



**Supplementary Materials 1.** The effect of DHNQ, NQ-2-OH and NQ on the membrane integrity and cell viability in the maize coleoptile segments. (A) 1 nM DHNQ, (B) 1 nM NQ-2-OH; (C) 1 nM NQ; (D) 10 nM DHNQ; (E) 10 nM NQ-2-OH; (F) 10 nM NQ; (G) 1 nM DHNQ + IAA; (H) 1 nM NQ-2-OH + IAA; (I) 1 nM NQ + IAA; (J) 10 nM DHNQ + IAA; (K) 10 nM NQ-2-OH + IAA; (L) 10 nM NQ + IAA. Cell viability is presented as the percentage of living cells.