

PCR GENOTYPING PROTOCOL

Acsl4_tm1c

(x-chromosomal)

Date:

Samples:

PCR Mix

	Concentration	Final Concentration	μ l/reaction	
OneTaq Standard Buffer	5x	1x	4	0
dNTP Mix	2mM each	0,2mM	2	0
Acsl4_40719_F	10 μ M	0,25 μ M	0,5	0
Acsl4_40719_R	10 μ M	0,25 μ M	0,5	0
Taq	10U/ μ l	1U	0,1	0
H2O			11,9	0

DNA sample

1

PCR Programme:

94°C

2min

94°C

15sec

58°C

20sec

x35

68°C

30sec

68°C

2min

Primer sequences

Acsl4_40719_F

5'-GCC ACC AAG CCT CTA CAA CC-3'

Acsl4_40719_R

5'-GCC ACA AAT GTC CTT ACC CC-3'

Amplicon size:

455bp

wildtype

593bp

mutant

1% Gel analysis