Supplemental Figure 1: Borate does not significantly affect cell viability and growth. Graph shows the effect of different concentration of borate on cell growth and viability by MTT assay (n=3). Results show that borate-depleted medium (<10 μM following use of Amberlite IRA-743 compared to Standard medium, 25 μM) and supplementation of depleted-medium with borate (30-300 μM) had no significant effect on MTT assay. Significant inhibition in cell proliferation is observed above 3000 μM in BCEC and HEK293 cells (For sub-confluent cultures, 3000 μM produces 10 - 20% inhibition). yaxis control refers to cells incubated in depleted medium (<10 μM borate) without borate supplementation.