

**Nanosecond pulsed electric fields modulate the expression of the
astaxanthin biosynthesis genes *psy*, *crtR-b* and *bkt 1* in *Haematococcus
pluvialis***

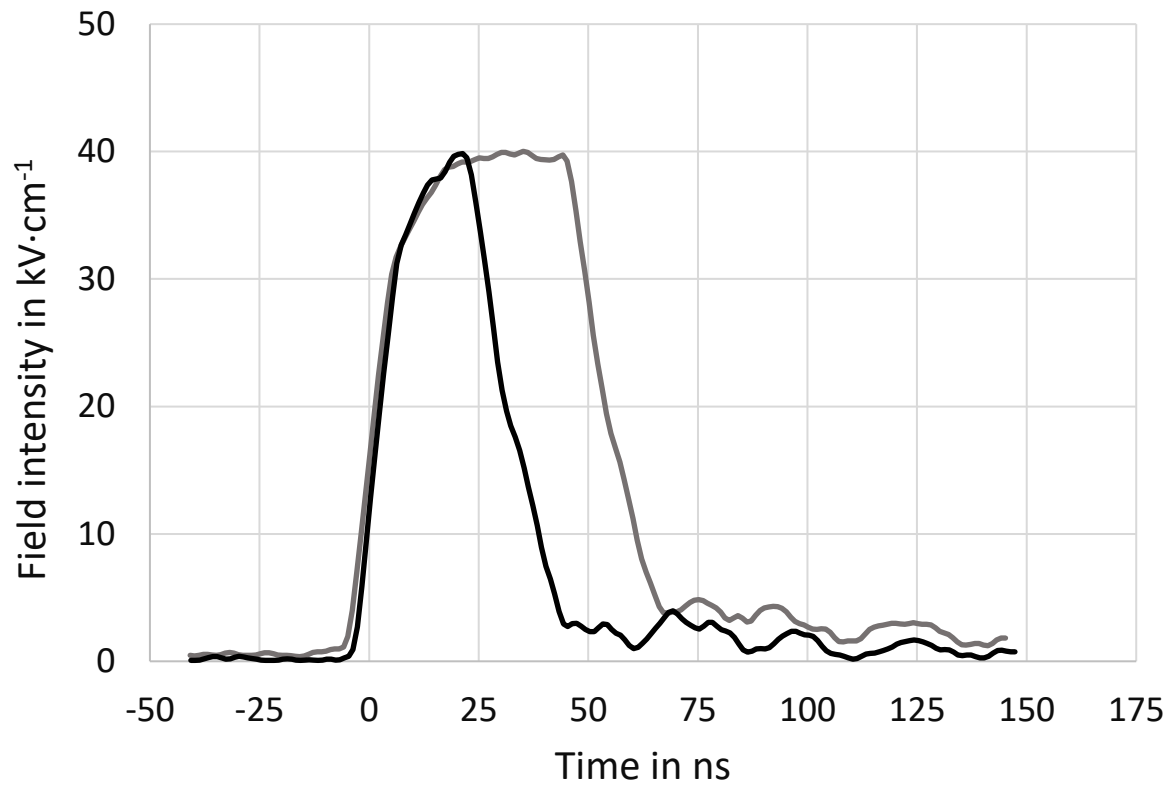
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Supplementary figure S1. Waveform of the electric field pulse with a pulse duration of 25 ns (black) and 50 ns (grey). The displayed waveform is calculated from the voltage measurement across the electrode divided by the gap distance of 0.2 cm.