Figure 1. The first-generation whole-genome radiation hybrid (RH) map in the horse along with a comparative overview of the map in relation to human and mouse gene maps. (Chowdhary et al. Genom Res 1997). Each diagram of a chromosome shows a Graded ideogram (GIGAH 1997). To the left of the ideogram, all new (red, present study) and available syntenic data are shown. Alphabetically arranged Type 1 (proximal) group and Type 2 (distal group) loci are separated by a gap. To the right of the ideogram, all new (red) loci (this study) and available FISH data are shown. For both syntenic and FISH data, only those Type 2 loci are shown that are also present on the RH map. The vertical numbered bars on the RH map represent RH groups (randomly selected sets of loci) that are either syntenically aligned with or not syntenic to the ideogram. Distances are shown in kilobases of physical distance. Redrawn and modified from Chowdhary et al. (1997). The ideogram reference is 36 in (Redrawn and modified from Chowdhary et al. 1999). The ideogram reference is 36 in (Redrawn and modified from Chowdhary et al. 1999).