

10.1071/CP18517_AC

© CSIRO 2019

Supplementary Material: *Crop & Pasture Science*, 2019, 70, 204–210.

Altered sucrose metabolism and gene regulation in wheat (*Triticum aestivum*) K-type cytoplasmic male sterility

Qingsong Ba^{A,B,D}, *Lanlan Zhang*^A, *Guiping Li*^A, *Gaisheng Zhang*^B, *Hongzhan Liu*^C and *Zhaolin Fu*^A

^ASchool of Life Science, Huaibei Normal University, Key Laboratory of Plant Resources and Biology of Anhui Province, Huaibei, 235000 Anhui, P.R. China.

^BKey Laboratory of Crop Heterosis of Shaanxi Province, Northwest A&F University, Yangling, 712100 Shaanxi, P.R. China.

^CZhoukou Normal University, Zhoukou, 466001 Henan, P.R. China.

^DCorresponding author. Email: baqs1234@163.com

Supplementary Table S1. Target genes for analysis of expression profiles

| Gene name | Genebank ID | Primer sequence (5'-3') | cDNA (bp) | Annealing temperature |
|----------------|-------------|------------------------------------------------------|-----------|-----------------------|
| <i>18S</i> | AY049040 | [F]AGTAAGCGCGAGTCATCAGCT [R]CATTCAATCGGTAGGAGCGAC | 80 | 57 |
| <i>TaSUT1A</i> | AF408842 | [F] GTGCTCTGATGGCTGATT [R] GAGGAACGGAAACCACTT | 140 | 60 |
| <i>IVR1</i> | AF030420 | [F] TCGCCCTCAGGACATTG [R] CCAGACGCTTGTTTCATCG | 204 | 58 |
| <i>IVR5</i> | AF069309 | [F] TTCACTGTGCCTGTGCTCG [R] TCCGTCGGATACACCCTC | 123 | 58 |

F, forward primer; R, reverse primer. Primer reference