



**Supplementary Figure 2.** Molecular analysis of experimental cattle samples using SHA31 and 12B2 on cerebellum (left column) or SAF84 on obex (right column). Lane 2, C-BSE in a PRNP wild-type steer. Lanes 3-7, H-BSE. H-BSE in EK211 (lane 3 and 7), KK211 (lane 4), and EE211 (lane 5 and 6) PRNP genotype cattle. Lanes 3-6 were inoculated with H-BSEE<sub>211K</sub> and the steer in lane 7 was inoculated with H-BSEE<sub>EE211</sub>. A Page Ruler Prestained Marker (Thermofisher) was used.

