



Figure S1. Bcl2 downregulates intracellular dNTPs via inhibition of RNR activity. *A-B*, extracts from H1299 cells expressing WT Bcl2 or vector-only control were incubated with ¹⁴C-CDP. The generation of ¹⁴C-dCDP was analyzed by a phosphorImager on TLC. The relative abundance of ¹⁴C-dCDP and ¹⁴C-CDP was quantified with imageQuant software. RNR activity was calculated by a formula as ¹⁴C-dCDP/(¹⁴C-CDP+¹⁴C-dCDP). Error bars represent \pm SD of three repeated determinations. *C-D*, the extract from vector-only H1299 cells was incubated with ¹⁴C-CDP in the reaction buffer in the absence or presence of increasing concentrations of purified recombinant Bcl2 protein. RNR activity was analyzed as above. *E*, intracellular levels of dNTPs in H1299 cells expressing WT or vector-only control were measured. Error bars represent \pm SD of three repeated determinations.