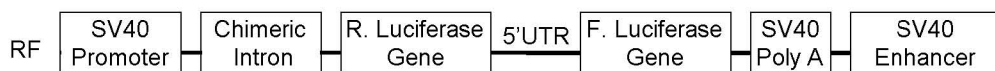
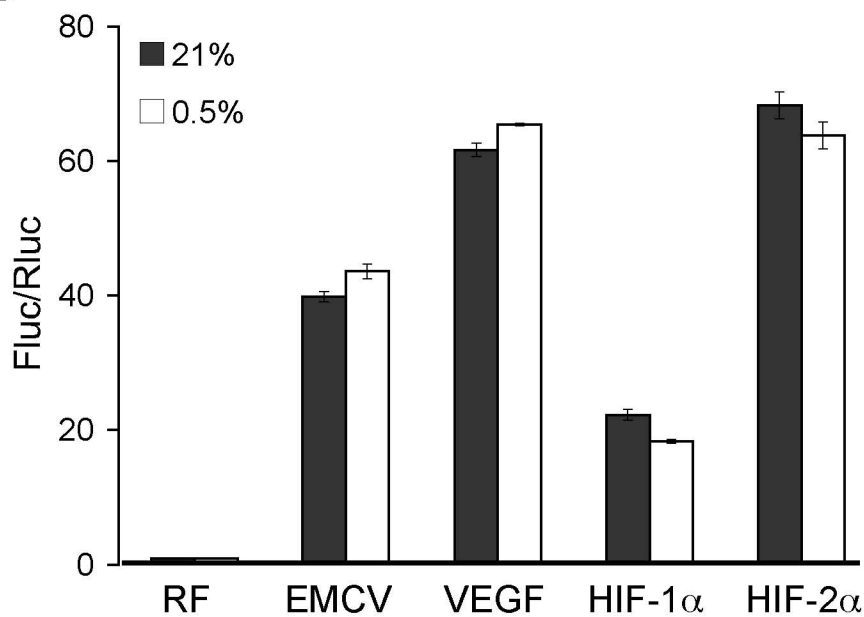


Supplemental Figure 1. **EMCV, VEGF, HIF-1 α and HIF-2 α 5'UTRs mediate capindependent translation under normoxic and hypoxic conditions in the dicistronic vector assay.** (A) Schematic representation of the dicistronic vector. NIH3T3 cells were transiently transfected with the listed dicistronic vector constructs and then cultured under (B) moderate (0.5% O₂ for 42 h) or (C) severe (O₂ < 0.1% 16 h) hypoxic conditions with a normoxic control and assayed for luciferase activity. Luciferase activity was expressed as the ratio of Fluc/Rluc to indicate the relative level of IRES to cap-dependent translation. The value of Fluc/Rluc was normalized to the control pRF that was set at 1.

Supplemental Figure 2. **Analysis of p57^{Kip2} degradation.** HeLa cells were cultured under prolonged, severe hypoxic stress (O₂ < 0.1% 16 h) and then treated with cycloheximide for 30, 60, 90 and 120 min. Levels of p57^{Kip2} protein were analyzed by western blot and relative numerical levels are displayed below. Values were normalized to the normoxic 0' CHX sample that was set to 1.

A**B****C**