



**Appendix A** Phylogenetic tree analysis of the nucleotides sequences of the representative fragments of VP2 (nt 616-1050) (A) and VP1 (nt 400-810) (B). The trees were generated by the neighbor-joining method using MEGA (version 3.1). The Pakistan infectious bursal disease virus (IBDV) strains detected in this study are highlighted with a solid circle.