

Table S6. Primers and probes used in the different experiments.

	Forward primer 5'-3'	Reverse primer 5'-3'	T _m (C°)
Mutation screening			
Chr13: 23,055,753 (SNP)	GGTGAAGGAAACCCCTTCC	TGGGGCATACTAAACTCCCA	55
Chr13: 23,348,686 (SNP)	GCATCGCTTCTCTCCATCTC	GCTCACTGATGCTGCTCAAC	55
Chr13: 23,379,995 (SNP)	TCACTAATCTGGCCCTCGAC	GGGTAATGCTTCCCAGAGGT	57
Chr13: 23,478,618 (SNP)	GGTGACGTCTGGATTGGATT	ACTTCCCACCTTTGCCTACC	60
Chr13: 23,504,114 (deletion)	AACGGAAGCACTGAATCAAA	GCAAATCCAAGCCCTATTCA	59
Chr13: 23,516,499 (SNP)	GGTTTGCTCTGACAGCTTCC	TGCTCAAATGACCACATTTTT	56
Chr13: 24,110,400 (SNP)	CAAATGTGCTGATGGAACG	AACTGCAGCCACATGTGAAG	60
Chr13: 24,301,818 (SNP)	CTTACCTTCCCAGACTGCTCA	TCCTCTCTAACTTAAAACCGGT	55
Chr13: 24,344,851 (SNP)	GCAGGGCATTTTTGAGGTAG	GAATAGCCCTGTGGGGTGT	60
Chr13: 24,399,299 (SNP)	TCACTCCTGCTCACATCTGG	TCTCGACAGACACCGTTTCA	60
Identification of duplication breakpoints			
Meatmouth duplication	GCTCAGAGTGCATAGGTCTC AAGGA	TTTTGGGGTTTTGTTGCTATTGTTGT	65
Traditional duplication	ACTACGTTGATGGCCTCTG	GGGAGCCATACAAGCAAAA	60
Southern Blot			
Probe	TAGATCATGCCTTGCTACCTGAAAGTTGGAATAATGCAAACCTTATTCCTTTAAATAAA GACTATTCATTACAAGTAATTTTTTAAACTTGACAATGGTTTGATGTTAGAATGCTT TTAATTTCAAGTAAATCCATCCAACAGTGGCTGAAACAAATAAGGGATTGCTTTTTTG TGCCTGTCTCTTCAAATTACAAGGCATCTGGAGAGAGCTAGCTACTGGCAGTGGTT CAACAGCTCAGCTGCATCAGGTGACTGTCAGATCTTCTCAGCTTTTACTTACATAT ATACAAGGTGAATTGCAAACCTTAGGCATCATACCCATGGATTTTAAGGCAGAAGGAA AGAGCAGTAGCTTCGGGGTACTCTTAAAGCAAACGCTTTCAAAAAGCCTGCTGCT TATGTTTCATTTGTCTAGTGCTGTGTTAAAAAGCTATCCTTGGATAAAAGGGAGGCT GGGGAGATCCTAAAAATCCCTAGGCATTGTAATGAAATACCTAAAGGAAATAAAGT GCTCTACAGACTGCCTAATAGATAATAAGACTGCCAAAAGAGGCGTTATAAAACCAA AAATAACAACAATAGCAACAAAACCCCAAAAAACAAAAACTGTACTCAGGATTTTCA GTTGTATGGTAGCAATATCTTTTATTGTATCACCATGAAAATTAATAAAACAATTTT AGAAAAATTTATTGAGCTCTTACAGATATCAGGTAGCCTTGGCTTTGGAGACAAGTT AGAATAGTACAGAGTCTTATTACAGAGCTCACTTTCTAATAGGGAAACTGAGTGT AAATCAATAGATTCAAGAATTGATAAATCCAGGAAGAAGACAGAAGTAGGTTAAATT GAAGAAAGGGATTTATGGTTGCCAGGGAGAGTGTTGGGTAACAATGGTTAGG		
Quantitative PCR, Copy Number Assay			
Meatmouth copy assay-primers	TTATGTTTTGCTGCCCTAGTC AGA	ACCTGGCACCTGAGCAACTT	56
Meatmouth copy assay-probe	FAM-CTGCTGAAAAGACACATGT-MGBNFQ		
Traditional copy assay-primers	TGCAGTTGTCATGTCGCAA	TGGAGTGATTCGTTGGTTTCT	56
Traditional copy assay-probe	FAM-ACACCACGTGACTTGT-MGB		
Housekeeping gene-primers	TTGTGCAGGATCAGAGCATC	CAACACAGGTTGACCAAGGA	55
Housekeeping gene-probe	VIC- TGCCATTTGTGTGCATCCCA-TAMRA		
Expression study			
Houskeeping gene	CCGCGACGAGAAGGTCAA	GGGTCATCCAGGTACCCTTTG	
HAS2	CTTCAGAGCACTGGGACGAAGT	TCTAAAACCTTCCACATCTCCACAGA	
HAS2as	ACTGGGTGGGTAATCTTTCCA	GGAGGCAGAAAGCAACAACAG	

