

BAK07472.1	MGRKIFFFAVFLTTITISAAQGVLEQSLTDAQCRGEVQAKPELLACRQILEHQLTGRAVGV	60
Morex	MGRKIFFFAVFLTTITISAAQGVLEQSLTDAQCRGEVQAKPELLACRQILEHQLTGRAVGV	60
Unigene	MGRKIFFFAVFLTTITISAAQGVLEQSLTDAQCRGEVQAKPELLACRQILEHQLTGRAVGV	60
		AAI_SS
BAK07472.1	RPFQAQWGARDRCCQQLSVSGCRCSALRGMVRDYEQSMFPFLREGRRRSSGERQQEQGC	120
Morex	RPFQAQWGARDRCCQQLSVSGCRCSALRGMVRDYEQSMFPFLREGRRRSSGERQQEQGC	120
Unigene	RPFQAQWGARDRCCQQLSVSGCRCSALRGMVRDYEQSMFPFLREGRRRSSGERQQEQGC	120
		AAI_SS
BAK07472.1	SGESTAEQQQEVQGGQYGSETGESQQQQGGGYHGVTVGRGGQQQGMLCRERFQRQQQGE	180
Morex	SGESTAEQQQEVQGGQYGSETGESQQQQGGGYHGVTVGRGGQQQGMLCRERFQRQQQGE	180
Unigene	SGESTAEQQQEVQGGQYGSETGESQQQQGGGYHGVTVGRGGQQQGMLCRERFQRQQQGE	180
BAK07472.1	GFSGEGAQQKPKVGRVRLTKVRLPTACRIEPQECVSVFSTLPVL	223
Morex	GFSGEGAQQKPKVGRVRLTKVRLPTACRIEPQECVSVFSTLPVL	223
Unigene	GFSGEGAQQKPKVGRVRLTKVRLPTACRIEPQECVSVFSTLPVL	223

Figure S9 Alignment of amino acid sequences of putative19KD globulin from barley cultivar Morex and the two accessions. Domains are indicated by bars and labels below the Alignment. AAI_SS: Alpha-Amylase Inhibitors (AAIs) and Seed Storage (SS)protein subfamily; composed of cereal-type AAIs and SS proteins.