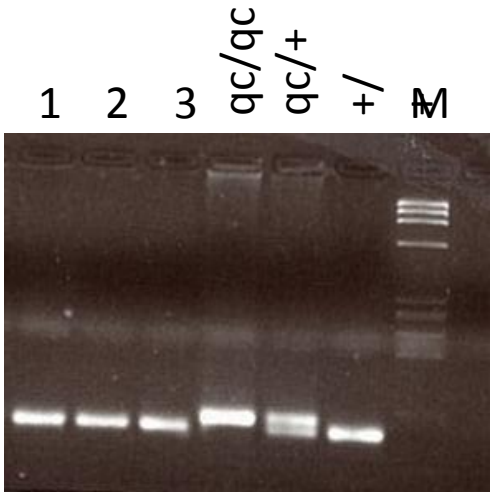


Gene symbol	<i>Lmx1a</i> ^{qc}
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primer	Sequence(5'-3')	Size	target gene	accession
Lmx1a-F Lmx1a-R	CCTTGAAGAAAATTAAACACATAG GTACCTCCTTACTCTAAGAAGTCAGC		Lmx1a	XM_222902.4
comment				

PCR condition							
Taq polymerase		Nova Taq Hot start DNA polymerase					
Thermal cycler		PC-808(ASTEC)					
PCR buffer		Ampdirect Plus					
		first denature	denature	anneal	extension	cycle	final extension
PCR	°C	94	94	55	72	35	72
	min	3	0.5	1	0.75		3
comment							

Electrocataphoresis ;4% agarose gel 300V, 30min



M: (ϕX174/Hae III digest)

Strain harboring mutation	F344.ACI- <i>Lmx1a</i> ^{qc} /Kyo
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