

Detection and Live-Cell Imaging of a Micro-RNA

Associated with the Cancer Neuroblastoma

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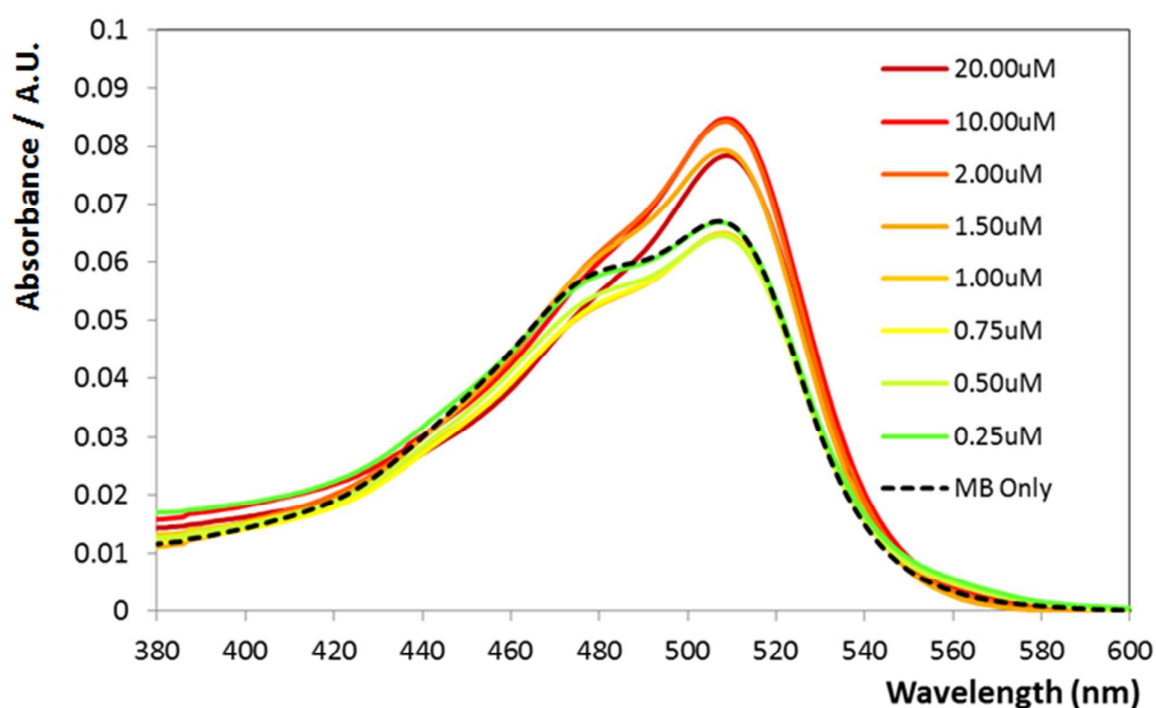


Figure S1: Absorption spectra of 1 μM molecular beacon in PBS in the absence of target (---), and 1 μM molecular beacon in PBS with varying concentration of miRNA-132 between 0.25 μM and 20 μM, after a hybridisation time of 10 minutes.

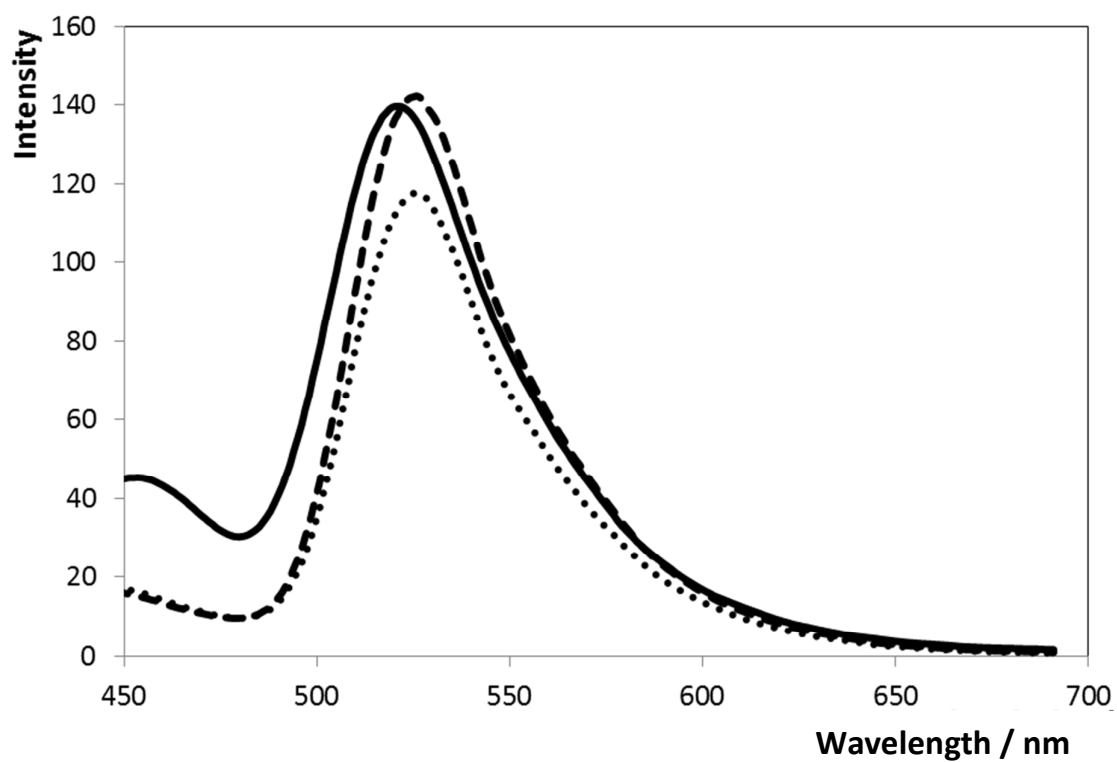


Figure S2: Emission spectra of 1 μ M molecular beacon in PBS in the absence of target (—), and 1 μ M molecular beacon in PBS with 1 μ M 1 Base mismatch (···) and 1 μ M 2 Base mismatch (- - -), after a hybridisation time of 10 minutes.

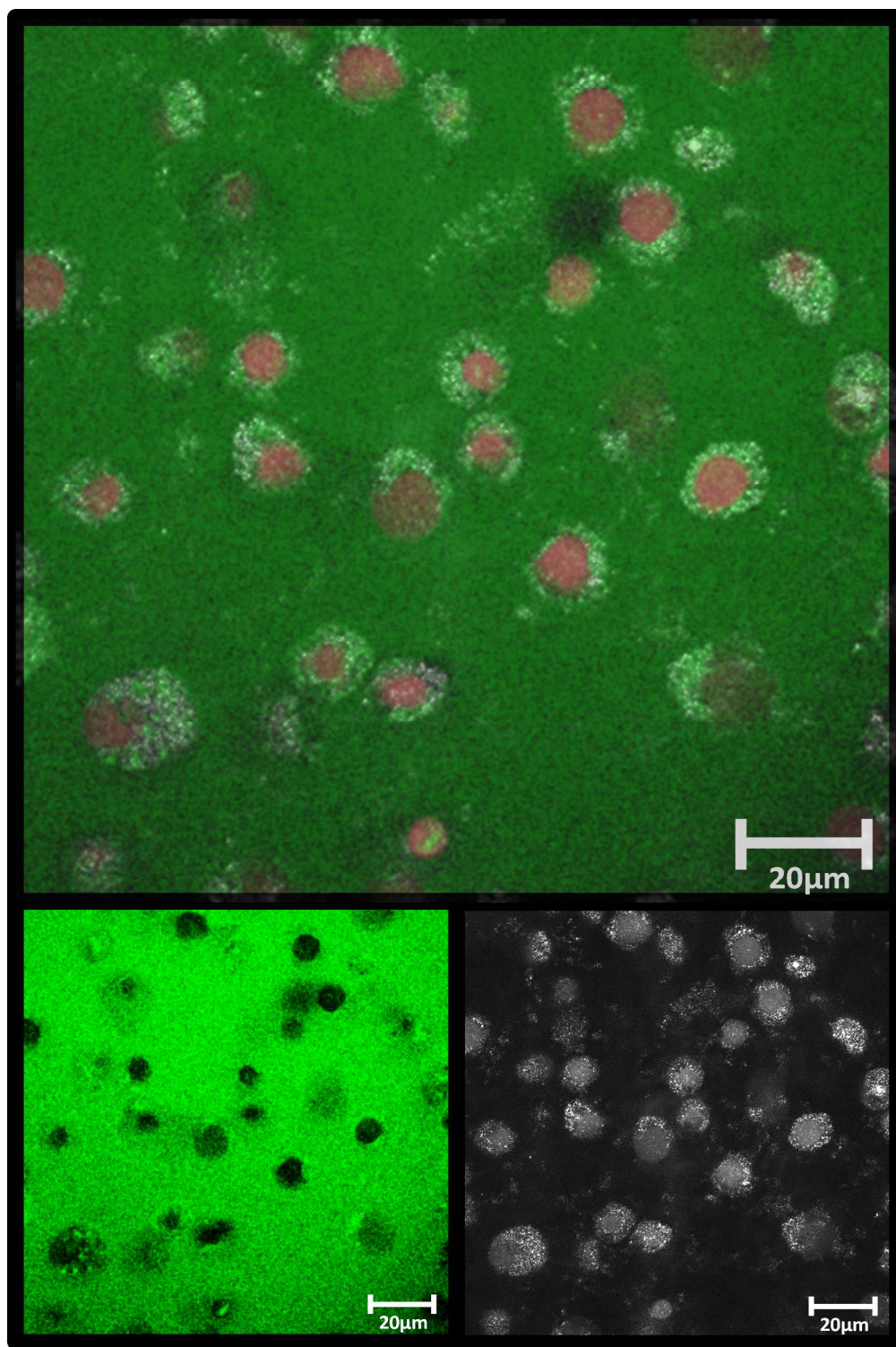


Figure S3: Confocal image of floating SK-N-AS cells 24 hours after electroporation with 50 μ M 6-FAM (Green) in PBS and with 1 μ M DRAQ7 (Red) viability dye. Excitation with argon ion laser at 458nm and with an LP560 filter at 6%.