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

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S4 Table. Oligonucleotides used for the internal site-directed mutagenesis of transcription factor binding sites.

Target motif	5'→3' sequences	Restriction enzyme site	Length (bp)	%GC
ER6	*F:* TTATTGATTTCCTACAGAATAactAgTCaAGGGAtGTaAAACTGAAGTGCATGTTAT	BcuI	57	31.6
	R: ATAACATGCACTTCAGTTTtACaTCCCTtGAcTagtTATTCTGTAGGAAATCAATAA		57	31.6
DR1	*F:* GGCTTTATTTTATTTTCTGTtACgccgcGGtTTACTGATAACACTGATTG	Cfr42I	50	38.0
	R: CAATCAGTGTTATCAGTAAaCCgcggcGTaACAGAAAATAAAATAAAGCC		50	38.0
DR5	*F:* AGGGAATTTCCTGGGTGAaaCtAGTCTAGcGTgAGATAAAACTCCTTAGAAGGTT	BcuI	55	41.8
	R: AACCTTCTAAGGAGTTTTATCTcACgCTAGACTaGttTCACCCAGGAAATTCCCT		55	41.8

Primers used for mutagenesis of ER6, DR1 present in the *CYP3A28* proximal promoter and DR5 located in F3 are indicated and lowercase letters refer to mutated bases. A selected restriction enzyme site was inserted in both primers (underlined in the 5'→3' sequence) for the diagnosis of successful base changing.