

Table S1. List of sequences used in this study.

Gene	Nucleotide accession number	Protein accession number	Species name
<i>SSI</i>	FN179374.1	CAX51357.1	<i>Hordeum vulgare</i>
<i>SSII</i>	AY133249.1	AAN28309.1	<i>Hordeum vulgare</i>
<i>SSIIIa</i>	FN179377.1	CAX51360.1	<i>Hordeum vulgare</i>
<i>SSIIIb</i>	FN179378.1	CAX51361.1	<i>Hordeum vulgare</i>
<i>SSIV</i>	FN179379.1	CAX51362.1	<i>Hordeum vulgare</i>
<i>SSI</i>	AY299404.1	AAP56350.1	<i>Oryza sativa</i>
<i>SSIIa</i>	AB115917.1	BAD90593.1	<i>Oryza sativa</i>
<i>SSIIb</i>	AF395537.1	AAK81729.1	<i>Oryza sativa</i>
<i>SSIIc</i>	NM_001071213.1	NP_001064678.1	<i>Oryza sativa</i>
<i>SSIIIa</i>	AF432915.1	AAL40942.1	<i>Oryza sativa</i>
<i>SSIIIb</i>	AY100469.1	AAM49811.1	<i>Oryza sativa</i>
<i>SSIVa</i>	AY373257.1	AAQ82622.1	<i>Oryza sativa</i>
<i>SSIVb</i>	AY373258.1	AAQ82623.1	<i>Oryza sativa</i>
<i>SSV</i>	EU621837.1	ACC78131.1	<i>Oryza sativa</i>
<i>SSIIIa</i>	EU620720.1	ACC86846.1	<i>Sorghum bicolor</i>
<i>SSIIIb</i>	EU620721.1	ACC86847.1	<i>Sorghum bicolor</i>
<i>SSIV</i>	XM_002440083.1	XP_002440128.1	<i>Sorghum bicolor</i>
<i>SSV</i>	KP192926	KP192926	<i>Sorghum bicolor</i>
<i>SSI</i>	AF091803.1	AAD54661.1	<i>Triticum aestivum</i>
<i>SSII</i>	AF155217.2	AAD53263.1	<i>Triticum aestivum</i>
<i>SSIIIa</i>	AF258608.1	AAF87999.1	<i>Triticum aestivum</i>
<i>SSIIIb</i>	EU333946.2	ABY56823.2	<i>Triticum aestivum</i>
<i>SSIV</i>	AY044844.1	AAK97773.1	<i>Triticum aestivum</i>
<i>SSI</i>	AF036891.2	AAB99957.2	<i>Zea mays</i>
<i>SSIIa</i>	AF019296.1	AAD13341.1	<i>Zea mays</i>
<i>SSIIb</i>	AF019297.1	AAD13342.1	<i>Zea mays</i>
<i>SSIIc</i>	NM_001114648.1	NP_001108120.1	<i>Zea mays</i>
<i>SSIIIa</i>	NM_001111411.1	NP_001104881.1	<i>Zea mays</i>
<i>SSIIIb</i>	NM_001112545.1	NP_001106015.1	<i>Zea mays</i>
<i>SSIV</i>	EU599036.1	ACC63897.1	<i>Zea mays</i>
<i>SSV</i>	NM_001130131.1	NP_001123603.1	<i>Zea mays</i>