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

Krox20 + HA-ΔSAP

Krox20 + HA-ΔPro

Krox20 + HA-ΔRING

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<th>Krox20</th>
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<th>Merge</th>
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