Table S1: List of primers used in this study.

Name of primer	Sequence of primer(5'-3')	Purpose
RiACS1-F	ATGGGCTCGAACTCAGCACT	Full-length cDNA of *RiACS1*
RiACS1-R	TTAATTTGCTCGAAGTAGAGGCG	Full-length cDNA of *RiACS1*
RiACS1-qPCR-F	GATGGATGGAAGGCGTACGACA	qPCR
RiACS1-qPCR-R	CCGTAATAGTCCTGAAAGTTGGCC	qPCR
Ri18s-F	CTACCTATTGTAAGGAATGGTGCCT	qPCR
Ri18s-R	TTCTGCATCCGAGATATCAAGTAGT	qPCR
SlACS2-qF	GAAAGAGTTGTTATGGCTGGTG	qPCR
SlACS2-qR	GCTGGGTAGTATGGTGAAGGT	qPCR
SlACS4-qF	GCTCGGAGGTAGGATGGTTTC	qPCR
SlACS4-qR	GTTCCTCTTCCATTGTGCTTGT	qPCR
SlACO1-qF	CCTCCCATGCGCCACTCTAT	qPCR
SlACO1-qR	CGTGTCCCGTCTGTTTGTGC	qPCR
SlACO3-qF	CAAGCAAGTTTATCCGAAA	qPCR
SlACO3-qR	CATTAGCTTCCATAGCCTTC	qPCR
Actin-F	ACCACTGCTGAACGGGAAA	qPCR
Actin-R	GACCTCTGGGCAACGGAACCT	qPCR

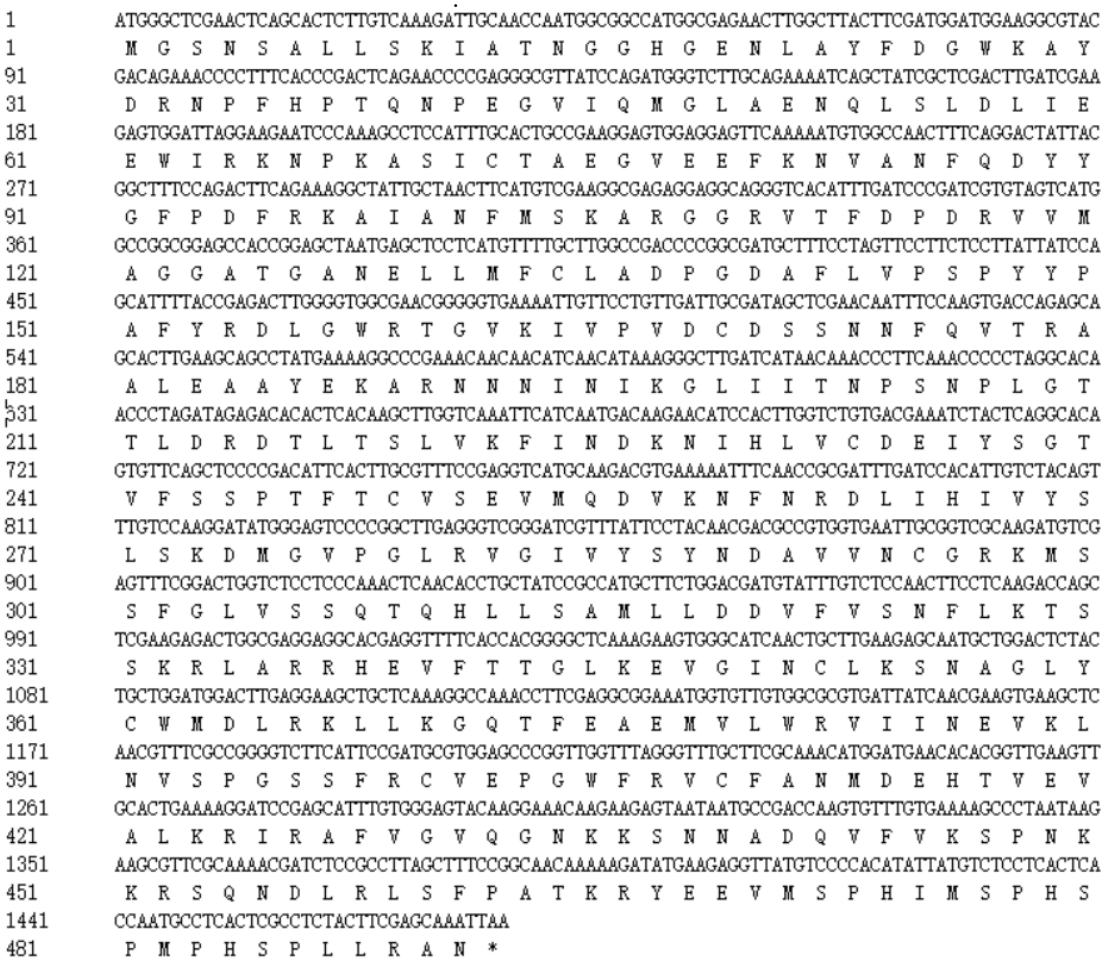

Figure S1: Gene sequence and amino acid sequence of *RiACS1*.

.

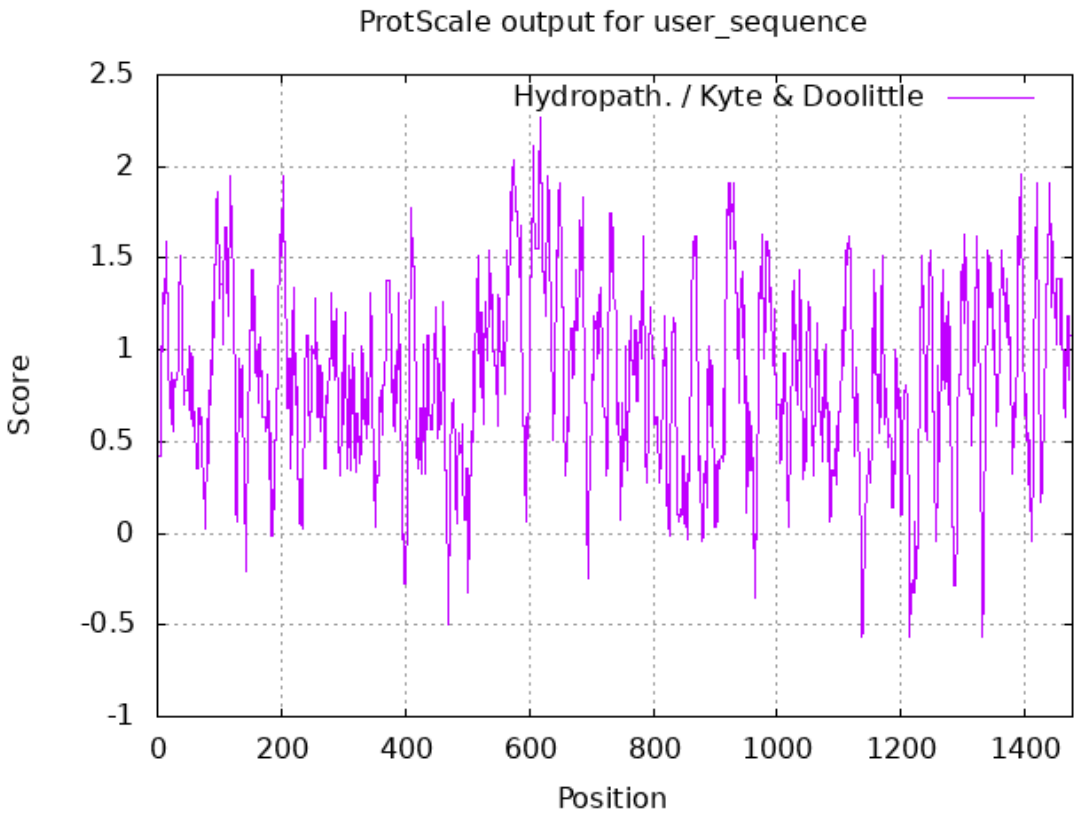

Figure S2: Hydrophilicity prediction of RiACS1 protein.