Table 1. Clinical characteristics of DDH patients

Characteristics Tonnis I/II Tonnis III Tonnis IV Total

Gender

 Male 8 11 11 30

 Female 16 37 72 125

Age (years)

 2-3.5 7 19 24 50

 3.5-5 8 17 29 54

 5.5-6 9 12 30 51

DDH side

 Left 12 23 28 63

 Right 6 8 8 22

Bilateral 6 17 47 70

Total 24 48 83 155

Table 2. Primers used for amplifiation of target genes and β-actin

F-Sequence(5’-3’) R-Sequenc (5’-3’)

Collagen I GGGAACATCCTCCTTCAACAG GGAGCTGGCTACTTCTCGC

Collagen III CAGATCACGTCATCGCACAAC GAGGGCCAAGACGAAGACATC

β-actin CCTCGCCTTTGCCGATCC GGATCTTCATGAGGTAGTCAGTC