

Table S5: qPCR validation of peak finding softwares

		H3K56 peak identification					
Gene		Forward primer (5' → 3')	Reverse primer (5' → 3')	qPCR	CCAT	FindPeaks	SISSRS
<i>DREB1</i>	MLOC_66686	CTTTGTCCTATCCCTTGTC	CAATCCCATTGACGCATAA	-++	--+	---	---
<i>HKT1</i>	MLOC_13204	GAGTGACGGAGGGAAGTTTG	CAATTTGGTACATTTGCCTTTC	--+	-++	--+	---
<i>HVA</i>	MLOC_59546	TGGGGACTGGATAAGAAACTG	AGCCAATTAACAGATGGGAAAT	-++	--+	---	---
<i>HVP10</i>	MLOC_36965	GGATTGCCGAGTTACCTAC	TACCAACGAGGGAGGACATC	---	-+-	-+-	---
<i>NHX1</i>	MLOC_4602	GCATATTGACAAAGCCTTGAT	GAGGAGAGTGCAGGGACTTC	+--	-+-	---	---
<i>RAF</i>	MLOC_13305	CCCGAGCTGATGGAGTTTT	CGTCCCCACAGAAGAGTC	+--+	+++	+--	-+-
<i>SOS1</i>	MLOC_36509	CAAGGATTTGCTCCCTCAG	ATGCCCGAGTTCAATTTCTT	---	---	---	---
<i>SOS2</i>	MLOC_67101	GAAGTGGGACGACGACAAC	CTCGAACAGCCCCGATAG	+++	+++	++-	---

Accuracy 70% 63% 48%