

			Glyma.19G222600	Glyma.19G223300	Glyma.19G223600	Glyma.19G224000							E3: Glyma.19G224200	Glyma.19G224700										
Name	maturity group	haplotype	chr19: 47,482,154	chr19: 47,563,387	chr19: 47,564,597	chr19: 47,565,073	chr19: 47,588,397	chr19: 47,590,801	chr19: 47,593,289	chr19: 47,621,874	chr19: 47,622,105	chr19: 47,622,563	chr19: 47,622,567	chr19: 47,622,630	chr19: 47,623,288	chr19: 47,625,022	chr19: 47,625,541	chr19: 47,633,059..47,641,988	chr19: 47,694,111	chr19: 47,694,639	chr19: 47,695,273	E3 FPKM	average E3 FPKM	
Capital	0		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.54	
Mandarin (Ottawa)	0		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.99	
Merit	0		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.46	
Blackhawk	I		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.72	
Chippewa	I		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.76	
Richland	I		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.54	
Amcor	II	1	C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.88	0.71 +)
Corsoy	II	1	C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.35	0.24
Harcor	II	1	C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.50	
PI 71506	IV		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.79	
Dorman	V		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	1.07	
Haberlandt	VI		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	1.09	
Arksoy	VI		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.43	
Raisoy	VI		C	G	A	C	T	A	C	G	G	T	A	A	C	A	C	e3	G	C	A	A	0.82	
Perry	IV	2	C	A	G	A	C	A	C	A	T	C	G	G	T	T	C	E3	T	A	G	A	1.23	
FC 31745	VI	2	C	A	G	A	C	A	C	A	T	C	G	G	T	T	C	E3	T	A	G	A	0.88	
Volstate	VII	2	C	A	G	A	C	A	C	A	T	C	G	G	T	T	C	E3	T	A	G	A	0.69	
Essex	V	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	1.32	
Hill	V	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	1.48	
PI 171442	V	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	1.46	
Tracy	VI	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	0.65	
Dillon	VI	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	1.36	
Lee	VI	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	1.60	
Pickett	VI	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	0.78	
Young	VI	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	0.68	
CNS	VII	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	0.71	
Tokyo	VII	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	0.90	
Hagood	VII	3	A	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	1.25	
Hood	VI	4	C	A	G	A	C	A	C	A	T	C	G	G	T	T	T	E3	T	A	G	A	1.49	
Mukden	I	5	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	T	C	G	A	0.62	
Mandarin	I	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.83	
Amsoy	II	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.76	
Beeson	II	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.43	
Century	II	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.68	
Harosoy	II	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.61	
Jack	II	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.89	
Dunfield	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.76	
Illini / A.K. (Harrow)	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.33	
Manchu	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.38	
PI 88788	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.65	
Adams	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.56	
Calland	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.12	
Cumberland	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.12	
Ford	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.01	0.98 +)
Oakland	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.19	0.33
Pella	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.98	
Shelby	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.25	
Wayne	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.51	
Williams	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.77	
Williams 82	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.77	
Woodworth	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.39	
Zane	III	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.73	
Bonus	IV	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.01	
Clark	IV	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.45	
Douglas	IV	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.27	
Kent	IV	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.63	
Lawrence	IV	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.29	
Hutcheson	V	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.81	
5601T	V	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.44	
Dare	V	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.81	
S-100	V	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.51	
Ogden	VI	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.59	
Brim	VI	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.22	
NC-Roy	VI	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.98	
Centennial	VI	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.90	
Davis	VI	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.62	
Ransom	VII	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	1.52	
Roanoke	VII	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.78	
Bragg	VII	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.78	
Braxton	VII	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.85	
GaSoy17	VII	6	C	G	A	C	C	G	T	G	G	C	A	A	C	A	C	E3	G	C	A	A	0.91	