



Figure S4: PCR-based assays to detect Rht-B1c and Rht-B1e mutations. (a) Rht-B1c marker. Using either gDNA or cDNA as template, PCR with primers "Rht-B1c insert F" and "B10" amplifies a 256 bp product only in lines carrying the Rht-B1c insertion. (b) Rht-B1e marker. PCR using primer "BF" in combination with "WR3" results in the amplification of a 228 bp fragment from gDNA isolated from Rht-B1a and Rht-B1b but not from Rht-B1e. PCR using primer "BF" with "MR3" results in the amplification of a 228 bp product from gDNA isolated from Rht-B1e, but not from Rht-B1a or Rht-B1b. The schematic diagrams show the relative positions of the primers.