

Table 1 Suppl. Primer sequences (forward/reverse) and amplicon characteristics of nine selected candidate reference genes. Details of the candidate reference genes of cultivated oat and their primer sequences used for validation. Amplification efficiency of each pair of primers, correlation coefficients (R^2) of the standard curve, and melting temperature (T_m) are also indicated.

Gene	Accession number	Primer sequence (5'-3')	Amplicon Length [bp]	T_m [°C]	Efficiency [%]	R^2
<i>ACT</i>	MH260250	CGAGGCGCCCTCAAC/ TCGAACATGATCTGGGTCATCT	57	83	115	0.9968
<i>GAPDH</i>	MH260251	TGCTGGTGCTGACTACGTTGT/ TGCGGCCTTGTCCTTGTC	61	82	105	0.9962
<i>UBQ</i>	MH260252	GGTGGGCAGTAAGGAGCT/ TCACACTAACAAGGCAGG	98	86	91	0.9870
<i>EF1α</i>	MH260253	GGTGGTTTTGAGGCTGGC/ GTACTTGGGGGTGGTGGC	126	89	91	0.9945
<i>TUA</i>	MH260254	CCGCCGCTCCCTTGATAT/ GACCTGAGATACAAGCCTGTTGAG	64	83	92	0.9921
<i>TUB</i>	MH260255	TCTTGCCACGGAACATAGCA/ GCTGACCCAAGGCATGGT	55	83	110	0.9988
<i>CYP</i>	MH260256	CAAGGCCATCGAGAAGGT/ CGACAGGGGGGGTAATAC	136	93	113	0.9991
<i>PP2A</i>	MH260257	AAGAGGTCCCACACGAAGGA/ TCGGTCATCCGGGTCAGA	59	82	108	0.9990
<i>TBP</i>	MH260258	CGAATCCGATGGTGAAATGG/ CGAATCTTCCGCCAACCT	63	84	102	0.9993

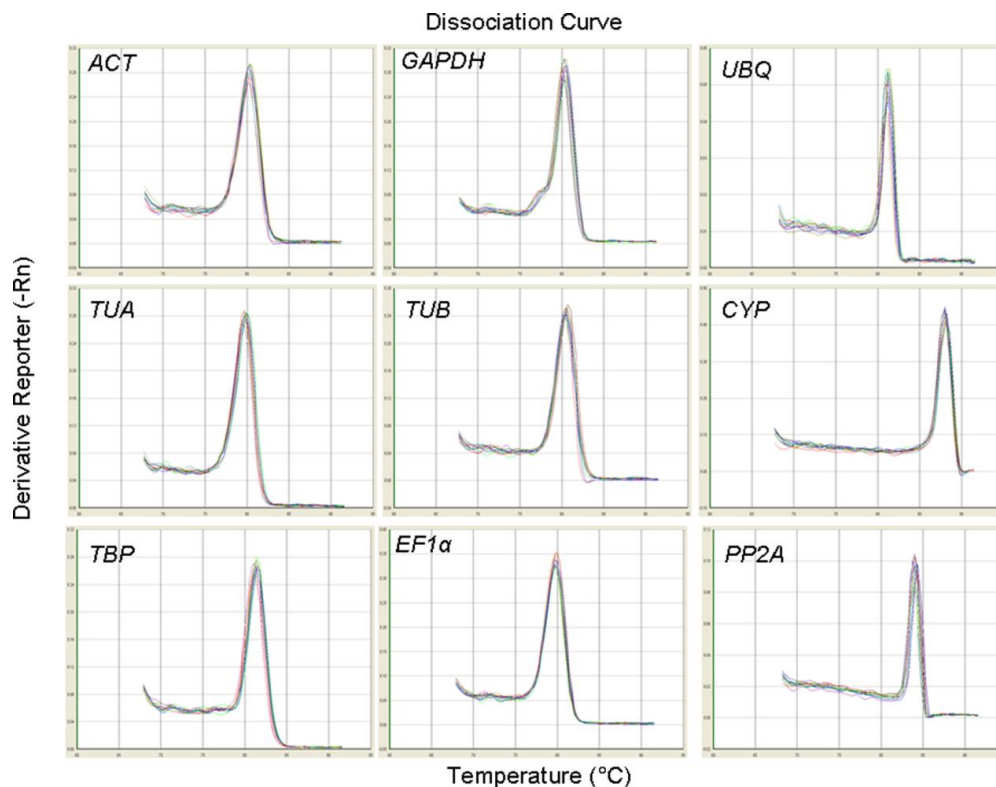


Fig. 1 Suppl. Specificity of real time quantitative PCR amplification. Verification of amplification specificity indicated by single peaks in dissociation curves of nine candidate reference genes. Each peak consists of three technical replicates for each cDNA from different tissues and different stages in the response of cultivated oat to salt stress.

