



supplementary Fig 2. ER stress induces transcription of TRAP complex subunit mRNA, but cytosolic stress does not. mRNAs encoding the four TRAP complex subunit genes (α , β , γ , δ) are induced by ER stress (A), but not by cytosolic stress (B). Total RNA was isolated from BALB/c 3T3 cells subjected to ER stress (tunicamycin, A23187 and 2-deoxyglucose) for 6 h or cytosolic stress (heat shock and arsenite) for the periods indicated. RNA (5 μ g) was separated by electrophoresis and analyzed by Northern hybridization using [α - 32 P]-dCTP-labeled cDNA probes specific to mouse each TRAP subunit (α , β , γ , δ), mouse BiP (induced by ER stress), human HSP70 (induced by cytosolic stress) and human GAPDH (loading control).