

Table S3. Tissue-specific accumulation of "classical" maize proteins identified among nonmodified proteins.

"Classical" maize gene ID	Meristematic zone	Elongation zone	Cortex	Stele
GRMZM2G003043	x			
GRMZM2G157727	x			
GRMZM2G073671	x			
GRMZM2G035820	x			
GRMZM2G034647	x			
GRMZM2G402936	x			
AC234157.1_FG002	x			
GRMZM2G138060	x			
GRMZM2G098520	x			
AC199526.5_FG003	x			
GRMZM2G021614	x			
AC207722.2_FG009	x			
GRMZM2G110309		x		
GRMZM2G136887		x		
GRMZM2G345717			x	
GRMZM2G165390			x	
GRMZM2G026930			x	
GRMZM2G085661			x	
GRMZM2G016241			x	
GRMZM2G098239			x	
GRMZM2G062396			x	
GRMZM2G422750			x	
GRMZM2G028041			x	
GRMZM2G152891			x	
GRMZM2G147266				x
GRMZM2G109987				x
GRMZM2G157820	x	x		
GRMZM2G172132	x	x		
GRMZM2G095239	x	x		
GRMZM2G016671	x	x		
GRMZM2G111906	x	x		
GRMZM2G181362	x		x	
GRMZM2G148924	x			x
GRMZM2G310115		x	x	
GRMZM2G085924			x	x
GRMZM2G085381			x	x
GRMZM2G097768			x	x
GRMZM2G005483			x	x
GRMZM2G419806	x	x	x	
GRMZM2G129451	x	x	x	
GRMZM2G377215	x	x	x	
GRMZM2G044074	x	x	x	
GRMZM2G339563	x	x	x	

Table S3 continued.

"Classical" maize gene ID	Meristematic zone	Elongation zone	Cortex	Stele
GRMZM2G058310		X	X	X
GRMZM2G155329		X	X	X
GRMZM2G081192		X	X	X
GRMZM2G117755		X	X	X
AC234161.1_FG001		X	X	X
GRMZM2G026703	X	X		X
GRMZM2G155662	X	X		X
GRMZM5G861678	X	X		X
AC195340.3_FG001	X	X	X	X
AC196475.3_FG004	X	X	X	X
AC203535.4_FG001	X	X	X	X
AC205703.4_FG006	X	X	X	X
AC206941.2_FG002	X	X	X	X
AC209208.3_FG002	X	X	X	X
GRMZM2G005024	X	X	X	X
GRMZM2G007063	X	X	X	X
GRMZM2G008247	X	X	X	X
GRMZM2G009443	X	X	X	X
GRMZM2G010868	X	X	X	X
GRMZM2G011129	X	X	X	X
GRMZM2G012160	X	X	X	X
GRMZM2G014240	X	X	X	X
GRMZM2G014914	X	X	X	X
GRMZM2G015295	X	X	X	X
GRMZM2G016150	X	X	X	X
GRMZM2G016890	X	X	X	X
GRMZM2G017077	X	X	X	X
GRMZM2G018177	X	X	X	X
GRMZM2G018241	X	X	X	X
GRMZM2G018447	X	X	X	X
GRMZM2G018728	X	X	X	X
GRMZM2G019325	X	X	X	X
GRMZM2G019404	X	X	X	X
GRMZM2G020187	X	X	X	X
GRMZM2G023667	X	X	X	X
GRMZM2G024104	X	X	X	X
GRMZM2G025231	X	X	X	X
GRMZM2G025992	X	X	X	X
GRMZM2G026117	X	X	X	X
GRMZM2G027723	X	X	X	X
GRMZM2G028393	X	X	X	X
GRMZM2G030523	X	X	X	X
GRMZM2G032003	X	X	X	X

Table S3 continued.

"Classical" maize gene ID	Meristematic zone	Elongation zone	Cortex	Stele
GRMZM2G032315	X	X	X	X
GRMZM2G032628	X	X	X	X
GRMZM2G034157	X	X	X	X
GRMZM2G035017	X	X	X	X
GRMZM2G036464	X	X	X	X
GRMZM2G036609	X	X	X	X
GRMZM2G038636	X	X	X	X
GRMZM2G039155	X	X	X	X
GRMZM2G039454	X	X	X	X
GRMZM2G042992	X	X	X	X
GRMZM2G046191	X	X	X	X
GRMZM2G046804	X	X	X	X
GRMZM2G047368	X	X	X	X
GRMZM2G047855	X	X	X	X
GRMZM2G050514	X	X	X	X
GRMZM2G051637	X	X	X	X
GRMZM2G051943	X	X	X	X
GRMZM2G053458	X	X	X	X
GRMZM2G055489	X	X	X	X
GRMZM2G056014	X	X	X	X
GRMZM2G057000	X	X	X	X
GRMZM2G057243	X	X	X	X
GRMZM2G057823	X	X	X	X
GRMZM2G057935	X	X	X	X
GRMZM2G058292	X	X	X	X
GRMZM2G058522	X	X	X	X
GRMZM2G058675	X	X	X	X
GRMZM2G059991	X	X	X	X
GRMZM2G063756	X	X	X	X
GRMZM2G064302	X	X	X	X
GRMZM2G066191	X	X	X	X
GRMZM2G067176	X	X	X	X
GRMZM2G067511	X	X	X	X
GRMZM2G067546	X	X	X	X
GRMZM2G067919	X	X	X	X
GRMZM2G071790	X	X	X	X
GRMZM2G071959	X	X	X	X
GRMZM2G073054	X	X	X	X
GRMZM2G074361	X	X	X	X
GRMZM2G074604	X	X	X	X
GRMZM2G079348	X	X	X	X
GRMZM2G079440	X	X	X	X
GRMZM2G080603	X	X	X	X

Table S3 continued.

"Classical" maize gene ID	Meristematic zone	Elongation zone	Cortex	Stele
GRMZM2G081843	x	x	x	x
GRMZM2G083459	x	x	x	x
GRMZM2G083810	x	x	x	x
GRMZM2G083841	x	x	x	x
GRMZM2G085019	x	x	x	x
GRMZM2G086971	x	x	x	x
GRMZM2G087186	x	x	x	x
GRMZM2G088212	x	x	x	x
GRMZM2G088753	x	x	x	x
GRMZM2G089713	x	x	x	x
GRMZM2G089836	x	x	x	x
GRMZM2G090422	x	x	x	x
GRMZM2G090568	x	x	x	x
GRMZM2G090718	x	x	x	x
GRMZM2G091481	x	x	x	x
GRMZM2G092125	x	x	x	x
GRMZM2G096475	x	x	x	x
GRMZM2G098290	x	x	x	x
GRMZM2G098298	x	x	x	x
GRMZM2G098346	x	x	x	x
GRMZM2G099056	x	x	x	x
GRMZM2G099167	x	x	x	x
GRMZM2G101480	x	x	x	x
GRMZM2G101958	x	x	x	x
GRMZM2G102499	x	x	x	x
GRMZM2G104325	x	x	x	x
GRMZM2G104546	x	x	x	x
GRMZM2G104843	x	x	x	x
GRMZM2G108766	x	x	x	x
GRMZM2G109130	x	x	x	x
GRMZM2G109818	x	x	x	x
GRMZM2G111642	x	x	x	x
GRMZM2G111903	x	x	x	x
GRMZM2G112240	x	x	x	x
GRMZM2G112336	x	x	x	x
GRMZM2G113137	x	x	x	x
GRMZM2G114793	x	x	x	x
GRMZM2G116204	x	x	x	x
GRMZM2G116273	x	x	x	x
GRMZM2G117935	x	x	x	x
GRMZM2G119071	x	x	x	x
GRMZM2G119809	x	x	x	x
GRMZM2G120047	x	x	x	x

Table S3 continued.

"Classical" maize gene ID	Meristematic zone	Elongation zone	Cortex	Stele
GRMZM2G121468	x	x	x	x
GRMZM2G122871	x	x	x	x
GRMZM2G124532	x	x	x	x
GRMZM2G126010	x	x	x	x
GRMZM2G134797	x	x	x	x
GRMZM2G135186	x	x	x	x
GRMZM2G136067	x	x	x	x
GRMZM2G139300	x	x	x	x
GRMZM2G143602	x	x	x	x
GRMZM2G144030	x	x	x	x
GRMZM2G145715	x	x	x	x
GRMZM2G146246	x	x	x	x
GRMZM2G152466	x	x	x	x
GRMZM2G152908	x	x	x	x
GRMZM2G154595	x	x	x	x
GRMZM2G154628	x	x	x	x
GRMZM2G154954	x	x	x	x
GRMZM2G155242	x	x	x	x
GRMZM2G156861	x	x	x	x
GRMZM2G164696	x	x	x	x
GRMZM2G165901	x	x	x	x
GRMZM2G165917	x	x	x	x
GRMZM2G167549	x	x	x	x
GRMZM2G168651	x	x	x	x
GRMZM2G168681	x	x	x	x
GRMZM2G169593	x	x	x	x
GRMZM2G172322	x	x	x	x
GRMZM2G172491	x	x	x	x
GRMZM2G175423	x	x	x	x
GRMZM2G177098	x	x	x	x
GRMZM2G177631	x	x	x	x
GRMZM2G178415	x	x	x	x
GRMZM2G178693	x	x	x	x
GRMZM2G180625	x	x	x	x
GRMZM2G305046	x	x	x	x
GRMZM2G310431	x	x	x	x
GRMZM2G316113	x	x	x	x
GRMZM2G325575	x	x	x	x
GRMZM2G333916	x	x	x	x
GRMZM2G334899	x	x	x	x
GRMZM2G337229	x	x	x	x
GRMZM2G339122	x	x	x	x
GRMZM2G340251	x	x	x	x

Table S3 continued.

"Classical" maize gene ID	Meristematic zone	Elongation zone	Cortex	Stele
GRMZM2G358059	x	x	x	x
GRMZM2G360681	x	x	x	x
GRMZM2G364069	x	x	x	x
GRMZM2G365423	x	x	x	x
GRMZM2G381395	x	x	x	x
GRMZM2G392975	x	x	x	x
GRMZM2G394450	x	x	x	x
GRMZM2G415359	x	x	x	x
GRMZM2G424053	x	x	x	x
GRMZM2G438551	x	x	x	x
GRMZM2G440614	x	x	x	x
GRMZM2G442658	x	x	x	x
GRMZM2G456626	x	x	x	x
GRMZM2G458208	x	x	x	x
GRMZM2G473001	x	x	x	x
GRMZM2G702426	x	x	x	x
GRMZM5G833389	x	x	x	x
GRMZM5G834758	x	x	x	x
GRMZM5G835323	x	x	x	x
GRMZM5G836910	x	x	x	x
GRMZM5G844562	x	x	x	x
GRMZM5G844723	x	x	x	x
GRMZM5G849107	x	x	x	x
GRMZM5G858094	x	x	x	x
GRMZM5G872068	x	x	x	x
GRMZM5G898735	x	x	x	x
GRMZM5G899349	x	x	x	x