

PCR: PARP-2 wt/mut

PCR primers

PARP-2 fw: 5' GGGACTCTGGTTTGGTGCCT 3'

PARP-2 wt rev: 5' TGCTGCCGTCCCTTATTCTAAGCT 3'

PARP-2 mut rev: 5' TAAGGGCAGCTCATTCTCCCA 3'

PCR conditions

Step	Temp	Time	Note
1	95°C	2 min	
2	95°C	30 sec	
3	62°C	30 sec	
4	72°C	40 sec	repeat [2-4] 35 X
5	72°C	5 min	
6	8°C	∞	

PCR reaction

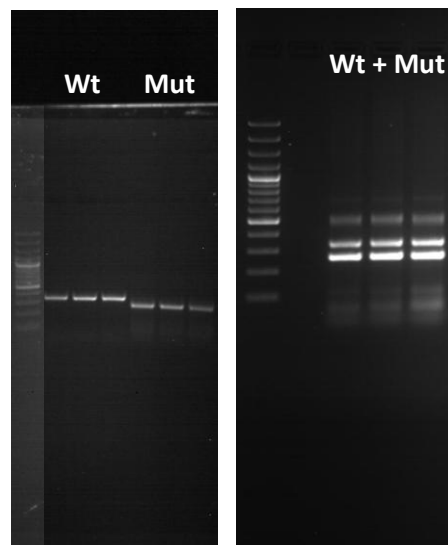
Reagent	vol(μl/rn)
QIAGEN Red	
Taq Ready Mix	5
PARP-2 fw	10 μMol
PARP-2 wt rev	10 μMol
Sample DNA	1
Rxn vol.	10

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QIAGEN Red	
Taq Ready Mix	5
PARP-2 fw	10 μMol
PARP-2 mut rev	10 μMol
Sample DNA	1
Rxn vol.	10

Gel electrophoresis:

2% Agarose gel
120-160V

Gene runner 100bp marker



Note: Combining all primers (2:1:1) produces unspecific bands.

Wt = 346kb

Mut = 269kb