

Additional table 1 Primer pairs sequences for housekeeping and target genes

Gene	Forward Primer	Reverse primer	Product length (bp)	Melt peak (°C)
<i>CDC</i>	CAAATACGCCATCAGGGAGAACATC	CGCTGCCGAAACCACGAGAC	227	86.5
<i>RLI</i>	CGATTCAGAGCAGCGTATTGTTG	AGTTGGTCGGGTCTCTCTAAATG	242	80.0
<i>ADP-RF</i>	GACCACCATCCTCTACAAG	AGCAGCACAGCATCAC	276	84.5
<i>WheatPME1</i>	TACTTGGGGATGAACTGCTC	GAGATCGGCGCCTTCATC	150	80.0
<i>βTUB2</i>	TGCTGTTCTGGTCGATCTTG	CCCTGAAGGTGGTCACAGTT	170	82.0