Supplementary Material

Supplementary Table S1. Overlapping and flanking primers for amplification of Tx chicken fatty liver CR gene.

Restriction sites and overlapping sequences are shown in underline and bold, respectively.

Primers	Oligonucleotide sequence (5'-3')
	Overlapping primers
CR-1F	ATGGGAGAGCTGCGTGTCCGCTCCGTTCTGGTGACTGGGGCCAACCGAGG GATCGGCCTGGGCTTTGTCCAGCACCTGCT**GGCATTGTCAAACCCACCTG**
CR-2R	**GGTGCTTGGAGGCCAATTTC**TGCAGCTCCTGTGCTCGCTGTCCCTTGGGG TCCCGGCAGGTTGCAAAGACCCACT**CAGGTGGGTTTGACAATGCC**
CR-3F	**GAAATTGGCCTCCAAGCACC**CCAACCTGGTCATCGTCCCACTCGAAGTCA CCGATCCCGCCAGCATCAAGGCGGC**CGCAGCCAGCGTCGGGGAGC**
CR-4R	**TTTCGTTGTCAATTGTGTTT**GCCCTTGCAATTCCAGCGTTGTTGATGAGGA GGTTCAGCCCCGAGCCCTTGAGGC**GCTCCCCGACGCTGGCTGCG**
CR-5F	**AAACACAATTGACAACGAAA**CACTGAAGGATATGTCTGAGGTGTACACGA CCAACACCATTGCACCCCTGCTGCT**GAGCCAGGCGTTCCTGCCCA**
CR-6R	**TGGAAATGTTGATGATGGCT**GCCTTGCTGCAGCTCAACCCCGAGCCTGGG TTCTCCTGGGCTGCCTTCTTCAGCA**TGGGCAGGAACGCCTGGCTC**
CR-7F	**AGCCATCATCAACATTTCCA**GCACTGCCGGATCCATTCAGGACCTCTACCT GTGGCAGTATGGACAAGCGCTCTC**ATACCGTTGCAGCAAGGCTG**
CR-8R	**CGGGATGGAGAGCGACGCAG**AAGATGCCGTGTTCCCGGTACCCCATGGA CTGGCACCTGGTGAGCATGTTCAGGG**CAGCCTTGCTGCAACGGTAT**
CR-9F	**CTGCGTCGCTCTCCATCCCG**GATGGGTCAAAACAGACATGGGAGGCACA TTAGAAGATAAGTCCCGCGTGACAGT**GGATGAGAGCGTAGGAGGGA**
CR-10R	TCACCAGGCCATAACTTTCCCTTCCCAGTTCAGGAAGGCCCCGCTGTCCTT CTCGGAGAGGTTGGAGAGCACCTTCAGCA**TCCCTCCTACGCTCTCATCC**
	Flanking primers
CR-F	TTCCATATGGGAGAGCTGCGTGTCCGCTCC (*Nde*I)
CR-R	GAATTCTCACCAGGCCATAACTTTCCCTTC (*Eco*RI)

Supplementary Table S2. The nucleotide sequence of the gene encoding Tx chicken fatty liver CR.

	Gene sequence (NCBI-XP_414028)
1	atg gga gag ctg cgt gtc cgc tcc gtt ctg gtg act ggg gcc aac
46	cga ggg atc ggc ctg ggc ttt gtc cag cac ctg ctg gca ttg tca
91	aac cca cct gag tgg gtc ttt gca acc tgc cgg gac ccc aag gga
136	cag cga gca cag gag ctg cag aaa ttg gcc tcc aag cac ccc aac
181	ctg gtc atc gtc cca ctc gaa gtc acc gat ccc gcc agc atc aag
226	gcg gcc gca gcc agc gtc ggg gag cgc ctc aag ggc tcg ggg ctg
271	aac ctc ctc atc aac aac gct gga att gca agg gca aac aca att
316	gac aac gaa aca ctg aag gat atg tct gag gtg tac acg acc aac
361	acc att gca ccc ctg ctg ctg agc cag gcg ttc ctg ccc atg ctg
406	aag aag gca gcc cag gag aac cca ggc tcg ggg ttg agc tgc agc
451	aag gca gcc atc atc aac att tcc agc act gcc gga tcc att cag
496	gac ctc tac ctg tgg cag tat gga caa gcg ctc tca tac cgt tgc
541	agc aag gct gcc ctg aac atg ctc acc agg tgc cag tcc atg ggg
586	tac cgg gaa cac ggc atc ttc tgc gtc gct ctc cat ccc gga tgg
631	gtc aaa aca gac atg gga ggc aca tta gaa gat aag tcc cgc gtg
676	aca gtg gat gag agc gta gga ggg atg ctg aag gtg ctc tcc aac
721	ctc tcc gag aag gac agc ggg gcc ttc ctg aac tgg gaa ggg aaa
766	gtt atg gcc tgg tga