

PGAM5 KO Genotyping (PCR)

Primer

PGAM5-wt-f1	5'-CTGCCTTCAGGAACTACATCCACCG-3'
PGAM5-mut-f1	5'-TTAAGGGCCAGCTCATTCTCCAC-3'
PGAM5-r1	5'-ACTTCTCTGACCAGGCTTCACCAGC-3'
	<i>WT allele</i> 172 bp
	<i>Mut allele</i> 279 bp

PCR

DNA	1 uL
5x Taq Buffer	10 uL
10 mM dNTP	1 uL
10 uM PGAM-wt-f1	1 uL
10 uM PGAM-mut-f1	1 uL
10 uM PGAM-r1	1 uL
Go Taq	0.25 uL
Milli-Q	34.75 uL
Total	50 uL

Program

94 °C 3min	
94 °C 30 sec	
55 °C 30 sec	x 35 cycles
72 °C 30 sec	
72 °C 7 min	
4 °C	