



Supplemental Figure S4. Native gel-purification, not CIP treatment, affects PKR activation by various noncanonical substrate RNAs. Data are plotted as %average activation (n=3) using activation by 10 nM ds106 as 100%; error bars \pm SD. A different snoRNA, SNORA71 (A), as well as a previously tested RNA, ss-dsRNA(9,11) (Nallagatla et al. 2007) (B), show triphosphate-independent activation. For these RNAs (C and D) as well as SNORA3 (E), purification from a native gel revealed conformation specific activation. For each native purified RNA, the minor activating species is plotted in red.