



**Supplementary Fig. 4.** Copy number variation (CNV) at chromosome 20q13.12 and its nearby genes. A light blue-filled area indicates the identified CNV region in this study. The base pair position of the CNV region was calculated based on hg18/NCBI build 36 by the University of California Santa Cruz (UCSC) Genome Browser. Genes located near the CNV region and H3K4me1 signals (green peaks) of a cell line, human mammary epithelial cell, in this region are described.