

Additional file 3 – RT-PCR primers used for measuring homoeologous gene expression in *G. hirsutum*

Primer name	Gene target	Sequence (5' to 3')
<i>FAD3-1 primers</i>		
S1F	GhiFAD3-1A	GTGGTTTTCTTGTGTATTTATCCTC
S2R	GhiFAD3-1A	CATGCGGATTTGGGAGGA
S40F	GhiFAD3-1D	CCATGTTTTGGGCTC
S41R	GhiFAD3-1D	TCGTATCCGTGGTGG
<i>FAD3-2 primers</i>		
S5F	GhiFAD3-2.1A	GAACCACGGAAATGTCGAAAAT
S6R	GhiFAD3-2.1A	GCAACTTAAACAGGTTTAGATCAGTCC
S9F	GhiFAD3-2.2A	CTCCTCAATTCCGGATTGCC
S10R	GhiFAD3-2.2A	GTAAATATTCTCAGGCAACGGC
S44F	GhiFAD3-2.1D	TGAAAAGGGAGTATGCC
S45R	GhiFAD3-2.1D	TAAACAAGTTGCTGTAAGGA
<i>FAD7/8-1 primers</i>		
S32F	GhiFAD7/8-1A	ATTTGTTTGTCCCGACCGAAC
S33R	GhiFAD7/8-1A	CCGGCTCTCGATAGTATTTTCG
S34F	GhiFAD7/8-1D	GTCCCGACTGAAAGAAAAGATGTG
S35R	GhiFAD7/8-1D	CAACATCCCCAGTGTCACTAACATAG
<i>FAD7/8-2 primers</i>		
S15F	GhiFAD7/8-2A	GGCTTGCTTGCCATATTTGTCG
S16R	GhiFAD7/8-2A	GTAATAAAAATGGTAAAGGCCCG
S13F	GhiFAD7/8-2D	AGATAAAGGTAAAGAAGAGAGCACCCAC
S37R	GhiFAD7/8-2D	ATCCCGATCAAGCGTCGTC
<i>FAD7/8-3 primers</i>		
S17F	GhiFAD7/8-3A	TTGGATAACAATGAACTAACATGGCT
S18R	GhiFAD7/8-3A	GATGAGGTGAAAAGGTAGAGGTCTC
S21F	GhiFAD7/8-3D	TTGGAGAGCAAGAAGAAGAGACAAT
S23R	GhiFAD7/8-3D	TGATGCATGTATGTTACAAAATCCAA