

**Table S4.** Overlapped records from PlanTE-MIR DB remapped in Ensembl Plants (EP) genomes.

Species	PlanTE-MIR DB (Overlaps)	EP (miRs)	EP (TEs)	EP (Overlaps)
<i>A. trichopoda</i>	<b>22</b>	21	22	<b>21</b>
<i>B. distachyon</i>	<b>2</b>	2	2	<b>2</b>
<i>G. max</i>	<b>4</b>	4	4	<b>4</b>
<i>M. truncatula</i>	<b>20</b>	20	20	<b>22</b>
<i>O. sativa</i>	<b>56</b>	56	57	<b>48</b>
<i>P. patens</i>	<b>1</b>	1	1	<b>1</b>
<i>P. trichocarpa</i>	<b>10</b>	10	10	<b>10</b>
<i>S. bicolor</i>	<b>35</b>	34	35	<b>33</b>
<i>S. tuberosum</i>	<b>1</b>	1	1	<b>2</b>
<i>V. vinifera</i>	<b>1</b>	1	1	<b>1</b>