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      UBC 165
      GAAGGCACTG  AATCGTTGAT  GGCCACAGGC  TCATGTCGAG  CCTGTCGTAA
                                      P0
      TACTTTGTAT  TGCTTTGCTA  TCTGATCTAG  TGTTACAAGC  ACCACCCCTA     100
                                      P53
      GGATGCCTTT  TATACACATC  CACAAGGGGC  TATGGAAATA  GACTAGGACT
      AGGTATCCTA  ATACTACTAG  GACTCGGTTT  GGCTTTTTTC  CTAATCCTAT     200
                              P174RC                      P174
      GTGTACAAGG  GAAACGTGAT  TAACTCACAT  CATATACCAG  TCGTGTGTGG
P203RC                                  P203
      CAAAAATTTA  GTTCGGCTCG  GCTCATTCCC  GCAACCTGCG  GCGCGTCGTA     300
            P260RC                                        P300RC
      CGAGGCGGGC  GGTGGAGGAG  GAGGAGCGCG  TATGTATGTC  TCTCTTATTC
                                      P300
      TCAAGCTCAT  ACATGTGTGG  GAAACATCCT  CCCTTATAAA  GAGGTCCAAC     400
      TCCCACTAAA  CTAGCAATAT  GGGACTAAAA  ATTTCCACCT  CTTGCCTTGC
      ACAATGGTGG  TGTGGACTCT  AGGATTTATT  AGGAATTTCT  ATGAAATTAT     500
                                      P451
      ATATTGGGCT  GGCCCATAA   GTATAGACAA  AATTTCAGCA  ATCCCCACCA
                                                    P544RC
      TATACTAGAG  GCACACAAAA  TTTGCCTTTG  GTTCCAAAAC  ACTATTTTAT     600
                              P544
      ATACCGATAC  TGTAGTGGAG  ACTGTTAAGT  TGAACTTCCA  CCTGGAACTC
      TATGCTACAC  TAGTAAGCAA  CTTGAACAGT  GGACTAGGCC  TTGAACTGCA     700
                              P671RC                      P671
      AGTTTTCTGT  GAATCTAGCT  TCACACAGAT  CCTTGACCGA  TACTAGGCTA
      CCGTGGGACT  TCCCCGCGGA  TGGAGCTTAT  GCGTCATACT  CCGAGACCTT     800
      TCGTGAGTAT  ACTAGAGAGG  TCCCTACTCT  CATAGATTGC  GACGTTTAAC
      AATCTGACTC  ATATAGGTAT  GTTCTTCAAA  AGATGTTCTG  CAGGACAACA     900
      TCTCTGCTTC  AGTAAGCCAC  TTAAAACATA  TTAAGATGTA  TATCAACCTG
      CCATGCAGTT  TAGGGAAGTA  TTGCATCTTC  ATGGAGTGGT  ATTATTAATG    1000
P954RC                                  P954
      GTAAGGATAC  TTTCCTCTCT  GTTGACCAAC  AACTTGTCTT  CCACATCTAA
                                                  P1034RC
      TTCACGGGAT  CTCCGGTCAC  AAAGAATAGG  TTACCACAGT  GAACAACTCA    1100
                  P1034
      AATTGTGGGT  CTCATACCCA  TCTCCCTCGA  TGCATTATCT  ATCACATTAC
      GTGATAGACC  CTTAGTAAAA  GGATCTGCAA  GATTTTTAGA  TGTTTGGATA    1200
      TAATCCAATG  CAATAACTCC  GGAGTTTCTC  ATTTTCCTGA  CAGATTTTAA
      CCTTTTGTGA  ATGTGTCTTG  ATGACTTCAT  GTTATCCTTT  GAGCTACTCA    1300
      CTTTCGTGAT  CACACTTTGA  TTGTCGCGGT  TCATAAGGAT  ACCCGGTACA
      GGTCTCTCGA  CAACCGGCAA  GTCACTCAAG  AGCCGGCGAA  GCCAATCTGC    1400
                          P1373RC
      TTCGACCGTA  GCTGTATCTA  GTGATGTGAG  TTCTACTTCC  ATTGTTGACC
      TTGTTAAGAT  CGTTTGCTTG  CAAGACTTCC  AAGAAACAGC  GCCACCTCCA    1500
      TGAGTGAATA  CATATCCGCT  CGTGGGCTTT  ATCTCATCAA  CATCAGAGAT
      CCAGTTTGAA  TCACTATACC  CTTCAAGCAC  CTTTGGGTGT  CCAGTATAGT    1600
                                          P1585RC
      GAATTCCATA  ATTTGCAGTG  GCCTTC
                          UBC 165
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Fig. 2. *UBC165*$_{1626}$ sequence illustrating the position of 20 STS primers. Forward and reverse primers are designated by arrowheads. Red boxes indicate the original location of the UMC165 RAPD primer. The blue arrows designate the P0 and P1034RC primers, which amplify the *Fr1062* fragment.