

Supplementary Table S5. Ka, Ks and Ka/Ks values for duplicated ortholog pairs in *Pyropia yezoensis* and *Pyropia haitanensis*/*Porphyra umbilicalis*.

No.	Seq 1	Seq 2	Ka	Ks	Ka/Ks
1.	<i>PyMYB1</i>	<i>Ph05488</i>	0.1930	0.8942	0.2158
2.	<i>PyMYB2</i>	<i>Ph05827</i>	0.0553	0.3528	0.1567
3.	<i>PyMYB3</i>	<i>Ph04980</i>	0.0780	0.4278	0.1823
4.	<i>PyMYB4</i>	<i>Ph09887</i>	0.1696	0.5794	0.2927
5.	<i>PyMYB5</i>	<i>Ph02171</i>	0.0328	0.4024	0.0815
6.	<i>PyMYB6</i>	<i>Ph02359</i>	0.1479	0.5822	0.2540
7.	<i>PyMYB7</i>	<i>Ph08492</i>	0.2697	0.5027	0.5365
8.	<i>PyMYB8</i>	<i>Ph06857</i>	0.0520	0.4748	0.1095
9.	<i>PyMYB9</i>	<i>Ph07942</i>	0.1887	0.7457	0.2531
10.	<i>PyMYB10</i>	<i>Ph07589</i>	0.2640	0.8541	0.3091
11.	<i>PyMYB12</i>	<i>Ph05957</i>	0.5541	0.9707	0.5708
12.	<i>PyMYB14</i>	<i>Ph05025</i>	0.1970	0.5709	0.3451
13.	<i>PyMYB16</i>	<i>Ph09161</i>	0.1280	0.5195	0.2464
14.	<i>PyMYB2</i>	<i>PuOSX69724</i>	0.1411	0.7978	0.1769
15.	<i>PyMYB3</i>	<i>PuOSX72389</i>	0.0875	0.4807	0.1820
16.	<i>PyMYB5</i>	<i>PuOSX76044</i>	0.1578	1.0509	0.1502
17.	<i>PyMYB6</i>	<i>PuOSX79855</i>	0.2451	1.3556	0.1808
18.	<i>PyMYB8</i>	<i>PuOSX75147</i>	0.1132	1.2917	0.0876