SUPPLEMENTAL TABLE 2

Tk primase preparation	[α^{32}P]-ATP incorporation (pmol)	[α^{32}P]-dATP incorporation (pmol)
Tk primase complex (0.56 μM)	838	1049
" " (0.056 μM)	389	608
Tk p41 (0.56 μM)	27.1	925
" (0.056 μM)	12.2	242

RNA and DNA synthesis with oligo dT_{30} as template - Reaction mixtures (20 μl) containing 40 mM glycine (pH 8.9), 100 μM [α^{32}P]-ATP (665 cpm/pmol) or [α^{32}P]-dATP (2500 cpm/pmol), 1 μM oligo dT_{30}, 10 mM magnesium acetate, 4 mM $MnCl_2$, 100 μg/ml BSA, 1 mM DTT and Tk primase preparations diluted in TE+BSA (20 μg/ml) were incubated for 20 min at 60ºC. Aliquots were used to measure the level of polynucleotides synthesized.