

Table 2 Physicochemical properties of PAP1 protein in *Brassica juncea* with different leaf colors

Name	Protein molecular weight (d)	pI	α -helix (%)	Extended strand (%)	β turn (%)	Random coil (%)	Highest content amino acids	Lowest content amino acids
<i>B. juncea</i> (zi-2)	28 521.7	8.95	37.20	11.20	12.80	38.80	Leu	Gln
<i>B. juncea</i> (zi)	27 941.7	8.75	35.63	9.31	11.34	43.72	Leu	Phe, Tyr
<i>B. juncea</i> (lv-2)	28 613.4	8.40	38.96	10.84	9.24	40.96	Leu	Met
<i>B. juncea</i> (lv)	28 036.9	9.17	32.79	12.96	8.91	45.34	Leu	Tyr
<i>B.juncea</i> (hong)	27 941.7	8.75	35.63	9.31	11.34	43.72	Leu	Phe, Tyr