

BAJ96050.1	MSASAKGGKALVKSDAGAYVAWSGTDQPELAAEGLGCGLLLLRPLSFALPHYADSPKFGY	60
Morex	MSASAKGGKALVKSDAGAYVAWSGTDQPELAAEGLGCGLLLLRPLSFALPHYADSPKFGY	60
Unigene	MSASAKGGKALVKSDAGAYVAWSGTDQPELAAEGLGCGLLLLRPLSFALPHYADSPKFGY	60
	Cupin_2	
BAJ96050.1	VLRGSGVAGVLPVATEDASAAARERVVRL EAGDVI AVRTGDVSWWYNDS DGD TDDLSILF	120
Morex	VLRGSGVAGVLPVATEDASAAARERVVRL EAGDVI AVRTGDVSWWYNDS DGD TDDLSILF	120
Unigene	VLRGSGVAGVLPVATEDASAAARERVVRL EAGDVI AVRTGDVSWWYNDS DGD TDDLSILF	120
	Cupin_2	
BAJ96050.1	LGDTERAVSPGDISYFFLAGGNSVLGGFDAGLLAGAWSGVTKEQAAAVFRSQPAVLLAGL	180
Morex	LGDTERAVSPGDISYFFLAGGNSVLGGFDAGLLAGAWSGVTKEQAAAVFRSQPAVLLAGL	180
Unigene	LGDTERAVSPGDISYFFLAGGNSVLGGFDAGLLAGAWSGVTKEQAAAVFRSQPAVLLAGL	180
	Cupin_2	
BAJ96050.1	STKLTGVCPREHDRKGLVFNAGQVAAGTLKAVTAADLAALGDLGISAVIGKLDPGAAQAP	240
Morex	STKLTGVCPREHDRKGLVFNAGQVAAGTLKAVTAADLAALGDLGISAVIGKLDPGAAQAP	240
Unigene	STKLTGVCPREHDRKGLVFNAGQVAAGTLKAGTAADLAARGGLGISAVIGKLDPGAAQAP	240
	Cupin_1	
BAJ96050.1	WVLREGAAQAVYVARG SARVQVSSSVGGETLLLD EEAAGSVLVLP RFAVALISAGADGA	300
Morex	WVLREGAAQAVYVARG SARVQVSSSVGGETLLLD EEAAGSVLVLP RFAVALISAGADGA	300
Unigene	WVLREGAAQAVYVARG SARVQVSSSVGGETLLLD EEAAGSVLVLP RFAVALISAGADGA	300
	Cupin_1	
BAJ96050.1	EWVSLIKSARPEVEQLTGDG SVLDGLTAQVVQASLSVAPELVELLGGRSAEPS	353
Morex	EWVSLIKSARPEVEQLTGDG SVLDGLTAQVVQASLSVAPELVELLGGRSAEPS	353
Unigene	EWVSLIKSARPEVEQLTGDG SVLDG.....	325
	Cupin_1	

Figure S6 Alignment of amino acid sequences of putative 11S-1 globulin from barley cultivar Morex and the two accessions. Domains are indicated by bars and labels below the Alignment.