

Table S6. K_a/K_s analysis of duplication pairs of *NcSABATH* genes family in *N. cadamba*

Duplicated gene pairs	Non synonymous (K_a)	Synonymous (K_s)	K_a/K_s	Purifying selection	Subgroup	Duplicated type
<i>NcSABATH4</i> & <i>NcSABATH5</i>	0.458166	1.282878	0.357139	yes	III	tandem
<i>NcSABATH9</i> & <i>NcSABATH10</i>	0	0.008197	0	yes	I	tandem
<i>NcSABATH4</i> & <i>NcSABATH19</i>	0.386885	2.077998	0.186182	yes	III	segmental
<i>NcSABATH6</i> & <i>NcSABATH18</i>	0.25699	0.689902	0.372501	yes	III	segmental
<i>NcSABATH3</i> & <i>NcSABATH12</i>	0.064768	0.347119	0.186589	yes	I	segmental
<i>NcSABATH7</i> & <i>NcSABATH22</i>	0.048999	0.495425	0.098904	yes	III	segmental
<i>NcSABATH9</i> & <i>NcSABATH16</i>	0.092278	0.488866	0.188759	yes	I	segmental
<i>NcSABATH8</i> & <i>NcSABATH21</i>	0.037685	0.415785	0.090635	yes	II	segmental
<i>NcSABATH13</i> & <i>NcSABATH17</i>	0.458895	4.766299	0.096279	yes	III	segmental
<i>NcSABATH6</i> & <i>NcSABATH13</i>	0.360843	NaN	NaN		III	segmental
<i>NcSABATH3</i> & <i>NcSABATH15</i>	0.512941	NaN	NaN		I	segmental
<i>NcSABATH12</i> & <i>NcSABATH15</i>	0.501423	NaN	NaN		I	segmental