

Supplemental material

Table S1. Primers used for PCR amplification of fragments for sequencing

| Primer designation | Primer sequence from 5' to 3' | Position ¹ |
|--------------------|-------------------------------|-----------------------|
| ISP-4232 0 | GTATTTTCGGCCTGGAGTAAGAC | 4267-4288 |
| ISP-4232 A | GCATTTTCRGCYTGGAGYAGAC | |
| ISP-4232 B | GTATATCGGCCTGGAGYAAGAC | |
| ISP-4232 C | GTATCTCRGCYTGGAGYAAAAC | |
| ISP-4232 D | GTATCTTCCGCTGGAGTAAGAC | |
| ISP-4232 E | GYATATCGGCTTGGAGCAAGAC | |
| ISP-4232 F | GTATATCWGCCTGGYCCAAAAC | |
| ISP-4232 G | GYATTTTCAGCGTGGTCAAAGAC | |
| ISP-4232 H | GCATTTTCGGCGTGGTCAAAAAC | |
| EAP-4576 0 | AGGGTGCCGGGCTCGCCGGA | |
| EAP-4576 A | AGGGTRCCAGGCTCACCAGA | |
| EAP-4576 B | AGGGTGCCRGGYTCRCCGGA | |
| EAP-4576 C | AGTGTGCCDGGCTCGCCAGA | |
| EAP-4576 D | AAGCTGCCCCGGCTCACCAGA | |
| EAP-4576 E | AGYGTRCCRGGCTCACCRGA | |
| EAP-4576F | AAYGTACCGGGCTCACCRGA | |
| EAP-4576G | AAYGTGCCRGGCTCACCRGA | |
| EAP-4576H | AGAGTCCCCGGCTCTCCAGA | |
| IAP-45610 | TCACCGGAGTGYTTCTTCCAGAA | 4618-4596 |
| IAP-4561A | TCACCRGAGTGYTTCTTCCAGAA | |
| IAP-4561B | TCACCAGARTGCTTCTTCCAGAA | |
| IAP-4561C | TCACCRGARTGCTTCTTCCAAA | |
| IAP-4561D | TCACCKGAATGYTTCTTCCATCG | |
| IAP-4561E | TCACCAGARTGTTTTYTTCCATCG | |
| IAP-4561F | TCTCCAGAGTGCTTTTTTCCAGCA | |
| IAP-4561G | TCGCCRGAGTGCTTCTTCCARAA | |
| IAP-4561moose | TCACCAGAATGTTTTTTCCAAC TG | |

¹Hepatitis E virus isolate swX07_E1_EU360977

Table S2. Frequency of hepatitis E virus markers in sera and fecal samples from wild boar (*Sus scrofa*) in relation to county of origin.

| County of origin | No. of animals | Anti-HEV no. of positive/total samples analysed (%) | No HEV RNA pos animals (%) | No. of wild boars with any HEVmarker (%) |
|------------------|----------------|---|----------------------------|--|
| Blekinge | 8 | 2 | 2 | 3 |
| Närke | 92 | 4/88 | 6 | 10 |
| Södermanland | 3 | 1 | 0 | 1 |
| Västergötland | 22 | 2/21 | 2 | 4 |
| Västmanland | 12 | 2 | 1 | 3 |
| Unknown region | 2 | 0 | 0 | 0 |
| Total | 139 | 11/134 (8.2) | 11 (7.9) | 21 (15) |

Table S3. Frequency of hepatitis E virus markers in sera and fecal samples from moose (*Alces alces*) in relation to county of origin.

| County of origin | No. of animals | No. of anti-HEV positive/total no. samples analysed (%) | No HEV RNA pos animals (%) | No. of moose with any HEVmarker (%) |
|------------------|----------------|---|----------------------------|-------------------------------------|
| Södermanland | 9 | 0/9 | 0 | 0 |
| Västergötland | 16 | 4/14 | 4 | 6 ¹ |
| Västmanland | 15 | 3/15 | 4 | 7 |
| Värmland | 1 | 0/1 | 0 | 0 |
| Jämtland | 15 | 1/15 | 3 | 4 |
| Västerbotten | 10 | 0/10 | 1 | 1 |
| Unknown region | 3 | 1/3 | 0 | 1 |
| Total | 69 | 9/67 (13) | 12 (17) | 19¹ (28) |

¹Two moose had both detectable anti-HEV and HEV RNA

Table S4. Frequency of hepatitis E virus markers in sera and fecal samples from roe deer (*Capreolus capreolus*), fallow deer (*Dama dama*) and red deer (*Cervus elaphus*) in relation to county of origin.

| Deer species/ County of origin | No. of animals | No. of anti-HEV positive/total samples analysed (%) | No HEV RNA pos animals (%) | No. of deer with any HEV marker (%) |
|--------------------------------------|-------------------|--|----------------------------------|--|
| Roe deer | | | | |
| Södermanland | 1 | 0/1 | 0 | 0 |
| Västergötland | 15 | 1/14 | 0 | 1 |
| Västmanland | 11 | 1/11 | 0 | 1 |
| Värmland | 2 | 0/2 | 0 | 0 |
| unknown | 1 | 0/1 | 0 | 0 |
| Subtotal | 30 | 2/29 (6.9) | 0 | 2 (6.7) |
| Fallow deer | | | | |
| Södermanland | 1 | 0/1 | 0 | 0 |
| Västergötland | 2 | 0/2 | 0 | 0 |
| Västmanland | 4 | 0/4 | 0 | 0 |
| Subtotal | 7 | 0/7 | 0 | 0 |
| Red deer | | | | |
| Västmanland | 15 | 1/14 | 0 | 1 |
| Total | 52 | 3/57 (6) | 0 | 3 (5.8) |