

Table S4. Interchromosomal relationships of remorin genes in sorghum, rice and maize, respectively

Type	Locus 1	Locus 2	Ka	Ks	Ka/Ks	T(MYA)	Duplication
<i>Sorghum bicolor</i>	EER93970	KXG31130	0.520787	2.48211	0.209817	136.4	Liliopsida
<i>Sorghum bicolor</i>	KXG31130	EES12557	0.212048	0.808937	0.262132	44.4	Poaceae
<i>Sorghum bicolor</i>	KXG35763	EES07582	0.970234	1.10012	0.881932	60.4	Poaceae
<i>Sorghum bicolor</i>	EES07582	KXG25311	1.01134	0.959819	1.05368	52.7	Poaceae
<i>Sorghum bicolor</i>	KXG35763	KXG25311	0.338003	0.872887	0.387224	48.0	Poaceae
<i>Oryza sativ</i>	Os03t0808300-01	Os07t0208600-01	0.942694	1.16897	0.806429	64.2	Poaceae
<i>Oryza sativ</i>	Os08t0471800-01	Os02t0767000-01	0.485786	2.48228	0.195702	136.4	Liliopsida
<i>Oryza sativ</i>	Os09t0456100-01	Os02t0767000-01	1.01168	0.96291	1.05065	52.9	Poaceae
<i>Oryza sativ</i>	Os09t0456100-01	Os08t0471800-01	0.289463	0.874914	0.330848	48.1	Poaceae
<i>Oryza sativ</i>	Os04t0533300-01	Os02t0642200-01	0.252149	0.9462	0.266486	52.0	Poaceae
<i>Zea mays</i>	Zm00001d017386	Zm00001d002842	0.261483	0.909745	0.287425	50.0	Poaceae
<i>Zea mays</i>	Zm00001d002842	Zm00001d025932	0.141211	0.199903	0.7064	11.0	Panicoideae
<i>Zea mays</i>	Zm00001d005881	Zm00001d020708	1.00226	0.992416	1.00991	54.5	Poaceae
<i>Zea mays</i>	Zm00001d050017	Zm00001d005881	0.303158	1.34623	0.22519	74.0	Poaceae
<i>Zea mays</i>	Zm00001d006626	Zm00001d021839	0.87377	1.38011	0.633118	75.8	Poaceae
<i>Zea mays</i>	Zm00001d017386	Zm00001d025932	0.303089	0.768333	0.394476	42.2	Poaceae
<i>Zea mays</i>	Zm00001d050017	Zm00001d020708	0.342283	1.23852	0.276365	68.1	Poaceae
<i>Zea mays</i>	Zm00001d048481	Zm00001d027403	0.0577293	0.228331	0.252832	12.5	Panicoideae
<i>Zea mays</i>	Zm00001d048109	Zm00001d028185	0.102406	0.224617	0.455915	12.3	Panicoideae
<i>Setaria italica</i>	<i>SiREM4</i>	<i>SiREM12</i>	0.132978	2.04802	0.06493	112.5	Liliopsida
<i>Setaria italica</i>	<i>SiREM6</i>	<i>SiREM8</i>	0.441515	2.75618	0.160191	151.45	Liliopsida
<i>Setaria italica</i>	<i>SiREM6</i>	<i>SiREM11</i>	0.453362	2.44102	0.185727	134.12	Liliopsida
<i>Setaria italica</i>	<i>SiREM19</i>	<i>SiREM18</i>	0.340693	1.42084	0.239782	78.1	Poaceae
<i>Setaria italica</i>	<i>SiREM8</i>	<i>SiREM11</i>	1.00017	0.999488	1.00069	54.9	Poaceae