



Supplemental Figure S1

Analysis of RNA quality under immunofluorescent staining conditions.

Agilent Bioanalyzer Gel Electrophoresis was run according to the manufacturer's recommendations. RNA Quality was assessed by evaluation of the delineation of the bands. As a positive control, we used unstained tissue (straight from -80°C) which shows clearly delineated 18S and 28S RNA bands ("unstained"). Under standard conditions (i.e. following a traditional immunofluorescent staining and laser microdissection protocol which takes at least 1,5 hours at room temperature), RNA is rapidly degraded, severely compromising transcriptome analysis. In this study, a rapid staining protocol that largely preserves RNA was used ("optimized").