

Supplementary information, Table S2 Nonsynonymous mutations in the mapping region of each *som*

ID	Chromosome	Position	Mutation	Gene ID	Gene name
<i>som410</i>	Chr3	17513925	C>T	AT3G47520	<i>pINAD-MDH</i>
<i>som430</i>	Chr3	17504882	G>A	AT3G47500	<i>CDF3</i>
<i>som430</i>	Chr3	17514056	C>T	AT3G47520	<i>pINAD-MDH</i>
<i>som430</i>	Chr3	17628913	C>T	AT3G47780	<i>ATATH6</i>
<i>som2167</i>	Chr3	17493718	C>T	AT3G47470	<i>LHCA4</i>
<i>som2167</i>	Chr3	17493742	C>T	AT3G47470	<i>LHCA4</i>
<i>som2167</i>	Chr3	17493748	C>T	AT3G47470	<i>LHCA4</i>
<i>som2167</i>	Chr3	17493958	G>A	AT3G47470	<i>LHCA4</i>
<i>som2167</i>	Chr3	17514570	C>T	AT3G47520	<i>pINAD-MDH</i>
<i>som787</i>	Chr5	4060968	G>A	AT5G12860	<i>DiT1</i>
<i>som812</i>	Chr5	4061216	C>T	AT5G12860	<i>DiT1</i>
<i>som2073</i>	Chr5	4060255	G>A	AT5G12860	<i>DiT1</i>
<i>som328</i>	Chr1	19841825	C>T	AT1G53200	
<i>som328</i>	Chr1	19856322	C>T	AT1G53240	<i>mMDH1</i>
<i>som369</i>	Chr1	19856559	C>T	AT1G53240	<i>mMDH1</i>
<i>som2169</i>	Chr1	19855429	C>T	AT1G53240	<i>mMDH1</i>
<i>som2169</i>	Chr1	19868333	C>T	AT1G53282	
<i>som2211</i>	Chr1	19706484	C>T	AT1G52905	
<i>som2211</i>	Chr1	19855275	C>T	AT1G53240	<i>mMDH1</i>