

			Glyma.10G221400				E2: Glyma.10G221500				Glyma.10G221800					
cultivar	maturity group	haplotype	chr10: 45,283,870	chr10: 45,305,285	chr10: 45,305,867	chr10: 45,310,798	chr10: 45,315,921	chr10: 45,325,450	chr10: 45,331,070	chr10: 45,331,299	chr10: 45,331,446	E2 FPKM	average E2 FPKM			
Mandarin (Ottawa)	0	1	C	G	T	T	T	A	C	C	T	8.65	9.71 +/- 2.43			
Merit	0		C	G	T	T	T	T	A	C	C	T		13.98		
Blackhawk	I		C	G	T	T	T	T	A	C	C	T		8.48		
Chippewa	I		C	G	T	T	T	T	A	C	C	T		13.44		
Mandarin	I		C	G	T	T	T	T	A	C	C	T		6.50		
Amsoy	II		C	G	T	T	T	T	A	C	C	T		7.57		
Beeson	II		C	G	T	T	T	T	A	C	C	T		12.92		
Century	II		C	G	T	T	T	T	A	C	C	T		9.22		
Harosoy	II		C	G	T	T	T	T	A	C	C	T		9.37		
Mukden	II		C	G	T	T	T	T	A	C	C	T		6.11		
Richland	II		C	G	T	T	T	T	A	C	C	T		8.71		
Adams	III		C	G	T	T	T	T	A	C	C	T		9.90		
Calland	III		C	G	T	T	T	T	A	C	C	T		9.09		
Dunfield	III		C	G	T	T	T	T	A	C	C	T		10.21		
Pella	III	C	G	T	T	T	T	A	C	C	T	7.52				
PI 71506	IV	C	G	T	T	T	T	A	C	C	T	9.84				
PI 171442	V	C	G	T	T	T	T	A	C	C	T	13.55				
Capital	0	2	T	A	G	A	C	G	G	T	C	24.81	21.99 +/- 3.77			
Amcor	II		T	A	G	A	C	G	G	T	C	24.58				
Corsoy	II		T	A	G	A	C	G	G	T	C	14.96				
Harcor	II		T	A	G	A	C	G	G	T	C	17.67				
Jack	II		T	A	G	A	C	G	G	T	C	17.66				
PI 88788	III		T	A	G	A	C	G	G	T	C	29.71				
Cumberland	III		T	A	G	A	C	G	G	T	C	17.78				
Ford	III		T	A	G	A	C	G	G	T	C	22.72				
Illini / A.K. (Harrow)	III		T	A	G	A	C	G	G	T	C	20.00				
Manchu	III		T	A	G	A	C	G	G	T	C	22.82				
Oakland	III		T	A	G	A	C	G	G	T	C	18.37				
Shelby	III		T	A	G	A	C	G	G	T	C	21.88				
Wayne	III		T	A	G	A	C	G	G	T	C	24.74				
Williams	III		T	A	G	A	C	G	G	T	C	19.58				
Williams 82	III		T	A	G	A	C	G	G	T	C	21.12				
Woodworth	III		T	A	G	A	C	G	G	T	C	25.90				
Zane	III		T	A	G	A	C	G	G	T	C	27.46				
Clark	IV		T	A	G	A	C	G	G	T	C	22.92				
Douglas	IV		T	A	G	A	C	G	G	T	C	21.74				
Lawrence	IV		T	A	G	A	C	G	G	T	C	26.21				
Perry	IV		T	A	G	A	C	G	G	T	C	19.82				
5601T	V		T	A	G	A	C	G	G	T	C	15.72				
Essex	V		T	A	G	A	C	G	G	T	C	18.38				
Hill	V		T	A	G	A	C	G	G	T	C	19.71				
S-100	V		T	A	G	A	C	G	G	T	C	26.46				
Brim	VI		T	A	G	A	C	G	G	T	C	22.97				
Centennial	VI		T	A	G	A	C	G	G	T	C	23.38				
FC 31745	VI		T	A	G	A	C	G	G	T	C	9.32				
Haberlandt	VI		T	A	G	A	C	G	G	T	C	21.28				
Lee	VI		T	A	G	A	C	G	G	T	C	20.08				
NC-Roy	VI		T	A	G	A	C	G	G	T	C	21.50				
Pickett	VI		T	A	G	A	C	G	G	T	C	19.91				
Tracy	VI	T	A	G	A	C	G	G	T	C	23.36					
Bragg	VII	T	A	G	A	C	G	G	T	C	19.59					
Braxton	VII	T	A	G	A	C	G	G	T	C	20.89					
GaSoy17	VII	T	A	G	A	C	G	G	T	C	24.21					
Cook	VIII	T	A	G	A	C	G	G	T	C	19.70					
Bonus	IV	3	C	G	T	A	T	A	C	C	T	29.23				
Kent	IV		C	G	T	A	T	A	C	C	T	20.31				
Dare	V		C	G	T	A	T	A	C	C	T	20.15				
Dorman	V		C	G	T	A	T	A	C	C	T	27.74				
Hutcheson	V		C	G	T	A	T	A	C	C	T	21.65				
Arksoy	VI		C	G	T	A	T	A	C	C	T	19.51				
Davis	VI		C	G	T	A	T	A	C	C	T	28.91				
Dillon	VI		C	G	T	A	T	A	C	C	T	22.18				
Hood	VI		C	G	T	A	T	A	C	C	T	25.82				
Ogden	VI		C	G	T	A	T	A	C	C	T	26.39				
Raisoy	VI		C	G	T	A	T	A	C	C	T	19.61				
Young	VI		C	G	T	A	T	A	C	C	T	25.35				
Hagood	VII		C	G	T	A	T	A	C	C	T	16.94				
Jackson	VII		C	G	T	A	T	A	C	C	T	20.28				
NC-Raleigh	VII	C	G	T	A	T	A	C	C	T	23.96					
Ransom	VII	C	G	T	A	T	A	C	C	T	24.89					
Roanoke	VII	C	G	T	A	T	A	C	C	T	21.71					
Tokyo	VII	C	G	T	A	T	A	C	C	T	22.88					
Volstate	VII	C	G	T	A	T	A	C	C	T	24.97					
CNS	VII	4	T	G	T	A	T	A	C	C	T	21.79				