

Supplementary Materials

Supplementary Figure 1

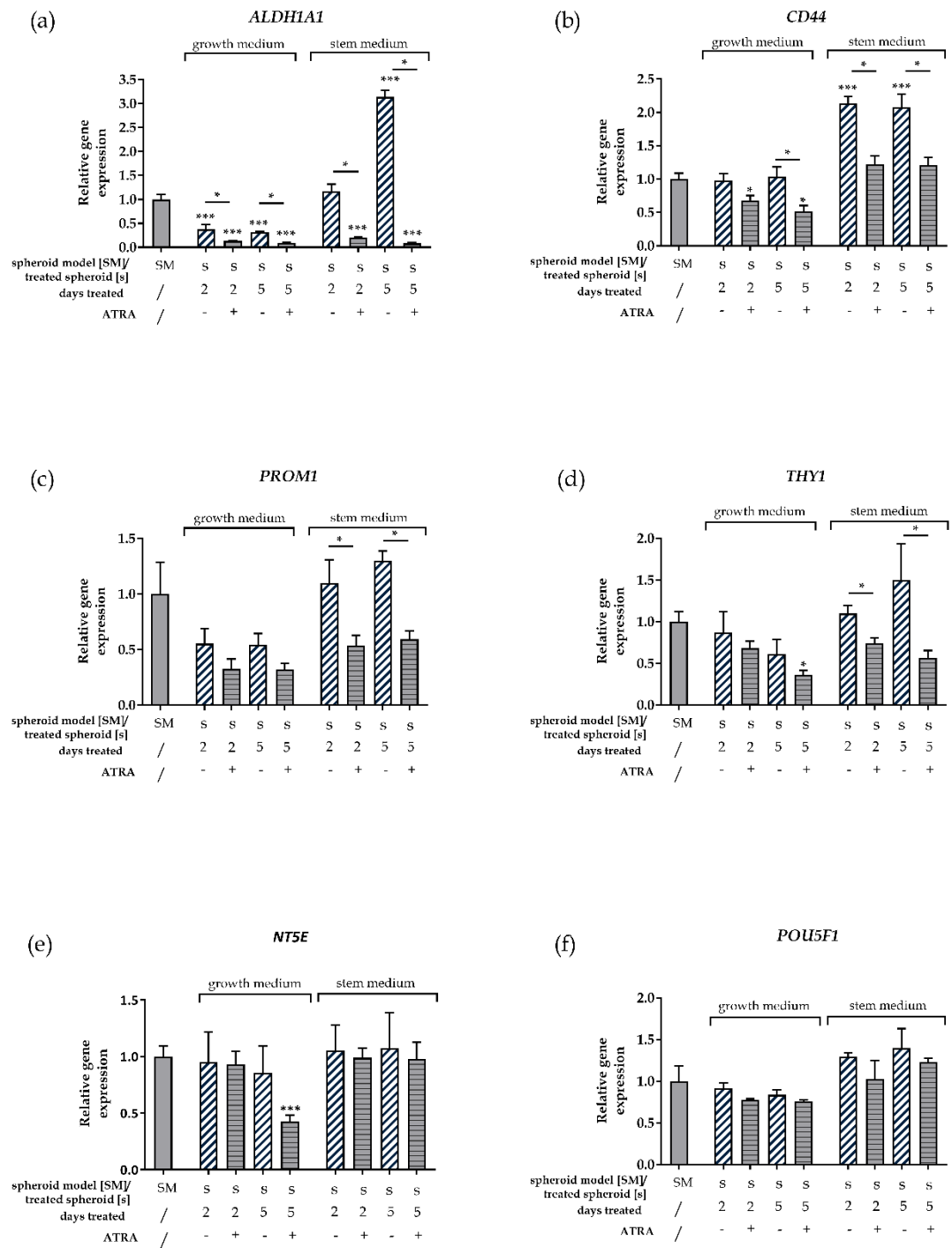


Figure S1. Relative gene expression of stem markers during optimization of differentiation treatment. SCESM spheroids were treated with two different media (growth medium \pm ATRA, stem medium \pm ATRA) and two different treatment durations (2 and 5 days). Relative gene expression of six stem markers was assessed in untreated 7- days old SCESM spheroids and treated SCESM spheroids. (a) Relative gene expression of *ALDH1A1*; (b) Relative gene expression of *CD44*; (c) Relative gene expression of *PROM1*; (d) Relative gene expression of *THY1*; (e) Relative gene expression of *NT5E*; (f) Relative gene expression of *POU5F1*. Normalized mean values \pm SE ($n \geq 5$) are presented Asterisks above the graph bars represent the results of statistical analysis of the studied group vs. the control group - SM (* $p < 0.05$, *** $p < 0.001$). SM: 7 days old SCESM spheroids; s: treated SCESM spheroids;). - : control/ATRA untreated group; + : ATRA treated group.