

**Supplementary Table VI.** Transcriptional regulators and RNA-binding proteins implicated in chloroplast function in mesophyll (M) and bundle sheath (BS) cells of *S. viridis* and maize. Syntenic relationships are derived from Schnable et al. (2012).

Gene	<i>Setaria</i> ID	Maize ID	Syntenic	Genes per family - <i>Setaria</i>	Genes per family - maize
Unnamed	Si026826m.g	GRMZM2G177895	No	2	1
	Si011021m.g		Yes	2	1
<i>IDD5</i>	Si016736m.g	GRMZM2G129261	No	25	37
	Si009633m.g		Yes	25	37
<i>IDD5</i>	Si029540m.g	GRMZM2G042666	Yes	25	37
<i>IDD5</i>	Si013546m.g	GRMZM2G179677	Yes	25	37
<i>GLK1</i>	Si006400m.g	GRMZM2G026833	No	19	29
<i>PTAC12</i>	Si000722m.g	GRMZM5G897926	Yes	2	1
<i>SIG2</i>	Si026193m.g	GRMZM2G143392	Yes	6	9
Unnamed	Si034188m.g	GRMZM2G089696	Yes	2	1
<i>TCP4</i>	Si004293m.g	GRMZM2G148022	Yes	10	17
Unnamed	Si002496m.g	GRMZM2G166946	Yes	10	17
<i>GLK2</i>	Si001336m.g	GRMZM2G087804	Yes	19	29
<i>MFP1</i>	Si000389m.g	GRMZM2G142413	Yes	2	1
Unnamed	Si010801m.g	GRMZM2G090271	Yes	12	11
<i>ORRM1</i>	Si017445m.g	GRMZM5G899787	Yes	14	18
Unnamed	Si036195m.g	GRMZM2G016084	Yes	2	1
<i>CRB</i>	Si022373m.g	GRMZM2G165655	No	2	2