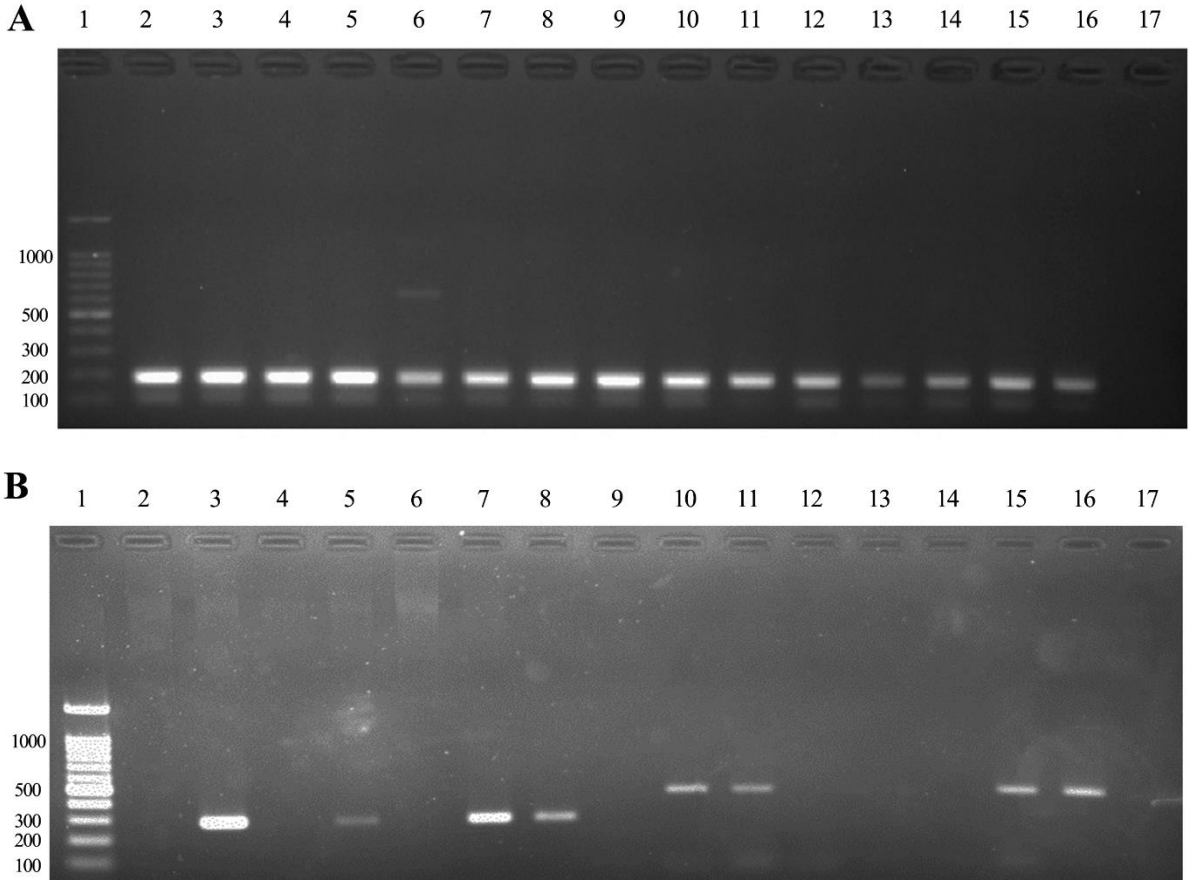
**Supplementary Table S1:** Primers used for the detection of equine herpesvirus from horses using the glycoprotein B gene.

| Virus | Primers | Sequence 5′ to 3′ | Amplicon size (bp) | Amplification conditions | Reference |
|---|---|---|---|---|---|
| EHV-1 | Forward | GCGTTATAGCTATCACGTCC | 190 | 94°C/5 min; 40 cycles: 94°C/30 s, 64°C/30 s, 72°C/90 s; 72°C/10 min | Kirisawa et al., 1993 |
| | Reverse | ATACGATCACATCCAATCCC | | | |
| EHV-2 | Forward | GCCAGTGTCTGCCAAGTTGATA | 444 | 95°C/5 min; 40 cycles: 95°C/30 s, 60°C/45 s, 72°C/45 s; 72°C/10 min | Diallo et al., 2008 |
| | Reverse | CATGGTCTCGATGTCAAACACG | | | |
| EHV-4 | Forward | CCTGCATAATGACAGCAGTG | 677 | 94°C/5 min; 40 cycles: 94°C/30 s, 64°C/30 s, 72°C/90 s; 72°C/10 min | Kirisawa et al., 1993 |
| | Reverse | ATACGATCACATCCAATCCC | | | |
| EHV-5 | Forward | ATGAACCTGACAGATGTGCC | 293 | 95°C/5 min; 40 cycles: 95°C/30 s, 60°C/45 s, 72°C/45 s; 72°C/10 min | Holloway et al., 1999 |
| | Reverse | CACGTTCACTATCACGTCGC | | | |




**Supplementary Figure S1: Representative photographic images of agarose gel electrophoresis patterns for *glycoprotein B* gene of equine herpesvirus (EHV).** (A) PCR products of EHV-1. Lane 1, 100 bp ladder; lanes 2 to 16, EHV-1 PCR products (190 bp) from horse nasal swab samples; and lane 17, negative control. (B) PCR products of EHV-2 and EHV-5. Lane 1, 100 bp ladder; lane 3, EHV-5 PCR products (293 bp) from horse blood sample; lane 5, EHV-5 PCR products (293 bp) from horse lung tissue sample; lanes 7 and 8, EHV-5 PCR product (293 bp) from horse nasal swab samples; lane 10, EHV-2 PCR products (444 bp) from horse blood sample; lane 11, EHV-2 PCR products (444 bp) from horse lung tissue sample; lanes 15 and 16, EHV-2 PCR products (444 bp) from horse nasal swab samples; and lanes 9 and 17, negative controls.