

Table 1 Basic information of *PAP1* gene in different leaf colors *Brassica juncea*

Name	Gene length (bp)	CDS length(bp)	Number of encoded amino acids	<i>B.rapa</i> homologous gene number	E value
<i>B. juncea</i> (zi-2)	1 546	753	250	Bra001 917	0
<i>B. juncea</i> (zi)	1 669	744	247	Bra004 162	0
<i>B. juncea</i> (lv-2)	1 598	750	249	Bra039 763	0
<i>B. juncea</i> (lv)	1 348	744	247	Bra004 162	0
<i>B.juncea</i> (hong)	1 664	744	247	Bra004 162	0