Additional file 6: Multiple sequence alignment of ten members of YABBY family expressed during the functional transition of the cotyledons

Our RNA-Seq data revealed that ten specific members of YABBY transcription factor family expressed during functional transition (stage-4 and stage-5) of soybean seedling development. Two of them showed high sequence homology and they are closely related. These two members of YABBY family possess the short peptide sequence (black rectangle) used for developing the antibody. Thus, our antibody is specific for those two members of YABBY family which showed a clear expression pattern during the functional transition of the cotyledons.