

Supplementary Table VII. Transcripts encoding chloroplast regulators are preferentially abundant in either mesophyll or bundle sheath cells of *Sorghum bicolor*. qPCR data represent mean $\Delta\Delta C_t$ values for three biological replicates and the standard deviation is shown. Syntenic relationships are derived from Schnable et al. (2012).

	Sorghum ID	Syntenic		Cell preference		M	BS	Fold change $\frac{BS}{M}$
		<i>Setaria</i>	Maize	<i>Setaria</i> & maize	Sorghum			
Transcriptional regulators								
Unnamed	Sb08g001890	Yes	Yes	M	M	29.9004±7.3010	6.4865±1.3048	0.2169
<i>IDD5</i>	Sb02g032400	Yes	Yes	M	M	0.0188±0.0049	0.0012±0.0003	0.0659
<i>IDD5</i>	Sb07g024550	Yes	Yes	M	M	0.0423±0.0100	0.0023±0.0003	0.0533
<i>PTAC12</i>	Sb03g035780	Yes	Yes	M	BS	0.0193±0.0081	0.0236±0.0151	1.2219
Unnamed	Sb01g007490	Yes	Yes	M	M	0.2794±0.0912	0.2217±0.1284	0.7937
<i>TCP4</i>	Sb03g034918	Yes	Yes	BS	BS	0.0186±0.0060	0.0541±0.0140	2.9092
Unnamed	Sb03g035350	Yes	Yes	BS	BS	0.0308±0.0086	0.0503±0.0054	1.6309
<i>GLK2</i>	Sb03g000400	Yes	Yes	BS	BS	0.0123±0.0037	0.0533±0.0283	4.3265
RNA binding proteins								
Unnamed	Sb06g026990	Yes	Yes	M	M	3.1165±0.7646	0.5160±0.1824	0.1656
<i>ORMM1</i>	Sb04g028980	Yes	Yes	M	M	0.0313±0.0208	0.0229±0.0131	0.7312
Unnamed	Sb01g001480	Yes	Yes	M	BS	0.2372±0.0652	0.5037±0.2693	2.1234