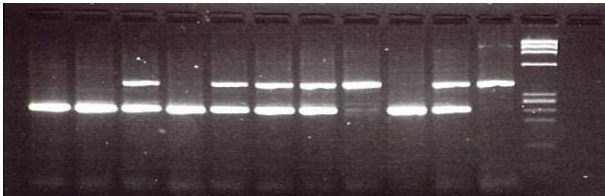


Gene symbol	<i>Lich</i>
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primer	Sequence(5'-3')	Size	target gene	accession
rLich_ex10_F rLich_ex10_Wild_R rLich_ex10_del_R	CTGGCAGACACCACTGACAT CATCGCTGGTTGTGACTCTG TGGAATTTCTGTAACCAGAA	384bp or 240bp	Lipase A	NM_0012741.1
comment				

PCR condition							
Taq polymerase		Nova Taq Hot start DNA polymerase					
Thermal cycler		PC-808(ASTEC)					
PCR buffer		Ampdirect Plus(Shimadzu Corporation, kyoto, Japan)					
		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	
1 2 3 4 5 6 7 8 Ho He WT M  Lane 1,2,4 ; Mutant Homo zygosity Lane 3,5,6,7 ; Hetero zygosity Lane 8 ; Wild Type Ho ; Mutant Homo zygosit (240bp) He ; Hetero zygosity (240bp and 384bp) WT ; Wild Type (384bp) M; size marker ϕ X174-HaeIII	
Strain harboring mutation	ALD/Hyo