Title: DNA Elements for Constitutive Androstane Receptor- and Pregnane X Receptor-mediated Regulation of Bovine *CYP3A28* Gene

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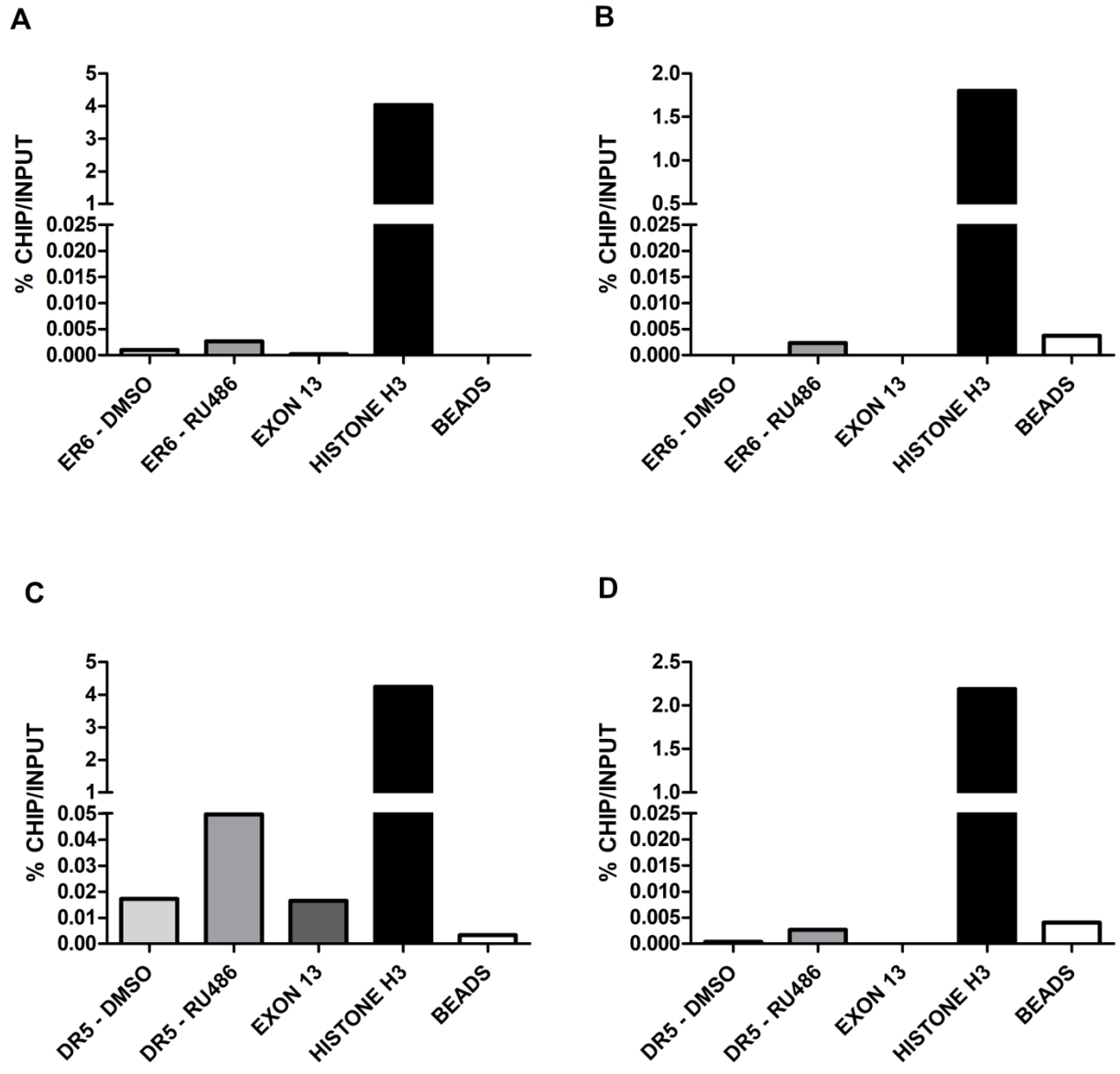

S9 Fig. ChIP in control and treated BFH12 cells to quantify the binding of RXRα to ER6 and DR5 binding sites. BFH12 cells were exposed to 0.1% DMSO and 100 μM RU486 for 6 hours. Chromatin was isolated, subjected to ChIP using anti-human RXRα antibody and quantified by qPCR as described in S1 File. Results for ER6 and DR5 DNA regions are reported in panels A-B and C-D, respectively. The data shown derived from two further independent experiments; they are

normalized to input DNA and expressed as % ChIP/input. The experiment was performed four times independently, and similar results were obtained. Chromatin samples from control cells immunoprecipitated with or without Histone H3 antibody are shown as Histone H3 and beads, respectively. A further negative control (exon 13), representing a *CYP3A28* DNA region without NR binding sites, is reported in the graph. In all experiments, negative and positive controls behaved as expected.