

**Table S1** Homology of AdipoQ, AdipoR1 and AdipoR2 protein sequences between the goat and other species

<i>Species</i>	<i>AdipoQ</i> (%)	<i>AdipoR1</i> (%)	<i>AdipoR2</i> (%)
<i>Homo sapiens</i>	81.17	96.80	86.27
<i>Bos taurus</i>	87.45	99.20	92.49
<i>Mus musculus</i>	81.59	97.07	84.20
<i>Ovis aries</i>	99.16	99.73	94.04

Protein sequences were obtained from GenBank: NP\_001171271 (*AdipoQ-Homo sapiens*); NP\_777167 (*AdipoQ-Bos taurus*); NP\_033735 (*AdipoQ-Mus musculus*); XP\_011952838.1 (*AdipoQ-Ovis aries*); AHA11393.1 (*AdipoQ-Capra hircus*). NP\_001277482.1 (*AdipoR1-Homo sapiens*); NP\_001029227.1 (*AdipoR1-Bos taurus*); NP\_001292998.1 (*AdipoR1-Mus musculus*); NP\_001293039.1 (*AdipoR1-Ovis aries*); AGO58469.1 (*AdipoR1-Capra hircus*). NP\_078827.2 (*AdipoR2-Homo sapiens*); NP\_001035589.1 (*AdipoR2-Bos taurus*); NP\_932102.2 (*AdipoR2-Mus musculus*); XP\_011996052.1 (*AdipoR2-Ovis aries*); AGO58468.1 (*AdipoR2-Capra hircus*).