

Article	Differential expression of the <i>HvCslF6</i> gene late in grain development may explain quantitative differences in (1,3;1,4)- β -glucan concentration in barley
Journal	Molecular Breeding
Authors	Sie Chuong Wong, Rachel A Burton, Neil J Shirley, Alan Little, Julian Schwerdt, Kelvin H.P. Khoo, Geoffrey B Fincher and Diane E. Mather
Corresponding author	Diane E. Mather (diane.mather@adelaide.edu.au) School of Agriculture, Food and Wine and ARC Centre of Excellence in Plant Cell Walls, Waite Research Institute, University of Adelaide

Online Resource 4 KASP™ marker assays designed to detect six DNA polymorphisms within the *HvCslF6* gene of barley

Table S4 KASP™ marker assays designed to detect six DNA polymorphisms within the *HvCslF6* gene of barley

Marker	Polymorphism ^a	Region	Primers	Primer sequences
<i>wri51</i>	558 (SNP4)	Intron 1	wri51_F1 wri51_F2 wri51_R	GAAGGTGACCAAGTTCATGCTGGTCGGTGTTAATCAGAGTAATTATTG GAAGGTCGGAGTCAACGGATTAGGTCGGTGTTAATCAGAGTAATTATTA GTGCACCTGTCTCGGATTACTCAA
<i>wri52</i>	1137-1150 (indel2)	Intron 1	wri52_F1 wri52_F2 wri52_R	GAAGGTGACCAAGTTCATGCTAAAAGAGAAAAATATTATCATGTCATGTCATGA GAAGGTCGGAGTCAACGGATTAGAGAAAAATATTATCATGTCATGTCATGC ATTTCGAGCGGTGGCAACACTTCTTT
<i>wri53</i>	1398 (SNP12)	Intron 1	wri53_F1 wri53_F2 wri53_R	GAAGGTGACCAAGTTCATGCTTCTACCGTAATCATTACTACTTTC GAAGGTCGGAGTCAACGGATTCTTCTACCGTAATCATTACTACTTTT GTGTACTCTCTGTATCTAAATAATTATAAT
<i>wri54</i>	1656 (SNP14)	Intron 1	wri54_F1 wri54_F2 wri54_R	GAAGGTGACCAAGTTCATGCTGCCAAGTGTGCCAGCC GAAGGTCGGAGTCAACGGATTTGCTGCCAAGTGTGCCAGCT CAAGGAGAGAGCTGGCAAGTCAAT
<i>wri55</i>	3262 (SNP 21)	Intron 2	wri55_F1 wri55_F2 wri55_F3	GAAGGTGACCAAGTTCATGCTGAGTAGGAGTAATGCAGATTTACTATTG GAAGGTCGGAGTCAACGGATTGGAGTAGGAGTAATGCAGATTTACTATTA CAAGGTTCTGTAATTGTGCTTCCTTCTTT
<i>wri56</i>	4064 (SNP23) ^b	Exon 3	wri56_F1 wri56_F2 wri56_R	GAAGGTGACCAAGTTCATGCTCCCTCAGCCGCCGCGGT GAAGGTCGGAGTCAACGGATTCTCAGCCGCCGCGGC CGTCGCACCCGTCGCCCTA

^a Nucleotide position and SNP or indel designation from Taketa et al. (2011)

^b This SNP causes an alanine-threonine substitution at position 590 of the translated protein