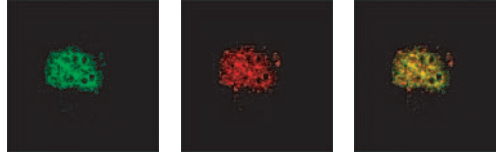
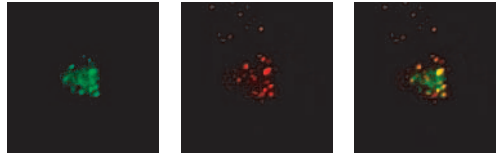


Supplementary Figure 2. Sublocalisation of Krox20 and mutant PIASx β proteins in the cell nucleus. COS7 cells were transfected with expression vectors encoding Krox20 and wild type or mutant HA-PIASx β constructs, and 36 h later the proteins were revealed by immunofluorescence analysis (Krox20 is labelled with FITC, green, and HA-PIASx β with Cy3, red). The localisation of Krox20 and PIASx β when independently transfected are shown in Fig. 1C. Wild type PIASx β (HA-PIAS) and PIASx β deleted of the SAP domain (HA- Δ SAP) are co-localised with Krox20 in nuclear bodies. In contrast, with PIASx β deleted of the proline-rich (HA- Δ Pro) region or of the SP-RING (HA- Δ RING) domain both proteins display homogeneous distributions in the nucleus.

Krox20 + HA-PIAS



Krox20 + HA-ΔSAP



Krox20 + HA-ΔPro



Krox20 + HA-ΔRING



Krox20

HA

Merge