

Supplementary Table 1

Association of *Cdh23*^{753G/A} allele status with AHL

Locus	AHL ⁺	AHL ⁻	X ²	<i>p</i>	map position
<i>D10Ntra57(T)</i>	31	19	1.44	0.23	60 021 029
<i>D10Ntra42(C)</i>	31	19	1.44	0.23	60 096 260
<i>Cdh23</i> ^{10497del11}	29	25	0.03	0.86	60 304 502
<i>Cdh23</i> ^{INS7+117A}	31	21	0.64	0.42	60 534 518
<i>Cdh23</i> ^{753A}	27	3	18.14	2.0x10 ⁻⁰⁵	60 534 635
<i>Cdh23</i> ^{685A}	31	16	3.24	0.072	60 534 703
<i>D10Ntra46(TG)</i>	31	17	2.56	0.10	60 650 426
<i>D10Ntra48(A)</i>	31	19	1.44	0.23	60 710 973

Marker allele frequency in 31 AHL-positive (AHL⁺) and 25 AHL-negative (AHL⁻) strains, *p* value of associated test statistic and location in Mb on chromosome 10.