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Figure 16. Northern analysis of TF2 expression.

RNApure™ reagent (GenHunter corporation) was used to extract RNA from undifferentiated and differentiated cells. Northern analysis of 0 to 8 h of development is shown here. Following electrophoresis in a 1 % formaldehyde agarose gel, the RNA was transferred to a Hybond-N⁺ nylon membrane and probed with a radiolabeled TF2 cDNA fragment. The membrane was washed under high stringency conditions and exposed to x-ray film. After autoradiography, the gel was scanned using a Storm PhosphorImager. The intensities of the *tf2* mRNA bands as measured by the PhosphorImager, were used to plot the bar graph shown on top. As cells progress from 0 to 8 hours of development, *tf2* mRNA levels can be seen increasing by at least 80%.