

ID	Genbank Accession	gene name	Organism	promoter length	CDS start	TSS	TATA box	total length	Link	Notes
1	A14628	chlorophyll a/b binding protein (cab48.1)	Zea mays	1077	1077			1095	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=490036&dopt=GenBank	
2	A23631	stamen-specific promoter from patent WO 9213957A	Zea mays	1180	1180			2784	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=829239&dopt=GenBank	
3	A44432	tubulinA promoter, SEQ ID 1 from patent EP0652286	Zea mays	1529	1529			1529	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2299258&dopt=GenBank	
4	A44433	tubulinA promoter, SEQ ID 2 from patent EP0652286	Zea mays	1765	1765			1765	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2299259&dopt=GenBank	
5	A44434	tubulinA promoter, SEQ ID 3 from patent EP0652286	Zea mays	1179	1179			1179	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2299260&dopt=GenBank	
15	AB001386	ferredoxin VI	Zea mays	1063	1581	1063		2351	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1863998&dopt=GenBank	
16	AB001387	ferredoxin III	Zea mays	966	4186	966		5179	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1864000&dopt=GenBank	
17	AB031011	response regulator1	Zea mays	3493	3493		3378	4584	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6009894&dopt=GenBank	
18	AB031012	response regulator2	Zea mays	3000	3000		2842	3846	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6009896&dopt=GenBank	
20	AF007786	cystathionine gamma-synthase	Zea mays	807	807			6969	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2198852&dopt=GenBank	
21	AF015268	pericarp color 1, P1	Zea mays	631	668	631		1900	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2343272&dopt=GenBank	
22	AF030385	nitrate-induced NOI gene	Zea mays	1476	1630	1476		5278	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2642212&dopt=GenBank	
23	AF030882	sugary1 starch debranching enzyme	Zea mays	1884	1971	1884		11779	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2623247&dopt=GenBank	
25	AF036891	starch synthase I	Zea mays	602	602			2991	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2828011&dopt=GenBank	
26	AF037031	peroxidase H	Zea mays	551	551		481	743	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3925226&dopt=GenBank	
27	AF037032	peroxidase J	Zea mays	888	888		746	1065	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3925228&dopt=GenBank	
28	AF037035	peroxidase K	Zea mays	1434	1434		1293	1629	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3925234&dopt=GenBank	
31	AF043346	cell wall invertase INCW3	Zea mays	2123	2242	2123	2123	6997	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105122&dopt=GenBank	
32	AF043347	cell wall invertase INCW4	Zea mays	2050	2349	2050	2050	5535	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105124&dopt=GenBank	
33	AF044603	cytokinin oxidase (cxk1)	Zea mays	1497	1497			6733	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3341977&dopt=GenBank	
35	AF055898	alanine aminotransferase	Zea mays	1034	1102	1034	969	6176	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3694806&dopt=GenBank	
36	AF063403	putative cytosine-5 DNA methyltransferase ZMET1	Zea mays	1854	1854	1854		7955	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3132824&dopt=GenBank	
38	AF068119	beta-amylase2	Zea mays	1647	1647		1539	5154	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4321977&dopt=GenBank	
39	AF073775	replication origin activator2	Zea mays	3260	3361	3260		4566	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4558459&dopt=GenBank	
41	AF090447	22-kDa zein	Zea mays	1256	1256	1256		3000	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1360608&dopt=GenBank	
42	AF100769	receptor-like kinase Zm2ARK	Zea mays	901	901			2748	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5669669&dopt=GenBank	
43	AF135456	R1-Lcm1, anthocyanin regulatory gene	Zea mays	1764	2145		1764	2166	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5882209&dopt=GenBank	
44	AF135457	R1-Lcm2, anthocyanin regulatory gene	Zea mays	2149	2149			2170	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5882211&dopt=GenBank	
45	AF135458	R1-scm, anthocyanin regulatory gene	Zea mays	1449	1449			1470	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5882213&dopt=GenBank	
46	AF141939	nitrate reductase	Zea mays	451				451	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4894987&dopt=GenBank	
47	AF149016	tapetum-specific endoxylanase	Zea mays	2305	2305			3711	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=7920154&dopt=GenBank	
48	AF153448	nitrate reductase1	Zea mays	2845	2953	2845	2811	8043	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5020384&dopt=GenBank	
49	AF159297	Pex2 pollen extensin-like protein	Zea mays	410	410			4498	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5917665&dopt=GenBank	
50	AF166527	Luminidependens	Zea mays	580	724	580		10304	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5805318&dopt=GenBank	
51	AF209212	Pericarp color1, P1-r allele	Zea mays	6401			6401	6403	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10086251&dopt=GenBank	
52	AF210616	Pericarp color2, P2	Zea mays	4710	4710			12634	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11526772&dopt=GenBank	
53	AF215823	sterility	Zea mays	3120	3373		3120	17380	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=12004293&dopt=GenBank	
54	AF225411	exoglucanase precursor exg1	Zea mays	683	683			4193	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=8809763&dopt=GenBank	
55	AF228486	starch branching enzyme IIa	Zea mays	3853	3853			4668	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=7677354&dopt=GenBank	
56	AF243041	receptor-like protein kinase PRK1	Zea mays	567	567			3416	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13506811&dopt=GenBank	
57	AF250191	calmodulin binding protein	Zea mays	1087	1087			4944	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10086259&dopt=GenBank	
58	AF264877	elongation factor TuM	Zea mays	1001	1001			5993	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11181615&dopt=GenBank	
59	AF271383	indole glycerol-3-phosphate lyase/tryptophan synthaseA-like	Zea mays	248	248			6644	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11993324&dopt=GenBank	
60	AF271636	lysine ketoglutarate reductase/saccharopine dehydrogenase	Zea mays	4027	4027			15146	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10716964&dopt=GenBank	
61	AF289237	calcium/calmodulin dependent protein kinase MCK2	Zea mays	906	906			7359	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9658872&dopt=GenBank	
64	AF298118	differentiation	Zea mays	1097	1097			5168	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11177539&dopt=GenBank	
65	AF315587	biosynthesis, PI-0 allele	Zea mays	702	702			1891	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11229034&dopt=GenBank	
67	AF334959	Brittle2 ADP-glucose pyrophosphorylase subunit	Zea mays	877	901	877	843	6695	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14582765&dopt=GenBank	
68	AF334960	leaf ADP-glucose pyrophosphorylase small subunit	Zea mays	2431	2431			6930	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14582767&dopt=GenBank	
70	AF348319	terminal ear1	Zea mays	3216	3240		3216	8038	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13540359&dopt=GenBank	
71	AF350331	Mutator transposase protein mudrA1	Zea mays	450	450			557	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14009772&dopt=GenBank	
72	AF350337	Mutator transposase protein mudrA7	Zea mays	461	461			568	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14009784&dopt=GenBank	
73	AF350340	Mutator transposase protein hMURB1	Zea mays	458	458			1179	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14009788&dopt=GenBank	
74	AF350360	Mutator transposase protein hMURB21	Zea mays	467	467			1188	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14009828&dopt=GenBank	
75	AF360356	male fertility protein Ms45	Zea mays	1392	1392			3343	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1402875&dopt=GenBank	
76	AF366294	male fertility gene ms-b57	Zea mays	269			269	322	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14030552&dopt=GenBank	
77	AF366296	sb200	Zea mays	1006			1006	1091	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14030555&dopt=GenBank	

78	AF37732	teosinte branched1, B73 allele	Zea mays	1803	1803	1803	1803	2754	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14326324&dopt=GenBank	
80	AF391808	MAP kinase kinase mapkk1, promoter from 3943 to 7823	Zea mays	3880	7823			6000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=17082476&dopt=GenBank	
92	AR135323	rs324 root-specific promoter, SEQ ID1 from patent US 6194636	Zea mays	1609				1609	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14124228&dopt=GenBank	
94	AR141098	0073474	Zea mays	2584				2584	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14483593&dopt=GenBank	
97	AR145493	lethal leaf spot1 promoter, SEQ ID 3 from patent US 6211437	Zea mays	4015				4015	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15107360&dopt=GenBank	
102	AX018975	patent WO 9942587	Zea mays	1890				1890	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10043070&dopt=GenBank	
152	AX041008	patent WO 0065037	Zea mays	2782			2782	7789	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11340604&dopt=GenBank	
163	AX046673	tapetum-specific promoter Mac2 from patent WO 0068403	Zea mays	1250	1250			1321	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11876236&dopt=GenBank	
166	AX046682	tapetum-specific promoter Mac20 from patent WO 0068403	Zea mays	621	621			1133	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11876243&dopt=GenBank	
203	AX085359	patent WO 0112799	Zea mays	1813			1813	5031	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13275414&dopt=GenBank	
204	AX085557	Dull1-like starch-synthase from patent WO 0112826	Zea mays	442	442			4121	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13275593&dopt=GenBank	
205	AX090091	from patent WO 0116307	Zea mays	654				654	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444052&dopt=GenBank	
206	AX090092	from patent WO 0116307	Zea mays	277				277	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444053&dopt=GenBank	
207	AX090093	from patent WO 0116307	Zea mays	476				476	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444054&dopt=GenBank	
208	AX090094	from patent WO 0116307	Zea mays	344				344	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444055&dopt=GenBank	
209	AX090095	from patent WO 0116307	Zea mays	547				547	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444056&dopt=GenBank	
210	AX090096	patent WO 0116307	Zea mays	856				856	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444057&dopt=GenBank	
211	AX090097	patent WO 0116307	Zea mays	1137				1137	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444058&dopt=GenBank	
212	AX090098	0116307	Zea mays	753				753	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444059&dopt=GenBank	
213	AX090099	from patent WO 0116307	Zea mays	684				684	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444060&dopt=GenBank	
214	AX090100	from patent WO 0116307	Zea mays	1025				1025	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444061&dopt=GenBank	
215	AX090101	0116307	Zea mays	910				910	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444062&dopt=GenBank	
216	AX090102	from patent WO 0116307	Zea mays	734				734	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444063&dopt=GenBank	
217	AX090103	from patent WO 0116307	Zea mays	1129				1129	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444064&dopt=GenBank	
218	AX090104	from patent WO 0116307	Zea mays	571				571	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444065&dopt=GenBank	
219	AX090105	from patent WO 0116307	Zea mays	579				579	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444066&dopt=GenBank	
220	AX090106	from patent WO 0116307	Zea mays	193				193	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444067&dopt=GenBank	
262	AX090482	patent WO 016325	Zea mays	4735				4735	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13444303&dopt=GenBank	
294	AX111994	seed-specific promoter, Esr	Zea mays	265				265	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13938902&dopt=GenBank	
298	AX151105	0138518	Zea mays	2253				2253	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14533370&dopt=GenBank	
301	D45408	elongation factor-1 alpha	Zea mays	611	611			3062	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=644492&dopt=GenBank	
302	D63342	cysteine protease inhibitor	Zea mays	601	601		334	2204	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14981328&dopt=GenBank	
303	D63954	fatty acid desaturase7	Zea mays	2178	2178		1977	4970	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2446997&dopt=GenBank	
304	D63956	low temperature bZIP transcription factor, gmlip15	Zea mays	2273	2798	2273	2198	3794	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14289166&dopt=GenBank	
305	E17154	phosphoenolpyruvate carboxylase	Zea mays	1297	1297			6781	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5711837&dopt=GenBank	
307	L05934	catalase3	Zea mays	2582	2602	2582		6041	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168436&dopt=GenBank	
308	L19494	biosynthesis	Zea mays	759	812	759		4439	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=309567&dopt=GenBank	
309	L19495	biosynthesis	Zea mays	1858	1858			7040	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=309569&dopt=GenBank	
310	L27484	calcium-dependent protein kinase CDPK	Zea mays	1481	1736	1481		4130	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=639721&dopt=GenBank	
311	L29418	sucrose synthase1	Zea mays	1153	2836	1153		8648	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=459894&dopt=GenBank	
312	L29505	high sulfur zein	Zea mays	812	812			2123	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=463151&dopt=GenBank	
313	L32898	sucrose synthase1	Zea mays	1013	1955	1013	987	2151	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1100216&dopt=GenBank	
314	L33244	sucrose synthase 2 (Sus2)	Zea mays	1002	1945	1002	962	7341	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=533251&dopt=GenBank	
315	L44133	Roughsheath1 homeobox-domain transcription factor	Zea mays	92	247	92	50	1636	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1008878&dopt=GenBank	
316	M13370	histone H4 C14	Zea mays	472	472			1135	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168500&dopt=GenBank	
317	M13377	histone H4 C7	Zea mays	350	350			868	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168502&dopt=GenBank	
318	M13378	histone H4 C2	Zea mays	422	422			1001	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168494&dopt=GenBank	
319	M13379	histone H4 C4	Zea mays	526	526			1264	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168496&dopt=GenBank	
320	M16066	glutein2	Zea mays	524	596	524		1857	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168484&dopt=GenBank	
322	M23537	10-kDa zein	Zea mays	1082	1137	1082	1044	2562	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=340933&dopt=GenBank	
324	M36658	histone H4 C3	Zea mays	460	546	460		1177	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168492&dopt=GenBank	
325	M36659	histone H4 C13	Zea mays	258	338	258		949	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168498&dopt=GenBank	
326	M37153	C1 myb-homolog, regulatory gene for anthocyanin biosynthesis	Zea mays	1078	1078		1061	4059	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168514&dopt=GenBank	
327	M58655	C4 orthophosphate dikinase (PPDK)	Zea mays	1732	1732			1987	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168583&dopt=GenBank	
328	M60171	alpha 3-tubulin	Zea mays	1177	1177			4397	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=485376&dopt=GenBank	
329	M68937	ubiquitin fusion protein UBF9	Zea mays	827	907	827	783	1624	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168650&dopt=GenBank	
330	M81603	shrunken-2, ADP-glucose pyrophosphorylase large subunit	Zea mays	1021	1545	1021		7320	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168654&dopt=GenBank	
331	M87020	chlorophyll a/b binding protein (cab-m1)	Zea mays	1027	1027			1057	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168438&dopt=GenBank	
332	S42508	ribulose bis-phosphate carboxylase small subunit (rbcS Zm1)	Zea mays	626	626			655	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=253496&dopt=GenBank	

333	S42568	ribulose bis-phosphate carboxylase small subunit (rbcS Zm3)	Zea mays	512	512				541	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=253497&dopt=GenBank
334	S46964	cytosolic orthophosphate dikinase, CypdkZm1	Zea mays	719	719				974	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=257803&dopt=GenBank
336	S46966	cytosolic orthophosphate dikinase, CypdkZm1	Zea mays	519	519				895	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=257807&dopt=GenBank
337	S46967	cytosolic orthophosphate dikinase, CypdkZm2	Zea mays	502	502				871	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=257809&dopt=GenBank
338	S59778	heat shock protein 18-1	Zea mays	301	301				303	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=300080&dopt=GenBank
339	S59779	heat shock protein 18-3	Zea mays	301	301				303	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=300081&dopt=GenBank
340	S59780	heat shock protein 82	Zea mays	685	685				3468	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=300082&dopt=GenBank
341	S60262	phosphoenolpyruvate carboxylase Zm1	Zea mays	634	634				813	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=303288&dopt=GenBank
342	S60264	phosphoenolpyruvate carboxylase Zm3B	Zea mays	238	238				370	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=303290&dopt=GenBank
344	S77135	general regulatory factor 14-3-3 protein GF14-12	Zea mays	805		805			825	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=99841&dopt=GenBank
345	U09989	proton ATPase Mha1	Zea mays	1446	1446				9285	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=507770&dopt=GenBank
346	U13701	oleosin 16-kD, L3	Zea mays	503	503				1470	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=687244&dopt=GenBank
347	U13702	oleosin 17-kD	Zea mays	451	451				1911	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=687246&dopt=GenBank
348	U14599	Bronze-2 glutathione-S-transferase	Zea mays	637	719	637			1696	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=549989&dopt=GenBank
349	U20450	nitrate reductase	Zea mays	1318	1318		1181		4985	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=676849&dopt=GenBank
351	U31541	high methionine zein dzs18	Zea mays	744	744				1676	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=984524&dopt=GenBank
352	U32636	phytoene synthase Y1	Zea mays	1921	1934	1921			5995	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=109866&dopt=GenBank
353	U34726	superoxide dismutase 4	Zea mays	2221	2221				3039	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1574937&dopt=GenBank
354	J05212	oleosin, 18-kD L2	Zea mays	1390	1487	1390			3101	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168508&dopt=GenBank
355	U45858	glyceraldehyde-3-phosphate dehydrogenase gpc2	Zea mays	429	505	429			4590	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1185553&dopt=GenBank
356	M35388	histone H3	Zea mays	3119	3188	3119			4627	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168505&dopt=GenBank
357	U57899	biosynthesis	Zea mays	231	320	231			8291	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1420923&dopt=GenBank
361	X02382	sucrose synthase	Zea mays	1142	2227	1142	1113		6922	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22487&dopt=GenBank
362	X03714	heat shock protein 70	Zea mays	164	271	164	130		858	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22344&dopt=GenBank
363	X03935	waxy1 granule-bound starch synthase	Zea mays	901	1233	901	867		4800	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22509&dopt=GenBank
365	X12872	fructose bis-phosphate aldolase	Zea mays	801	875	801	770		3324	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22144&dopt=GenBank
366	X14579	C4 phosphoenolpyruvate carboxylase	Zea mays	1016	1086	1016	986		1108	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22391&dopt=GenBank
367	X14580	C4 phosphoenolpyruvate carboxylase	Zea mays	1093	1175	1093			1185	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22392&dopt=GenBank
368	X14581	C4 phosphoenolpyruvate carboxylase	Zea mays	1090	1172	1090			1182	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22390&dopt=GenBank
369	X14927	orthophosphate dikinase PPKD1	Zea mays	805	1017	805			1272	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22449&dopt=GenBank
370	X15239	phosphoenolpyruvate carboxylase PEPC1	Zea mays	664	745	664	635		6151	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22407&dopt=GenBank
371	X15544	opaque2	Zea mays	1549	1549				4761	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22387&dopt=GenBank
372	X15704	alpha-tubulin	Zea mays	1644	1763	1644	1611		9244	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=602605&dopt=GenBank
373	X15712	adenine nucleotide translocator ANT-G2	Zea mays	571	571				2098	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22167&dopt=GenBank
374	X15994	rab17	Zea mays	559	654	559	529		1986	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22461&dopt=GenBank
375	X52878	beta 1-tubulin	Zea mays	421	551	421	407		2461	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22180&dopt=GenBank
376	X05068	NADPH-dependent reductase for anthocyanin biosynthesis, A1	Zea mays	1758	1843	1758	1729		4467	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22102&dopt=GenBank
377	X56737	auxin binding protein	Zea mays	837	883	837	512		5337	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22174&dopt=GenBank
378	X59138	rab28	Zea mays	494	494		352		1846	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22459&dopt=GenBank
379	X59546	pyruvate decarboxylase	Zea mays	1415	1415		1261		4040	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22394&dopt=GenBank
380	X60135	catalase1	Zea mays	2302	2486	2302			6933	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=311238&dopt=GenBank
381	X60205	chalcone synthase, C2	Zea mays	618	855	618	583		3829	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22217&dopt=GenBank
382	X63134	hydroxyproline-rich glycoprotein	Zea mays	507			507	395	1954	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22332&dopt=GenBank
383	X63553	acetohydroxyacid synthase AHAS 108	Zea mays	666	666				2664	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22138&dopt=GenBank
384	X63554	acetohydroxyacid synthase AHAS 109	Zea mays	608	608				2544	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22140&dopt=GenBank
385	X63869	phosphoenolpyruvate carboxylase Zm2A	Zea mays	446	446				601	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22409&dopt=GenBank
386	X65844	polygalacturonase (PG6)	Zea mays	509	509				2213	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=288373&dopt=GenBank
387	X65845	polygalacturonase (PG14)	Zea mays	697	697				2407	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=288366&dopt=GenBank
389	Z54358	catalase2	Zea mays	1630		1630	1586		3662	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=153696&dopt=GenBank
390	X66422	polygalacturonase	Zea mays	1213	1213				3726	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=28861&dopt=GenBank
391	X66692	polygalacturonase	Zea mays	2683	2871	2683	2648		3788	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=287829&dopt=GenBank
392	X67733	receptor-like protein kinase PK1	Zea mays	1727	1727		1552		4487	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22435&dopt=GenBank
393	X68678	cyclophilin	Zea mays	847	1062	847	773		2598	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=629147&dopt=GenBank
394	X69961	histone H2B	Zea mays	965	965				2361	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=577818&dopt=GenBank
395	X76713	tryptophan synthaseA	Zea mays	1726	1839	1726			4796	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=440170&dopt=GenBank
396	X78337	pathogenesis-related protein PRms	Zea mays	737		737	705		789	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=619576&dopt=GenBank
399	X78988	proteinase inhibitor	Zea mays	691	895	691	668		1262	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9909975&dopt=GenBank
401	X80206	ZAG2	Zea mays	2133	2133				7071	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=940880&dopt=GenBank
402	X81199	ZMM1	Zea mays	2198	2198		714		5537	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=854644&dopt=GenBank

403	X81828	cytochrome P-450 cyp71c1	Zea mays	2133	2133		2018	4352	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=550433&dopt=GenBank
404	X83076	ferritin1	Zea mays	976	976		842	3294	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1103629&dopt=GenBank
405	X83077	ferritin2	Zea mays	920	920		800	2902	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1103629&dopt=GenBank
406	X84376	histone H4	Zea mays	335	335			1029	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=886739&dopt=GenBank
407	X84377	histone H3	Zea mays	385	385			1119	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=886737&dopt=GenBank
408	X88779	glossy2 gene associated with epicuticular wax synthesis	Zea mays	1979	2152	1979		6343	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=949979&dopt=GenBank
409	X90652	TATA-binding protein1	Zea mays	1483	1667	1483		7497	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=945021&dopt=GenBank
410	X91882	MADS-box gene expressed in endosperm, ZEMa	Zea mays	1142	1352	1142		4475	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1213276&dopt=GenBank
411	X91883	MADS-box gene expressed in endosperm, ZEMb	Zea mays	1044		1044		2362	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1213278&dopt=GenBank
412	X96758	clathrin coat assembly protein	Zea mays	155	155			887	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2959357&dopt=GenBank
413	X97570	defective kernel 34	Zea mays	876	876			5267	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1628481&dopt=GenBank
414	Y11368	cytochrome P-450 cyp71c4	Zea mays	2740	2910	2740		7466	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1850902&dopt=GenBank
415	Y11403	cytochrome P-450 cyp71c3	Zea mays	2171	2203	2171		5057	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1870202&dopt=GenBank
416	Y11404	cytochrome P-450 cyp71c2	Zea mays	380	380			3130	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1870200&dopt=GenBank
417	Y11649	protein kinase CK2 alpha subunit	Zea mays	1663	1663		1041	7516	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3821794&dopt=GenBank
418	Y13733	cinnamyl alcohol dehydrogenase	Zea mays	128	128			1516	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2239257&dopt=GenBank
419	Z11754	lactate dehydrogenase	Zea mays	1166	1166			2999	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22352&dopt=GenBank
420	Z22760	Ferrodoxin-NADP reductase	Zea mays	899	899			2278	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=396148&dopt=GenBank
421	Z26824	chalcone isomerase	Zea mays	693	693		601	1760	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=407028&dopt=GenBank
422	Z33611	phosphoglycerate mutase	Zea mays	881	881			1110	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=551287&dopt=GenBank
423	AJ131374	HMG protein c1	Zea mays	1180	1180			2929	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5441503&dopt=GenBank
424	AJ131535	hydroxyproline-rich glycoprotein	Zea mays	2183	2183		2071	3735	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4007864&dopt=GenBank
425	AJ132240	elongation initiation factor-5 (eIF-5)	Zea mays	1902	3545	1902	1645	6831	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4160401&dopt=GenBank
426	AJ223470	acidic phytase I	Zea mays	1934	2097	1934		4695	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3955064&dopt=GenBank
427	AJ223471	acidic phytase II	Zea mays	1161	1329	1161		2990	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3955072&dopt=GenBank
428	AJ224847	malic enzyme	Zea mays	501	501	501	170	5623	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2950394&dopt=GenBank
429	AJ238785	putative DNA mismatch repair gene, mus1	Zea mays	902	982	902		10376	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=477557&dopt=GenBank
430	AJ238786	putative DNA mismatch repair gene, mus2	Zea mays	284	284	284		11900	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4775577&dopt=GenBank
431	AJ250985	HD-ZipIV homeo domain OCL3	Zea mays	493	493			3580	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=8920422&dopt=GenBank
432	AJ250986	HD-ZipIV homeo domain OCL4	Zea mays	705	705			4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=8920424&dopt=GenBank
433	AJ251018	polyamine oxidase2	Zea mays	541	610	541	502	4344	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9844864&dopt=GenBank
434	AJ251568	polyamine oxidase1	Zea mays	488	557	488	449	4096	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9843857&dopt=GenBank
435	AJ276022	tapetum-specific MFS14	Zea mays	5905	6004	5905		6775	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=7209280&dopt=GenBank
436	AJ310145	Vp1-interacting protein3	Zea mays	2610	2726	2610		6738	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13446643&dopt=GenBank
437	A32436	27	Zea mays	3792				3792	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1567429&dopt=GenBank
438	A94725	histone H3C4, SEQ ID 3 from patent WO9934005	Zea mays	1565				1565	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6778990&dopt=GenBank
439	AF072724	starch branching enzyme 1, Sbe1	Zea mays	2191	2218	2191	2163	8119	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3309177&dopt=GenBank
440	AF072725	starch branching enzyme IIa, amylose extender	Zea mays	2965	3065	2965	2933	23449	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3511235&dopt=GenBank
443	AJ238507	homeodomain protein hox1a	Zea mays	3716	5802	3716		22927	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5690094&dopt=GenBank
447	AR087528	59865174	Zea mays	1997				1997	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10014291&dopt=GenBank
448	AR135325	6194636	Zea mays	2640				2640	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14124230&dopt=GenBank
449	AR152390	A3 promoter, SEQ ID 1 from patent US 6232526	Zea mays	2640				2640	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15118440&dopt=GenBank
451	AX100487	seed preferred promoter, SEQ ID 1 from patent W00121783	Zea mays	1626				1626	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13619501&dopt=GenBank
452	AX151209	patent W00140440	Zea mays	2069				2069	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1453377&dopt=GenBank
456	AX282680	W00168826	Zea mays	3848				3848	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=16609746&dopt=GenBank
457	I24719	pollen specific promoter, SEQ ID 1 from patent US5545546	Zea mays	2873				2873	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1604589&dopt=GenBank
458	K00543	19-kDa zein pML1	Zea mays	1176	1176			1303	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1687078&dopt=GenBank
459	L08425	auxin binding protein 1 (abp1)	Zea mays	921	1241		869	5574	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168396&dopt=GenBank
460	L08426	auxin binding protein 4 (abp4)	Zea mays	2022	2121	2022	1989	5574	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168398&dopt=GenBank
461	L08427	auxin binding protein 5 (abp5)	Zea mays	834	932	834	802	2718	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=168400&dopt=GenBank
462	L22344	globulin1	Zea mays	1401			1354	1401	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=347843&dopt=GenBank
465	S94464	polyubiquitin1	Zea mays	1994	1994			3841	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=248336&dopt=GenBank
466	S94466	polyubiquitin2	Zea mays	1650	1650			3439	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=248338&dopt=GenBank
467	U38790	root-preferred expressed gene zrp2	Zea mays	2572			2544	2572	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1063664&dopt=GenBank
469	X02915	alcohol dehydrogenase2	Zea mays	288	414	288		3535	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22125&dopt=GenBank
470	X04049	alcohol dehydrogenase1	Zea mays	1202	1202		1064	5904	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22123&dopt=GenBank
471	X05911	19-kDa zein	Zea mays	2389	2389	2339	2307	3391	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22542&dopt=GenBank
472	X14794	chlorophyll a/b binding protein (cab1)	Zea mays	892	892			2100	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22223&dopt=GenBank
474	X15596	C, Gpc1	Zea mays	2387	2505	2387	2341	5955	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22302&dopt=GenBank

475/AF415063	Teosinte branched 1 (tb1)	Zea mays					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=16305344&dopt=GenBank	
476/X53514	27-kDa gamma zein	Zea mays	1710	1710			2975 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22516&dopt=GenBank	
477/X53515	15-kDa beta-zein	Zea mays	1241	1241			3864 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22514&dopt=GenBank	
478/X60204	chalcone synthase, white pollen locus	Zea mays	395	512	395	359	4069 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22511&dopt=GenBank	
479/X63667	19-kDa zein	Zea mays	1388	1450	1388		1452 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22551&dopt=GenBank	
481/X67619	transcriptional regulator of anthocyanin synthesis, Snb013	Zea mays	1492			1462	1492 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6580706&dopt=GenBank	
482/X70791	anthocyanin synthesis	Zea mays	1953	2341	1953	1920	2662 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=295852&dopt=GenBank	
483/Z29641	U3 snRNA	Zea mays	1007				1007 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=473184&dopt=GenBank	
484/X79065	PCNA mRNA	Zea mays	102		102		1146 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=732989&dopt=GenBank	
485/AF048900	Zea mays indeterminate spikelet 1 (ids1) mRNA	Zea mays					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2944039&dopt=GenBank	
486/AF434193	X1 gene from Zea mays line LH82	Zea mays	350	2102	350		6506 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20502804&dopt=GenBank	
487/AY095208	glycine-rich protein expressed in silk tissue, GRP5	Zea mays	1944	1987	1944	1912	3077 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20372713&dopt=GenBank	
488/AF451895	liguleless1	Zea mays	3441	3441	3441		7142 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18092333&dopt=GenBank	
489/AY061804	defective kernel1	Zea mays	1192	1246	1192		23975 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20268661&dopt=GenBank	
490/AJ318519	transfer cell-specific one repeat myb protein	Zea mays	771	809	771	724	2949 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20067662&dopt=GenBank	
491/AF466932	RP1-3 resistance gene, 26410-32388 promoter	Zea mays	5978	32388	32388		8000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1990884&dopt=GenBank	
491/AF466932	RP1-4 resistance gene, 73613-74624 promoter	Zea mays	5000	32388	74624		5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1990884&dopt=GenBank	
492/AF466931	gene 163K15.5, promoter 15922-23707	Zea mays	7785	12038	23707		7785 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19073331&dopt=GenBank	
492/AF466931	gene 163K15.6, complementary promoter 34988 to 32257	Zea mays	2731	12038	34988		2731 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19073331&dopt=GenBank	
492/AF466931	RP1 resistance gene, 2367-12038 promoter	Zea mays	9671	12038	12038		15000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19073331&dopt=GenBank	
492/AF466931	RP1-2 resistance gene, 82780-83794 promoter	Zea mays	1014	12038	83794		5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19073331&dopt=GenBank	
493/AF359511	glutamine synthetase 1-2, pedicel-specific	Zea mays	768	768	768	626	1505 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1988006&dopt=GenBank	
494/S57628	metallothionein-like gene	Zea mays	1021	1021	1021		1859 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=236729&dopt=GenBank	
495/AF370006	pyruvate decarboxylase3	Zea mays	2205	2306	2205		7772 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19851523&dopt=GenBank	
496/AF370004	pyruvate decarboxylase2	Zea mays	696	775	696		5443 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19851519&dopt=GenBank	
497/AF348418	aldehyde dehydrogenase r2B	Zea mays	1205	1311	1205		4293 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19850252&dopt=GenBank	
498/AF348414	aldehyde dehydrogenase r2D	Zea mays	350	350	350		2742 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19850244&dopt=GenBank	
499/AF348412	aldehyde dehydrogenase r2C	Zea mays	1026	1085	1026		7258 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19850240&dopt=GenBank	
500/X55314	A2	Zea mays	1291	1291		1210	2837 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=Nucleotide&list_uids=22103&dopt=GenBank	
501/AF466203	B-peru, promoter 19588-22595	Zea mays	3007	22595			3007 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18568234&dopt=GenBank	
502/AF466203	complementary	Zea mays	284	66742			2000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18568234&dopt=GenBank	
503/AF466202	genetic modifier isr1, promoter 19704-21949	Zea mays	2245	21949			2245 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18542165&dopt=GenBank	
503/AF466202	Lc regulatory protein, promoter 34570-38748	Zea mays	4178	38748			7000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18542165&dopt=GenBank	
503/AF466202	NADP-dependent malic enzyme, promoter 74329-77005	Zea mays	2676	77005			6000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18542165&dopt=GenBank	
503/AF466202	similar to barley aldose reductase, promoter 7486-10138	Zea mays	2652	10138			5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18542165&dopt=GenBank	
503/AF466202	S-receptor kinase, promoter 16690-19030	Zea mays	2340	19030			5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18542165&dopt=GenBank	
503/AF466202	77005-74329	Zea mays	2676	74329			5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18542165&dopt=GenBank	
505/AF465644	lipoxigenase	Zea mays	3801	4181	3801	3770	4264 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18496667&dopt=GenBank	
506/AF380388	stippled allele	Zea mays	2835	2835	2835		9819 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481438&dopt=GenBank	
507/AJ428542	histone acetyltransferase GCN5	Zea mays	300	300		159	3674 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18447804&dopt=GenBank	
508/AJ420859	tubulinA5	Zea mays	457	357			2034 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18157219&dopt=GenBank	
509/AJ420858	tubulinA6	Zea mays	350	2102	350		6506 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18157217&dopt=GenBank	
510/AF448416	bronze1 UDP glucosyl transferase, promoter 31637-32949	Zea mays	1312	32949			1312 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18092333&dopt=GenBank	
510/AF448416	hypoetical protein, promoter 69583-71240	Zea mays	1657	71240			3657 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18092333&dopt=GenBank	
510/AF448416	ribosomal protein L35A, complementary promoter 70264-69583	Zea mays	681	70264			5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18092333&dopt=GenBank	
510/AF448416	ring H2 zinc finger protein, promoter 72389-78643	Zea mays	6254	78643			5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18092333&dopt=GenBank	
510/AF448416	31637	Zea mays	1312	31637			5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18092333&dopt=GenBank	
510/AF448416	sesquiterpene cyclase, complementary promoter 69052-65239	Zea mays	3813	69052			6000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18092333&dopt=GenBank	
511/AF331855	UDP glucosyl transferase BX9	Zea mays	3002	3002	3002		6120 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18033229&dopt=GenBank	
512/AF331854	UDP glucosyl transferase BX8	Zea mays	3049	3049	3049		6322 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18033227&dopt=GenBank	
513/AF314251	dehydrin, ABA binding protein	Zea mays	629	629	629		1083 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18027686&dopt=GenBank	
514/AF320614	C1-1170 allele	Zea mays	484	484	484	439	3005 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=12958505&dopt=GenBank	
515/AF374405	long cell-linked locus gene	Zea mays	1760	1760	1760		3620 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=16588984&dopt=GenBank	
518/AF413112	DWARF8, A619 allele	Zea mays	930	1001	930		1363 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15866281&dopt=GenBank	
519/AF503433	170F8	S. bicolor	3726	141726			4376 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
520/AF369906	actin1, 9500>14500 from BAC 10J22 Sbb3766	S. bicolor	2096	11596			5000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19851516&dopt=GenBank	rice hit is AC087192 from
521/AF474131	(AF474123), rice (Y11351)	S. bicolor	1316	1316			1899 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19073331&dopt=GenBank	Mybs, maize match
522/AF317201	viviparous1	S. bicolor	1487			1488	1607 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=12744472&dopt=GenBank	no maize genomic matches
523/AF466646	SBTXS_0045119	S. bicolor	2070	19930			4000 http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18568260&dopt=GenBank	no rice match

524	AF466201	SBTXS_0032H17	S. bicolor	2277	35723				7000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
525	AF466201	SBTXS_0032H17	S. bicolor	1940	65940				4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
526	AF466200	OCL5 protein, 15000>21000 of BAC clone SBTXS_0018C08	S. bicolor	1304	16304				6000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	but no promoter
527	AF466200	tryptophan synthase beta-subunit, 30000>25000	S. bicolor	1901	27901				5000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	but no promoter
528	AF466200	SBTXS_0018C08	S. bicolor	1705	134705				4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	but no promoter
529	AF466200	SBTXS_0018C08	S. bicolor	500	136995				3000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	
530	AF466199	BAC clone	S. bicolor	1348	83348				3000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18390096&dopt=GenBank	
531	AF010283	ADP-glucose pyrophosphorylase subunit shrunken2, 1>6400	S. bicolor	2362	2362				6400	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=27358398&dopt=GenBank	AF320613 = C1
532	AF010283	gene X transcriptional regulator, 12000>21000	S. bicolor	2573	14573				9000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=27358398&dopt=GenBank	
533	AF010283	NADPH-dependent reductase A1-a, 26350>29800	S. bicolor	1999	28349				3451	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=27358398&dopt=GenBank	
534	AF010283	NADPH-dependent reductase A1-b, 37500>41100	S. bicolor	2021	39521				3600	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=27358398&dopt=GenBank	
535	AF114171	beta-ketoacyl coA synthase, 1>6000 of BAC clone 25.M18	S. bicolor	3841	3841				6000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4680196&dopt=GenBank	no maize genomic hits
536	AF124045	alcohol dehydrogenase1, 9600>14000 of BAC clone	S. bicolor	1257	10857				4400	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5410347&dopt=GenBank	
537	X63756	phosphoenolpyruvate carboxylase, C4 type	S. bicolor	626	626		488		7071	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=226110&dopt=GenBank	
538	X65137	phosphoenolpyruvate carboxylase	S. bicolor	839	839				7586	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=226144&dopt=GenBank	
539	X59925	phosphoenolpyruvate carboxylase	S. bicolor	657	657		489		6018	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22592&dopt=GenBank	
540	X56010	hydroxy-rich glycoprotein	S. bicolor	2518	2518				4231	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21626&dopt=GenBank	
541	AF503433	BAC170F8	S. bicolor	1994	7994				6000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
542	X71636	opaque2	S. bicolor	1406	1406				4315	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2974818&dopt=GenBank	
543	X71667	lipid transfer protein1 (ltp1)	S. bicolor	654	654				1499	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=311330&dopt=GenBank	hits
544	X71668	lipid transfer protein2 (ltp2)	S. bicolor	610	610				1800	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=311332&dopt=GenBank	hits
545	AF503433	from BAC170F8	S. bicolor	1094	12464				5130	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
546	AF503433	BAC170F8	S. bicolor	875	17375				16500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
547	AF503433	BAC170F8	S. bicolor	728	37058				8670	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
548	AF503433	putative 60S ribosomal protein, 66880>70500 from BAC170F8	S. bicolor	2000	68880				3620	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
549	AF503433	putative protein kinase, 84000>80500 from BAC170F8	S. bicolor	936	83064				3500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
550	AF503433	putative glucosyl transferase, 108800>110400 from BAC170F8	S. bicolor	1011	109811				1600	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
551	AF503433	putative glucosyl transferase, 110000>115000 from BAC170F8	S. bicolor	1666	112666				4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
552	AF503433	putative glucosyl transferase, 117000>121000 from BAC170F8	S. bicolor	2252	119252				4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
553	AF503433	putative glucosyl transferase, 121000>124000 from BAC170F8	S. bicolor	1399	122399				3000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
554	AF503433	putative glucosyl transferase, 124500>128500 from BAC170F8	S. bicolor	2406	126906				4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
555	AF503433	putative glucosyl transferase, 128500>131000 from BAC170F8	S. bicolor	945	129445				2500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
556	AF503433	putative glucosyl transferase, 131000>13370 from BAC170F8	S. bicolor	1149	132149				2700	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21326110&dopt=GenBank	
557	AF466199	putative receptor protein kinase, 10500>1400 from BAC	S. bicolor	2022	8478				9100	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18390096&dopt=GenBank	no maize genomic hits
558	AF466201	SBTXS0032H17	S. bicolor	1246	14446				3900	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
559	AF466201	BAC SBTXS0032H17	S. bicolor	1975	28975				4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
560	AF466201	3-glucanase, 47000>42000 from BAC SBTXS0032H17	S. bicolor	1474	45526				5000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
561	AF466201	SBTXS0032H17	S. bicolor	1387	55613				4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
562	AF466201	SBTXS0032H17	S. bicolor	1872	76628				6000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
563	AF466201	BAC SBTXS0032H17	S. bicolor	1888	87112				7500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
564	AF466201	SBTXS0032H17	S. bicolor	2010	90010				4500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18483227&dopt=GenBank	
565	AF466199	aminoalcoholphosphotransferase, 34000>24000 from BAC	S. bicolor	2332	31768				10000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18390096&dopt=GenBank	
566	AF466199	putative growth regulating factor 1, 35000>39000 from BAC	S. bicolor	2266	37266				4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18390096&dopt=GenBank	
567	AF466199	from BAC	S. bicolor	1348	83348				2500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18390096&dopt=GenBank	
568	AF466199	gb protein, 115000>132000 from BAC	S. bicolor	2484	117484				17000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18390096&dopt=GenBank	
569	AF466200	SBTXS_0018C08	S. bicolor	1839	63661				8000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	
570	AF466200	65500>68500 of BAC clone SBTXS_0018C08	S. bicolor	1552	67052				3000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	
571	AF466200	SBTXS_0018C08	S. bicolor	755	69745				1500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	
572	AF466200	BAC clone SBTXS_0018C08	S. bicolor	1999	90001				7500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	
573	AF466200	SBTXS_0018C08	S. bicolor	2151	96651				6000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	
574	AF466200	SBTXS_0018C08	S. bicolor	1914	124914				5000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	
575	AF466200	SBTXS_0018C08	S. bicolor	1927	131427				4100	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18481699&dopt=GenBank	
576	AF114171	from BAC 25.M18	S. bicolor	1630	150370				8000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4680196&dopt=GenBank	
577	X56004	gsta2	Triticum aestivum	2048	2048			1916	3196	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21789&dopt=GenBank	
578	AY050175	waxy	Triticum aestivum	4106	4106	3232	3186		4108	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21628919&dopt=GenBank	
579	L75824	histone H2A	Triticum aestivum							http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=17467154&dopt=GenBank	
580	X03346	HMW-glutenin	Triticum aestivum	443	443	382	352		3193	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21784&dopt=GenBank	
581	AF326781	BAC clone AF326781	Triticum aestivum	2103	15603				6500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15088543&dopt=GenBank	
582	AF326781	clone AF326781	Triticum aestivum	2071	30929				7000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15088543&dopt=GenBank	

583	AF326781	AF326781	Triticum aestivum	1715	162858			6000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15088543&dopt=GenBank
584	AF326781	clone AF326781	Triticum aestivum	2008	201885			6150	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15088543&dopt=GenBank
585	L75802	histone H2A	Triticum aestivum	1790	1790	1668		2546	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1322276&dopt=GenBank
586	AF385139	prolamin box binding factor	Triticum aestivum	2462	2462			2510	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1449535&dopt=GenBank
587	AX047681	thioredoxin tatrh2	Triticum aestivum	1112	1112			2687	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11876716&dopt=GenBank
588	D30809	transcription factor HBP-1b(c38)	Triticum aestivum	3997	3997	2428		6706	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1232129&dopt=GenBank
589	AJ000548	puroindoline-b	Triticum aestivum	1068	1068		1006	1068	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3980239&dopt=GenBank
590	X05823	chlorophyll a/b-binding protein (Cab-1)	Triticum aestivum	915	915	844	816	929	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21691&dopt=GenBank
591	AF031235	cold-specific protein (wsc120)	Triticum aestivum	941	941	861	832	941	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2625103&dopt=GenBank
592	D87065	histone H1	Triticum aestivum	850	850		737	2541	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2980892&dopt=GenBank
593	X66013	cathepsin B-like gene	Triticum aestivum	831	831			4792	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21698&dopt=GenBank
594	M16991	alpha-amylase (a-Amy3)	Triticum aestivum	963	963	908	856	2397	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=170671&dopt=GenBank
595	X00937	histone H3	Triticum aestivum	248	248		186	811	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21796&dopt=GenBank
596	X07747	low molecular weight glutenin	Triticum aestivum	551	551		472	1827	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21782&dopt=GenBank
597	X13306	low molecular weight glutenin-ID1	Triticum aestivum	984	984	945	905	3165	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21772&dopt=GenBank
598	X02540	alpha/beta gliadin	Triticum aestivum	596	596	529	492	1753	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21764&dopt=GenBank
599	X53957	chloroplast fructose-1,6-bisphosphatase	Triticum aestivum	1727	1727	1660		3600	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21740&dopt=GenBank
600	X13580	alpha-amylase (a-Amy2)	Triticum aestivum	587	587	491	458	847	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21668&dopt=GenBank
601	AY013753	glutathione-S-transferase TIGST14	Triticum tauschii	2777	2777	2686	2651	3800	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22038171&dopt=GenBank
602	AY013753	glutathione-S-transferase TIGSTU1, sequence 10000>13000	Triticum tauschii	1952	11952	1860	11822	3000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22038171&dopt=GenBank
603	AF497474	BAC clone	Triticum aestivum	1941	1959			3900	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21779916&dopt=GenBank
604	AF497474	seed globulin (Glo-2), sequence 2000>4500 of BAC clone	Triticum aestivum	1320	3320			2500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21779916&dopt=GenBank
605	AF387866	peroxidase (pxc1A)	Triticum turgidum	684	684			2458	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21717530&dopt=GenBank
606	AJ318884	xylanase inhibitor xip-ll	Triticum turgidum	1018	1018			2143	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1869309&dopt=GenBank
607	AF434703	dihydroflavonol-4-reductase	Triticum monococcum	824	824			2669	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1714880&dopt=GenBank
608	AF408845	sucrose transporter SUT1D	Triticum aestivum	1245	1245			6582	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19548164&dopt=GenBank
609	X13927	HMW glutenin subunit Glu-B1-1b	Triticum aestivum	16035	16035	15944		18464	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18875452&dopt=GenBank
610	M22208	HMW glutenin subunit Ax2*	Triticum aestivum	2377	2377			4824	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14043051&dopt=GenBank
611	X13927	phytochromeC (phyC), promoter and exons 1-4	Triticum aestivum	2137	2137			6333	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18875452&dopt=GenBank
612	AF325198	LR14, sequence 1>8251 of BAC clone	Triticum aestivum	5471	5471			8251	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377504&dopt=GenBank
613	AF325198	TAK14, sequence 35500>40500 of BAC clone	Triticum aestivum	1897	36643			5000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377504&dopt=GenBank
614	AF325198	LRK14, sequence 38000>43000 of BAC clone	Triticum aestivum	1721	42651			5000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377504&dopt=GenBank
615	AF325197	LRK33, sequence 12000>6500 of BAC clone	Triticum aestivum	2265	9735			5500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377501&dopt=GenBank
616	AF325197	TAK33, sequence 9000>13500 of BAC clone	Triticum aestivum	1811	10811			4165	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377501&dopt=GenBank
617	AF325196	PS19, sequence 4500>500 of BAC clone	Triticum aestivum	2200	2299			4000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377496&dopt=GenBank
618	AF325196	LRR19, sequence 3000>7300 of BAC clone	Triticum aestivum	1028	4028			4300	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377496&dopt=GenBank
619	AF325196	TAK19-1, sequence 30000>25000 of BAC clone	Triticum aestivum	2121	27879			5000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377496&dopt=GenBank
620	AF325196	LRK19, sequence 26500>31500 of BAC clone	Triticum aestivum	1916	28416			5000	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13377496&dopt=GenBank
621	AF177218	grain softness protein1 (Gsp1)	Triticum aestivum	925	925			2122	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9957229&dopt=GenBank
622	AF234649	gamma-gliadin	Triticum aestivum	4160	4160			6443	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15148395&dopt=GenBank
623	AF156977	1,4-beta-xylan endohydrolase, Wx1	Triticum aestivum	1780	1780			3967	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15011835&dopt=GenBank
624	AB038391	cysteine proteinase inhibitor gWc2, partial cds	Triticum aestivum	424	424			1254	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11559276&dopt=GenBank
625	AF021243	translation initiation factor 4B (eIF4B)	Triticum aestivum	799	799			4795	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3372235&dopt=GenBank
626	AJ302091	puroindoline-a	Triticum aestivum	876	876			1336	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13235616&dopt=GenBank
627	AB042069	rubisco small subunit (rbcS)	Triticum aestivum	626	626	549		1500	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11990902&dopt=GenBank
628	AB030708	nuclear matrix binding protein AHM1	Triticum aestivum	1358	1358	1268		3846	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6691466&dopt=GenBank
629	AF280605	omega gliadin storage protein	Triticum aestivum	2464	2464	2359		3789	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10444083&dopt=GenBank
630	AJ237897	starch branching enzyme1 (Sbe1)	Triticum aestivum	2037	2037	2015	1972	8020	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4586235&dopt=GenBank
631	X73228	Em H5	Triticum aestivum	799	799		670	1480	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=312520&dopt=GenBank
632	X73227	Em H2	Triticum aestivum	653	653		527	1665	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=312518&dopt=GenBank
633	AF091802	starch synthaseI	Triticum tauschii	1001	1001	746		11387	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6103326&dopt=GenBank
634	AH005224	serine-threonine protein kinase TaPK3	Triticum aestivum	612	612			2626	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2055373&dopt=GenBank
635	AJ238245	high-affinity sulfate transporter st2	Triticum tauschii	1092	1092		824	5329	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4850272&dopt=GenBank
636	AJ238244	high-affinity sulfate transporter st1	Triticum tauschii	2482	2482		1928	6601	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4850270&dopt=GenBank
637	S63737	sedoheptulose-1,7-bisphosphatase	Triticum aestivum	474	474			493	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=38666&dopt=GenBank
638	U51330	leaf rust resistance kinase Lr10 (LRK10)	Triticum aestivum	619	619			3878	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1680685&dopt=GenBank
639	AJ007705	phosphoenolpyruvate carboxylase (PEPC)	Triticum aestivum	396	396		236	5845	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3341489&dopt=GenBank
640	X73528	phosphoglycerate kinase	Triticum aestivum	1061	1061	1046		3557	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=313266&dopt=GenBank
641	D16415	WZF1 zinc finger protein	Triticum aestivum	1238	1238	1109	1069	2862	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=441220&dopt=GenBank

642	D13795	tritin ribosome inactivating protein	Triticum aestivum	1298	1298			3209	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=391928&dopt=GenBank
643	X9705	phenylalanine ammonia lyase	Triticum aestivum	886	886	768	640	3444	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1483609&dopt=GenBank
644	U42336	ACC synthase (TA-ACS2)	Triticum aestivum	796	796	590		5590	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1244715&dopt=GenBank
645	X76041	endochitinase	Triticum aestivum	633	633	600	529	1985	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=416028&dopt=GenBank
646	X56012	glutathione-S-transferase A1 (gstA1)	Triticum aestivum						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21787&dopt=GenBank
647	X00043	histone H4	Triticum aestivum	736	736	669		1200	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21794&dopt=GenBank
648	X52103	Em	Triticum aestivum	1329	1329		1194	2465	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21729&dopt=GenBank
649	X68288	EC metallothionein protein	Triticum aestivum	2207	2207	2131	2101	3065	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21727&dopt=GenBank
650	X81370	AWJL236	Triticum aestivum	557	557		433	1910	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=551213&dopt=GenBank
651	X81369	AWJL218	Triticum aestivum	625	625		554	2329	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=551211&dopt=GenBank
652	X81368	AWJL175	Triticum aestivum	788	788		650	2374	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=551209&dopt=GenBank
653	X13576	alpha amylase Amy2/8	Triticum aestivum	683	683	590	557	940	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21670&dopt=GenBank
654	X13580	alpha amylase Amy2/54	Triticum aestivum	587	587	491	458	847	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21668&dopt=GenBank
655	X13577	alpha amylase Amy2/53	Triticum aestivum	667	667	586	553	919	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21666&dopt=GenBank
656	X13579	alpha amylase Amy2/46	Triticum aestivum	561	561	456	423	787	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21664&dopt=GenBank
657	X13578	alpha amylase Amy2/34	Triticum aestivum	652	652	597	564	934	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21662&dopt=GenBank
658	M37328	rubisco small subunit (rbcS), exons 1 and 2	Triticum aestivum	696	696			2205	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=170768&dopt=GenBank
659	J02817	gibberellin-responsive carboxypeptidase	Triticum aestivum	1052	1052	1009		5315	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=170703&dopt=GenBank
660	M63224	germin 9F-3.8	Triticum aestivum	1318	1318	1217		3761	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=170699&dopt=GenBank
661	M63223	germin 9F-2.8	Triticum aestivum	1799	1799	1695		2822	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=170697&dopt=GenBank
662	M81719	Gib1	Triticum aestivum	1434	1434	1389	1365	4747	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=170695&dopt=GenBank
663	AF000940	ribonuclease	Hordeum vulgare	293		293		1583	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2150001&dopt=GenBank
664	AF020791	ferrochelatase (hemH)	Hordeum vulgare	1606		1606	1531	7694	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2460250&dopt=GenBank
665	AF021256	32 kDa protein (JRG1.1)	Hordeum vulgare	2125	2200	2125	2093	3786	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2465425&dopt=GenBank
666	AF021257	32 kDa protein (JRG1.2)	Hordeum vulgare	2783	2839	2783	2752	4487	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2465427&dopt=GenBank
667	AF021258	32 kDa protein (JRG1.3)	Hordeum vulgare	251	326	251	220	1792	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2465429&dopt=GenBank
668	AF022725	limit dextrinase (HvLD99)	Hordeum vulgare	1950	1950		1950	12034	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2520057&dopt=GenBank
669	AF043086	dehydrin 11 (dhn11)	Hordeum vulgare	810	844	810		2420	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105100&dopt=GenBank
670	AF043087	dehydrin 1 (dhn1)	Hordeum vulgare	1140	1259	1140		2717	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105102&dopt=GenBank
671	AF043088	dehydrin 2 (dhn2)	Hordeum vulgare	551	662	551		1849	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105104&dopt=GenBank
672	AF043089	dehydrin 3 (dhn3)	Hordeum vulgare	625	743	625		1560	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105106&dopt=GenBank
673	AF043090	dehydrin 4 (dhn4)	Hordeum vulgare	1250	1370	1250		2790	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105108&dopt=GenBank
674	AF043091	dehydrin 6 (dhn6)	Hordeum vulgare	670	795	670		3086	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105110&dopt=GenBank
675	AF043092	dehydrin 7 (dhn7)	Hordeum vulgare	406	522	406		2127	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105112&dopt=GenBank
676	AF043093	dehydrin 8 (dhn8)	Hordeum vulgare	1142	1274	1142		2254	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105114&dopt=GenBank
677	AF043094	dehydrin 9 (dhn9)	Hordeum vulgare	409	676	409		1630	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105116&dopt=GenBank
678	AF043095	dehydrin 10 (dhn10)	Hordeum vulgare	1118	1258	1118		2984	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105118&dopt=GenBank
679	AF043096	dehydrin 5 (dhn5)	Hordeum vulgare	494	597	494		2814	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4105120&dopt=GenBank
680	AF055328	glucan endo-1,3-beta-glucosidase isoenzyme I (BHVG1)	Hordeum vulgare	2209	2209			3327	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3037079&dopt=GenBank
681	AF061203	beta-amylase (beta-amy1)	Hordeum vulgare	1354	1354			5126	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3779257&dopt=GenBank
682	AF061204	NPGS P1296897 beta-amylase (beta-amy1)	Hordeum vulgare	1356	1356			4976	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3779259&dopt=GenBank
683	AF064562	starch branching enzyme Ila (sbella)	Hordeum vulgare	764	1217	764	727	1852	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3851525&dopt=GenBank
684	AF064563	starch branching enzyme Iib (sbellb)	Hordeum vulgare	469	583	469	435	3960	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3851527&dopt=GenBank
685	AF075270	high affinity sulfate transporter (HVST1)	Hordeum vulgare	1090		1090	1025	1094	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3643823&dopt=GenBank
686	AF085165	receptor-like kinase LRK10	Hordeum vulgare	209	209			989	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5523853&dopt=GenBank
687	AF085167	receptor-like kinase ARK1AS	Hordeum vulgare	328	328			2849	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5523857&dopt=GenBank
688	AF100771	receptor-like kinase (Hv3ARK)	Hordeum vulgare	671	671			3494	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5669673&dopt=GenBank
689	AF108008	HV1LRR1 (HV1LRR1)	Hordeum vulgare	346	346			5163	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5669777&dopt=GenBank
690	AF108009	HV1PST (Hv1Pst)	Hordeum vulgare	1872	1872			3207	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5669798&dopt=GenBank
691	AF122050	limit dextrinase	Hordeum vulgare	1720	1720			11462	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4959435&dopt=GenBank
692	AF142588	isoamylase 1	Hordeum vulgare	2318	2318			3291	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5825469&dopt=GenBank
693	AF155129	dehydrin 12 (Dhn12)	Hordeum vulgare	1379	1379			2890	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5052008&dopt=GenBank
694	AF166121	Cf2/Cf5 disease resistance protein homolog (Big1)	Hordeum vulgare	2872	2872			7351	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5739322&dopt=GenBank
695	AF181452	dehydrin (Dhn2)	Hordeum vulgare	656	656			1294	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6017929&dopt=GenBank
696	AF181454	dehydrin (Dhn4)	Hordeum vulgare	846	846			2440	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6017933&dopt=GenBank
697	AF181455	dehydrin (Dhn5)	Hordeum vulgare	599	599			3447	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6017935&dopt=GenBank
698	AF181459	dehydrin (Dhn9)	Hordeum vulgare	618	618			1791	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6017943&dopt=GenBank
699	AF181460	dehydrin (Dhn10)	Hordeum vulgare	860	860			2501	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6017945&dopt=GenBank
700	AF181461	dehydrin (Dhn11)	Hordeum vulgare	836	836			2009	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6017947&dopt=GenBank

701	AF182197	RNase S-like protein precursor (rsh1)	Hordeum vulgare	1726	1843	1726	3758	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=7288254&dopt=GenBank	
702	AF189787	putative c-myb-like transcription factor (MYB3R-1)	Hordeum vulgare	413	413		2517	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=8745324&dopt=GenBank	
703	AF234170	DMC1 protein	Hordeum vulgare	1601	1601		5645	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=7229682&dopt=GenBank	
704	AF250933	germin A (GerA)	Hordeum vulgare	214	214		1243	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9837110&dopt=GenBank	
705	AF250934	germin B (GerB)	Hordeum vulgare	1591	1591		2798	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9837112&dopt=GenBank	
706	AF250935	germin F (GerF)	Hordeum vulgare	1480	1480		2689	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9837114&dopt=GenBank	
707	AF250936	germin D (GerD)	Hordeum vulgare	396	396		1272	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9837116&dopt=GenBank	
708	AF253472	alcohol dehydrogenase (Adh1)	Hordeum vulgare	1326		1326	4309	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13924732&dopt=GenBank	
709	AF287726	clone pFL699 1,4-beta-D xylan xylohydrolase	Hordeum vulgare	1822	1822		5474	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14861198&dopt=GenBank	
710	AF294752	CBF3-like protein BCBF3 (BCBF3)	Hordeum vulgare	1065	1065	955	3321	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9937515&dopt=GenBank	
711	AF294753	glutaryl-HRNA reductase (hema2)	Hordeum vulgare	739	739	647	1979	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9937517&dopt=GenBank	
712	AF298231	CBF3-like protein BCBF3 (BCBF3)	Hordeum vulgare	533	533		1922	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=12658320&dopt=GenBank	
713	AF330255	possible membrane protein LEM1 (Lem1)	Hordeum vulgare	1290		1290 1228	2772	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14276860&dopt=GenBank	
714	AF334758	homeodomain protein JUBEL1 (JuBel1)	Hordeum vulgare	2801		2801 2335	13757	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13752406&dopt=GenBank	
715	AF334759	homeodomain protein JUBEL2 (JuBel2)	Hordeum vulgare	4282		4282 4271	9112	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13752408&dopt=GenBank	
716	AF343066	Dhn4 gene, Dhn4s allele	Hordeum vulgare	1282			1282	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1687455&dopt=GenBank	
717	AF343067	HVA1 gene, HVA1s allele	Hordeum vulgare	466			466	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1687455&dopt=GenBank	
718	AF343068	Dhn8 gene, Dhn8s allele	Hordeum vulgare	1250		1122	1250	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1687455&dopt=GenBank	
719	AF414177	clone plic20G1 NBS-LRR-like protein	Hordeum vulgare	833	833		6291	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15788519&dopt=GenBank	
720	AF459084	BAC 615K1 SNF2P (Snf2P) gene	Hordeum vulgare	3001	3001		18750	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2319347&dopt=GenBank	
721	AF459085	SNF2P (Snf2P)	Hordeum vulgare	116	116		7963	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=23193480&dopt=GenBank	
722	AF460219	nuclear transcription factor SLN1	Hordeum vulgare	1765	1765		4098	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18264372&dopt=GenBank	
723	AF474923	chalcone isomerase (CHI)	Hordeum vulgare	6937	6937		11475	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20152985&dopt=GenBank	
724	AF486508	granule-bound starch synthase I	Hordeum vulgare	710	710		1195	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21667421&dopt=GenBank	
725	AF490468	CONSTANS-like protein (CO1)	Hordeum vulgare	1419	1419		4071	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21667472&dopt=GenBank	
726	AF490470	CONSTANS-like protein (CO2)	Hordeum vulgare	139	139		2263	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21667476&dopt=GenBank	
727	AF490474	CONSTANS-like protein (CO4)	Hordeum vulgare	636	636		1085	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21667484&dopt=GenBank	
728	AF509744	receptor-like kinase	Hordeum vulgare	1308	1308		4643	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21886729&dopt=GenBank	
729	AF509745	receptor-like kinase	Hordeum vulgare	612	612		2550	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21886731&dopt=GenBank	
730	AF509746	OSU6 receptor-like kinase	Hordeum vulgare	587	587		2513	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21886733&dopt=GenBank	
731	AF509748	barley stem rust resistance protein (Rpg1)	Hordeum vulgare	6464	6464		17974	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21929720&dopt=GenBank	
732	AY008692	transcription factor GAMyb (Gamyb)	Hordeum vulgare	1934		1934 1083	6228	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13236695&dopt=GenBank	
733	AY009938	Mia1 (Mia1)	Hordeum vulgare	2499	2588	2499	7900	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1161220&dopt=GenBank	
734	AY039003	Mg-chelatase subunit XANTHA-F (Xantha-f)	Hordeum vulgare	883	883	825	6252	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14861034&dopt=GenBank	
735	AY082965	CONSTANS-like protein CO9 (CO9)	Hordeum vulgare	409	409		944	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21655161&dopt=GenBank	
736	AY137515	hypersensitive-induced reaction protein 4 (hir4)	Hordeum vulgare	1499	1629	1499	4830	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=23345037&dopt=GenBank	
737	AY137516	hypersensitive-induced reaction protein 2 (hir2)	Hordeum vulgare	1104	2874	1104	5125	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=23345039&dopt=GenBank	
738	AY137518	protein	Hordeum vulgare	822	2493	822	7567	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=23345051&dopt=GenBank	
739	L19119	abscisic acid and stress inducible (A22)	Hordeum vulgare	1756	1933	1756 1722	3531	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3042178&dopt=GenBank	
740	M58753	acyl carrier protein I (Acl1)	Hordeum vulgare	605	748	605	3822	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1669668&dopt=GenBank	
741	M58754	acyl carrier protein III (Acl3)	Hordeum vulgare	1473	1585	1473	4830	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1669708&dopt=GenBank	
742	M15208	high pi isozyme of alpha-amylase	Hordeum vulgare	689	689	606	2717	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167008&dopt=GenBank	
743	L41869	L. beta-glucosidase (BGQ60)	Hordeum vulgare	251	251	152	4152	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=804655&dopt=GenBank	
744	M95172	chloroplast beta-ketoacyl-ACP synthase I isozyme (Kas12)	Hordeum vulgare	1261	1432	1261 1221	6319	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1670058&dopt=GenBank	
745	L36882	thionin (bth6)	Hordeum vulgare	1531	1531	1440	2406	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1209248&dopt=GenBank	
746	L36883	thionin (BTH7)	Hordeum vulgare	1552	1552	1461	2259	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1209250&dopt=GenBank	
747	L34211	chitinase (CHI33)	Hordeum vulgare	682	682	614	1779	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=576566&dopt=GenBank	
748	M95810	dehydrin DHN5 (Dhn5)	Hordeum vulgare	592			2432	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167035&dopt=GenBank	
749	L06607	photosystem I subunit C (PsaC)	Hordeum vulgare	391		391 65	458	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167037&dopt=GenBank	
750	M36378	gamma-1 hordein storage protein	Hordeum vulgare	379	379		1614	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167041&dopt=GenBank	
751	M62740	1,3-1,4-beta-D glucan 4-glucohydrolase (Glb 2)	Hordeum vulgare	941	941		5159	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167049&dopt=GenBank	
752	M96940	glucan endo-1,3-beta-glucosidase (isoenzyme IV)	Hordeum vulgare	428	428		1813	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167052&dopt=GenBank	
753	M91814	beta-1,3-glucanase (GLUZ)	Hordeum vulgare	591		591 520	2301	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=347943&dopt=GenBank	
754	M23080	alpha-hordothionin (Hth-1)	Hordeum vulgare	325	372	325 325	1805	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=340805&dopt=GenBank	
755	M36941	C-hordein	Hordeum vulgare	C-horden			2065	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167062&dopt=GenBank	
756	M60175	ubiquitin (mub1)	Hordeum vulgare	559		559 460	1815	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167072&dopt=GenBank	
757	M60176	ubiquitin (mub2)	Hordeum vulgare	750		750 653	1730	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167074&dopt=GenBank	
758	M83671	peroxidase BP 2A (Prx6)	Hordeum vulgare	796	796	705	2660	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167082&dopt=GenBank	
759	M55449	rubisco activase s	Hordeum vulgare	300	544	300 267	8766	http://www.ncbi.nlm.nih.gov/80/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=167094&dopt=GenBank	

760 L23524	DNA sequence with open reading frame	Hordeum vulgare				181	830	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3879011&dopt=GenBank
761 M7475	seed imbibition protein (Sip1)	Hordeum vulgare	783	1027	783		4788	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1670994&dopt=GenBank
762 U02287	chitinase	Hordeum vulgare	600	600	503		1684	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=495304&dopt=GenBank
763 U19359	cysteine proteinase EPB1	Hordeum vulgare	922	1040	922	888	2880	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1146115&dopt=GenBank
764 U19384	cysteine proteinase EPB2	Hordeum vulgare	727	845	727	693	2714	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1146117&dopt=GenBank
765 U26916	protoporphyrin IX Mg-chelatase subunit precursor (Xantha-f)	Hordeum vulgare	902	902		844	6364	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=861198&dopt=GenBank
766 U47640	tetrameric alpha-amylase inhibitor subunit Cnd3	Hordeum vulgare	712	712			1227	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2264391&dopt=GenBank
767 U47641	tetrameric alpha-amylase inhibitor subunit Cnd2	Hordeum vulgare	712	712			1227	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2264393&dopt=GenBank
768 U54767	caffeic acid O-methyltransferase (HvCOMT)	Hordeum vulgare	2604	2690	2604	2586	5238	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1314741&dopt=GenBank
769 U63993	lipid transfer protein (bit4.9)	Hordeum vulgare	2061	2061			3238	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1480925&dopt=GenBank
770 U73173	BARE-1 retrotransposon related-sequence	Hordeum vulgare	222	222			4198	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1657812&dopt=GenBank
771 U73749	xylan endohydrolase isoenzyme X-I	Hordeum vulgare	1045	1045		444	2704	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1813594&dopt=GenBank
772 U76261	highly repeated, retrotransposon-like sequence	Hordeum vulgare	3604	3604			5050	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1666235&dopt=GenBank
773 U83904	lipoxigenase isoenzyme 1 (Lox:Hv1)	Hordeum vulgare	3512	3512	3444	3370	5236	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1814015&dopt=GenBank
774 U87149	nucellin	Hordeum vulgare	1227	1281	1227		3686	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2290203&dopt=GenBank
775 U96096	endo-1,3-beta-glucanase (Hv34)	Hordeum vulgare	1706	1706			2899	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2735501&dopt=GenBank
776 S53707	B22EL8 (B22EL8)	Hordeum vulgare	123	123			1071	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=234814&dopt=GenBank
777 S66938	C-hordein	Hordeum vulgare	1084	1084			2806	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=442523&dopt=GenBank
778 S69616	dihydroflavonol-4-reductase (Ant18)	Hordeum vulgare	1340	1340			3193	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=240051&dopt=GenBank
779 ST0738	stem rust resistance gene Rpg1	Hordeum vulgare	149	149			676	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=547194&dopt=GenBank
780 AF182523.1	Alpha1-tubulin	Oryza sativa	1046					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10441015&dopt=GenBank
781 AF182523.1	Alpha2-tubulin	Oryza sativa	1046					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10441016&dopt=GenBank
782 AF182523.1	Alpha-3-tubulin	Oryza sativa	1046					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=10441015&dopt=GenBank
783 L29469.1	Cylophilin.	Oryza sativa	1150					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=600766&dopt=GenBank
784 D31843.1	H(+) -transporting ATPase (Mha1)	Oryza sativa	131					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=633109&dopt=GenBank
785 AB026295.2	Histone H3 (H3C4)	Oryza sativa	549					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5295936&dopt=GenBank
786 AC073166.7	Histone H4 (H4C14)	Oryza sativa	8318					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1203931&dopt=GenBank
787 D16685	Lactate dehydrogenase.	Oryza sativa	2502					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=987692&dopt=GenBank
788 AP003047	Mus2 for DNA mismatch repair	Oryza sativa	1312					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13122417&dopt=GenBank
789 AF294427	PCNA mRNA for proliferating cell nuclear antigen.	Oryza sativa	1973					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9965403&dopt=GenBank
790 U26660	Pdc mRNA for pyruvate decarboxylase.	Oryza sativa	1324					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1098558&dopt=GenBank
791 AP003411	Phosphoglycerate mutase	Oryza sativa	639					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1552877&dopt=GenBank
792 AP003725	polyubiquitin (Ubiquitin 1)	Oryza sativa	2496					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20161534&dopt=GenBank
793 AF184279	polyubiquitin2	Oryza sativa	839					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6013288&dopt=GenBank
794 AF474922	tubulinA5	Oryza sativa	930					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2015298&dopt=GenBank
795 D86611	tubulinA6	Oryza sativa	1179					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3868755&dopt=GenBank
796 AP002971	Ubiquitin fusion protein (UBF9)	Oryza sativa	1466					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13365995&dopt=GenBank
797 AF162665	chlorophyll a/b binding protein (cab1)	Oryza sativa	188					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=8163729&dopt=GenBank
798 C74075	cytpdkZm1=orthophosphate dikinase	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15072262&dopt=GenBank
799 D30794	Ferredoxin VI	Oryza sativa	1128					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=505135&dopt=GenBank
800 X91806	Ferredoxin-NADP reductase	Oryza sativa	114					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1136119&dopt=GenBank
801 AP003052	Phosphoenolpyruvate carboxylase (PEPC1)	Oryza sativa	1825					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11967924&dopt=GenBank
802 AF271995	Phosphoenolpyruvate carboxylase (pepcZm1)	Oryza sativa	188					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9828444&dopt=GenBank
803 AF271995	Phosphoenolpyruvate carboxylase (pepcZm2A)	Oryza sativa	188					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9828444&dopt=GenBank
804 X07515	ribulose-1, 5-bisphosphate carboxylase small subunit (rbcS)	Oryza sativa	260					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20340&dopt=GenBank
805 AB007404	Alanine aminotransferase	Oryza sativa	1789					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4730883&dopt=GenBank
806 X15820	Nitrate reductase1	Oryza sativa	288					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20273&dopt=GenBank
807 AL731599	acetoaldehyde synthase gene AHAS 108	Oryza sativa	2000					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20451708&dopt=GenBank
808 AF172282	Alcohol dehydrogenase1 (Adh1-1S)	Oryza sativa	1954					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6979318&dopt=GenBank
809 AF172282	Alcohol dehydrogenase2 (Adh2)	Oryza sativa	5630					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6979318&dopt=GenBank
810 AC084766	stenility	Oryza sativa	8852					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18640658&dopt=GenBank
811 AF462029	aldehyde dehydrogenase rf2B	Oryza sativa	6576					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18653395&dopt=GenBank
812 AP003199	Anthocyanin (A2)	Oryza sativa	1578					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14587202&dopt=GenBank
813 AC092749	Bronze-2 glutathione-S-transferase	Oryza sativa	1951					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15721940&dopt=GenBank
814 D64013	Catalase1 (Cat1)	Oryza sativa	1073					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3868753&dopt=GenBank
815 AF162665	catalase2 (Cat2)	Oryza sativa	188					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=8163729&dopt=GenBank
816 D29966	Catalase (Cat3)	Oryza sativa	1560					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1261857&dopt=GenBank
817 AC087723	Chalcone synthase (C2)	Oryza sativa	1639					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15281152&dopt=GenBank
818 AP003380	chalcone synthase, white pollen locus (CHS)	Oryza sativa	5828					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19773506&dopt=GenBank

819	U38199	cystathionine gamma-synthase	Oryza sativa	2242					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1777454&dopt=GenBank
820	M29259	Cysteine proteinase inhibitor	Oryza sativa	539					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=169806&dopt=GenBank
821	AP003106	Exoglucanase precursor (exg1)	Oryza sativa	751					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=12313696&dopt=GenBank
822	AF432915	heat shock protein 70	Oryza sativa	1328					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=17646327&dopt=GenBank
823	Z11920	Heat shock protein HSP82	Oryza sativa	927					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20255&dopt=GenBank
824	X61280	Hydroxy-rice glycoprotein (HRGP)	Oryza sativa	1060					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=433815&dopt=GenBank
825	AF019212	L2 oleosin KD18	Oryza sativa	1257					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2735839&dopt=GenBank
826	U46159	metallothionein-like gene	Oryza sativa	1849					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4097153&dopt=GenBank
827	U70541	NADPH-dependent reductase (A1)	Oryza sativa	3676					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2149018&dopt=GenBank
828	U43930	Oleosin (ole16)	Oryza sativa	85					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1171351&dopt=GenBank
829	AP003140	Polygalacturonase (PG)	Oryza sativa	3521					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1416491&dopt=GenBank
830	AC092388	putative cytosine-5 DNA methyltransferase ZMET1	Oryza sativa	5828					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20279487&dopt=GenBank
831	AC122144	pyruvate decarboxylase3	Oryza sativa	1598					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=21104877&dopt=GenBank
832	AC092750	RAB-17	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=16356860&dopt=GenBank
833	AC099401	Rab28	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=Nucleotide&list_uids=22103&dopt=GenBank
834	L19435	Superoxide dismutase 4 (sod4)	Oryza sativa	2256					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=685241&dopt=GenBank
835	AP003278	tapetum-specific endoxylanase	Oryza sativa	662					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=16904679&dopt=GenBank
836	L10345	Beta-amylase (Amy2)	Oryza sativa	655					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=169776&dopt=GenBank
837	M31616	Brittle2 (Bl2)	Oryza sativa	753					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=169760&dopt=GenBank
838	AF155121	Cell wall invertase (incw4)	Oryza sativa	1787					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5052006&dopt=GenBank
839	X91806	Dull1-like starch-synthase from patent WO 0112826	Oryza sativa	114					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1136119&dopt=GenBank
840	AF141954	Glucose starch glycosyl transferase (Wxy1)	Oryza sativa	3000					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=8101496&dopt=GenBank
841	M31616	Leaf ADP-GP small subunit	Oryza sativa	753					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=169760&dopt=GenBank
842	AF101045	Shrunken2 (Sh2)	Oryza sativa	1996					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=6650524&dopt=GenBank
843	D10838	Starch branching enzyme I (Sbe1)	Oryza sativa	1688					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=287403&dopt=GenBank
844	AB023498	Starch branching enzyme2a (Sbe2a)	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=5689137&dopt=GenBank
845	From Monsanto	Starch branching enzymellb (Sbe2b/Ae)	Oryza sativa	3000					
846	D38221	Starch synthaseI (Ss1)	Oryza sativa	139					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=961495&dopt=GenBank
847	X64770	Sucrose synthase (Sh1)	Oryza sativa	1677					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20365&dopt=GenBank
848	AC084380	Sucrose synthase (Sus1)	Oryza sativa	12416					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1462508&dopt=GenBank
849	AB015615	Sugary1 (Su1)	Oryza sativa	1486					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=3252793&dopt=GenBank
850	AP003073	Calcium-dependent protein kinase (CDPK)	Oryza sativa	3077					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1224912&dopt=GenBank
851	D63955	Gm1p15 (bZIP factor)	Oryza sativa	2798					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=14289164&dopt=GenBank
852	AP002855	Golden2	Oryza sativa	4083					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11034690&dopt=GenBank
853	AP002861	Indeterminate spikelet 1 (ids1)	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1080005&dopt=GenBank
854	U70541	Liguleless1 (lg1)	Oryza sativa	1966					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=2149018&dopt=GenBank
855	AC034258	P1-rr	Oryza sativa	2587					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13702835&dopt=GenBank
856	Y15219	Pericarp color1 (P1)	Oryza sativa	238					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=4138298&dopt=GenBank
857	AF474141	Pericarp color2 (P2)	Oryza sativa	876					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19072771&dopt=GenBank
858	AB036786	Protein kinase alpha subunit (CK2)	Oryza sativa	1098					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=12697576&dopt=GenBank
859	AF229199	Receptor-like protein kinase (PK1)	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11244751&dopt=GenBank
860	AB058397	terminal ear1	Oryza sativa	1731					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=13442779&dopt=GenBank
861	AP003105	ZEMb	Oryza sativa	4315					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=131611410&dopt=GenBank
862	AF345911	ZMADS2, MADS-box gene expressed in root tip and pollen	Oryza sativa	125					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15824794&dopt=GenBank
863	AP002836	Me gene expressed in immature embryo	Oryza sativa	2740					http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=9711819&dopt=GenBank
864	AL513402	Ferredoxin II	Oryza sativa				6001		http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=Nucleotide&list_uids=12711300&dopt=GenBank
865	AC121364	pyruvate decarboxylase2	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=20975773&dopt=GenBank
866	AC096688	translational elongation factor EF-TuM	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18092992&dopt=GenBank
867	AP004161	calpain-like protein (dek1)	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=15594173&dopt=GenBank
868	AY043215	Teosinte branched 1 (tb1)	Oryza sativa						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=1574104&dopt=GenBank
869	X61280	HRPG	Oryza sativa	1060	1060			2467	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=433815&dopt=GenBank
870	L10345	Beta-amylase (Amy2)	Oryza sativa	155	208		106	3043	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=169776&dopt=GenBank
871	AF466204	Teosinte branched 1 (tb1)	S. bicolor						http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18568251&dopt=GenBank
872	X07931	Wxy1	Hordeum vulgare	988	1590	988	794	5153	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=19126&dopt=GenBank
873	X12735	Cab2	Hordeum vulgare	181	181				http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=189423&dopt=GenBank
874	AF234163	Ss1	Hordeum vulgare	1128	1128			8387	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=7188795&dopt=GenBank
875	AJ301645	Bmy1	Hordeum vulgare	1261	1261			4951	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=11322498&dopt=GenBank
876	X58339	CHS	Hordeum vulgare	2007		2007	1813	5230	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=22087&dopt=GenBank
877	X12733	Adh2	Hordeum vulgare	218	288	218	182	2310	http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=nucleotide&list_uids=18883&dopt=GenBank

