

Additional file 2: The gap distribution of control unigene, phenylalanine treated unigene and All Unigene. All Unigene is longer sequence unigene that derived from combining both control and phenylalanine treated unigene.

	Control Unigene		Phenylalanine treated Unigene		All Unigene	
Gap Percentage (%)	Number of Unigene	Percentage (%)	Number of Unigene	Percentage (%)	Number of Unigene	Percentage (%)
0~5	67,308	85.20	68,919	88.88	83,678	82.81
5~20	9,207	11.65	7,186	9.27	14,019	13.87
20~40	2,478	3.14	1,434	1.85	3,340	3.31
40~60	5	0.01	2	0.00	6	0.01
60~80	0	0.00	0	0.00	0	0.00
80~100	0	0.00	0	0.00	0	0.00
Total	78,998		77,541		101,043	