

**Supplementary Figure S2 - Example of a Misassembled Segment (MisSeg).** (a) A segment (see R237 in Supplementary File Figure S5 online) assigned to chromosome 26 position 25.7 - 26 Mb (in red) has unexpected high LD with SNPs at positions 50.6 - 50.9 Mb (in green). (b) The LD pattern suggests that the contigs within this MisSeg (in red) should have been assembled (red arrow) nearby the contigs at 50.6 - 50.9 Mb (in green). (c) Rearrangement of the MisSeg to that position yields the expected LD decay pattern.

