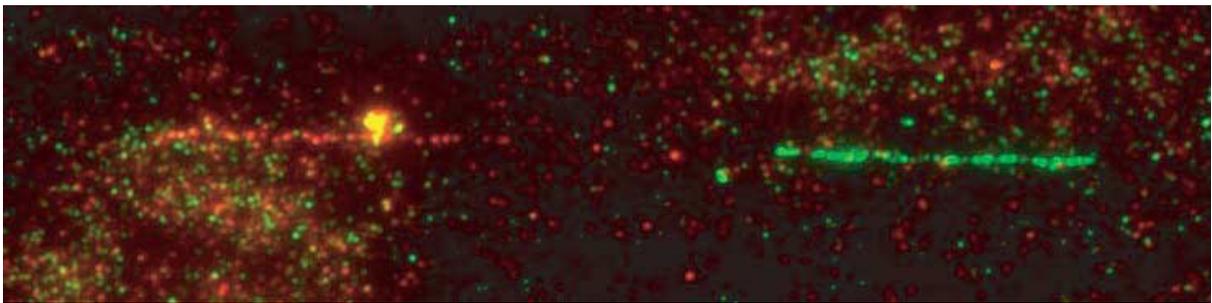
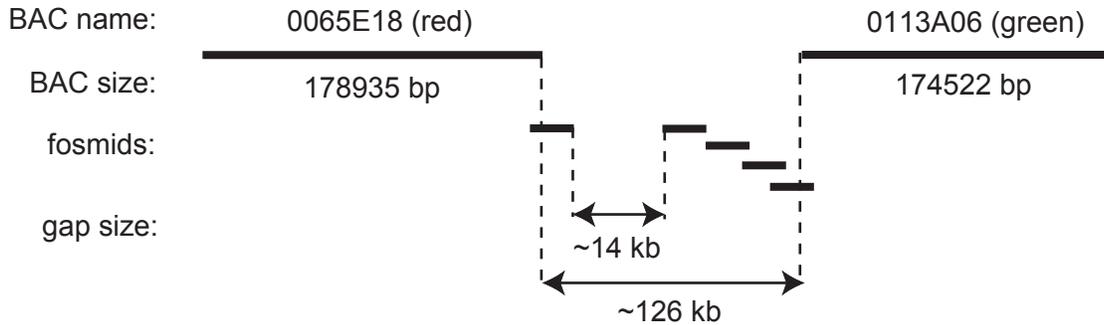
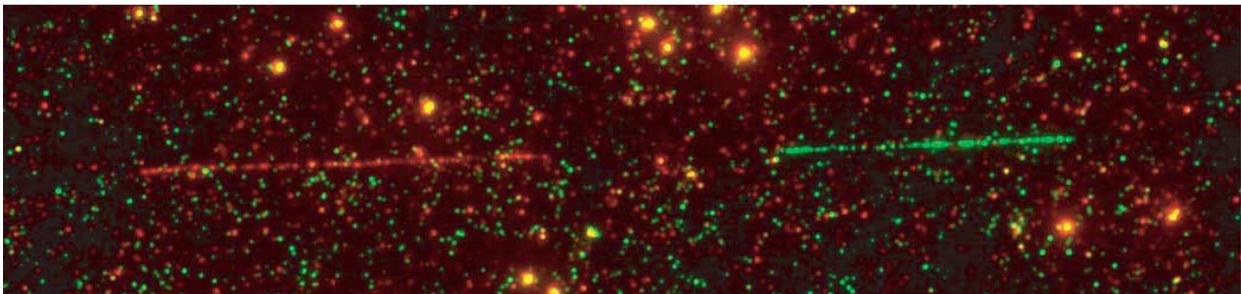
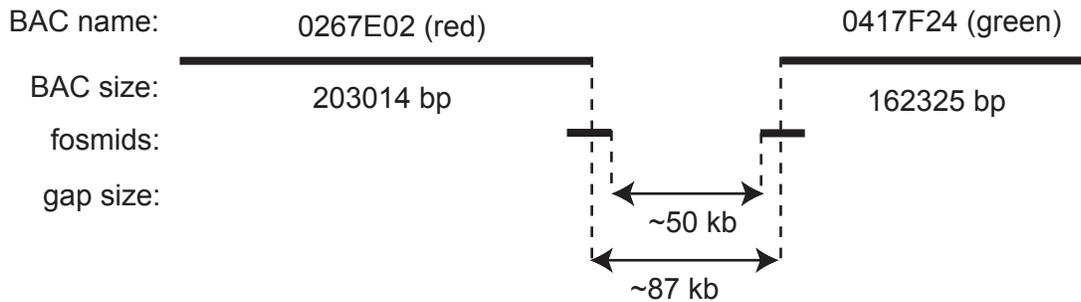


## Supplementary Figure 9

### gap 1



### gap 2



**Supplementary Figure 9** Estimation of gap sizes by fiber-FISH analysis. For each gap (labeled 1 and 2), the two BACs that border the gap were used as probes and are shown at the top of each image. The size of each BAC is given. In each case, fosmid clones were selected where possible to extend each gap beyond the BAC ends, and the relative positions of these are shown (See Supplementary Figure 5 for fosmid clone names). The estimated sizes of gaps between fosmid ends and between bac ends are given.