Supplementary Figure 4. The loop region is required for AID targeting. (**a**) ChIP-qPCR for AID occupancy in *Ig* and non-*Ig* targets of primary B cells infected with shROD1,

shCtrl, ROD1 and a ROD1 loop deletion mutant (LD). ChIP was performed with either anti-AID or control IgG. Five AID non-targets served as negative controls. *P<0.05, **P<0.01, ***P<0.001 and P>0.05 was non-significant (n.s.) by two-tailed Student's t-test. Data are shown as the mean $\pm$ SD (n = 3) and normalized against input DNA. (**b**) Western blotting of ROD1 and AID expression in differently treated B cells. A shRNA-resistant mutant with same protein coding potential was applied for the rescue experiment. GAPDH served as a loading control. ROD1 expression levels were quantified and shown at the bottom. Data are shown as the mean $\pm$ SD (n = 3).