ACTCTATCTT TATTCTCGTC CGATTAATCC**541** GTTCTTCAAA AGATTTATCA AACTTTGGGG TGAATAATTT TATTAATGAA TGTTGTAATC**601** GATTCTTTCT TCAACTTGGA ATCAATACCA ATTCACAACA ATTCTTTATA TTTCTATTTT**661** TCATAAAAAT ATATAATATA AAAGGGCTTT GGTCCTCTTT TTTGAGATAG TTTTTCATTA**721** CCTTTAGGTA TGCGTATAGG TTTATCCTTC ATCCTTTCTG GAATTTCGAT AGAAGGATTC**781** CTTTACTAAC GGAAAGGTGG TCAACCCCAT TTGTTAGAAC AGCTTCCATT GAGTCTCTGC**841** ACCTATCCCC CCTTTTTTTT GAATTCTTTC TTTCCGAACC TTTGTTTATT TTTGTAAAAC**901** AGGATTTGGC TCAGGATTGC CCGTTTTTAA TTCCAGGG |