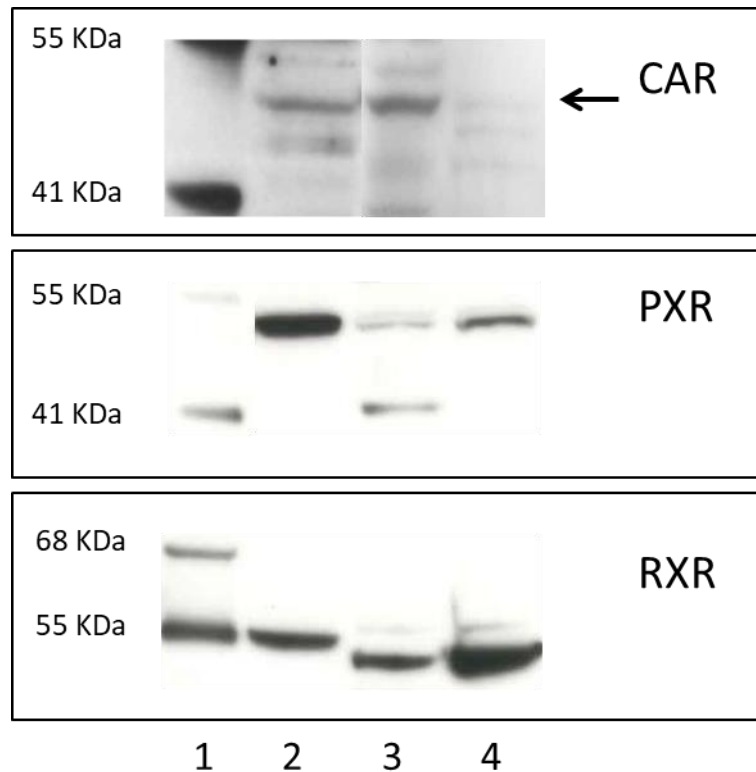


**Title: DNA Elements for Constitutive Androstane Receptor- and Pregnane X Receptor-mediated Regulation of Bovine *CYP3A28* Gene**

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**Journal:** Plos One



**S8 Fig. CAR, PXR and RXR immunoblotting analysis of subcellular fractions isolated from untreated bovine liver.** Bovine liver cytosolic and nuclear extracts were isolated according to Renisalo et al. (2012) with minor modifications. Proteins (30  $\mu$ g) were subjected to immunoblotting analysis following the protocol previously published by Zancanella et al. (2012)\*. Membranes were firstly probed with anti-human CAR (1:1000 final dilution), anti-human PXR (1:1000) and anti-human RXR (1:1500) polyclonal antibodies and then with a peroxidase-conjugated goat anti-rabbit IgG (Chemicon International; 1:6000 final dilution). As positive control, total proteins isolated from C3A cells stably transfected with hCAR or hPXR (Küblbeck et al., 2010) was used. 1: molecular weight marker (ChemiBlot Molecular Weight Marker, Millipore); 2: C3A cells transfected with hPXR or hCAR, total proteins; 3: bovine liver tissue, cytosol; 4: bovine liver tissue, nuclear fraction.

\* Zancanella V, Giantin M, Lopparelli RM, Nebbia C, Dacasto M. Constitutive expression and phenobarbital modulation of drug metabolizing enzymes and related nuclear receptors in cattle liver and extra-hepatic tissues. *Xenobiotica* 2012; 42: 1096-1109.