Table 3 Peptide prediction of members of the BRI1 protein family

<table>
<thead>
<tr>
<th>Name</th>
<th>Chloroplast signal peptide</th>
<th>Mitochondrion signal peptide</th>
<th>Signal peptide</th>
<th>Other</th>
<th>Location</th>
<th>RC</th>
<th>TP len</th>
</tr>
</thead>
<tbody>
<tr>
<td>AhBRI1</td>
<td>0.009</td>
<td>0.025</td>
<td>0.961</td>
<td>0.049</td>
<td>S</td>
<td>1</td>
<td>21</td>
</tr>
<tr>
<td>AhBRL1</td>
<td>0.961</td>
<td>0.024</td>
<td>0.004</td>
<td>0.078</td>
<td>C</td>
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<tr>
<td>AhBRL2</td>
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<td>0.153</td>
<td>0.751</td>
<td>0.256</td>
<td>S</td>
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<tr>
<td>AtBRI1</td>
<td>0.005</td>
<td>0.097</td>
<td>0.960</td>
<td>0.009</td>
<td>S</td>
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<td>31</td>
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<tr>
<td>AtBRL1</td>
<td>0.006</td>
<td>0.042</td>
<td>0.950</td>
<td>0.034</td>
<td>S</td>
<td>1</td>
<td>21</td>
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<tr>
<td>AtBRL2</td>
<td>0.213</td>
<td>0.596</td>
<td>0.003</td>
<td>0.042</td>
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<tr>
<td>AtBRL3</td>
<td>0.007</td>
<td>0.152</td>
<td>0.887</td>
<td>0.017</td>
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<tr>
<td>MnBRL1</td>
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<td>0.020</td>
<td>0.845</td>
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<td>27</td>
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<td>0.027</td>
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<td>PtBRL3_1</td>
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<td>0.010</td>
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<td>0.012</td>
<td>*</td>
<td>2</td>
<td>-</td>
</tr>
</tbody>
</table>

Note: "*" Indicates that it is currently unknown; '-' indicates that no peptide cleavage site has been found; 'S' Indicates the secreting pathway signal peptide; 'C' Indicates chloroplast transit peptide; 'Reliability' value is smaller, the more reliable