



***hsp90ab1*^{ihb300/+ (AB)} (CZRC catalog ID: CZ1209)**

Nature of the mutation

4bp of "GCCT" deletion from position 51bp exon3 of the wild-type *hsp90ab1* coding sequence.

Sense Strand Sequence

gagggtattggcacaggagtgcccttgacatgaccttgaattgacaagttaaccgaggtgcatcaatacttctccacaacgtatcta
ggttctctgtctttgcagGCTGGTGCAGATATTTCCATGATTGGGCAGTTTGGTGTGGCTTC
TACTCCGCCTACCTGGTGGCCGAAAAAGTCACAGTCATCACCAAACACAACGATG
ATGAGCAGTACGCCTGGGAGTCATCCGCTGGTGGCTCTTTCACAGTCAAGGTGGA
CCATGgtaaagttaaaaactccttaagtacagaagtcaaaagttagttcacctcaaagtaaagtcttcatttggtcatgaagaat
ttgaaaaagcagccaaaggcatgcatagtaggaacaaaaatatacaagcaagtcaacggc

Uppercase: Exon/coding sequence

Lowercase: intron/noncoding sequence

atcg: Forward/Reverse primer

atcg: Crisper/cas9 target site

Genotyping assay

Primers:

CZ1209_forward: 5'- gagggtattggcacaggag-3'

CZ1209_reverse: 5'- gccgttgacttgcttggat-3'

PCR program:

95°C	5min	}	30 cycles
95°C	30sec		
58°C	30sec		
72°C	30sec		
95°C	10min		
4°C	hold		

Product size: 416p

