



Figure S1 Pedigrees of Huskies used for the mapping of the disease locus. All dogs originated from a single breeder and were assumed to trace back to a recent common ancestor. Filled symbols represent affected animals. Two dogs died young without a neurological examination and may also have been affected (indicated by strike-through symbols). Numbers indicate dogs, which were used for linkage and/or homozygosity mapping. We thus had 28 informative meioses for linkage mapping and 4 affected dogs for homozygosity mapping.