Supplementary Figure S4.

**a)** KMEL2 cells express embryonic stem cell marker Tra-2-49. **b)** KMEL2 cells express embryonic stem cell marker TG30. Histograms represent flow cytometry data demonstrating GFP positive cells express pluripotency markers (blue line) above negative controls (black line). **c)** Mitochondria show a dispersed localisation in MAP2C positive cells. **d)** KMEL2 cells differentiated towards the endoderm lineage express FOXA2.