

Table S2 Cloning primers

Target gene / peak region	Forward primer	Reverse primer	Size (bp)
Adamts4 / Peak A	AACACGCGTCCCTACTGACCCCTATTCAC	GTCTCGAGTAGGGCTGGGAAGGAAGATA	1837
Adamts4 / Peak B	AACACGCGTGGGTTTATTCAGCTTGCACT	GTCTCGAGAACTAATGCTCAAAGATGCGGGGC	1540
Crabp2 / Peak C	AACACGCGTTGTATACTGAATGCATGCCT	GTAGATCTTCAGAGACCCAGCCTTTGTCATTGT	1114
Crabp2 / Peak D	AACACGCGTACCACCACCCAAAACAACCTC	GTAGATCTGTAGACTGCTGGCCTTGACCTCAC	1103
Crabp2 / Peak E	AACACGCGTCTTTTTCTTATTCTTTGGAAC	GTAGATCTAACAAGAGGGAGAGGAAGAG	2192