Supplementary Figure 2  Synergistic activity of Sox21 and Ngn2 during neurogenesis. (a-e) 10 h after Ngn2 electroporation no expression of Lim2, NeuN, Tuj1 or NF1 could be detected in transfected cells. The generation of neurons by Ngn2 overexpression could first be detected 20 h after electroporation (data not shown). (f-j) 10 h after Sox21 electroporation, transfected cells had upregulated the expression of Lim2 and NeuN, but not Tuj1 or NF1. (k-o) Co-electroporation of Ngn2 and Sox21 induced the generation of differentiated neurons expressing a full array of neuronal markers including Tuj1 and NF1 already 10 h after electroporation. Scale bar equals 60 μm.