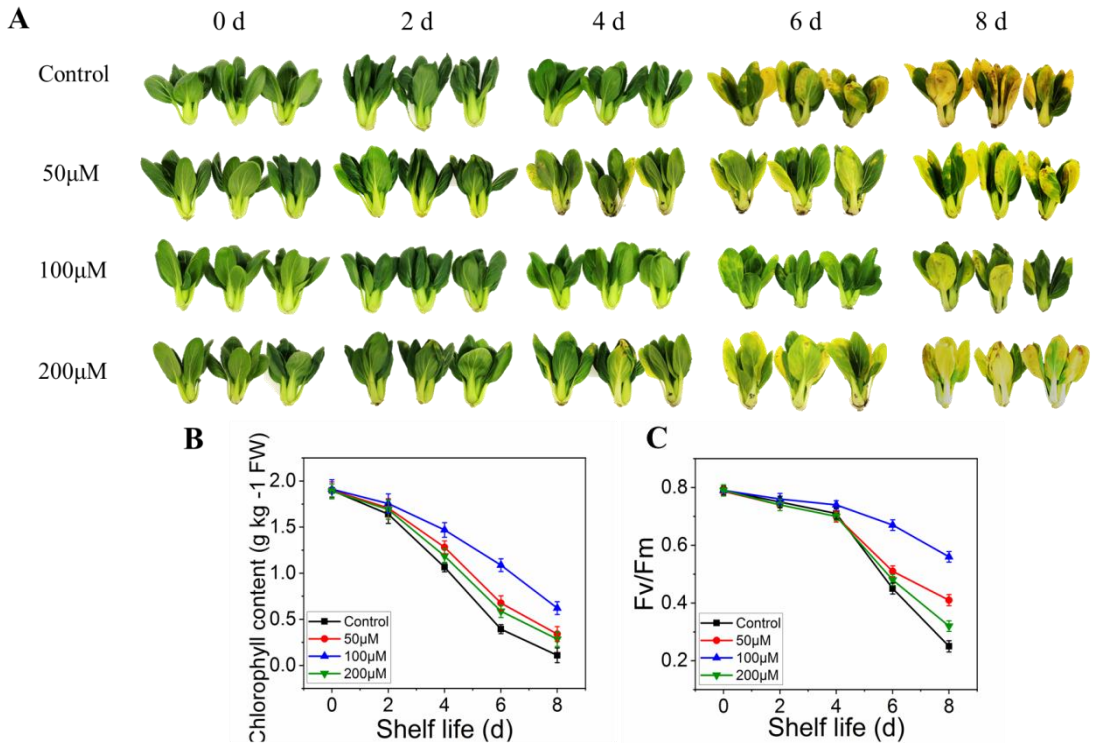


Figure S1 Effect of exogenous melatonin with different concentrations on the leaf senescence of pakchoi. Appearance (A), Chlorophyll content (B) and Fv/Fm (C) of control and melatonin-treated leaves during senescence. Data are the mean ± SE of three biological replicates.

Table S1 List of primer sequence of qRT-PCR.

ID	Primer-Forward	Primer-Reverse
BrACT	CGAAACAACTTACAACTCCA	CTCTTTGCTCATACGGTCA
BrPHI1	AGACGAAAGACACGGGGA	CGGAGGATGAAGGAGGG
BrSDH1	TGGTTCCAGGGCTTATGGCT	CAAGCACGGCCAAACACAAC
Br6PGDH1	CGCGTCGAAAATCTGCAGCT	GCCGACTGCCTCTCGATGAT
BrCOX1	ACATCGAGTTCCACAGGTGC	GAGAGCGCGGTAGTACTTGG
BrACS2	CTCCCGACAAGAATCTGCTG	CGAGGCCCATTTGAATAACA
BrACO1	GGAGATTCCAGTCATTGATTTTAG	TGAGAGTTAATCAGCTGTTTTACTTT