Supplementary Figure 4. AID-induced mutagenesis in cancer-related genes in association with *H. pylori* infection. (a) Distribution of mutations of TP53 sequence and their properties (between exons 2 and 4). There were 123 point mutations (residues above sequence) and 2 deletions (1 base pair) among 125 mutations detected in 45 sequenced TP53 clones of AGS cells with AID activation. (b) RT-PCR analysis of the expression of transcripts encoding p53, β-catenin and c-myc for total RNA extracted from AGS cells. (c) Immunoblot of lysates of AGS cells transfected for 24 h with AID siRNA or control siRNA (CTR), followed by infection for additional 24 h with cagPAI-positive *H. pylori*, analyzed with antibodies specific for AID (top) or α-tubulin (bottom).