



Figure S19. The effect of Fip1 depletion on mRNA 3' processing activities determined by in vivo reporter assays. (A) Design of the pPASPORT reporter. Poly(A) sites of interest are inserted into the yellow box (PAS) marked by the red arrow. Rluc: Renilla luciferase. Fluc: firefly luciferase. IRES: ECMV internal ribosomal entry site. **(B)** pPASPORT constructs containing the specified poly(A) sites were transfected into ESCs that had been transfected with control (blue bars) or Fip1-specific siRNAs (red bars) and the poly(A) site activities (Rluc/Fluc ratio) were measured and plotted. (mean \pm SEM). P: proximal PAS. D: distal PAS. SVL: SV40 late transcript poly(A) site. $p < 0.05$ for all genes.