

Genotyping protocol

General information:

Strain name	Slc44a1
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Primers:

Name	Sequence	Primer type
Fw	ACCAGAGCCACTTTGCTGTT	please select one
Rv	ACTCCCCTGGGTCCTTCAT	please select one
		please select one
		please select one

In case more than two primers are introduced, please indicate how they should be combined:

	Forward primer	Reverse primer
e.g. wt		
e.g. mut		

Reaction mix:

dNTPs 2mM	2.5	μl
Buffer Taq polymerase with MgCl 10x	2.5	μl
Slc44a1 Fw 10 μM	0.25	μl
Slc44a1 Rv 10 μM	0.25	μl
Taq Polymerase	0.25	μl
H2O	18.25	μl
DNA	1	μl
		μl
Final volume	25	μl

PCR program:

94	°C	5	min	X35
94	°C	30	sec	
58	°C	30	sec	
72	°C	90	sec	
72	°C	10	min	

Expected fragment size:

wt	534	bp
mutant	533	bp

Comments/Additonal information:

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