



Figure S5. *In vivo* staining of TMRM⁺ charged mitochondria from 9-10d primary cultures of cortical neurons derived from control (CRL) and H⁺/T⁺ embryos. Images and graph represent the sequential cytofluorometric measurements of mitochondrial membrane potential (TMRM staining, $\Delta\Psi_m$) in basal condition (None), after addition of 6 μ M oligomycin (OL), 1 μ M rotenone (ROT) and finally 5 μ M FCCP in the same field. Histograms show the quantification of $\Delta\Psi_m$ differences between OL treated cells and basal condition. Magnification 40x. The data shown are mean \pm SEM of 15 fields per condition. *, p<0.05 when compared to control by Student's t test.