

CZ312:*foxa3*^{*ihb163/+*}

Nature of the mutation

The *ihb163* allele contains a deletion from 11bp deletion of the *foxa3* sequence.

Genotyping assay

Genotyping of the *ihb163* allele is based on the sequencing assay.

Primers:

F: 5' TCTCAACAGCAGCCCATTATCC 3'

R: 5' GGCATCTCCTTAGTCCGGTTAAGT 3'

PCR program:

1. 94°C for 3 min
2. 94°C for 30 sec
3. 57°C for 30 sec
4. 72°C for 50 sec
5. Go to step 2 (above) for 29 cycles
6. 72°C for 5 min
7. 12.0°C hold

Product size: 213bp.

Sequence map:

