**Supplementary Information**

**Ectopic expression of a novel cold-resistance protein 1 (*BoCRP1*) from *Brassica oleracea*, promotes tolerance to cold via modulating stress associated components**

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**Figure S1. Generation of transgenic lines via agrobacterium mediated transformation of tomato plants** . **(a)** Depicts the transgenic shoot lets generated transformed cotyledons on selection media containing kanamycin as selection marker along with Zeatin and IAA **(b)&(c)** transgenic shoots generated from each cotyledon were individually shifted on shoot elongation medium containing 50 mg L-1 kanamycin , 2 mg L-1 zeatin, 0.1 mg L-1 IAA and then shifted to root elongation medium containing 50 mg L-1 kanamycin , 0.5 mg L-1 zeatin, 1 mg L-1 IAA to generated full-fledged transgenic plants with developed root system. **(d)** The transgenic plants were moved from test tubes to pots containing mixture of soil and vermiculite . In order to adopt to the external environment and maintain under high humidity these pots were kept under polythene for few days before exposed to green house conditions.