Figure S3.—FISH analysis of suspected mis-orientation in canFam2 of CFA27 and CFA32. Cytogenetic analysis by (A) DAPI-staining and (B) FISH with a representative metaphase spread (c, centromeric; t, telomeric). (C-F) Analysis of CFA27. (C and E) DAPI-staining of CFA27 homologs from the same metaphase spread. (D and F) FISH with probes to compare the chromosome orientation specified in canFam2 to the one suggested by the linkage map. (G-J) Analysis of CFA32. Arrangement same as above, except fluorescent labels for distal and proximal probes were reversed. Results from examining multiple spreads are summarized in Table S5.