

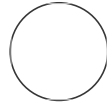


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🌐 Ai14 Genotyping

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ABSTRACT

genotyping

OPEN  ACCESS

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Protocol status: In development
We are still developing and optimizing this protocol

Created: Mar 09, 2023

Last Modified: Mar 12, 2023

PROTOCOL integer ID:
78457

1 Thaw reagent on ice for  00:10:00 minutes

10m

2 Prepare Master Mix :

13.1 uL milliQ	
2 uL 10x PCR Buffer	
0.5 Advance 2 Polymerase Mix	
0.4 uL 10 mM dNTP	
1 uL Ai14 WT Forward	
1 uL Ai14 WT Reverse	
1 uL Ai14 Mutant Forward	
1 uL Ai14 Mutan Reverse	

3 Pipette 19 μ L of Master Mix into 0.2 mL Tube

4 Lightly Vortex DNA sample for 00:00:30

30s

5 Add 1 μ L of DNA to each tube


6 Select "Ai14" PCR protocol on the thermocycler

7 Run 15 μL of PCR samples and a DNA ladder on a

1h

200 μL 1x TAE

**4 mg of
agarose**

at 120 V for  01:00:00 or until the dye is somewhat in the middle of the gel.