

Supplementary Material

New iron-deficiency response and differential expression of iron homeostasis related genes in spring wheat (*Triticum aestivum*) mutant lines with increased grain iron content

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Supplementary Table S1. List of primers used in the study. The table enlists the primer sequences, primer efficiency, for the tested genes. The GenBank ID corresponding to the studied wheat homologs are mentioned.

Nr	Genes	Unigene ID	GenBank Id	Forward primer	Reverse primer	Primer efficiency
1	<i>SAMS</i>	Ta.69768	Hp612105.1	g'gcacgatctctcgtagt	gtcatggctttggcgaga	2
2	<i>NASI</i>	Ta.37977	Gaef0103074 84.1	ttcttggtcagaggcacac	tctagcgttcagaggcac ac	1.83
3	<i>TaNAAT2-B</i>	Ta.4977	Bt009504.1	gaccatttagccaaggttgc	tacctcgtcagcaatcacc a	1.85
4	<i>TADMASI-A</i>	Ta.5335	Ab269908.1	caccgtcaatcaggtggag	cctctgcagaactccctca	1.88
5	<i>TOM</i>	Ta.5180	Jp874085.1	tggagaatgcaatgatagtttt	agatgtttgcctcgtgtt	1.86
6	<i>TaYSLA</i>	Ta.48303	Hp631418	tgcattggaaccaagataaaca ag	acatatcaaagcggatgc aa	2
7	<i>NRAMP</i>	Ta.13247	Ak334756.1	tggaaaggagcttctgatcg	gcctgcttgatggtctttg	2
8	<i>VIT2</i>	Ta.13840	Os09g039690 0	ggcctcggagggtatctg	acagtatgtccgcgatctc c	1.86
9	<i>TaFer1-D</i>	Ta.5220	Hp635522.1	gagtgtggcacttcgatcag	cgtagtcgtcgtcgtgtcc ttca	2
10	<i>bHLH</i>	Ta34545	Cd872522.1	ggctaggtagctacgttccatc	tgatccatcacaggcagtt g	2