



Supplemental Figure 1. Hypoxia minimally induces eIF2 α phosphorylation in ESCC cells

eIF2 α phosphorylation was determined in TE12 and T.T cells exposed to normoxia (N), hypoxia (H) or 2 μ g/ml Tunicamycin for 48 hrs. DMSO served as a vehicle. Tunicamycin induces phosphorylation of eIF2 α (1). Whole cell lysates were used for Western blotting with β -actin as a loading control. Cell viability was >95% in above experimental conditions.

Supplementary Reference

1. Harding, H. P., Zhang, Y., Bertolotti, A., Zeng, H., and Ron, D. (2000) Perk is essential for translational regulation and cell survival during the unfolded protein response. *Molecular cell* **5**, 897-904