



Figure 1: Schematic representation of the genome organization of the 12 genes. The figure shows 12 panels, each representing a gene. Each panel contains a schematic of the gene structure with exons and introns, a list of primers (forward and reverse) used for PCR, and a gel electrophoresis image showing the PCR products. The genes are labeled as follows: 1. H1, 2. H2, 3. H3, 4. H4, 5. H5, 6. H6, 7. H7, 8. H8, 9. H9, 10. H10, 11. H11, 12. H12. The gel images show bands of varying sizes, indicating the presence of PCR products. The primers are listed in a table below each panel.