

No.	AgriPlex ID	Allele_1	Allele_2	Chromosome	Position	Trait
1	AGP_SNP2501_S1_1007742	C	T	1	1007742	Polymorphic in Stiff Stalk Material
2	AGP_SNP0002_S1_1020677	G	A	1	1020677	Plant and Ear Height
3	AGP_SNP0018_S1_2018002	T	C	1	2018002	Plant and Ear Height
4	AGP_SNP0020_S1_2101934	T	C	1	2101934	Plant and Ear Height
5	AGP_SNP0028_S1_2275970	A	C	1	2275970	Plant and Ear Height
6	AGP_SNP2598_S1_2800964	G	A	1	2800964	Polymorphic in Stiff Stalk Material
7	AGP_SNP0064_S1_2811950	G	C	1	2811950	Plant and Ear Height
8	AGP_SNP2611_S1_2888631	A	G	1	2888631	Polymorphic in Stiff Stalk Material
9	AGP_SNP0130_S1_3023078	T	C	1	3023078	Plant and Ear Height
10	AGP_SNP0133_S1_3027593	G	A	1	3027593	Plant and Ear Height
11	AGP_SNP0148_S1_3113549	C	G	1	3113549	Flowering Time
12	AGP_SNP2645_S1_3165324	G	C	1	3165324	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
13	AGP_SNP1508_S1_3224170	G	A	1	3224170	Grain Moisture
14	AGP_SNP2650_S1_3370337	A	G	1	3370337	Polymorphic in Stiff Stalk Material
15	AGP_SNP0149_S1_3371362	C	G	1	3371362	Plant and Ear Height
16	AGP_SNP2654_S1_4082864	T	C	1	4082864	Polymorphic in Stiff Stalk Material
17	AGP_SNP1890_S1_4083443	C	T	1	4083443	Flowering Time, Grain Moisture
18	AGP_SNP2655_S1_4083493	A	G	1	4083493	Plant and Ear Height
19	AGP_SNP2209_S1_4091412	A	G	1	4091412	Yield
20	AGP_SNP2664_S1_4786541	C	G	1	4786541	Polymorphic in Stiff Stalk Material
21	AGP_SNP0162_S1_4860666	G	A	1	4860666	Flowering Time
22	AGP_SNP0170_S1_5050985	T	C	1	5050985	Plant and Ear Height
23	AGP_SNP0171_S1_5051275	A	T	1	5051275	Plant and Ear Height
24	AGP_SNP2673_S1_5840281	T	A	1	5840281	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
25	AGP_SNP2354_S1_6247673	A	G	1	6247673	Yield
26	AGP_SNP2685_S1_6726074	T	C	1	6726074	Polymorphic in Stiff Stalk Material
27	AGP_SNP0195_S1_7019860	T	C	1	7019860	Flowering Time

28	AGP_SNP0205_S1_8308877	T	A	1	8308877	Ear, Kernel,or Cob Morphology
29	AGP_SNP0206_S1_8424731	C	G	1	8424731	Plant and Ear Height
30	AGP_SNP0207_S1_8614659	T	C	1	8614659	Ear, Kernel,or Cob Morphology
31	AGP_SNP0208_S1_8614992	G	A	1	8614992	Plant and Ear Height
32	AGP_SNP2696_S1_9389027	C	T	1	9389027	Ear, Kernel,or Cob Morphology
33	AGP_SNP2697_S1_9424346	T	C	1	9424346	Polymorphic in Stiff Stalk Material
34	AGP_SNP2698_S1_9818592	C	A	1	9818592	Yield
35	AGP_SNP0001_S1_10193899	T	C	1	10193899	Yield
36	AGP_SNP0004_S1_10680837	G	A	1	10680837	Plant and Ear Height
37	AGP_SNP1942_S1_10913935	A	C	1	10913935	Yield
38	AGP_SNP2417_S1_12066883	G	T	1	12066883	Flowering Time
39	AGP_SNP2506_S1_12071750	A	G	1	12071750	Polymorphic in Stiff Stalk Material
40	AGP_SNP2508_S1_13721542	A	G	1	13721542	Polymorphic in Stiff Stalk Material
41	AGP_SNP2512_S1_17043397	A	T	1	17043397	Polymorphic in Stiff Stalk Material
42	AGP_SNP2134_S1_17084072	T	C	1	17084072	Grain Moisture
43	AGP_SNP2400_S1_17880318	A	G	1	17880318	Grain Moisture
44	AGP_SNP0010_S1_19199917	C	T	1	19199917	Plant and Ear Height
45	AGP_SNP1946_S1_19533759	C	T	1	19533759	Yield
46	AGP_SNP1692_S1_19817258	A	T	1	19817258	Flowering Time
47	AGP_SNP0017_S1_19954785	C	T	1	19954785	Yield
48	AGP_SNP2536_S1_21238924	C	A	1	21238924	Polymorphic in Stiff Stalk Material
49	AGP_SNP2267_S1_21625862	T	C	1	21625862	Plant and Ear Height, Yield
50	AGP_SNP2551_S1_22816035	G	A	1	22816035	Polymorphic in Stiff Stalk Material
51	AGP_SNP0030_S1_22826147	C	T	1	22826147	Ear, Kernel,or Cob Morphology
52	AGP_SNP0034_S1_23368846	C	T	1	23368846	Tassel Architecture
53	AGP_SNP2563_S1_24749523	G	C	1	24749523	Polymorphic in Stiff Stalk Material
54	AGP_SNP2269_S1_24898795	C	T	1	24898795	Flowering Time
55	AGP_SNP0050_S1_25897362	G	A	1	25897362	Flowering Time
56	AGP_SNP0051_S1_25904060	G	A	1	25904060	Plant and Ear Height
57	AGP_SNP2575_S1_25937934	A	G	1	25937934	Polymorphic in Stiff Stalk Material
58	AGP_SNP2584_S1_26638329	T	C	1	26638329	Yield
59	AGP_SNP2586_S1_26652199	G	A	1	26652199	Polymorphic in Stiff Stalk Material
60	AGP_SNP0059_S1_27570202	C	T	1	27570202	Ear, Kernel,or Cob Morphology

61	AGP_SNP2270_S1_27721183	G	T	1	27721183	Plant and Ear Height
62	AGP_SNP2597_S1_27978807	G	A	1	27978807	Polymorphic in Stiff Stalk Material
63	AGP_SNP2024_S1_28862889	A	G	1	28862889	Grain Moisture, Plant and Ear Height, Yield
64	AGP_SNP0088_S1_28901698	A	G	1	28901698	Flowering Time
65	AGP_SNP0089_S1_28901862	A	G	1	28901862	Flowering Time
66	AGP_SNP0095_S1_29134257	G	A	1	29134257	Flowering Time
67	AGP_SNP0103_S1_29231650	A	G	1	29231650	Flowering Time
68	AGP_SNP0104_S1_29231833	G	C	1	29231833	Flowering Time
69	AGP_SNP2620_S1_29238866	C	T	1	29238866	Polymorphic in Stiff Stalk Material
70	AGP_SNP2644_S1_31207798	T	G	1	31207798	Polymorphic in Stiff Stalk Material
71	AGP_SNP2651_S1_36187284	C	T	1	36187284	Polymorphic in Stiff Stalk Material
72	AGP_SNP0151_S1_36920546	G	C	1	36920546	Grain Moisture
73	AGP_SNP0152_S1_38158762	A	G	1	38158762	Grain Moisture
74	AGP_SNP0153_S1_38176608	C	G	1	38176608	Grain Moisture
75	AGP_SNP2653_S1_39327127	C	T	1	39327127	Polymorphic in Stiff Stalk Material
76	AGP_SNP0154_S1_39740428	A	C	1	39740428	Grain Moisture
77	AGP_SNP0155_S1_39838119	T	C	1	39838119	Grain Moisture
78	AGP_SNP2656_S1_41300516	C	T	1	41300516	Polymorphic in Stiff Stalk Material
79	AGP_SNP2657_S1_42912973	G	C	1	42912973	Polymorphic in Stiff Stalk Material
80	AGP_SNP0157_S1_42953805	T	C	1	42953805	Flowering Time
81	AGP_SNP0158_S1_42966940	A	G	1	42966940	Flowering Time
82	AGP_SNP0159_S1_42979644	G	A	1	42979644	Flowering Time
83	AGP_SNP2658_S1_44793022	A	G	1	44793022	Ear, Kernel,or Cob Morphology, Plant and Ear Height
84	AGP_SNP0160_S1_45597675	T	C	1	45597675	Flowering Time
85	AGP_SNP2661_S1_45767563	G	A	1	45767563	Yield
86	AGP_SNP2663_S1_46757901	T	C	1	46757901	Polymorphic in Stiff Stalk Material
87	AGP_SNP2454_S1_47427283	T	C	1	47427283	Yield
88	AGP_SNP0164_S1_49461817	G	A	1	49461817	Ear, Kernel,or Cob Morphology
89	AGP_SNP0165_S1_49469580	A	G	1	49469580	Ear, Kernel,or Cob Morphology
90	AGP_SNP0166_S1_49580955	A	G	1	49580955	Ear, Kernel,or Cob Morphology
91	AGP_SNP0167_S1_49594425	C	T	1	49594425	Ear, Kernel,or Cob Morphology
92	AGP_SNP0168_S1_49649087	A	G	1	49649087	Ear, Kernel,or Cob Morphology
93	AGP_SNP0169_S1_49651854	T	C	1	49651854	Ear, Kernel,or Cob Morphology

94	AGP_SNP2665_S1_49651956	C	T	1	49651956	Polymorphic in Stiff Stalk Material
95	AGP_SNP0172_S1_50561910	C	T	1	50561910	Ear, Kernel,or Cob Morphology
96	AGP_SNP0173_S1_50588263	A	G	1	50588263	Ear, Kernel,or Cob Morphology
97	AGP_SNP0174_S1_50607304	G	C	1	50607304	Ear, Kernel,or Cob Morphology
98	AGP_SNP2666_S1_50923878	G	A	1	50923878	Grain Moisture
99	AGP_SNP2667_S1_51051541	T	C	1	51051541	Polymorphic in Stiff Stalk Material
100	AGP_SNP0176_S1_51631752	C	T	1	51631752	Ear, Kernel,or Cob Morphology
101	AGP_SNP0177_S1_52103257	T	C	1	52103257	Flowering Time
102	AGP_SNP2668_S1_52403306	T	C	1	52403306	Grain Moisture
103	AGP_SNP2669_S1_52638852	C	T	1	52638852	Polymorphic in Stiff Stalk Material
104	AGP_SNP0178_S1_52827076	G	C	1	52827076	Plant and Ear Height
105	AGP_SNP0179_S1_52827088	A	C	1	52827088	Plant and Ear Height
106	AGP_SNP0180_S1_53479910	G	T	1	53479910	Flowering Time
107	AGP_SNP2164_S1_53696912	T	C	1	53696912	Grain Moisture
108	AGP_SNP2670_S1_54271779	C	G	1	54271779	Polymorphic in Stiff Stalk Material
109	AGP_SNP2493_S1_54626740	C	T	1	54626740	Yield
110	AGP_SNP2495_S1_54626750	A	C	1	54626750	Yield
111	AGP_SNP0182_S1_54817368	A	G	1	54817368	Flowering Time
112	AGP_SNP0183_S1_55004474	T	C	1	55004474	Flowering Time
113	AGP_SNP2671_S1_55146349	G	A	1	55146349	Polymorphic in Stiff Stalk Material
114	AGP_SNP0184_S1_55541386	C	T	1	55541386	Flowering Time
115	AGP_SNP1543_S1_61260951	A	G	1	61260951	Flowering Time
116	AGP_SNP2681_S1_61754639	A	G	1	61754639	Polymorphic in Stiff Stalk Material
117	AGP_SNP1937_S1_61799908	G	C	1	61799908	Grain Moisture
118	AGP_SNP2682_S1_63022674	T	A	1	63022674	Polymorphic in Stiff Stalk Material
119	AGP_SNP0186_S1_63293951	T	C	1	63293951	Grain Moisture
120	AGP_SNP0187_S1_63502088	A	G	1	63502088	Yield
121	AGP_SNP2683_S1_64145901	C	T	1	64145901	Polymorphic in Stiff Stalk Material
122	AGP_SNP0188_S1_65380919	C	T	1	65380919	Plant and Ear Height
123	AGP_SNP2684_S1_65579627	A	G	1	65579627	Polymorphic in Stiff Stalk Material
124	AGP_SNP0189_S1_67232203	A	C	1	67232203	Plant and Ear Height
125	AGP_SNP2686_S1_67488176	T	C	1	67488176	Polymorphic in Stiff Stalk Material
126	AGP_SNP0190_S1_67488476	C	T	1	67488476	Plant and Ear Height

127	AGP_SNP0191_S1_67655530	A	T	1	67655530	Plant and Ear Height
128	AGP_SNP0192_S1_67930774	G	T	1	67930774	Plant and Ear Height
129	AGP_SNP0193_S1_67930852	T	C	1	67930852	Flowering Time
130	AGP_SNP1514_S1_68588019	T	C	1	68588019	Ear, Kernel,or Cob Morphology
131	AGP_SNP0194_S1_69884958	A	G	1	69884958	Plant and Ear Height
132	AGP_SNP0196_S1_70237562	G	A	1	70237562	Plant and Ear Height
133	AGP_SNP0197_S1_70237837	C	G	1	70237837	Tassel Architecture
134	AGP_SNP0198_S1_70787556	T	A	1	70787556	Plant and Ear Height
135	AGP_SNP2688_S1_70939171	G	A	1	70939171	Polymorphic in Stiff Stalk Material
136	AGP_SNP0199_S1_71083982	G	A	1	71083982	Plant and Ear Height
137	AGP_SNP1784_S1_72143952	T	G	1	72143952	Ear, Kernel,or Cob Morphology
138	AGP_SNP2266_S1_72143965	T	C	1	72143965	Ear, Kernel,or Cob Morphology
139	AGP_SNP2689_S1_74028862	G	A	1	74028862	Polymorphic in Stiff Stalk Material
140	AGP_SNP2690_S1_76061725	C	T	1	76061725	Polymorphic in Stiff Stalk Material
141	AGP_SNP2691_S1_79764069	T	C	1	79764069	Polymorphic in Stiff Stalk Material
142	AGP_SNP0201_S1_79974668	G	A	1	79974668	Plant and Ear Height
143	AGP_SNP2239_S1_81902385	C	A	1	81902385	Flowering Time
144	AGP_SNP0202_S1_82376170	C	A	1	82376170	Ear, Kernel,or Cob Morphology
145	AGP_SNP0203_S1_82824904	C	A	1	82824904	Grain Moisture
146	AGP_SNP0204_S1_83001157	T	C	1	83001157	Root Architecture
147	AGP_SNP2692_S1_84350697	T	C	1	84350697	Polymorphic in Stiff Stalk Material
148	AGP_SNP2215_S1_85241654	G	A	1	85241654	Grain Moisture
149	AGP_SNP2316_S1_85242735	T	C	1	85242735	Yield
150	AGP_SNP2694_S1_90306830	T	A	1	90306830	Polymorphic in Stiff Stalk Material
151	AGP_SNP2695_S1_93713464	G	A	1	93713464	Polymorphic in Stiff Stalk Material
152	AGP_SNP2699_S1_98537890	C	A	1	98537890	Polymorphic in Stiff Stalk Material
153	AGP_SNP0210_S1_99764648	G	C	1	99764648	Grain Moisture
154	AGP_SNP2502_S1_104266693	T	C	1	104266693	Polymorphic in Stiff Stalk Material
155	AGP_SNP2504_S1_112531942	C	A	1	112531942	Polymorphic in Stiff Stalk Material
156	AGP_SNP2505_S1_117067166	A	G	1	117067166	Polymorphic in Stiff Stalk Material
157	AGP_SNP2507_S1_135002819	T	A	1	135002819	Polymorphic in Stiff Stalk Material
158	AGP_SNP0006_S1_154626318	C	T	1	154626318	Plant and Ear Height
159	AGP_SNP2509_S1_160143536	C	A	1	160143536	Polymorphic in Stiff Stalk Material

160	AGP_SNP2510_S1_168376973	G	A	1	168376973	Polymorphic in Stiff Stalk Material
161	AGP_SNP2513_S1_171255509	T	C	1	171255509	Polymorphic in Stiff Stalk Material
162	AGP_SNP2491_S1_174893075	G	A	1	174893075	Flowering Time
163	AGP_SNP2516_S1_175592912	T	C	1	175592912	Flowering Time
164	AGP_SNP1856_S1_177289309	A	G	1	177289309	Flowering Time
165	AGP_SNP2518_S1_177307583	A	G	1	177307583	Yield
166	AGP_SNP2519_S1_177307602	C	A	1	177307602	Yield
167	AGP_SNP2520_S1_177392527	G	A	1	177392527	Polymorphic in Stiff Stalk Material
168	AGP_SNP0007_S1_177392973	C	A	1	177392973	Ear, Kernel,or Cob Morphology
169	AGP_SNP0008_S1_178116483	G	T	1	178116483	Ear, Kernel,or Cob Morphology
170	AGP_SNP2521_S1_179367636	A	C	1	179367636	Polymorphic in Stiff Stalk Material
171	AGP_SNP2522_S1_183420077	G	A	1	183420077	Polymorphic in Stiff Stalk Material
172	AGP_SNP1984_S1_184392265	G	A	1	184392265	Flowering Time
173	AGP_SNP2523_S1_186695297	G	T	1	186695297	Polymorphic in Stiff Stalk Material
174	AGP_SNP0009_S1_188811188	G	C	1	188811188	Disease Resistance
175	AGP_SNP2524_S1_188811510	C	T	1	188811510	Polymorphic in Stiff Stalk Material
176	AGP_SNP2525_S1_192214923	C	T	1	192214923	Polymorphic in Stiff Stalk Material
177	AGP_SNP2007_S1_193302766	C	G	1	193302766	Flowering Time
178	AGP_SNP2526_S1_193403593	G	A	1	193403593	Polymorphic in Stiff Stalk Material
179	AGP_SNP0011_S1_194747821	C	T	1	194747821	Plant and Ear Height
180	AGP_SNP2527_S1_194883376	A	T	1	194883376	Polymorphic in Stiff Stalk Material
181	AGP_SNP0012_S1_194883734	G	A	1	194883734	Flowering Time
182	AGP_SNP0013_S1_195755225	A	T	1	195755225	Ear, Kernel,or Cob Morphology
183	AGP_SNP0014_S1_195765736	C	T	1	195765736	Ear, Kernel,or Cob Morphology
184	AGP_SNP2528_S1_196760211	C	T	1	196760211	Polymorphic in Stiff Stalk Material
185	AGP_SNP2045_S1_197658534	A	G	1	197658534	Flowering Time
186	AGP_SNP2237_S1_199031309	A	G	1	199031309	Flowering Time
187	AGP_SNP0015_S1_199277445	G	C	1	199277445	Grain Moisture
188	AGP_SNP0016_S1_199318165	C	G	1	199318165	Yield
189	AGP_SNP2529_S1_199318391	G	A	1	199318391	Polymorphic in Stiff Stalk Material
190	AGP_SNP2531_S1_200871315	G	A	1	200871315	Flowering Time
191	AGP_SNP2532_S1_203690794	C	G	1	203690794	Polymorphic in Stiff Stalk Material
192	AGP_SNP2533_S1_205867610	C	T	1	205867610	Polymorphic in Stiff Stalk Material

193	AGP_SNP2238_S1_206556648	A	G	1	206556648	Grain Moisture
194	AGP_SNP2534_S1_207534334	G	C	1	207534334	Polymorphic in Stiff Stalk Material
195	AGP_SNP2535_S1_210194624	A	C	1	210194624	Grain Moisture
196	AGP_SNP1781_S1_213603082	G	A	1	213603082	Ear, Kernel,or Cob Morphology, Flowering Time
197	AGP_SNP2537_S1_214167368	C	A	1	214167368	Polymorphic in Stiff Stalk Material
198	AGP_SNP2492_S1_216085070	C	G	1	216085070	Flowering Time
199	AGP_SNP2539_S1_216441690	C	T	1	216441690	Polymorphic in Stiff Stalk Material
200	AGP_SNP1919_S1_217340021	C	G	1	217340021	Plant and Ear Height
201	AGP_SNP1843_S1_218784296	C	T	1	218784296	Ear, Kernel,or Cob Morphology, Grain Moisture, Plant and Ear Height
202	AGP_SNP0022_S1_220931854	G	T	1	220931854	Ear, Kernel,or Cob Morphology
203	AGP_SNP2541_S1_221188116	G	A	1	221188116	Ear, Kernel,or Cob Morphology
204	AGP_SNP0023_S1_222074998	G	A	1	222074998	Tassel Architecture
205	AGP_SNP2542_S1_222145931	G	T	1	222145931	Polymorphic in Stiff Stalk Material
206	AGP_SNP0026_S1_224504536	G	A	1	224504536	Ear, Kernel,or Cob Morphology
207	AGP_SNP0027_S1_224955996	G	A	1	224955996	Ear, Kernel,or Cob Morphology
208	AGP_SNP2543_S1_225214186	A	G	1	225214186	Polymorphic in Stiff Stalk Material
209	AGP_SNP2544_S1_226580848	C	T	1	226580848	Polymorphic in Stiff Stalk Material
210	AGP_SNP2547_S1_227210945	G	C	1	227210945	Yield
211	AGP_SNP2549_S1_227214041	G	A	1	227214041	Yield
212	AGP_SNP0029_S1_227836197	G	A	1	227836197	Ear, Kernel,or Cob Morphology
213	AGP_SNP2550_S1_228067077	A	G	1	228067077	Polymorphic in Stiff Stalk Material
214	AGP_SNP0031_S1_228777111	T	G	1	228777111	Plant and Ear Height
215	AGP_SNP0033_S1_229362381	C	A	1	229362381	Plant and Ear Height
216	AGP_SNP2552_S1_229614348	A	C	1	229614348	Polymorphic in Stiff Stalk Material
217	AGP_SNP1993_S1_229624647	G	A	1	229624647	Grain Moisture, Plant and Ear Height, Yield
218	AGP_SNP2553_S1_231144006	C	T	1	231144006	Grain Moisture
219	AGP_SNP2554_S1_231670600	T	G	1	231670600	Polymorphic in Stiff Stalk Material
220	AGP_SNP2555_S1_234071369	C	A	1	234071369	Polymorphic in Stiff Stalk Material
221	AGP_SNP2557_S1_237980181	T	C	1	237980181	Polymorphic in Stiff Stalk Material
222	AGP_SNP0035_S1_239778934	C	T	1	239778934	Yield
223	AGP_SNP0036_S1_239779108	A	G	1	239779108	Yield
224	AGP_SNP2558_S1_239974458	G	A	1	239974458	Polymorphic in Stiff Stalk Material
225	AGP_SNP0037_S1_240319705	T	C	1	240319705	Plant and Ear Height

226	AGP_SNP2560_S1_245069210	C	G	1	245069210	Polymorphic in Stiff Stalk Material
227	AGP_SNP0038_S1_245927550	G	A	1	245927550	Flowering Time
228	AGP_SNP2561_S1_246327000	C	T	1	246327000	Polymorphic in Stiff Stalk Material
229	AGP_SNP0039_S1_246528913	A	G	1	246528913	Flowering Time
230	AGP_SNP2562_S1_246930727	A	T	1	246930727	Polymorphic in Stiff Stalk Material
231	AGP_SNP2564_S1_248176455	T	C	1	248176455	Polymorphic in Stiff Stalk Material
232	AGP_SNP2565_S1_250252471	G	T	1	250252471	Plant and Ear Height
233	AGP_SNP0040_S1_250258514	T	C	1	250258514	Flowering Time
234	AGP_SNP0041_S1_250313669	C	G	1	250313669	Flowering Time
235	AGP_SNP0042_S1_251426821	T	C	1	251426821	Flowering Time
236	AGP_SNP0043_S1_252128005	A	G	1	252128005	Plant and Ear Height
237	AGP_SNP2567_S1_252189312	G	A	1	252189312	Polymorphic in Stiff Stalk Material
238	AGP_SNP0044_S1_254268145	T	A	1	254268145	Flowering Time
239	AGP_SNP0045_S1_254311403	A	T	1	254311403	Flowering Time
240	AGP_SNP2568_S1_254314212	G	A	1	254314212	Flowering Time
241	AGP_SNP2569_S1_254730123	C	T	1	254730123	Polymorphic in Stiff Stalk Material
242	AGP_SNP0046_S1_254731990	T	A	1	254731990	Flowering Time
243	AGP_SNP0047_S1_254732450	A	G	1	254732450	Flowering Time
244	AGP_SNP0048_S1_254738006	A	C	1	254738006	Flowering Time
245	AGP_SNP1488_S1_254980069	G	A	1	254980069	Plant and Ear Height
246	AGP_SNP0049_S1_255339302	G	A	1	255339302	Plant and Ear Height
247	AGP_SNP2570_S1_255352181	T	C	1	255352181	Polymorphic in Stiff Stalk Material
248	AGP_SNP1833_S1_257312468	T	C	1	257312468	Ear, Kernel,or Cob Morphology
249	AGP_SNP2572_S1_258510992	A	G	1	258510992	Yield
250	AGP_SNP2574_S1_259134135	T	C	1	259134135	Polymorphic in Stiff Stalk Material
251	AGP_SNP1611_S1_259401874	A	G	1	259401874	Ear, Kernel,or Cob Morphology, Plant and Ear Height
252	AGP_SNP2577_S1_260544980	G	T	1	260544980	Polymorphic in Stiff Stalk Material
253	AGP_SNP2578_S1_261456944	A	G	1	261456944	Polymorphic in Stiff Stalk Material
254	AGP_SNP2579_S1_261563363	G	T	1	261563363	Ear, Kernel,or Cob Morphology, Plant and Ear Height
255	AGP_SNP0052_S1_261565696	A	G	1	261565696	Grain Moisture
256	AGP_SNP0053_S1_262832685	C	T	1	262832685	Plant and Ear Height
257	AGP_SNP0054_S1_262984673	T	A	1	262984673	Plant and Ear Height
258	AGP_SNP0055_S1_263089262	A	G	1	263089262	Grain Moisture

259	AGP_SNP2581_S1_263089768	A	G	1	263089768	Polymorphic in Stiff Stalk Material
260	AGP_SNP0056_S1_263869417	G	A	1	263869417	Plant and Ear Height
261	AGP_SNP2582_S1_264032977	T	C	1	264032977	Ear, Kernel,or Cob Morphology, Plant and Ear Height
262	AGP_SNP0057_S1_264033204	G	A	1	264033204	Plant and Ear Height
263	AGP_SNP2587_S1_268826064	G	A	1	268826064	Plant and Ear Height
264	AGP_SNP2588_S1_268833938	A	G	1	268833938	Polymorphic in Stiff Stalk Material
265	AGP_SNP2294_S1_269114894	G	C	1	269114894	Plant and Ear Height
266	AGP_SNP1892_S1_273735827	C	T	1	273735827	Flowering Time
267	AGP_SNP2591_S1_274475634	A	G	1	274475634	Polymorphic in Stiff Stalk Material
268	AGP_SNP0058_S1_275604002	A	G	1	275604002	Ear, Kernel,or Cob Morphology
269	AGP_SNP0060_S1_275722303	C	G	1	275722303	Ear, Kernel,or Cob Morphology
270	AGP_SNP2396_S1_275837252	T	C	1	275837252	Flowering Time
271	AGP_SNP2592_S1_275887092	T	C	1	275887092	Polymorphic in Stiff Stalk Material
272	AGP_SNP0061_S1_277707178	T	C	1	277707178	Ear, Kernel,or Cob Morphology
273	AGP_SNP2593_S1_278756927	C	T	1	278756927	Polymorphic in Stiff Stalk Material
274	AGP_SNP2594_S1_278757478	C	A	1	278757478	Ear, Kernel,or Cob Morphology, Plant and Ear Height
275	AGP_SNP1574_S1_278982963	T	G	1	278982963	Ear, Kernel,or Cob Morphology, Plant and Ear Height
276	AGP_SNP0062_S1_278992302	C	G	1	278992302	Ear, Kernel,or Cob Morphology
277	AGP_SNP2596_S1_279660945	T	G	1	279660945	Polymorphic in Stiff Stalk Material
278	AGP_SNP0063_S1_281052067	T	C	1	281052067	Ear, Kernel,or Cob Morphology
279	AGP_SNP2599_S1_281681637	C	T	1	281681637	Polymorphic in Stiff Stalk Material
280	AGP_SNP1633_S1_281860320	C	T	1	281860320	Ear, Kernel,or Cob Morphology, Plant and Ear Height
281	AGP_SNP0065_S1_281860733	C	T	1	281860733	Plant and Ear Height
282	AGP_SNP2135_S1_281904515	C	T	1	281904515	Ear, Kernel,or Cob Morphology, Plant and Ear Height
283	AGP_SNP1513_S1_282025244	T	C	1	282025244	Ear, Kernel,or Cob Morphology, Plant and Ear Height
284	AGP_SNP1534_S1_282332826	C	T	1	282332826	Plant and Ear Height
285	AGP_SNP0066_S1_282429723	A	G	1	282429723	Plant and Ear Height
286	AGP_SNP2600_S1_282430143	C	T	1	282430143	Polymorphic in Stiff Stalk Material
287	AGP_SNP0067_S1_282641564	C	G	1	282641564	Plant and Ear Height
288	AGP_SNP0068_S1_282866022	T	A	1	282866022	Plant and Ear Height
289	AGP_SNP0069_S1_282961510	C	T	1	282961510	Plant and Ear Height
290	AGP_SNP2602_S1_283696325	A	G	1	283696325	Plant and Ear Height
291	AGP_SNP0070_S1_284567398	C	T	1	284567398	Plant and Ear Height

292	AGP_SNP0071_S1_284775241	A	G	1	284775241	Plant and Ear Height
293	AGP_SNP0072_S1_284776735	C	T	1	284776735	Plant and Ear Height
294	AGP_SNP0073_S1_284862230	A	G	1	284862230	Plant and Ear Height
295	AGP_SNP0074_S1_284896531	C	T	1	284896531	Plant and Ear Height
296	AGP_SNP0075_S1_285109719	A	G	1	285109719	Plant and Ear Height
297	AGP_SNP2603_S1_285256763	T	A	1	285256763	Polymorphic in Stiff Stalk Material
298	AGP_SNP0076_S1_287013302	C	A	1	287013302	Plant and Ear Height
299	AGP_SNP0077_S1_287112427	A	T	1	287112427	Plant and Ear Height
300	AGP_SNP0078_S1_287158098	G	C	1	287158098	Plant and Ear Height
301	AGP_SNP2604_S1_287767988	T	G	1	287767988	Polymorphic in Stiff Stalk Material
302	AGP_SNP0080_S1_287896811	C	T	1	287896811	Plant and Ear Height
303	AGP_SNP0081_S1_287897109	A	G	1	287897109	Ear, Kernel,or Cob Morphology
304	AGP_SNP0082_S1_287955406	G	A	1	287955406	Plant and Ear Height
305	AGP_SNP0083_S1_287995733	C	T	1	287995733	Ear, Kernel,or Cob Morphology
306	AGP_SNP0084_S1_288426011	A	T	1	288426011	Plant and Ear Height
307	AGP_SNP0086_S1_288426392	G	C	1	288426392	Plant and Ear Height
308	AGP_SNP2448_S1_289282560	A	G	1	289282560	Ear, Kernel,or Cob Morphology, Yield
309	AGP_SNP0091_S1_289484026	G	A	1	289484026	Grain Moisture
310	AGP_SNP0092_S1_289558741	A	C	1	289558741	Grain Moisture
311	AGP_SNP2612_S1_289559927	A	G	1	289559927	Polymorphic in Stiff Stalk Material
312	AGP_SNP2613_S1_289561097	C	G	1	289561097	Ear, Kernel,or Cob Morphology, Yield
313	AGP_SNP0093_S1_290780255	T	C	1	290780255	Grain Moisture
314	AGP_SNP0097_S1_291863254	T	C	1	291863254	Grain Moisture
315	AGP_SNP0099_S1_291904261	T	C	1	291904261	Flowering Time
316	AGP_SNP2618_S1_291927645	C	T	1	291927645	Ear, Kernel,or Cob Morphology, Yield
317	AGP_SNP0100_S1_291936844	A	G	1	291936844	Plant and Ear Height
318	AGP_SNP1576_S1_292131439	G	T	1	292131439	Plant and Ear Height
319	AGP_SNP0101_S1_292188211	A	G	1	292188211	Ear, Kernel,or Cob Morphology
320	AGP_SNP0102_S1_292189290	G	A	1	292189290	Yield
321	AGP_SNP0105_S1_292559475	G	C	1	292559475	Ear, Kernel,or Cob Morphology
322	AGP_SNP2621_S1_292607286	G	A	1	292607286	Polymorphic in Stiff Stalk Material
323	AGP_SNP0108_S1_293322158	A	T	1	293322158	Ear, Kernel,or Cob Morphology
324	AGP_SNP2622_S1_293666348	G	T	1	293666348	Polymorphic in Stiff Stalk Material

325	AGP_SNP2623_S1_294524689	C	T	1	294524689	Polymorphic in Stiff Stalk Material
326	AGP_SNP0110_S1_295606882	C	T	1	295606882	Flowering Time
327	AGP_SNP0111_S1_295655169	C	T	1	295655169	Ear, Kernel,or Cob Morphology
328	AGP_SNP0112_S1_295655425	T	C	1	295655425	Flowering Time
329	AGP_SNP0113_S1_295841168	A	C	1	295841168	Flowering Time
330	AGP_SNP0114_S1_295842024	A	G	1	295842024	Flowering Time
331	AGP_SNP0115_S1_295847759	G	A	1	295847759	Ear, Kernel,or Cob Morphology
332	AGP_SNP0116_S1_296263882	C	T	1	296263882	Ear, Kernel,or Cob Morphology
333	AGP_SNP2624_S1_297129406	C	G	1	297129406	Polymorphic in Stiff Stalk Material
334	AGP_SNP0118_S1_297155444	C	A	1	297155444	Ear, Kernel,or Cob Morphology
335	AGP_SNP2625_S1_297299124	A	T	1	297299124	Polymorphic in Stiff Stalk Material
336	AGP_SNP2028_S1_297693043	T	G	1	297693043	Yield
337	AGP_SNP0119_S1_297821279	C	G	1	297821279	Grain Moisture
338	AGP_SNP0120_S1_297835206	T	C	1	297835206	Ear, Kernel,or Cob Morphology
339	AGP_SNP0121_S1_297988146	A	G	1	297988146	Flowering Time
340	AGP_SNP2627_S1_298732606	C	T	1	298732606	Polymorphic in Stiff Stalk Material
341	AGP_SNP2628_S1_299366946	A	G	1	299366946	Polymorphic in Stiff Stalk Material
342	AGP_SNP2483_S1_300685135	T	C	1	300685135	Ear, Kernel,or Cob Morphology
343	AGP_SNP2629_S1_300695527	C	A	1	300695527	Polymorphic in Stiff Stalk Material
344	AGP_SNP2227_S1_300813218	G	C	1	300813218	Ear, Kernel,or Cob Morphology
345	AGP_SNP1606_S1_301040186	T	C	1	301040186	Flowering Time
346	AGP_SNP0123_S1_301110783	T	C	1	301110783	Ear, Kernel,or Cob Morphology
347	AGP_SNP2631_S1_301136432	G	A	1	301136432	Polymorphic in Stiff Stalk Material
348	AGP_SNP0124_S1_301664490	A	G	1	301664490	Ear, Kernel,or Cob Morphology
349	AGP_SNP2632_S1_301963810	C	T	1	301963810	Polymorphic in Stiff Stalk Material
350	AGP_SNP0126_S1_301963849	G	A	1	301963849	Ear, Kernel,or Cob Morphology
351	AGP_SNP0127_S1_302074583	G	A	1	302074583	Yield
352	AGP_SNP0128_S1_302268166	A	G	1	302268166	Ear, Kernel,or Cob Morphology
353	AGP_SNP0129_S1_302268806	C	T	1	302268806	Ear, Kernel,or Cob Morphology
354	AGP_SNP0131_S1_302390178	T	C	1	302390178	Tassel Architecture
355	AGP_SNP2633_S1_302404864	G	T	1	302404864	Polymorphic in Stiff Stalk Material
356	AGP_SNP0132_S1_302444783	C	T	1	302444783	Ear, Kernel,or Cob Morphology
357	AGP_SNP2634_S1_302949773	C	T	1	302949773	Polymorphic in Stiff Stalk Material

358	AGP_SNP0134_S1_302964739	G	A	1	302964739	Ear, Kernel,or Cob Morphology
359	AGP_SNP0136_S1_302969587	C	T	1	302969587	Ear, Kernel,or Cob Morphology
360	AGP_SNP0137_S1_303116466	A	T	1	303116466	Ear, Kernel,or Cob Morphology
361	AGP_SNP0138_S1_303133452	G	A	1	303133452	Ear, Kernel,or Cob Morphology
362	AGP_SNP2635_S1_303135603	A	T	1	303135603	Polymorphic in Stiff Stalk Material
363	AGP_SNP0139_S1_303185920	T	G	1	303185920	Flowering Time
364	AGP_SNP0140_S1_303186646	G	A	1	303186646	Flowering Time
365	AGP_SNP0141_S1_303597643	A	G	1	303597643	Ear, Kernel,or Cob Morphology
366	AGP_SNP2636_S1_303600537	C	G	1	303600537	Flowering Time
367	AGP_SNP0142_S1_303814543	A	T	1	303814543	Ear, Kernel,or Cob Morphology
368	AGP_SNP0143_S1_303825999	C	T	1	303825999	Ear, Kernel,or Cob Morphology
369	AGP_SNP2637_S1_303832934	G	A	1	303832934	Polymorphic in Stiff Stalk Material
370	AGP_SNP0144_S1_303847256	G	C	1	303847256	Ear, Kernel,or Cob Morphology
371	AGP_SNP2638_S1_304921234	C	G	1	304921234	Polymorphic in Stiff Stalk Material
372	AGP_SNP0145_S1_304923212	A	G	1	304923212	Ear, Kernel,or Cob Morphology
373	AGP_SNP0146_S1_305086630	T	C	1	305086630	Ear, Kernel,or Cob Morphology
374	AGP_SNP0147_S1_305453976	A	T	1	305453976	Ear, Kernel,or Cob Morphology
375	AGP_SNP2639_S1_305526698	A	G	1	305526698	Polymorphic in Stiff Stalk Material
376	AGP_SNP2640_S1_306039559	T	C	1	306039559	Plant and Ear Height
377	AGP_SNP2641_S1_306043136	G	C	1	306043136	Plant and Ear Height
378	AGP_SNP1920_S1_306125534	C	T	1	306125534	Grain Moisture
379	AGP_SNP1997_S1_306272682	G	A	1	306272682	Plant and Ear Height
380	AGP_SNP2642_S1_306412211	G	C	1	306412211	Polymorphic in Stiff Stalk Material
381	AGP_SNP2643_S1_307484303	T	G	1	307484303	Polymorphic in Stiff Stalk Material
382	AGP_SNP0271_S2_1031301	G	A	2	1031301	Grain Moisture
383	AGP_SNP2781_S2_1186838	A	G	2	1186838	Polymorphic in Stiff Stalk Material
384	AGP_SNP0327_S2_1703653	C	T	2	1703653	Yield
385	AGP_SNP0335_S2_1817244	G	A	2	1817244	Grain Moisture
386	AGP_SNP2813_S2_1817603	A	C	2	1817603	Polymorphic in Stiff Stalk Material
387	AGP_SNP0338_S2_1817934	T	A	2	1817934	Plant and Ear Height
388	AGP_SNP0339_S2_1836809	C	G	2	1836809	Grain Moisture
389	AGP_SNP0461_S2_2353527	T	G	2	2353527	Plant and Ear Height
390	AGP_SNP0466_S2_2386652	G	T	2	2386652	Plant and Ear Height

391	AGP_SNP2875_S2_2532588	C	A	2	2532588	Polymorphic in Stiff Stalk Material
392	AGP_SNP2376_S2_2627244	C	T	2	2627244	Plant and Ear Height, Yield
393	AGP_SNP2380_S2_2627262	C	A	2	2627262	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
394	AGP_SNP2467_S2_2627324	C	T	2	2627324	Ear, Kernel,or Cob Morphology, Plant and Ear Height
395	AGP_SNP2320_S2_2631480	A	G	2	2631480	Ear, Kernel,or Cob Morphology, Plant and Ear Height
396	AGP_SNP2877_S2_2926780	C	T	2	2926780	Polymorphic in Stiff Stalk Material
397	AGP_SNP1938_S2_3287706	A	G	2	3287706	Grain Moisture, Plant and Ear Height
398	AGP_SNP0479_S2_3382610	G	A	2	3382610	Yield
399	AGP_SNP0480_S2_3823544	T	C	2	3823544	Ear, Kernel,or Cob Morphology
400	AGP_SNP2117_S2_3845096	G	T	2	3845096	Yield
401	AGP_SNP0486_S2_4269020	C	T	2	4269020	Plant and Ear Height
402	AGP_SNP2295_S2_4413966	T	C	2	4413966	Grain Moisture
403	AGP_SNP0492_S2_4542405	A	G	2	4542405	Tassel Architecture
404	AGP_SNP2895_S2_4588881	A	G	2	4588881	Polymorphic in Stiff Stalk Material
405	AGP_SNP0493_S2_4589048	T	C	2	4589048	Yield
406	AGP_SNP2348_S2_5301652	C	G	2	5301652	Yield
407	AGP_SNP1863_S2_5456337	G	C	2	5456337	Yield
408	AGP_SNP0498_S2_6240783	A	G	2	6240783	Ear, Kernel,or Cob Morphology
409	AGP_SNP0499_S2_6242936	A	G	2	6242936	Ear, Kernel,or Cob Morphology
410	AGP_SNP0500_S2_6256948	A	G	2	6256948	Ear, Kernel,or Cob Morphology
411	AGP_SNP0501_S2_6265132	C	T	2	6265132	Ear, Kernel,or Cob Morphology
412	AGP_SNP0503_S2_7036759	A	T	2	7036759	Flowering Time
413	AGP_SNP2903_S2_7378367	A	G	2	7378367	Polymorphic in Stiff Stalk Material
414	AGP_SNP0506_S2_7378516	A	G	2	7378516	Flowering Time
415	AGP_SNP2904_S2_7529362	G	A	2	7529362	Plant and Ear Height
416	AGP_SNP0508_S2_7563816	C	T	2	7563816	Ear, Kernel,or Cob Morphology
417	AGP_SNP0509_S2_7873874	G	C	2	7873874	Flowering Time
418	AGP_SNP0513_S2_8726771	G	A	2	8726771	Flowering Time
419	AGP_SNP2906_S2_8737432	T	C	2	8737432	Flowering Time, Plant and Ear Height
420	AGP_SNP0516_S2_9227661	T	C	2	9227661	Flowering Time
421	AGP_SNP0517_S2_9327647	C	T	2	9327647	Flowering Time
422	AGP_SNP0518_S2_9358059	T	A	2	9358059	Flowering Time
423	AGP_SNP2425_S2_9434197	C	T	2	9434197	Flowering Time

424	AGP_SNP0519_S2_9442286	G	A	2	9442286	Flowering Time
425	AGP_SNP0272_S2_10412192	T	C	2	10412192	Tassel Architecture
426	AGP_SNP0273_S2_10418334	A	G	2	10418334	Flowering Time
427	AGP_SNP2180_S2_10455798	C	T	2	10455798	Grain Moisture
428	AGP_SNP0274_S2_10607019	C	A	2	10607019	Ear, Kernel,or Cob Morphology
429	AGP_SNP0275_S2_10607249	A	G	2	10607249	Ear, Kernel,or Cob Morphology
430	AGP_SNP0276_S2_10777567	C	T	2	10777567	Flowering Time
431	AGP_SNP0279_S2_11041568	A	T	2	11041568	Ear, Kernel,or Cob Morphology
432	AGP_SNP0280_S2_11412758	T	C	2	11412758	Tassel Architecture
433	AGP_SNP2777_S2_11412963	G	C	2	11412963	Polymorphic in Stiff Stalk Material
434	AGP_SNP2779_S2_11580949	C	A	2	11580949	Yield
435	AGP_SNP0284_S2_11877524	C	T	2	11877524	Flowering Time
436	AGP_SNP0285_S2_12181925	T	A	2	12181925	Tassel Architecture
437	AGP_SNP0286_S2_12448967	G	A	2	12448967	Tassel Architecture
438	AGP_SNP2783_S2_12512623	T	C	2	12512623	Polymorphic in Stiff Stalk Material
439	AGP_SNP2418_S2_12539331	G	A	2	12539331	Yield
440	AGP_SNP2784_S2_12857644	G	C	2	12857644	Polymorphic in Stiff Stalk Material
441	AGP_SNP2785_S2_12865397	G	C	2	12865397	Ear, Kernel,or Cob Morphology, Yield
442	AGP_SNP2787_S2_12865421	C	T	2	12865421	Ear, Kernel,or Cob Morphology
443	AGP_SNP2788_S2_13163519	A	G	2	13163519	Ear, Kernel,or Cob Morphology, Plant and Ear Height
444	AGP_SNP2793_S2_13838433	A	G	2	13838433	Ear, Kernel,or Cob Morphology
445	AGP_SNP2187_S2_13838469	G	C	2	13838469	Plant and Ear Height
446	AGP_SNP0293_S2_13852666	C	T	2	13852666	Tassel Architecture
447	AGP_SNP0297_S2_14262838	G	A	2	14262838	Yield
448	AGP_SNP2795_S2_14263620	A	C	2	14263620	Polymorphic in Stiff Stalk Material
449	AGP_SNP0298_S2_14334805	G	A	2	14334805	Yield
450	AGP_SNP0305_S2_15000603	G	A	2	15000603	Flowering Time
451	AGP_SNP2798_S2_15153785	A	C	2	15153785	Polymorphic in Stiff Stalk Material
452	AGP_SNP2799_S2_15168001	A	G	2	15168001	Ear, Kernel,or Cob Morphology
453	AGP_SNP2801_S2_15463005	G	C	2	15463005	Ear, Kernel,or Cob Morphology
454	AGP_SNP0318_S2_16203011	G	A	2	16203011	Ear, Kernel,or Cob Morphology
455	AGP_SNP0322_S2_16521276	G	T	2	16521276	Plant and Ear Height
456	AGP_SNP2228_S2_16864137	C	A	2	16864137	Yield

457	AGP_SNP2342_S2_16915464	A	G	2	16915464	Grain Moisture
458	AGP_SNP0324_S2_16970778	G	C	2	16970778	Plant and Ear Height
459	AGP_SNP0325_S2_16989115	G	C	2	16989115	Plant and Ear Height
460	AGP_SNP0326_S2_16989298	A	T	2	16989298	Plant and Ear Height
461	AGP_SNP1835_S2_18901095	G	A	2	18901095	Flowering Time
462	AGP_SNP0346_S2_19009887	T	C	2	19009887	Flowering Time
463	AGP_SNP2818_S2_19041249	T	C	2	19041249	Polymorphic in Stiff Stalk Material
464	AGP_SNP0360_S2_19420024	G	T	2	19420024	Ear, Kernel,or Cob Morphology
465	AGP_SNP0361_S2_19420945	A	G	2	19420945	Ear, Kernel,or Cob Morphology
466	AGP_SNP2837_S2_20573368	T	A	2	20573368	Polymorphic in Stiff Stalk Material
467	AGP_SNP0394_S2_20695799	A	G	2	20695799	Grain Moisture
468	AGP_SNP0418_S2_21862521	A	G	2	21862521	Yield
469	AGP_SNP0419_S2_21863424	C	G	2	21863424	Yield
470	AGP_SNP2857_S2_22735269	G	A	2	22735269	Plant and Ear Height
471	AGP_SNP0448_S2_23121387	C	T	2	23121387	Yield
472	AGP_SNP2861_S2_23345860	C	A	2	23345860	Polymorphic in Stiff Stalk Material
473	AGP_SNP2871_S2_24208693	C	T	2	24208693	Ear, Kernel,or Cob Morphology
474	AGP_SNP0473_S2_24394755	G	A	2	24394755	Grain Moisture
475	AGP_SNP2872_S2_24396833	T	G	2	24396833	Ear, Kernel,or Cob Morphology, Flowering Time
476	AGP_SNP0475_S2_24840757	T	A	2	24840757	Grain Moisture
477	AGP_SNP0476_S2_24985120	C	T	2	24985120	Grain Moisture
478	AGP_SNP1541_S2_25700144	G	A	2	25700144	Grain Moisture
479	AGP_SNP2876_S2_27956236	C	T	2	27956236	Polymorphic in Stiff Stalk Material
480	AGP_SNP0477_S2_28997989	A	G	2	28997989	Plant and Ear Height
481	AGP_SNP0478_S2_31910227	C	T	2	31910227	Tassel Architecture
482	AGP_SNP2882_S2_33151923	C	A	2	33151923	Polymorphic in Stiff Stalk Material
483	AGP_SNP2887_S2_34908344	G	T	2	34908344	Polymorphic in Stiff Stalk Material
484	AGP_SNP2888_S2_36016162	G	A	2	36016162	Polymorphic in Stiff Stalk Material
485	AGP_SNP2889_S2_38098248	T	C	2	38098248	Polymorphic in Stiff Stalk Material
486	AGP_SNP2030_S2_38575776	A	G	2	38575776	Flowering Time
487	AGP_SNP2890_S2_39673401	C	G	2	39673401	Polymorphic in Stiff Stalk Material
488	AGP_SNP0481_S2_41252709	C	T	2	41252709	Plant and Ear Height
489	AGP_SNP0482_S2_41252814	T	C	2	41252814	Plant and Ear Height

490	AGP_SNP0483_S2_41698654	A	T	2	41698654	Plant and Ear Height
491	AGP_SNP0484_S2_41789172	T	G	2	41789172	Grain Moisture
492	AGP_SNP0485_S2_42149885	C	T	2	42149885	Flowering Time
493	AGP_SNP2893_S2_43693785	G	T	2	43693785	Polymorphic in Stiff Stalk Material
494	AGP_SNP0488_S2_43693858	C	T	2	43693858	Grain Moisture
495	AGP_SNP0489_S2_44236866	A	G	2	44236866	Ear, Kernel, or Cob Morphology
496	AGP_SNP0491_S2_44764987	G	A	2	44764987	Grain Moisture
497	AGP_SNP2894_S2_44995641	C	T	2	44995641	Polymorphic in Stiff Stalk Material
498	AGP_SNP2896_S2_46237998	G	C	2	46237998	Polymorphic in Stiff Stalk Material
499	AGP_SNP1572_S2_48798382	T	C	2	48798382	Flowering Time
500	AGP_SNP1573_S2_48798392	T	C	2	48798392	Flowering Time
501	AGP_SNP2897_S2_48924032	C	G	2	48924032	Polymorphic in Stiff Stalk Material
502	AGP_SNP2899_S2_60778442	T	C	2	60778442	Polymorphic in Stiff Stalk Material
503	AGP_SNP0497_S2_62113765	G	T	2	62113765	Grain Moisture
504	AGP_SNP0502_S2_64708270	A	G	2	64708270	Tassel Architecture
505	AGP_SNP2901_S2_67297640	C	G	2	67297640	Polymorphic in Stiff Stalk Material
506	AGP_SNP2902_S2_72016500	T	C	2	72016500	Polymorphic in Stiff Stalk Material
507	AGP_SNP0505_S2_73631324	G	C	2	73631324	Flowering Time
508	AGP_SNP0507_S2_74218926	C	T	2	74218926	Flowering Time
509	AGP_SNP0511_S2_80878902	C	G	2	80878902	Plant and Ear Height
510	AGP_SNP0512_S2_82880191	G	C	2	82880191	Yield
511	AGP_SNP0514_S2_88775207	G	T	2	88775207	Grain Moisture
512	AGP_SNP2909_S2_93026118	A	G	2	93026118	Polymorphic in Stiff Stalk Material
513	AGP_SNP2775_S2_104739030	T	C	2	104739030	Polymorphic in Stiff Stalk Material
514	AGP_SNP0277_S2_108154809	T	C	2	108154809	Grain Moisture
515	AGP_SNP2776_S2_110897047	A	T	2	110897047	Polymorphic in Stiff Stalk Material
516	AGP_SNP2778_S2_114366475	A	G	2	114366475	Polymorphic in Stiff Stalk Material
517	AGP_SNP0281_S2_115955959	T	A	2	115955959	Grain Moisture
518	AGP_SNP0282_S2_117129501	C	A	2	117129501	Plant and Ear Height
519	AGP_SNP0283_S2_117153121	G	C	2	117153121	Grain Moisture
520	AGP_SNP2780_S2_117944462	A	G	2	117944462	Polymorphic in Stiff Stalk Material
521	AGP_SNP2782_S2_124790414	A	C	2	124790414	Polymorphic in Stiff Stalk Material
522	AGP_SNP0287_S2_132258688	G	T	2	132258688	Plant and Ear Height

523	AGP_SNP0288_S2_132258727	C	G	2	132258727	Plant and Ear Height
524	AGP_SNP0289_S2_132660876	T	C	2	132660876	Plant and Ear Height
525	AGP_SNP0290_S2_136136229	C	T	2	136136229	Ear, Kernel,or Cob Morphology
526	AGP_SNP2792_S2_138368017	C	A	2	138368017	Polymorphic in Stiff Stalk Material
527	AGP_SNP0294_S2_140636955	C	G	2	140636955	Flowering Time
528	AGP_SNP0295_S2_140637074	T	A	2	140637074	Flowering Time
529	AGP_SNP0296_S2_142087881	C	A	2	142087881	Ear, Kernel,or Cob Morphology
530	AGP_SNP0299_S2_144238392	A	G	2	144238392	Ear, Kernel,or Cob Morphology
531	AGP_SNP0300_S2_144711138	G	T	2	144711138	Ear, Kernel,or Cob Morphology
532	AGP_SNP2796_S2_147912755	C	A	2	147912755	Polymorphic in Stiff Stalk Material
533	AGP_SNP0301_S2_148340343	C	G	2	148340343	Grain Moisture
534	AGP_SNP0303_S2_149286050	G	A	2	149286050	Yield
535	AGP_SNP0304_S2_149286155	G	C	2	149286155	Yield
536	AGP_SNP0306_S2_150333739	A	C	2	150333739	Flowering Time
537	AGP_SNP0307_S2_150333856	G	A	2	150333856	Grain Moisture
538	AGP_SNP2797_S2_150358319	G	T	2	150358319	Polymorphic in Stiff Stalk Material
539	AGP_SNP0308_S2_150740548	A	G	2	150740548	Yield
540	AGP_SNP0309_S2_151392770	T	C	2	151392770	Grain Moisture
541	AGP_SNP0310_S2_151627004	C	T	2	151627004	Grain Moisture
542	AGP_SNP1664_S2_151666689	G	A	2	151666689	Ear, Kernel,or Cob Morphology, Plant and Ear Height
543	AGP_SNP1738_S2_152402374	T	C	2	152402374	Plant and Ear Height
544	AGP_SNP2800_S2_152402830	A	C	2	152402830	Polymorphic in Stiff Stalk Material
545	AGP_SNP0311_S2_153215370	C	T	2	153215370	Grain Moisture
546	AGP_SNP0312_S2_154372022	G	C	2	154372022	Ear, Kernel,or Cob Morphology
547	AGP_SNP2802_S2_155999724	C	A	2	155999724	Polymorphic in Stiff Stalk Material
548	AGP_SNP0314_S2_157711561	C	T	2	157711561	Grain Moisture
549	AGP_SNP0315_S2_158507139	G	T	2	158507139	Grain Moisture
550	AGP_SNP0316_S2_160979438	G	C	2	160979438	Grain Moisture
551	AGP_SNP2805_S2_161226600	C	T	2	161226600	Polymorphic in Stiff Stalk Material
552	AGP_SNP0317_S2_161539433	A	G	2	161539433	Grain Moisture
553	AGP_SNP0319_S2_162066636	G	C	2	162066636	Grain Moisture
554	AGP_SNP0320_S2_162271385	T	C	2	162271385	Grain Moisture
555	AGP_SNP2806_S2_162875198	G	A	2	162875198	Polymorphic in Stiff Stalk Material

556	AGP_SNP0321_S2_162911496	C	T	2	162911496	Flowering Time
557	AGP_SNP2808_S2_167022852	T	G	2	167022852	Polymorphic in Stiff Stalk Material
558	AGP_SNP0323_S2_169534289	A	C	2	169534289	Grain Moisture
559	AGP_SNP0329_S2_171772837	G	T	2	171772837	Tassel Architecture
560	AGP_SNP0330_S2_172798993	G	C	2	172798993	Grain Moisture
561	AGP_SNP2810_S2_173429896	G	C	2	173429896	Polymorphic in Stiff Stalk Material
562	AGP_SNP0331_S2_173444037	A	G	2	173444037	Grain Moisture
563	AGP_SNP0333_S2_175277302	G	A	2	175277302	Grain Moisture
564	AGP_SNP0334_S2_177196104	T	C	2	177196104	Grain Moisture
565	AGP_SNP2811_S2_178994407	C	A	2	178994407	Polymorphic in Stiff Stalk Material
566	AGP_SNP1908_S2_179127811	C	T	2	179127811	Yield
567	AGP_SNP2812_S2_181424418	A	C	2	181424418	Polymorphic in Stiff Stalk Material
568	AGP_SNP0336_S2_181739483	C	T	2	181739483	Ear, Kernel,or Cob Morphology
569	AGP_SNP0337_S2_181739622	A	G	2	181739622	Ear, Kernel,or Cob Morphology
570	AGP_SNP2814_S2_183214851	C	G	2	183214851	Polymorphic in Stiff Stalk Material
571	AGP_SNP2815_S2_184952096	A	G	2	184952096	Polymorphic in Stiff Stalk Material
572	AGP_SNP2816_S2_187290798	C	T	2	187290798	Polymorphic in Stiff Stalk Material
573	AGP_SNP2470_S2_187653788	A	G	2	187653788	Yield
574	AGP_SNP0340_S2_187925508	C	G	2	187925508	Plant and Ear Height
575	AGP_SNP0341_S2_188343042	G	C	2	188343042	Grain Moisture
576	AGP_SNP0342_S2_188429757	T	G	2	188429757	Plant and Ear Height
577	AGP_SNP1527_S2_189040174	T	C	2	189040174	Yield
578	AGP_SNP1516_S2_189040821	A	G	2	189040821	Plant and Ear Height
579	AGP_SNP2817_S2_189167046	C	T	2	189167046	Polymorphic in Stiff Stalk Material
580	AGP_SNP1764_S2_189169925	C	T	2	189169925	Flowering Time, Yield
581	AGP_SNP0343_S2_189195850	A	G	2	189195850	Flowering Time
582	AGP_SNP2106_S2_189239333	G	C	2	189239333	Grain Moisture
583	AGP_SNP0344_S2_189818418	G	A	2	189818418	Ear, Kernel,or Cob Morphology
584	AGP_SNP2010_S2_189823400	G	A	2	189823400	Flowering Time
585	AGP_SNP0345_S2_189882931	T	C	2	189882931	Grain Moisture
586	AGP_SNP0347_S2_190430367	T	A	2	190430367	Yield
587	AGP_SNP0348_S2_190713004	G	T	2	190713004	Ear, Kernel,or Cob Morphology
588	AGP_SNP2819_S2_191468717	C	T	2	191468717	Polymorphic in Stiff Stalk Material

589	AGP_SNP0349_S2_192221753	G	C	2	192221753	Ear, Kernel,or Cob Morphology
590	AGP_SNP0350_S2_192530227	C	G	2	192530227	Ear, Kernel,or Cob Morphology
591	AGP_SNP0351_S2_192850486	G	A	2	192850486	Ear, Kernel,or Cob Morphology
592	AGP_SNP0352_S2_192974313	C	A	2	192974313	Ear, Kernel,or Cob Morphology
593	AGP_SNP0353_S2_193250585	C	T	2	193250585	Grain Moisture
594	AGP_SNP0354_S2_193261776	G	T	2	193261776	Ear, Kernel,or Cob Morphology
595	AGP_SNP0356_S2_193792543	G	C	2	193792543	Ear, Kernel,or Cob Morphology
596	AGP_SNP0357_S2_193792893	G	A	2	193792893	Ear, Kernel,or Cob Morphology
597	AGP_SNP2820_S2_193989230	C	T	2	193989230	Polymorphic in Stiff Stalk Material
598	AGP_SNP0358_S2_193991522	G	C	2	193991522	Yield
599	AGP_SNP0362_S2_194440044	C	G	2	194440044	Disease Resistance
600	AGP_SNP2821_S2_194547427	G	A	2	194547427	Polymorphic in Stiff Stalk Material
601	AGP_SNP0363_S2_194547942	T	C	2	194547942	Ear, Kernel,or Cob Morphology
602	AGP_SNP1621_S2_195406855	G	A	2	195406855	Ear, Kernel,or Cob Morphology, Yield
603	AGP_SNP0365_S2_195408641	G	T	2	195408641	Ear, Kernel,or Cob Morphology
604	AGP_SNP2822_S2_196878904	C	G	2	196878904	Polymorphic in Stiff Stalk Material
605	AGP_SNP2823_S2_197247863	T	G	2	197247863	Yield
606	AGP_SNP0366_S2_197758561	G	A	2	197758561	Yield
607	AGP_SNP0367_S2_197761141	G	A	2	197761141	Yield
608	AGP_SNP2825_S2_197962563	A	T	2	197962563	Grain Moisture
609	AGP_SNP0369_S2_198556024	A	G	2	198556024	Yield
610	AGP_SNP0371_S2_199239268	A	T	2	199239268	Plant and Ear Height
611	AGP_SNP0372_S2_199610100	G	A	2	199610100	Flowering Time
612	AGP_SNP2826_S2_199704028	C	T	2	199704028	Polymorphic in Stiff Stalk Material
613	AGP_SNP0373_S2_199704388	G	A	2	199704388	Flowering Time
614	AGP_SNP0374_S2_200123621	T	A	2	200123621	Tassel Architecture
615	AGP_SNP2013_S2_200229025	A	C	2	200229025	Ear, Kernel,or Cob Morphology, Plant and Ear Height
616	AGP_SNP0376_S2_200233111	G	A	2	200233111	Flowering Time
617	AGP_SNP0377_S2_200234031	T	A	2	200234031	Grain Moisture
618	AGP_SNP2829_S2_201010696	C	T	2	201010696	Polymorphic in Stiff Stalk Material
619	AGP_SNP0379_S2_201011054	C	T	2	201011054	Tassel Architecture
620	AGP_SNP0380_S2_201094706	T	C	2	201094706	Yield
621	AGP_SNP0381_S2_201094903	A	G	2	201094903	Tassel Architecture

622	AGP_SNP0382_S2_201513815	A	G	2	201513815	Grain Moisture
623	AGP_SNP0383_S2_201686895	A	G	2	201686895	Grain Moisture
624	AGP_SNP1965_S2_202173051	C	T	2	202173051	Flowering Time, Plant and Ear Height
625	AGP_SNP0386_S2_202955424	C	G	2	202955424	Ear, Kernel,or Cob Morphology
626	AGP_SNP2831_S2_204383795	C	G	2	204383795	Polymorphic in Stiff Stalk Material
627	AGP_SNP2832_S2_205010951	C	T	2	205010951	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
628	AGP_SNP2113_S2_205022921	A	C	2	205022921	Plant and Ear Height
629	AGP_SNP2144_S2_205022931	A	C	2	205022931	Plant and Ear Height
630	AGP_SNP0388_S2_205202588	C	T	2	205202588	Tassel Architecture
631	AGP_SNP2836_S2_205275866	G	T	2	205275866	Polymorphic in Stiff Stalk Material
632	AGP_SNP0389_S2_205276152	C	G	2	205276152	Plant and Ear Height
633	AGP_SNP0390_S2_205532643	C	T	2	205532643	Flowering Time
634	AGP_SNP0391_S2_205556555	C	T	2	205556555	Tassel Architecture
635	AGP_SNP0392_S2_205777757	G	A	2	205777757	Plant and Ear Height
636	AGP_SNP2838_S2_206300482	G	T	2	206300482	Polymorphic in Stiff Stalk Material
637	AGP_SNP2839_S2_208396165	A	T	2	208396165	Polymorphic in Stiff Stalk Material
638	AGP_SNP2370_S2_208410219	C	T	2	208410219	Yield
639	AGP_SNP0395_S2_208820696	A	G	2	208820696	Ear, Kernel,or Cob Morphology
640	AGP_SNP0396_S2_208945675	G	C	2	208945675	Ear, Kernel,or Cob Morphology
641	AGP_SNP0397_S2_208952549	T	A	2	208952549	Ear, Kernel,or Cob Morphology
642	AGP_SNP0398_S2_208958619	C	T	2	208958619	Flowering Time
643	AGP_SNP2480_S2_209182717	C	A	2	209182717	Grain Moisture, Yield
644	AGP_SNP2436_S2_209289593	A	G	2	209289593	Yield
645	AGP_SNP2840_S2_209561904	C	T	2	209561904	Polymorphic in Stiff Stalk Material
646	AGP_SNP2249_S2_209877341	C	T	2	209877341	Grain Moisture
647	AGP_SNP2841_S2_210221330	C	T	2	210221330	Polymorphic in Stiff Stalk Material
648	AGP_SNP0399_S2_210745995	A	G	2	210745995	Disease Resistance
649	AGP_SNP0400_S2_211713899	C	T	2	211713899	Disease Resistance
650	AGP_SNP0401_S2_212609997	C	T	2	212609997	Flowering Time
651	AGP_SNP0402_S2_212614021	T	A	2	212614021	Flowering Time
652	AGP_SNP0403_S2_212883158	C	T	2	212883158	Disease Resistance
653	AGP_SNP2319_S2_213063650	T	C	2	213063650	Grain Moisture
654	AGP_SNP2843_S2_213741185	T	C	2	213741185	Polymorphic in Stiff Stalk Material

655	AGP_SNP0404_S2_214011697	A	C	2	214011697	Disease Resistance
656	AGP_SNP0405_S2_214128791	C	T	2	214128791	Flowering Time
657	AGP_SNP0406_S2_214213682	T	C	2	214213682	Tassel Architecture
658	AGP_SNP2844_S2_214779597	G	A	2	214779597	Polymorphic in Stiff Stalk Material
659	AGP_SNP1880_S2_215426572	G	A	2	215426572	Yield
660	AGP_SNP0408_S2_215945846	T	C	2	215945846	Disease Resistance
661	AGP_SNP2845_S2_216030260	G	A	2	216030260	Polymorphic in Stiff Stalk Material
662	AGP_SNP0412_S2_216743479	T	C	2	216743479	Disease Resistance
663	AGP_SNP0413_S2_216746125	A	G	2	216746125	Flowering Time
664	AGP_SNP2847_S2_216746460	C	T	2	216746460	Polymorphic in Stiff Stalk Material
665	AGP_SNP1560_S2_217263822	A	G	2	217263822	Grain Moisture, Yield
666	AGP_SNP1727_S2_217264737	C	T	2	217264737	Yield
667	AGP_SNP0414_S2_217818786	A	T	2	217818786	Tassel Architecture
668	AGP_SNP0415_S2_218076984	C	T	2	218076984	Flowering Time
669	AGP_SNP2848_S2_218077581	C	A	2	218077581	Polymorphic in Stiff Stalk Material
670	AGP_SNP0416_S2_218077607	A	C	2	218077607	Plant and Ear Height
671	AGP_SNP0420_S2_219318723	G	A	2	219318723	Ear, Kernel,or Cob Morphology
672	AGP_SNP2849_S2_219337032	T	C	2	219337032	Polymorphic in Stiff Stalk Material
673	AGP_SNP0421_S2_219587333	G	A	2	219587333	Disease Resistance
674	AGP_SNP2850_S2_219942280	A	G	2	219942280	Polymorphic in Stiff Stalk Material
675	AGP_SNP0423_S2_220581154	A	G	2	220581154	Tassel Architecture
676	AGP_SNP0424_S2_220815115	A	G	2	220815115	Ear, Kernel,or Cob Morphology
677	AGP_SNP1859_S2_220863128	C	G	2	220863128	Ear, Kernel,or Cob Morphology
678	AGP_SNP0425_S2_220944251	C	T	2	220944251	Ear, Kernel,or Cob Morphology
679	AGP_SNP2851_S2_221273186	T	A	2	221273186	Polymorphic in Stiff Stalk Material
680	AGP_SNP0426_S2_221287133	T	G	2	221287133	Ear, Kernel,or Cob Morphology
681	AGP_SNP2401_S2_221293612	G	A	2	221293612	Flowering Time
682	AGP_SNP0427_S2_221735220	T	A	2	221735220	Tassel Architecture
683	AGP_SNP0428_S2_221757449	G	T	2	221757449	Tassel Architecture
684	AGP_SNP2116_S2_221828300	T	C	2	221828300	Flowering Time
685	AGP_SNP0429_S2_222214859	A	G	2	222214859	Flowering Time
686	AGP_SNP0430_S2_222281423	A	G	2	222281423	Ear, Kernel,or Cob Morphology
687	AGP_SNP2852_S2_222315040	G	A	2	222315040	Polymorphic in Stiff Stalk Material

688	AGP_SNP0431_S2_222315237	A	T	2	222315237	Tassel Architecture
689	AGP_SNP0432_S2_222352200	A	G	2	222352200	Flowering Time
690	AGP_SNP0433_S2_222357904	C	T	2	222357904	Ear, Kernel,or Cob Morphology
691	AGP_SNP0434_S2_222453733	C	T	2	222453733	Ear, Kernel,or Cob Morphology
692	AGP_SNP2853_S2_223324240	T	C	2	223324240	Polymorphic in Stiff Stalk Material
693	AGP_SNP0436_S2_223422873	C	A	2	223422873	Yield
694	AGP_SNP0437_S2_223803009	G	A	2	223803009	Ear, Kernel,or Cob Morphology
695	AGP_SNP0438_S2_223853736	G	C	2	223853736	Ear, Kernel,or Cob Morphology
696	AGP_SNP1694_S2_225504421	C	T	2	225504421	Grain Moisture
697	AGP_SNP0439_S2_225583999	G	A	2	225583999	Plant and Ear Height
698	AGP_SNP2855_S2_225584015	C	G	2	225584015	Polymorphic in Stiff Stalk Material
699	AGP_SNP0440_S2_225986204	G	T	2	225986204	Plant and Ear Height
700	AGP_SNP2856_S2_226671459	A	G	2	226671459	Polymorphic in Stiff Stalk Material
701	AGP_SNP0441_S2_227288798	C	A	2	227288798	Plant and Ear Height
702	AGP_SNP0442_S2_229264398	G	A	2	229264398	Grain Moisture
703	AGP_SNP0443_S2_229349944	G	A	2	229349944	Ear, Kernel,or Cob Morphology
704	AGP_SNP2858_S2_229538482	A	G	2	229538482	Ear, Kernel,or Cob Morphology
705	AGP_SNP0444_S2_229711768	G	A	2	229711768	Ear, Kernel,or Cob Morphology
706	AGP_SNP2859_S2_229831056	T	C	2	229831056	Polymorphic in Stiff Stalk Material
707	AGP_SNP0445_S2_229851299	G	T	2	229851299	Ear, Kernel,or Cob Morphology
708	AGP_SNP2138_S2_230526838	A	C	2	230526838	Flowering Time
709	AGP_SNP0447_S2_231108120	T	C	2	231108120	Ear, Kernel,or Cob Morphology
710	AGP_SNP0449_S2_231258079	G	A	2	231258079	Tassel Architecture
711	AGP_SNP0450_S2_231435378	C	A	2	231435378	Ear, Kernel,or Cob Morphology
712	AGP_SNP0451_S2_231538085	C	T	2	231538085	Plant and Ear Height
713	AGP_SNP0452_S2_231794636	A	G	2	231794636	Grain Moisture
714	AGP_SNP0453_S2_232308282	T	A	2	232308282	Flowering Time
715	AGP_SNP2860_S2_232799291	G	T	2	232799291	Ear, Kernel,or Cob Morphology
716	AGP_SNP0455_S2_234480138	C	T	2	234480138	Flowering Time
717	AGP_SNP0456_S2_234490837	G	T	2	234490837	Ear, Kernel,or Cob Morphology
718	AGP_SNP1944_S2_234510183	C	T	2	234510183	Ear, Kernel,or Cob Morphology, Plant and Ear Height
719	AGP_SNP0457_S2_234525669	A	G	2	234525669	Flowering Time
720	AGP_SNP2862_S2_234528459	G	A	2	234528459	Flowering Time

721	AGP_SNP0462_S2_235755898	C	T	2	235755898	Flowering Time
722	AGP_SNP2865_S2_235943712	A	G	2	235943712	Grain Moisture
723	AGP_SNP0463_S2_237249582	A	G	2	237249582	Grain Moisture
724	AGP_SNP0464_S2_237260678	A	G	2	237260678	Grain Moisture
725	AGP_SNP2287_S2_238592722	C	T	2	238592722	Yield
726	AGP_SNP1992_S2_238830975	A	G	2	238830975	Ear, Kernel,or Cob Morphology
727	AGP_SNP0468_S2_240227739	C	G	2	240227739	Yield
728	AGP_SNP0469_S2_240249668	C	A	2	240249668	Ear, Kernel,or Cob Morphology
729	AGP_SNP2087_S3_1313242	T	C	3	1313242	Yield
730	AGP_SNP0535_S3_1400719	C	T	3	1400719	Plant and Ear Height
731	AGP_SNP2932_S3_1464877	G	T	3	1464877	Polymorphic in Stiff Stalk Material
732	AGP_SNP2079_S3_1662561	G	A	3	1662561	Grain Moisture
733	AGP_SNP0597_S3_2028219	C	T	3	2028219	Yield
734	AGP_SNP1545_S3_2239671	T	C	3	2239671	Flowering Time, Grain Moisture, Plant and Ear Height
735	AGP_SNP2437_S3_2757687	G	A	3	2757687	Yield
736	AGP_SNP0626_S3_2763048	T	C	3	2763048	Ear, Kernel,or Cob Morphology
737	AGP_SNP0628_S3_2856966	G	A	3	2856966	Yield
738	AGP_SNP1893_S3_3362245	T	C	3	3362245	Plant and Ear Height
739	AGP_SNP1813_S3_3362837	G	A	3	3362837	Yield
740	AGP_SNP1702_S3_3364555	G	A	3	3364555	Yield
741	AGP_SNP3022_S3_3506120	C	G	3	3506120	Polymorphic in Stiff Stalk Material
742	AGP_SNP2326_S3_3578856	A	G	3	3578856	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
743	AGP_SNP1740_S3_3613106	A	G	3	3613106	Plant and Ear Height
744	AGP_SNP0630_S3_3613172	C	T	3	3613172	Yield
745	AGP_SNP0631_S3_3911990	C	T	3	3911990	Yield
746	AGP_SNP1624_S3_3912752	T	C	3	3912752	Plant and Ear Height
747	AGP_SNP2168_S3_4260356	G	A	3	4260356	Ear, Kernel,or Cob Morphology, Plant and Ear Height
748	AGP_SNP2016_S3_4778638	C	T	3	4778638	Ear, Kernel,or Cob Morphology, Plant and Ear Height
749	AGP_SNP3035_S3_5615248	T	C	3	5615248	Polymorphic in Stiff Stalk Material
750	AGP_SNP1708_S3_5838013	G	A	3	5838013	Yield
751	AGP_SNP1947_S3_6251167	G	A	3	6251167	Plant and Ear Height
752	AGP_SNP0637_S3_6257096	C	A	3	6257096	Plant and Ear Height
753	AGP_SNP0638_S3_6470722	T	G	3	6470722	Flowering Time

754	AGP_SNP3037_S3_6471653	T	G	3	6471653	Polymorphic in Stiff Stalk Material
755	AGP_SNP1841_S3_7328976	T	A	3	7328976	Yield
756	AGP_SNP3041_S3_8566472	C	A	3	8566472	Polymorphic in Stiff Stalk Material
757	AGP_SNP0639_S3_8769130	G	C	3	8769130	Plant and Ear Height
758	AGP_SNP3042_S3_8968031	T	A	3	8968031	Polymorphic in Stiff Stalk Material
759	AGP_SNP2443_S3_9234089	T	G	3	9234089	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
760	AGP_SNP0640_S3_9544369	C	T	3	9544369	Plant and Ear Height
761	AGP_SNP0520_S3_10076285	A	G	3	10076285	Plant and Ear Height
762	AGP_SNP1951_S3_10265327	A	C	3	10265327	Grain Moisture
763	AGP_SNP1763_S3_10673156	T	C	3	10673156	Grain Moisture
764	AGP_SNP0521_S3_10954078	T	C	3	10954078	Plant and Ear Height
765	AGP_SNP0522_S3_10958525	T	G	3	10958525	Tassel Architecture
766	AGP_SNP0523_S3_11535801	T	C	3	11535801	Plant and Ear Height
767	AGP_SNP0524_S3_11540829	G	A	3	11540829	Plant and Ear Height
768	AGP_SNP0525_S3_11619271	C	A	3	11619271	Grain Moisture
769	AGP_SNP0526_S3_12144719	C	G	3	12144719	Plant and Ear Height
770	AGP_SNP2917_S3_12145701	T	C	3	12145701	Polymorphic in Stiff Stalk Material
771	AGP_SNP2918_S3_12145749	G	A	3	12145749	Ear, Kernel,or Cob Morphology
772	AGP_SNP2923_S3_13177399	A	G	3	13177399	Polymorphic in Stiff Stalk Material
773	AGP_SNP0529_S3_13434231	T	C	3	13434231	Ear, Kernel,or Cob Morphology
774	AGP_SNP0531_S3_13453917	T	C	3	13453917	Ear, Kernel,or Cob Morphology
775	AGP_SNP0532_S3_13454531	G	A	3	13454531	Ear, Kernel,or Cob Morphology
776	AGP_SNP2926_S3_13692521	G	C	3	13692521	Polymorphic in Stiff Stalk Material
777	AGP_SNP1973_S3_13723427	T	C	3	13723427	Grain Moisture, Plant and Ear Height
778	AGP_SNP0537_S3_14323479	C	T	3	14323479	Yield
779	AGP_SNP2930_S3_14333218	A	G	3	14333218	Ear, Kernel,or Cob Morphology
780	AGP_SNP0539_S3_14360152	G	A	3	14360152	Yield
781	AGP_SNP2933_S3_14801890	C	T	3	14801890	Polymorphic in Stiff Stalk Material
782	AGP_SNP2936_S3_15210888	A	G	3	15210888	Plant and Ear Height
783	AGP_SNP2943_S3_16583204	A	G	3	16583204	Polymorphic in Stiff Stalk Material
784	AGP_SNP2964_S3_17630503	A	C	3	17630503	Polymorphic in Stiff Stalk Material
785	AGP_SNP2980_S3_18198302	G	C	3	18198302	Polymorphic in Stiff Stalk Material
786	AGP_SNP2080_S3_19025992	A	G	3	19025992	Yield

787	AGP_SNP1754_S3_19293143	A	G	3	19293143	Yield
788	AGP_SNP1904_S3_19832283	G	A	3	19832283	Ear, Kernel,or Cob Morphology, Flowering Time, Yield
789	AGP_SNP3020_S3_26051996	G	A	3	26051996	Polymorphic in Stiff Stalk Material
790	AGP_SNP2088_S3_32651258	A	G	3	32651258	Plant and Ear Height
791	AGP_SNP1705_S3_35993809	C	T	3	35993809	Flowering Time, Plant and Ear Height
792	AGP_SNP3023_S3_37143448	G	A	3	37143448	Polymorphic in Stiff Stalk Material
793	AGP_SNP3024_S3_38037412	G	A	3	38037412	Flowering Time, Plant and Ear Height
794	AGP_SNP2456_S3_44362768	C	T	3	44362768	Flowering Time
795	AGP_SNP3027_S3_45020194	C	G	3	45020194	Polymorphic in Stiff Stalk Material
796	AGP_SNP3029_S3_48373762	T	G	3	48373762	Polymorphic in Stiff Stalk Material
797	AGP_SNP2031_S3_54376491	C	T	3	54376491	Flowering Time
798	AGP_SNP3034_S3_54376775	A	G	3	54376775	Polymorphic in Stiff Stalk Material
799	AGP_SNP0633_S3_55537184	C	T	3	55537184	Grain Moisture
800	AGP_SNP0634_S3_56529376	A	G	3	56529376	Grain Moisture
801	AGP_SNP0635_S3_56815476	G	A	3	56815476	Grain Moisture
802	AGP_SNP3036_S3_56999533	G	A	3	56999533	Polymorphic in Stiff Stalk Material
803	AGP_SNP0636_S3_56999784	A	T	3	56999784	Grain Moisture
804	AGP_SNP3038_S3_64877981	C	A	3	64877981	Polymorphic in Stiff Stalk Material
805	AGP_SNP3039_S3_67441338	G	A	3	67441338	Polymorphic in Stiff Stalk Material
806	AGP_SNP2001_S3_67863836	C	T	3	67863836	Yield
807	AGP_SNP3044_S3_98255576	G	A	3	98255576	Polymorphic in Stiff Stalk Material
808	AGP_SNP2911_S3_102477733	T	C	3	102477733	Polymorphic in Stiff Stalk Material
809	AGP_SNP2912_S3_104264609	G	T	3	104264609	Plant and Ear Height, Yield
810	AGP_SNP2264_S3_109881648	G	A	3	109881648	Plant and Ear Height, Yield
811	AGP_SNP2241_S3_115534079	A	G	3	115534079	Flowering Time
812	AGP_SNP2919_S3_122985736	A	T	3	122985736	Polymorphic in Stiff Stalk Material
813	AGP_SNP2920_S3_124276694	G	A	3	124276694	Polymorphic in Stiff Stalk Material
814	AGP_SNP2188_S3_125219740	T	C	3	125219740	Yield
815	AGP_SNP2189_S3_125220748	G	C	3	125220748	Yield
816	AGP_SNP1866_S3_130552961	G	A	3	130552961	Grain Moisture
817	AGP_SNP1701_S3_130552982	C	T	3	130552982	Grain Moisture
818	AGP_SNP2922_S3_130938670	A	T	3	130938670	Polymorphic in Stiff Stalk Material
819	AGP_SNP2924_S3_133143215	T	C	3	133143215	Ear, Kernel,or Cob Morphology

820	AGP_SNP0528_S3_134035633	A	G	3	134035633	Grain Moisture
821	AGP_SNP0530_S3_134442990	C	A	3	134442990	Flowering Time
822	AGP_SNP2925_S3_135487037	C	G	3	135487037	Polymorphic in Stiff Stalk Material
823	AGP_SNP2927_S3_137533609	A	C	3	137533609	Polymorphic in Stiff Stalk Material
824	AGP_SNP0533_S3_137957033	C	G	3	137957033	Grain Moisture
825	AGP_SNP2928_S3_139336936	C	T	3	139336936	Polymorphic in Stiff Stalk Material
826	AGP_SNP0534_S3_139727661	T	C	3	139727661	Grain Moisture
827	AGP_SNP2929_S3_143115991	T	G	3	143115991	Polymorphic in Stiff Stalk Material
828	AGP_SNP0536_S3_143118496	T	C	3	143118496	Flowering Time
829	AGP_SNP0538_S3_143318686	C	T	3	143318686	Flowering Time
830	AGP_SNP2038_S3_148697942	C	T	3	148697942	Yield
831	AGP_SNP2934_S3_149117121	G	A	3	149117121	Polymorphic in Stiff Stalk Material
832	AGP_SNP0541_S3_149117323	C	A	3	149117323	Ear, Kernel,or Cob Morphology
833	AGP_SNP2363_S3_150111724	G	T	3	150111724	Flowering Time
834	AGP_SNP0543_S3_150637571	C	A	3	150637571	Grain Moisture
835	AGP_SNP0544_S3_150915949	G	A	3	150915949	Grain Moisture
836	AGP_SNP2385_S3_150917243	C	T	3	150917243	Flowering Time
837	AGP_SNP2935_S3_151448709	A	G	3	151448709	Polymorphic in Stiff Stalk Material
838	AGP_SNP0546_S3_151478783	A	G	3	151478783	Grain Moisture
839	AGP_SNP0547_S3_152233321	C	T	3	152233321	Grain Moisture
840	AGP_SNP2357_S3_152950371	G	A	3	152950371	Flowering Time
841	AGP_SNP0548_S3_152992674	G	A	3	152992674	Grain Moisture
842	AGP_SNP1953_S3_153463524	G	C	3	153463524	Flowering Time
843	AGP_SNP2937_S3_155399439	T	C	3	155399439	Polymorphic in Stiff Stalk Material
844	AGP_SNP2938_S3_155403039	C	T	3	155403039	Flowering Time
845	AGP_SNP0550_S3_156001676	T	C	3	156001676	Flowering Time
846	AGP_SNP0551_S3_156073129	C	A	3	156073129	Flowering Time
847	AGP_SNP0552_S3_156226908	T	C	3	156226908	Flowering Time
848	AGP_SNP0553_S3_156227261	T	C	3	156227261	Grain Moisture
849	AGP_SNP0554_S3_156228206	G	A	3	156228206	Ear, Kernel,or Cob Morphology
850	AGP_SNP0555_S3_156270994	T	G	3	156270994	Ear, Kernel,or Cob Morphology
851	AGP_SNP1481_S3_156277883	A	T	3	156277883	Ear, Kernel,or Cob Morphology, Plant and Ear Height
852	AGP_SNP1484_S3_156277910	A	G	3	156277910	Plant and Ear Height

853	AGP_SNP0556_S3_156763112	G	A	3	156763112	Plant and Ear Height
854	AGP_SNP0557_S3_156820527	C	T	3	156820527	Ear, Kernel,or Cob Morphology
855	AGP_SNP2939_S3_156830645	G	A	3	156830645	Polymorphic in Stiff Stalk Material
856	AGP_SNP0558_S3_157123498	G	A	3	157123498	Grain Moisture
857	AGP_SNP0559_S3_157504579	G	C	3	157504579	Grain Moisture
858	AGP_SNP0560_S3_158076754	C	A	3	158076754	Plant and Ear Height
859	AGP_SNP0561_S3_158144387	T	C	3	158144387	Plant and Ear Height
860	AGP_SNP0562_S3_158250388	T	C	3	158250388	Plant and Ear Height
861	AGP_SNP0563_S3_159093153	A	T	3	159093153	Grain Moisture
862	AGP_SNP1739_S3_159200750	C	T	3	159200750	Plant and Ear Height
863	AGP_SNP0564_S3_159280382	A	G	3	159280382	Grain Moisture
864	AGP_SNP2941_S3_159658716	G	A	3	159658716	Polymorphic in Stiff Stalk Material
865	AGP_SNP0565_S3_159820975	T	C	3	159820975	Yield
866	AGP_SNP0566_S3_160747686	G	A	3	160747686	Flowering Time
867	AGP_SNP1921_S3_161085854	A	G	3	161085854	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
868	AGP_SNP0567_S3_161093843	T	C	3	161093843	Ear, Kernel,or Cob Morphology
869	AGP_SNP1914_S3_162004498	T	C	3	162004498	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
870	AGP_SNP0568_S3_162591165	T	A	3	162591165	Plant and Ear Height
871	AGP_SNP0569_S3_162820425	C	T	3	162820425	Ear, Kernel,or Cob Morphology
872	AGP_SNP0570_S3_163752888	T	C	3	163752888	Yield
873	AGP_SNP0571_S3_163926792	G	A	3	163926792	Flowering Time
874	AGP_SNP2942_S3_164144412	T	C	3	164144412	Polymorphic in Stiff Stalk Material
875	AGP_SNP2944_S3_169098185	G	T	3	169098185	Polymorphic in Stiff Stalk Material
876	AGP_SNP1505_S3_169116636	A	G	3	169116636	Plant and Ear Height
877	AGP_SNP2167_S3_169283751	C	G	3	169283751	Plant and Ear Height
878	AGP_SNP2945_S3_170297266	G	T	3	170297266	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
879	AGP_SNP2950_S3_170391129	C	A	3	170391129	Polymorphic in Stiff Stalk Material
880	AGP_SNP0572_S3_171047975	G	T	3	171047975	Grain Moisture
881	AGP_SNP0573_S3_171049180	T	C	3	171049180	Ear, Kernel,or Cob Morphology
882	AGP_SNP0574_S3_171118467	G	C	3	171118467	Yield
883	AGP_SNP0575_S3_171380890	T	C	3	171380890	Ear, Kernel,or Cob Morphology
884	AGP_SNP2951_S3_171487117	A	G	3	171487117	Polymorphic in Stiff Stalk Material
885	AGP_SNP0576_S3_171698307	T	G	3	171698307	Plant and Ear Height

886	AGP_SNP2952_S3_172631601	G	A	3	172631601	Polymorphic in Stiff Stalk Material
887	AGP_SNP1839_S3_173080450	C	A	3	173080450	Ear, Kernel,or Cob Morphology
888	AGP_SNP0577_S3_173574332	G	T	3	173574332	Ear, Kernel,or Cob Morphology
889	AGP_SNP0578_S3_173668335	A	T	3	173668335	Plant and Ear Height
890	AGP_SNP2953_S3_174251218	G	A	3	174251218	Polymorphic in Stiff Stalk Material
891	AGP_SNP2954_S3_175410413	G	A	3	175410413	Plant and Ear Height, Yield
892	AGP_SNP2958_S3_175410430	C	T	3	175410430	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
893	AGP_SNP2009_S3_175412822	C	T	3	175412822	Ear, Kernel,or Cob Morphology
894	AGP_SNP2963_S3_176077311	G	A	3	176077311	Polymorphic in Stiff Stalk Material
895	AGP_SNP2968_S3_177126855	G	A	3	177126855	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
896	AGP_SNP2971_S3_177561829	G	A	3	177561829	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
897	AGP_SNP2976_S3_177563221	T	C	3	177563221	Flowering Time
898	AGP_SNP0579_S3_177690776	G	T	3	177690776	Tassel Architecture
899	AGP_SNP0580_S3_177693438	G	C	3	177693438	Grain Moisture
900	AGP_SNP0581_S3_178168134	G	T	3	178168134	Tassel Architecture
901	AGP_SNP2977_S3_178168227	T	C	3	178168227	Polymorphic in Stiff Stalk Material
902	AGP_SNP0582_S3_178405366	T	G	3	178405366	Plant and Ear Height
903	AGP_SNP0583_S3_179047893	G	T	3	179047893	Grain Moisture
904	AGP_SNP2978_S3_179838722	G	A	3	179838722	Polymorphic in Stiff Stalk Material
905	AGP_SNP0584_S3_179993119	A	G	3	179993119	Tassel Architecture
906	AGP_SNP0585_S3_180300684	A	T	3	180300684	Tassel Architecture
907	AGP_SNP0587_S3_180462077	C	A	3	180462077	Plant and Ear Height
908	AGP_SNP0588_S3_180463918	G	A	3	180463918	Plant and Ear Height
909	AGP_SNP0589_S3_181084639	T	C	3	181084639	Tassel Architecture
910	AGP_SNP0590_S3_181089329	T	C	3	181089329	Tassel Architecture
911	AGP_SNP0591_S3_181403147	A	T	3	181403147	Yield
912	AGP_SNP2979_S3_181403809	G	T	3	181403809	Polymorphic in Stiff Stalk Material
913	AGP_SNP0592_S3_181990128	G	A	3	181990128	Grain Moisture
914	AGP_SNP0593_S3_183585883	A	G	3	183585883	Ear, Kernel,or Cob Morphology
915	AGP_SNP2982_S3_184112463	G	A	3	184112463	Polymorphic in Stiff Stalk Material
916	AGP_SNP0595_S3_184696223	A	G	3	184696223	Plant and Ear Height
917	AGP_SNP2983_S3_185047472	C	A	3	185047472	Polymorphic in Stiff Stalk Material
918	AGP_SNP2108_S3_185689615	C	T	3	185689615	Grain Moisture

919	AGP_SNP2984_S3_186112529	A	C	3	186112529	Grain Moisture
920	AGP_SNP2985_S3_186759224	C	T	3	186759224	Polymorphic in Stiff Stalk Material
921	AGP_SNP0596_S3_187195001	T	C	3	187195001	Flowering Time
922	AGP_SNP2986_S3_187692026	G	T	3	187692026	Polymorphic in Stiff Stalk Material
923	AGP_SNP1638_S3_188497071	C	T	3	188497071	Grain Moisture
924	AGP_SNP2323_S3_188500699	T	G	3	188500699	Ear, Kernel,or Cob Morphology
925	AGP_SNP2324_S3_188500730	G	A	3	188500730	Ear, Kernel,or Cob Morphology
926	AGP_SNP1686_S3_188667827	C	T	3	188667827	Grain Moisture
927	AGP_SNP2987_S3_189196859	G	T	3	189196859	Polymorphic in Stiff Stalk Material
928	AGP_SNP2989_S3_192519364	G	A	3	192519364	Ear, Kernel,or Cob Morphology
929	AGP_SNP2991_S3_194915220	G	A	3	194915220	Polymorphic in Stiff Stalk Material
930	AGP_SNP1490_S3_195626545	A	G	3	195626545	Ear, Kernel,or Cob Morphology
931	AGP_SNP2992_S3_196393427	T	C	3	196393427	Polymorphic in Stiff Stalk Material
932	AGP_SNP2994_S3_197318294	A	C	3	197318294	Polymorphic in Stiff Stalk Material
933	AGP_SNP2995_S3_199144100	C	A	3	199144100	Polymorphic in Stiff Stalk Material
934	AGP_SNP2996_S3_200022599	T	C	3	200022599	Polymorphic in Stiff Stalk Material
935	AGP_SNP2997_S3_201034518	C	G	3	201034518	Polymorphic in Stiff Stalk Material
936	AGP_SNP2497_S3_201140023	G	A	3	201140023	Plant and Ear Height
937	AGP_SNP2998_S3_202031783	T	C	3	202031783	Polymorphic in Stiff Stalk Material
938	AGP_SNP2999_S3_202899898	C	T	3	202899898	Polymorphic in Stiff Stalk Material
939	AGP_SNP3001_S3_204443484	C	A	3	204443484	Polymorphic in Stiff Stalk Material
940	AGP_SNP3002_S3_206340812	G	C	3	206340812	Polymorphic in Stiff Stalk Material
941	AGP_SNP3003_S3_207306147	C	G	3	207306147	Polymorphic in Stiff Stalk Material
942	AGP_SNP0598_S3_207377077	A	T	3	207377077	Plant and Ear Height
943	AGP_SNP0599_S3_208260996	T	C	3	208260996	Plant and Ear Height
944	AGP_SNP0600_S3_209594607	C	A	3	209594607	Plant and Ear Height
945	AGP_SNP0601_S3_209609982	C	T	3	209609982	Grain Moisture
946	AGP_SNP0602_S3_209610170	C	T	3	209610170	Plant and Ear Height
947	AGP_SNP0603_S3_209669953	G	A	3	209669953	Grain Moisture
948	AGP_SNP2077_S3_209803612	G	T	3	209803612	Ear, Kernel,or Cob Morphology
949	AGP_SNP0604_S3_210833153	A	C	3	210833153	Ear, Kernel,or Cob Morphology
950	AGP_SNP0605_S3_210859046	C	T	3	210859046	Plant and Ear Height
951	AGP_SNP3004_S3_212068020	A	G	3	212068020	Polymorphic in Stiff Stalk Material

952	AGP_SNP3005_S3_212432960	G	A	3	212432960	Plant and Ear Height
953	AGP_SNP3006_S3_213324844	C	T	3	213324844	Polymorphic in Stiff Stalk Material
954	AGP_SNP0606_S3_213618693	G	A	3	213618693	Plant and Ear Height
955	AGP_SNP1867_S3_214045535	C	T	3	214045535	Plant and Ear Height
956	AGP_SNP3007_S3_214188329	T	C	3	214188329	Grain Moisture
957	AGP_SNP2109_S3_214188340	T	C	3	214188340	Ear, Kernel,or Cob Morphology, Plant and Ear Height
958	AGP_SNP1998_S3_214605122	C	T	3	214605122	Ear, Kernel,or Cob Morphology, Plant and Ear Height
959	AGP_SNP0608_S3_214725503	T	C	3	214725503	Plant and Ear Height
960	AGP_SNP3008_S3_215087143	G	C	3	215087143	Grain Moisture
961	AGP_SNP2071_S3_215302622	G	A	3	215302622	Yield
962	AGP_SNP0609_S3_215322817	G	A	3	215322817	Plant and Ear Height
963	AGP_SNP3009_S3_215863528	G	A	3	215863528	Polymorphic in Stiff Stalk Material
964	AGP_SNP2111_S3_215949122	A	G	3	215949122	Grain Moisture
965	AGP_SNP1818_S3_217122021	T	C	3	217122021	Grain Moisture
966	AGP_SNP0610_S3_217124964	T	A	3	217124964	Ear, Kernel,or Cob Morphology
967	AGP_SNP3010_S3_218883017	A	C	3	218883017	Polymorphic in Stiff Stalk Material
968	AGP_SNP3011_S3_219791737	C	G	3	219791737	Polymorphic in Stiff Stalk Material
969	AGP_SNP0611_S3_220553933	A	T	3	220553933	Plant and Ear Height
970	AGP_SNP3012_S3_221113183	T	G	3	221113183	Polymorphic in Stiff Stalk Material
971	AGP_SNP0612_S3_221172195	T	C	3	221172195	Plant and Ear Height
972	AGP_SNP0615_S3_221485615	G	A	3	221485615	Plant and Ear Height
973	AGP_SNP0616_S3_221603754	G	C	3	221603754	Disease Resistance
974	AGP_SNP0617_S3_221603868	T	C	3	221603868	Plant and Ear Height
975	AGP_SNP3013_S3_221892178	A	G	3	221892178	Polymorphic in Stiff Stalk Material
976	AGP_SNP0618_S3_222666213	G	T	3	222666213	Ear, Kernel,or Cob Morphology
977	AGP_SNP0619_S3_222666340	G	A	3	222666340	Plant and Ear Height
978	AGP_SNP3014_S3_222668770	A	C	3	222668770	Plant and Ear Height
979	AGP_SNP0620_S3_222761948	T	G	3	222761948	Ear, Kernel,or Cob Morphology
980	AGP_SNP0621_S3_222882360	T	C	3	222882360	Ear, Kernel,or Cob Morphology
981	AGP_SNP3015_S3_223081473	C	A	3	223081473	Polymorphic in Stiff Stalk Material
982	AGP_SNP0622_S3_223081534	T	C	3	223081534	Ear, Kernel,or Cob Morphology
983	AGP_SNP0623_S3_223158468	G	T	3	223158468	Ear, Kernel,or Cob Morphology
984	AGP_SNP0625_S3_223221766	T	C	3	223221766	Ear, Kernel,or Cob Morphology

985	AGP_SNP3059_S4_1582526	C	T	4	1582526	Polymorphic in Stiff Stalk Material
986	AGP_SNP3115_S4_3684946	C	T	4	3684946	Polymorphic in Stiff Stalk Material
987	AGP_SNP1869_S4_4117851	T	A	4	4117851	Grain Moisture
988	AGP_SNP2046_S4_4389708	C	A	4	4389708	Flowering Time
989	AGP_SNP0766_S4_4421555	T	G	4	4421555	Flowering Time
990	AGP_SNP3120_S4_4429338	T	C	4	4429338	Flowering Time
991	AGP_SNP0767_S4_4868446	G	A	4	4868446	Flowering Time
992	AGP_SNP2335_S4_5032583	C	A	4	5032583	Grain Moisture
993	AGP_SNP0768_S4_5038043	C	T	4	5038043	Flowering Time
994	AGP_SNP0769_S4_5391059	T	A	4	5391059	Yield
995	AGP_SNP0771_S4_6215946	G	A	4	6215946	Plant and Ear Height
996	AGP_SNP0772_S4_6216277	T	G	4	6216277	Ear, Kernel,or Cob Morphology
997	AGP_SNP0773_S4_6256393	T	C	4	6256393	Root Architecture
998	AGP_SNP0774_S4_6374168	G	A	4	6374168	Ear, Kernel,or Cob Morphology
999	AGP_SNP0775_S4_6382493	T	C	4	6382493	Ear, Kernel,or Cob Morphology
1000	AGP_SNP0776_S4_6383721	C	G	4	6383721	Ear, Kernel,or Cob Morphology
1001	AGP_SNP3125_S4_6388262	A	G	4	6388262	Polymorphic in Stiff Stalk Material
1002	AGP_SNP0778_S4_6397331	C	G	4	6397331	Other
1003	AGP_SNP3129_S4_7632233	C	T	4	7632233	Polymorphic in Stiff Stalk Material
1004	AGP_SNP0786_S4_7634160	C	T	4	7634160	Ear, Kernel,or Cob Morphology
1005	AGP_SNP0787_S4_7635295	G	C	4	7635295	Ear, Kernel,or Cob Morphology
1006	AGP_SNP0790_S4_7967173	G	C	4	7967173	Plant and Ear Height
1007	AGP_SNP0791_S4_8027896	A	G	4	8027896	Ear, Kernel,or Cob Morphology
1008	AGP_SNP0795_S4_8316239	G	A	4	8316239	Flowering Time
1009	AGP_SNP0796_S4_8454252	T	G	4	8454252	Plant and Ear Height
1010	AGP_SNP0641_S4_10696101	C	T	4	10696101	Flowering Time
1011	AGP_SNP3045_S4_10786694	G	A	4	10786694	Polymorphic in Stiff Stalk Material
1012	AGP_SNP0642_S4_10904652	G	A	4	10904652	Flowering Time
1013	AGP_SNP3046_S4_11760644	C	T	4	11760644	Polymorphic in Stiff Stalk Material
1014	AGP_SNP0644_S4_12766998	C	T	4	12766998	Yield
1015	AGP_SNP3049_S4_13010338	C	T	4	13010338	Polymorphic in Stiff Stalk Material
1016	AGP_SNP0656_S4_13315712	A	G	4	13315712	Ear, Kernel,or Cob Morphology
1017	AGP_SNP3055_S4_15099638	A	G	4	15099638	Polymorphic in Stiff Stalk Material

1018	AGP_SNP0661_S4_15666621	C	G	4	15666621	Plant and Ear Height
1019	AGP_SNP0662_S4_15673073	A	G	4	15673073	Plant and Ear Height
1020	AGP_SNP1647_S4_15975070	G	A	4	15975070	Ear, Kernel,or Cob Morphology
1021	AGP_SNP0665_S4_16064424	G	T	4	16064424	Plant and Ear Height
1022	AGP_SNP0667_S4_16194115	C	T	4	16194115	Plant and Ear Height
1023	AGP_SNP0668_S4_16268360	C	T	4	16268360	Ear, Kernel,or Cob Morphology
1024	AGP_SNP0669_S4_16652461	G	A	4	16652461	Plant and Ear Height
1025	AGP_SNP0672_S4_16940584	A	G	4	16940584	Ear, Kernel,or Cob Morphology
1026	AGP_SNP0673_S4_16944639	A	G	4	16944639	Flowering Time
1027	AGP_SNP0678_S4_17273302	T	C	4	17273302	Plant and Ear Height
1028	AGP_SNP0679_S4_17273483	G	A	4	17273483	Plant and Ear Height
1029	AGP_SNP3079_S4_18076248	T	G	4	18076248	Polymorphic in Stiff Stalk Material
1030	AGP_SNP0708_S4_18845218	G	C	4	18845218	Ear, Kernel,or Cob Morphology
1031	AGP_SNP0710_S4_19113113	G	A	4	19113113	Ear, Kernel,or Cob Morphology
1032	AGP_SNP0713_S4_19533309	G	T	4	19533309	Ear, Kernel,or Cob Morphology
1033	AGP_SNP0714_S4_19534877	A	G	4	19534877	Ear, Kernel,or Cob Morphology
1034	AGP_SNP0715_S4_19535516	C	T	4	19535516	Ear, Kernel,or Cob Morphology
1035	AGP_SNP0716_S4_19535656	T	C	4	19535656	Plant and Ear Height
1036	AGP_SNP0717_S4_19556309	A	T	4	19556309	Flowering Time
1037	AGP_SNP0718_S4_19556918	A	C	4	19556918	Plant and Ear Height
1038	AGP_SNP0719_S4_19684514	A	G	4	19684514	Flowering Time
1039	AGP_SNP0720_S4_20268200	T	C	4	20268200	Flowering Time
1040	AGP_SNP3097_S4_20270571	G	C	4	20270571	Polymorphic in Stiff Stalk Material
1041	AGP_SNP0721_S4_20274946	G	A	4	20274946	Flowering Time
1042	AGP_SNP0723_S4_20497213	A	C	4	20497213	Plant and Ear Height
1043	AGP_SNP0724_S4_20598297	C	A	4	20598297	Plant and Ear Height
1044	AGP_SNP1607_S4_21107980	T	A	4	21107980	Grain Moisture
1045	AGP_SNP0726_S4_21650368	G	A	4	21650368	Yield
1046	AGP_SNP2296_S4_21903148	A	G	4	21903148	Grain Moisture
1047	AGP_SNP3103_S4_21908896	C	T	4	21908896	Polymorphic in Stiff Stalk Material
1048	AGP_SNP0727_S4_23290605	C	T	4	23290605	Plant and Ear Height
1049	AGP_SNP0728_S4_23361153	G	A	4	23361153	Ear, Kernel,or Cob Morphology
1050	AGP_SNP0729_S4_23371382	T	C	4	23371382	Plant and Ear Height

1051	AGP_SNP0730_S4_23915319	T	C	4	23915319	Plant and Ear Height
1052	AGP_SNP0731_S4_23915745	T	C	4	23915745	Plant and Ear Height
1053	AGP_SNP0734_S4_24237240	T	A	4	24237240	Plant and Ear Height
1054	AGP_SNP2431_S4_24592534	G	A	4	24592534	Flowering Time, Grain Moisture
1055	AGP_SNP0735_S4_26899943	A	G	4	26899943	Ear, Kernel,or Cob Morphology
1056	AGP_SNP3111_S4_26905846	G	A	4	26905846	Polymorphic in Stiff Stalk Material
1057	AGP_SNP0736_S4_27987442	G	T	4	27987442	Flowering Time
1058	AGP_SNP0737_S4_28628470	C	G	4	28628470	Yield
1059	AGP_SNP0738_S4_28770521	C	T	4	28770521	Plant and Ear Height
1060	AGP_SNP0739_S4_28810964	T	C	4	28810964	Flowering Time
1061	AGP_SNP0740_S4_28837786	G	T	4	28837786	Plant and Ear Height
1062	AGP_SNP0741_S4_30916257	C	A	4	30916257	Flowering Time
1063	AGP_SNP0742_S4_31060579	A	T	4	31060579	Flowering Time
1064	AGP_SNP2072_S4_32789730	G	T	4	32789730	Grain Moisture
1065	AGP_SNP3113_S4_33024458	G	C	4	33024458	Polymorphic in Stiff Stalk Material
1066	AGP_SNP0743_S4_33668810	T	C	4	33668810	Plant and Ear Height
1067	AGP_SNP0744_S4_33993933	T	C	4	33993933	Ear, Kernel,or Cob Morphology
1068	AGP_SNP0745_S4_34193017	G	A	4	34193017	Plant and Ear Height
1069	AGP_SNP0746_S4_34194561	A	G	4	34194561	Ear, Kernel,or Cob Morphology
1070	AGP_SNP3114_S4_34452423	G	C	4	34452423	Polymorphic in Stiff Stalk Material
1071	AGP_SNP0747_S4_34462128	T	C	4	34462128	Ear, Kernel,or Cob Morphology
1072	AGP_SNP0748_S4_35081018	C	T	4	35081018	Plant and Ear Height
1073	AGP_SNP0749_S4_35081158	G	C	4	35081158	Plant and Ear Height
1074	AGP_SNP0750_S4_35662011	G	T	4	35662011	Plant and Ear Height
1075	AGP_SNP0751_S4_36249700	C	A	4	36249700	Plant and Ear Height
1076	AGP_SNP3116_S4_37347025	G	C	4	37347025	Polymorphic in Stiff Stalk Material
1077	AGP_SNP0753_S4_37547893	T	C	4	37547893	Flowering Time
1078	AGP_SNP0754_S4_37548473	C	T	4	37548473	Flowering Time
1079	AGP_SNP0756_S4_38327201	G	T	4	38327201	Flowering Time
1080	AGP_SNP0757_S4_38330727	G	A	4	38330727	Plant and Ear Height
1081	AGP_SNP0758_S4_38432457	C	G	4	38432457	Flowering Time
1082	AGP_SNP0759_S4_38436437	C	A	4	38436437	Plant and Ear Height
1083	AGP_SNP0760_S4_38436696	C	T	4	38436696	Flowering Time

1084	AGP_SNP0761_S4_38760190	T	A	4	38760190	Plant and Ear Height
1085	AGP_SNP3117_S4_39984524	T	C	4	39984524	Polymorphic in Stiff Stalk Material
1086	AGP_SNP0764_S4_42420846	T	C	4	42420846	Grain Moisture
1087	AGP_SNP3119_S4_42461443	A	G	4	42461443	Polymorphic in Stiff Stalk Material
1088	AGP_SNP0765_S4_43857521	A	G	4	43857521	Plant and Ear Height
1089	AGP_SNP3124_S4_59942187	T	A	4	59942187	Polymorphic in Stiff Stalk Material
1090	AGP_SNP0779_S4_65069576	G	T	4	65069576	Flowering Time
1091	AGP_SNP0780_S4_68476055	G	A	4	68476055	Plant and Ear Height
1092	AGP_SNP3126_S4_68509682	A	G	4	68509682	Polymorphic in Stiff Stalk Material
1093	AGP_SNP0781_S4_68989860	G	C	4	68989860	Flowering Time
1094	AGP_SNP0783_S4_73619862	C	G	4	73619862	Plant and Ear Height
1095	AGP_SNP3127_S4_73620368	G	A	4	73620368	Polymorphic in Stiff Stalk Material
1096	AGP_SNP0784_S4_73992822	G	C	4	73992822	Flowering Time
1097	AGP_SNP0785_S4_75740693	A	G	4	75740693	Plant and Ear Height
1098	AGP_SNP3128_S4_75879426	T	C	4	75879426	Polymorphic in Stiff Stalk Material
1099	AGP_SNP0789_S4_78642178	T	G	4	78642178	Flowering Time
1100	AGP_SNP3130_S4_78663165	G	A	4	78663165	Polymorphic in Stiff Stalk Material
1101	AGP_SNP3131_S4_81325355	C	A	4	81325355	Polymorphic in Stiff Stalk Material
1102	AGP_SNP0792_S4_81555504	A	G	4	81555504	Grain Moisture
1103	AGP_SNP3132_S4_83555330	C	T	4	83555330	Polymorphic in Stiff Stalk Material
1104	AGP_SNP3133_S4_86783804	A	G	4	86783804	Polymorphic in Stiff Stalk Material
1105	AGP_SNP3047_S4_123692246	C	G	4	123692246	Polymorphic in Stiff Stalk Material
1106	AGP_SNP0645_S4_127783045	C	T	4	127783045	Grain Moisture
1107	AGP_SNP3048_S4_128252497	A	G	4	128252497	Polymorphic in Stiff Stalk Material
1108	AGP_SNP0646_S4_129510370	A	C	4	129510370	Grain Moisture
1109	AGP_SNP0648_S4_130234780	G	A	4	130234780	Tassel Architecture
1110	AGP_SNP3050_S4_130979624	G	A	4	130979624	Polymorphic in Stiff Stalk Material
1111	AGP_SNP0649_S4_131389825	C	G	4	131389825	Flowering Time
1112	AGP_SNP0650_S4_131570243	G	T	4	131570243	Plant and Ear Height
1113	AGP_SNP0652_S4_132644449	G	A	4	132644449	Flowering Time
1114	AGP_SNP0653_S4_132796082	G	A	4	132796082	Grain Moisture
1115	AGP_SNP2366_S4_133572067	C	A	4	133572067	Plant and Ear Height
1116	AGP_SNP3051_S4_134019236	A	G	4	134019236	Polymorphic in Stiff Stalk Material

1117	AGP_SNP3052_S4_138959026	T	C	4	138959026	Polymorphic in Stiff Stalk Material
1118	AGP_SNP3054_S4_147394691	A	G	4	147394691	Polymorphic in Stiff Stalk Material
1119	AGP_SNP3056_S4_151119203	C	G	4	151119203	Polymorphic in Stiff Stalk Material
1120	AGP_SNP0658_S4_151260095	T	A	4	151260095	Yield
1121	AGP_SNP0659_S4_153136183	T	C	4	153136183	Grain Moisture
1122	AGP_SNP3057_S4_153603804	A	G	4	153603804	Polymorphic in Stiff Stalk Material
1123	AGP_SNP0660_S4_154508054	T	C	4	154508054	Grain Moisture
1124	AGP_SNP3058_S4_157787690	C	T	4	157787690	Polymorphic in Stiff Stalk Material
1125	AGP_SNP3060_S4_158893534	C	A	4	158893534	Polymorphic in Stiff Stalk Material
1126	AGP_SNP0664_S4_159136751	C	T	4	159136751	Tassel Architecture
1127	AGP_SNP1940_S4_159826794	C	T	4	159826794	Yield
1128	AGP_SNP3061_S4_161049665	G	A	4	161049665	Polymorphic in Stiff Stalk Material
1129	AGP_SNP3062_S4_162868828	T	C	4	162868828	Ear, Kernel,or Cob Morphology
1130	AGP_SNP3063_S4_163363238	A	G	4	163363238	Polymorphic in Stiff Stalk Material
1131	AGP_SNP1774_S4_164880766	C	T	4	164880766	Ear, Kernel,or Cob Morphology, Yield
1132	AGP_SNP3064_S4_165029407	A	G	4	165029407	Polymorphic in Stiff Stalk Material
1133	AGP_SNP3066_S4_166721935	C	G	4	166721935	Ear, Kernel,or Cob Morphology, Grain Moisture
1134	AGP_SNP3069_S4_168846256	C	A	4	168846256	Polymorphic in Stiff Stalk Material
1135	AGP_SNP1533_S4_168922442	G	A	4	168922442	Ear, Kernel,or Cob Morphology
1136	AGP_SNP0670_S4_168972787	A	C	4	168972787	Ear, Kernel,or Cob Morphology
1137	AGP_SNP0671_S4_169358752	G	A	4	169358752	Plant and Ear Height
1138	AGP_SNP3070_S4_170716007	A	G	4	170716007	Polymorphic in Stiff Stalk Material
1139	AGP_SNP0674_S4_171079944	C	T	4	171079944	Plant and Ear Height
1140	AGP_SNP0675_S4_171087001	G	C	4	171087001	Plant and Ear Height
1141	AGP_SNP3071_S4_172016374	G	A	4	172016374	Plant and Ear Height
1142	AGP_SNP3072_S4_172278923	G	C	4	172278923	Polymorphic in Stiff Stalk Material
1143	AGP_SNP0677_S4_172480572	A	T	4	172480572	Flowering Time
1144	AGP_SNP0680_S4_173206081	T	C	4	173206081	Flowering Time
1145	AGP_SNP0681_S4_173647564	G	C	4	173647564	Flowering Time
1146	AGP_SNP0682_S4_173812038	C	G	4	173812038	Ear, Kernel,or Cob Morphology
1147	AGP_SNP0683_S4_174235497	C	T	4	174235497	Ear, Kernel,or Cob Morphology
1148	AGP_SNP0684_S4_174661607	G	C	4	174661607	Ear, Kernel,or Cob Morphology
1149	AGP_SNP1728_S4_174894581	A	G	4	174894581	Flowering Time

1150	AGP_SNP3073_S4_175587769	C	T	4	175587769	Polymorphic in Stiff Stalk Material
1151	AGP_SNP0685_S4_175791704	T	C	4	175791704	Ear, Kernel,or Cob Morphology
1152	AGP_SNP0686_S4_176115520	T	C	4	176115520	Flowering Time
1153	AGP_SNP0688_S4_176599341	A	G	4	176599341	Yield
1154	AGP_SNP3074_S4_176927461	G	T	4	176927461	Polymorphic in Stiff Stalk Material
1155	AGP_SNP0689_S4_177214147	C	G	4	177214147	Ear, Kernel,or Cob Morphology
1156	AGP_SNP3075_S4_177233386	G	A	4	177233386	Plant and Ear Height
1157	AGP_SNP1628_S4_177233411	T	C	4	177233411	Yield
1158	AGP_SNP0690_S4_177342963	C	G	4	177342963	Ear, Kernel,or Cob Morphology
1159	AGP_SNP0691_S4_177343094	C	T	4	177343094	Ear, Kernel,or Cob Morphology
1160	AGP_SNP1554_S4_177902767	A	G	4	177902767	Yield
1161	AGP_SNP2489_S4_178069434	G	A	4	178069434	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1162	AGP_SNP0692_S4_178384209	A	G	4	178384209	Ear, Kernel,or Cob Morphology
1163	AGP_SNP3076_S4_178453956	T	C	4	178453956	Polymorphic in Stiff Stalk Material
1164	AGP_SNP0693_S4_178454530	G	A	4	178454530	Flowering Time
1165	AGP_SNP0694_S4_179370281	A	G	4	179370281	Tassel Architecture
1166	AGP_SNP0695_S4_179674671	A	G	4	179674671	LowestBranchAngleGT_P
1167	AGP_SNP3077_S4_179674809	T	G	4	179674809	Polymorphic in Stiff Stalk Material
1168	AGP_SNP1630_S4_180001616	C	G	4	180001616	Ear, Kernel,or Cob Morphology
1169	AGP_SNP3078_S4_180637167	C	T	4	180637167	Polymorphic in Stiff Stalk Material
1170	AGP_SNP0697_S4_180797642	C	T	4	180797642	Flowering Time
1171	AGP_SNP0698_S4_181091704	C	G	4	181091704	Ear, Kernel,or Cob Morphology
1172	AGP_SNP3080_S4_181557315	G	T	4	181557315	Polymorphic in Stiff Stalk Material
1173	AGP_SNP3081_S4_182099943	C	T	4	182099943	Grain Moisture
1174	AGP_SNP0699_S4_182462132	T	C	4	182462132	Ear, Kernel,or Cob Morphology
1175	AGP_SNP3082_S4_183484419	G	A	4	183484419	Polymorphic in Stiff Stalk Material
1176	AGP_SNP0701_S4_183484517	T	G	4	183484517	Yield
1177	AGP_SNP0702_S4_183587157	C	T	4	183587157	Yield
1178	AGP_SNP2068_S4_183806901	T	C	4	183806901	Yield
1179	AGP_SNP1743_S4_184081735	C	T	4	184081735	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
1180	AGP_SNP2281_S4_184594373	G	A	4	184594373	Yield
1181	AGP_SNP3083_S4_184739545	C	T	4	184739545	Polymorphic in Stiff Stalk Material
1182	AGP_SNP3084_S4_185719827	T	C	4	185719827	Polymorphic in Stiff Stalk Material

1183	AGP_SNP0704_S4_186630216	G	T	4	186630216	Ear, Kernel,or Cob Morphology
1184	AGP_SNP0706_S4_187126058	C	G	4	187126058	Plant and Ear Height
1185	AGP_SNP3085_S4_187162013	C	T	4	187162013	Polymorphic in Stiff Stalk Material
1186	AGP_SNP0707_S4_188075715	G	C	4	188075715	Yield
1187	AGP_SNP3086_S4_189064084	T	G	4	189064084	Polymorphic in Stiff Stalk Material
1188	AGP_SNP3090_S4_191133446	G	C	4	191133446	Polymorphic in Stiff Stalk Material
1189	AGP_SNP2170_S4_191603783	A	G	4	191603783	Plant and Ear Height
1190	AGP_SNP3091_S4_192740039	A	T	4	192740039	Polymorphic in Stiff Stalk Material
1191	AGP_SNP3093_S4_196533266	A	G	4	196533266	Plant and Ear Height
1192	AGP_SNP3094_S4_196533277	C	T	4	196533277	Plant and Ear Height
1193	AGP_SNP2349_S4_196697423	C	G	4	196697423	Flowering Time, Plant and Ear Height
1194	AGP_SNP3095_S4_199387908	A	G	4	199387908	Polymorphic in Stiff Stalk Material
1195	AGP_SNP3096_S4_201649912	C	T	4	201649912	Polymorphic in Stiff Stalk Material
1196	AGP_SNP3098_S4_202964997	C	G	4	202964997	Grain Moisture
1197	AGP_SNP3099_S4_203233691	G	C	4	203233691	Polymorphic in Stiff Stalk Material
1198	AGP_SNP3100_S4_209449694	A	G	4	209449694	Polymorphic in Stiff Stalk Material
1199	AGP_SNP3101_S4_211134934	C	T	4	211134934	Polymorphic in Stiff Stalk Material
1200	AGP_SNP3104_S4_223755225	C	T	4	223755225	Polymorphic in Stiff Stalk Material
1201	AGP_SNP3105_S4_228315634	C	A	4	228315634	Polymorphic in Stiff Stalk Material
1202	AGP_SNP1639_S4_236015065	C	T	4	236015065	Plant and Ear Height
1203	AGP_SNP3107_S4_237052759	T	G	4	237052759	Polymorphic in Stiff Stalk Material
1204	AGP_SNP2420_S4_238909618	G	A	4	238909618	Grain Moisture, Plant and Ear Height
1205	AGP_SNP1955_S4_239877963	A	G	4	239877963	Plant and Ear Height
1206	AGP_SNP3110_S4_241495466	G	C	4	241495466	Polymorphic in Stiff Stalk Material
1207	AGP_SNP0732_S4_241516810	A	G	4	241516810	Ear, Kernel,or Cob Morphology
1208	AGP_SNP1734_S4_241704963	G	A	4	241704963	Ear, Kernel,or Cob Morphology, Grain Moisture, Plant and Ear Height
1209	AGP_SNP0733_S4_241832875	G	A	4	241832875	Ear, Kernel,or Cob Morphology
1210	AGP_SNP0940_S5_392571	A	C	5	392571	Ear, Kernel,or Cob Morphology
1211	AGP_SNP2438_S5_846139	C	T	5	846139	Flowering Time
1212	AGP_SNP0969_S5_846889	G	A	5	846889	Ear, Kernel,or Cob Morphology
1213	AGP_SNP0979_S5_959677	C	G	5	959677	Tassel Architecture
1214	AGP_SNP0980_S5_960877	C	T	5	960877	Ear, Kernel,or Cob Morphology
1215	AGP_SNP1927_S5_973097	T	C	5	973097	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield

1216	AGP_SNP0799_S5_1064405	C	A	5	1064405	Ear, Kernel,or Cob Morphology
1217	AGP_SNP3135_S5_1121641	A	T	5	1121641	Polymorphic in Stiff Stalk Material
1218	AGP_SNP0802_S5_1223077	G	A	5	1223077	Yield
1219	AGP_SNP0803_S5_1227922	A	G	5	1227922	Tassel Architecture
1220	AGP_SNP3142_S5_1403230	A	G	5	1403230	Polymorphic in Stiff Stalk Material
1221	AGP_SNP0820_S5_1629110	T	C	5	1629110	Yield
1222	AGP_SNP0836_S5_1807100	T	C	5	1807100	Tassel Architecture
1223	AGP_SNP3177_S5_1902106	A	G	5	1902106	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1224	AGP_SNP3198_S5_1986447	C	T	5	1986447	Polymorphic in Stiff Stalk Material
1225	AGP_SNP0863_S5_1986558	C	G	5	1986558	Root Architecture
1226	AGP_SNP2282_S5_1993743	G	A	5	1993743	Ear, Kernel,or Cob Morphology
1227	AGP_SNP0867_S5_2037046	A	G	5	2037046	Ear, Kernel,or Cob Morphology
1228	AGP_SNP0868_S5_2037272	T	C	5	2037272	Ear, Kernel,or Cob Morphology
1229	AGP_SNP0900_S5_2161838	C	T	5	2161838	Ear, Kernel,or Cob Morphology
1230	AGP_SNP0921_S5_2253809	G	C	5	2253809	Ear, Kernel,or Cob Morphology
1231	AGP_SNP3246_S5_2411621	C	T	5	2411621	Polymorphic in Stiff Stalk Material
1232	AGP_SNP1529_S5_2577845	G	A	5	2577845	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1233	AGP_SNP0924_S5_2791798	C	T	5	2791798	Ear, Kernel,or Cob Morphology
1234	AGP_SNP0925_S5_2791837	C	G	5	2791837	Ear, Kernel,or Cob Morphology
1235	AGP_SNP3249_S5_2858836	A	G	5	2858836	Polymorphic in Stiff Stalk Material
1236	AGP_SNP0926_S5_2858950	G	T	5	2858950	Ear, Kernel,or Cob Morphology
1237	AGP_SNP0927_S5_2859808	A	G	5	2859808	Ear, Kernel,or Cob Morphology
1238	AGP_SNP3254_S5_3657340	T	C	5	3657340	Polymorphic in Stiff Stalk Material
1239	AGP_SNP0941_S5_4062418	T	G	5	4062418	Tassel Architecture
1240	AGP_SNP0942_S5_4108173	G	C	5	4108173	Tassel Architecture
1241	AGP_SNP3257_S5_4229956	T	C	5	4229956	Polymorphic in Stiff Stalk Material
1242	AGP_SNP3259_S5_4857380	C	T	5	4857380	Polymorphic in Stiff Stalk Material
1243	AGP_SNP0947_S5_4884511	C	T	5	4884511	Tassel Architecture
1244	AGP_SNP1749_S5_5059451	A	G	5	5059451	Grain Moisture
1245	AGP_SNP3262_S5_5523707	T	C	5	5523707	Grain Moisture
1246	AGP_SNP3264_S5_5557260	A	G	5	5557260	Polymorphic in Stiff Stalk Material
1247	AGP_SNP0948_S5_5598442	G	T	5	5598442	Plant and Ear Height
1248	AGP_SNP0949_S5_5685272	C	A	5	5685272	Ear, Kernel,or Cob Morphology

1249	AGP_SNP1795_S5_5912629	A	C	5	5912629	Grain Moisture
1250	AGP_SNP1604_S5_6368813	T	G	5	6368813	Yield
1251	AGP_SNP0953_S5_6825026	G	A	5	6825026	Ear, Kernel,or Cob Morphology
1252	AGP_SNP3274_S5_7117510	A	G	5	7117510	Polymorphic in Stiff Stalk Material
1253	AGP_SNP0958_S5_7338807	A	C	5	7338807	Flowering Time
1254	AGP_SNP3279_S5_7701005	A	G	5	7701005	Polymorphic in Stiff Stalk Material
1255	AGP_SNP3280_S5_7717382	C	G	5	7717382	Ear, Kernel,or Cob Morphology
1256	AGP_SNP0966_S5_8109491	G	A	5	8109491	Yield
1257	AGP_SNP3283_S5_8249273	T	A	5	8249273	Polymorphic in Stiff Stalk Material
1258	AGP_SNP0972_S5_8790901	T	C	5	8790901	Yield
1259	AGP_SNP3287_S5_8942275	G	T	5	8942275	Polymorphic in Stiff Stalk Material
1260	AGP_SNP0975_S5_8975313	C	G	5	8975313	Ear, Kernel,or Cob Morphology
1261	AGP_SNP3290_S5_9900858	G	T	5	9900858	Polymorphic in Stiff Stalk Material
1262	AGP_SNP0798_S5_10519995	G	C	5	10519995	Yield
1263	AGP_SNP3134_S5_10772137	A	T	5	10772137	Polymorphic in Stiff Stalk Material
1264	AGP_SNP3137_S5_11998173	T	C	5	11998173	Polymorphic in Stiff Stalk Material
1265	AGP_SNP0801_S5_12127492	G	A	5	12127492	Plant and Ear Height
1266	AGP_SNP3138_S5_12815252	G	A	5	12815252	Polymorphic in Stiff Stalk Material
1267	AGP_SNP0804_S5_12971603	T	C	5	12971603	Plant and Ear Height
1268	AGP_SNP3140_S5_13682681	C	A	5	13682681	Polymorphic in Stiff Stalk Material
1269	AGP_SNP0805_S5_13702177	A	G	5	13702177	Plant and Ear Height
1270	AGP_SNP0806_S5_14248069	T	C	5	14248069	Plant and Ear Height
1271	AGP_SNP3145_S5_14562872	C	T	5	14562872	Polymorphic in Stiff Stalk Material
1272	AGP_SNP0815_S5_15433436	C	T	5	15433436	Flowering Time
1273	AGP_SNP0816_S5_15441260	T	G	5	15441260	Flowering Time
1274	AGP_SNP0817_S5_15844564	G	T	5	15844564	Ear, Kernel,or Cob Morphology
1275	AGP_SNP1649_S5_15897858	A	T	5	15897858	Grain Moisture
1276	AGP_SNP3148_S5_15902604	C	A	5	15902604	Polymorphic in Stiff Stalk Material
1277	AGP_SNP0848_S5_19069144	G	C	5	19069144	Plant and Ear Height
1278	AGP_SNP3181_S5_19069731	A	G	5	19069731	Polymorphic in Stiff Stalk Material
1279	AGP_SNP3182_S5_19212307	C	T	5	19212307	Grain Moisture
1280	AGP_SNP1687_S5_19375485	C	G	5	19375485	Grain Moisture
1281	AGP_SNP1911_S5_20386586	A	T	5	20386586	Plant and Ear Height

1282	AGP_SNP3202_S5_20614224	G	C	5	20614224	Polymorphic in Stiff Stalk Material
1283	AGP_SNP0875_S5_20841749	C	T	5	20841749	Ear, Kernel,or Cob Morphology
1284	AGP_SNP0905_S5_21746992	A	C	5	21746992	Ear, Kernel,or Cob Morphology
1285	AGP_SNP2043_S5_21801726	C	T	5	21801726	Grain Moisture
1286	AGP_SNP3244_S5_22426333	A	C	5	22426333	Polymorphic in Stiff Stalk Material
1287	AGP_SNP1894_S5_24821792	A	G	5	24821792	Yield
1288	AGP_SNP3247_S5_24840547	A	G	5	24840547	Polymorphic in Stiff Stalk Material
1289	AGP_SNP3248_S5_25947924	A	G	5	25947924	Polymorphic in Stiff Stalk Material
1290	AGP_SNP0923_S5_27014949	C	G	5	27014949	Ear, Kernel,or Cob Morphology
1291	AGP_SNP1874_S5_28912179	G	A	5	28912179	Grain Moisture
1292	AGP_SNP0928_S5_30442792	G	A	5	30442792	Plant and Ear Height
1293	AGP_SNP3250_S5_32068951	C	T	5	32068951	Polymorphic in Stiff Stalk Material
1294	AGP_SNP0930_S5_32090793	C	T	5	32090793	Yield
1295	AGP_SNP0931_S5_32090944	G	A	5	32090944	Yield
1296	AGP_SNP0932_S5_32349939	G	A	5	32349939	Ear, Kernel,or Cob Morphology
1297	AGP_SNP3251_S5_33073331	A	G	5	33073331	Polymorphic in Stiff Stalk Material
1298	AGP_SNP0933_S5_33775301	G	A	5	33775301	Yield
1299	AGP_SNP3252_S5_33778210	G	A	5	33778210	Polymorphic in Stiff Stalk Material
1300	AGP_SNP0934_S5_33778327	C	A	5	33778327	Ear, Kernel,or Cob Morphology
1301	AGP_SNP0935_S5_33843588	C	A	5	33843588	Ear, Kernel,or Cob Morphology
1302	AGP_SNP0937_S5_34733643	C	T	5	34733643	Yield
1303	AGP_SNP3253_S5_35208258	C	G	5	35208258	Polymorphic in Stiff Stalk Material
1304	AGP_SNP0938_S5_35406000	A	G	5	35406000	Ear, Kernel,or Cob Morphology
1305	AGP_SNP3255_S5_36747199	C	T	5	36747199	Polymorphic in Stiff Stalk Material
1306	AGP_SNP0939_S5_38654197	T	A	5	38654197	Ear, Kernel,or Cob Morphology
1307	AGP_SNP3256_S5_39117682	C	G	5	39117682	Polymorphic in Stiff Stalk Material
1308	AGP_SNP0944_S5_44150436	A	T	5	44150436	Ear, Kernel,or Cob Morphology
1309	AGP_SNP0945_S5_44151397	G	C	5	44151397	Ear, Kernel,or Cob Morphology
1310	AGP_SNP3258_S5_44367258	C	A	5	44367258	Polymorphic in Stiff Stalk Material
1311	AGP_SNP3261_S5_51564787	C	G	5	51564787	Polymorphic in Stiff Stalk Material
1312	AGP_SNP3265_S5_58642117	A	G	5	58642117	Polymorphic in Stiff Stalk Material
1313	AGP_SNP3266_S5_59732882	C	T	5	59732882	Polymorphic in Stiff Stalk Material
1314	AGP_SNP0950_S5_59781924	C	T	5	59781924	Flowering Time

1315	AGP_SNP1827_S5_60413372	G	C	5	60413372	Yield
1316	AGP_SNP3267_S5_61109380	C	T	5	61109380	Polymorphic in Stiff Stalk Material
1317	AGP_SNP0952_S5_62386989	C	T	5	62386989	Ear, Kernel,or Cob Morphology
1318	AGP_SNP3268_S5_62982504	A	C	5	62982504	Polymorphic in Stiff Stalk Material
1319	AGP_SNP3269_S5_64000675	T	C	5	64000675	Polymorphic in Stiff Stalk Material
1320	AGP_SNP3273_S5_68824990	G	A	5	68824990	Polymorphic in Stiff Stalk Material
1321	AGP_SNP0954_S5_69155559	C	T	5	69155559	Ear, Kernel,or Cob Morphology
1322	AGP_SNP0955_S5_69689635	C	A	5	69689635	Ear, Kernel,or Cob Morphology
1323	AGP_SNP0956_S5_70403060	A	G	5	70403060	Ear, Kernel,or Cob Morphology
1324	AGP_SNP0957_S5_70657343	C	T	5	70657343	Ear, Kernel,or Cob Morphology
1325	AGP_SNP3275_S5_71282599	T	A	5	71282599	Polymorphic in Stiff Stalk Material
1326	AGP_SNP3276_S5_72789465	T	G	5	72789465	Polymorphic in Stiff Stalk Material
1327	AGP_SNP1862_S5_75244556	T	C	5	75244556	Ear, Kernel,or Cob Morphology
1328	AGP_SNP3277_S5_76181153	C	G	5	76181153	Polymorphic in Stiff Stalk Material
1329	AGP_SNP3278_S5_76690334	A	C	5	76690334	Polymorphic in Stiff Stalk Material
1330	AGP_SNP0961_S5_76714903	A	T	5	76714903	Tassel Architecture
1331	AGP_SNP0962_S5_76809814	T	C	5	76809814	Tassel Architecture
1332	AGP_SNP0963_S5_76955635	G	C	5	76955635	Tassel Architecture
1333	AGP_SNP0964_S5_76956064	G	A	5	76956064	Tassel Architecture
1334	AGP_SNP3281_S5_78519585	C	T	5	78519585	Polymorphic in Stiff Stalk Material
1335	AGP_SNP0965_S5_78825105	C	T	5	78825105	Ear, Kernel,or Cob Morphology
1336	AGP_SNP3282_S5_80470390	T	C	5	80470390	Polymorphic in Stiff Stalk Material
1337	AGP_SNP0967_S5_83097599	G	A	5	83097599	Tassel Architecture
1338	AGP_SNP3284_S5_83740384	A	G	5	83740384	Polymorphic in Stiff Stalk Material
1339	AGP_SNP0968_S5_83797523	A	G	5	83797523	Ear, Kernel,or Cob Morphology
1340	AGP_SNP3285_S5_86248758	C	T	5	86248758	Polymorphic in Stiff Stalk Material
1341	AGP_SNP0971_S5_86821943	T	C	5	86821943	Plant and Ear Height
1342	AGP_SNP3286_S5_88321071	C	G	5	88321071	Polymorphic in Stiff Stalk Material
1343	AGP_SNP1579_S5_88323212	A	G	5	88323212	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
1344	AGP_SNP0973_S5_88891444	A	G	5	88891444	Grain Moisture
1345	AGP_SNP1850_S5_90103757	G	T	5	90103757	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
1346	AGP_SNP3288_S5_91076876	C	T	5	91076876	Polymorphic in Stiff Stalk Material
1347	AGP_SNP0978_S5_94466678	C	A	5	94466678	Flowering Time

1348	AGP_SNP3289_S5_95340368	G	A	5	95340368	Polymorphic in Stiff Stalk Material
1349	AGP_SNP3136_S5_113637702	A	T	5	113637702	Polymorphic in Stiff Stalk Material
1350	AGP_SNP3139_S5_134357391	A	G	5	134357391	Polymorphic in Stiff Stalk Material
1351	AGP_SNP3141_S5_137215938	T	C	5	137215938	Polymorphic in Stiff Stalk Material
1352	AGP_SNP2427_S5_137216759	A	G	5	137216759	Plant and Ear Height, Yield
1353	AGP_SNP3143_S5_141835704	C	T	5	141835704	Polymorphic in Stiff Stalk Material
1354	AGP_SNP0807_S5_142853398	T	C	5	142853398	Flowering Time
1355	AGP_SNP3144_S5_145203522	T	C	5	145203522	Polymorphic in Stiff Stalk Material
1356	AGP_SNP0809_S5_146713841	A	T	5	146713841	Grain Moisture
1357	AGP_SNP0810_S5_146715057	G	A	5	146715057	Grain Moisture
1358	AGP_SNP3146_S5_147071985	C	A	5	147071985	Polymorphic in Stiff Stalk Material
1359	AGP_SNP0811_S5_147473771	C	T	5	147473771	Ear, Kernel,or Cob Morphology
1360	AGP_SNP0812_S5_147887551	C	T	5	147887551	Plant and Ear Height
1361	AGP_SNP0813_S5_153353332	T	G	5	153353332	Flowering Time
1362	AGP_SNP0814_S5_153353657	T	C	5	153353657	Flowering Time
1363	AGP_SNP3147_S5_154883835	T	G	5	154883835	Polymorphic in Stiff Stalk Material
1364	AGP_SNP2160_S5_158274525	C	G	5	158274525	Grain Moisture
1365	AGP_SNP0818_S5_159067474	C	T	5	159067474	Plant and Ear Height
1366	AGP_SNP0819_S5_160754197	A	G	5	160754197	Flowering Time
1367	AGP_SNP3149_S5_160755567	C	T	5	160755567	Flowering Time
1368	AGP_SNP3151_S5_162295166	A	G	5	162295166	Polymorphic in Stiff Stalk Material
1369	AGP_SNP2224_S5_162523269	G	C	5	162523269	Grain Moisture
1370	AGP_SNP2225_S5_162523281	G	C	5	162523281	Grain Moisture
1371	AGP_SNP2191_S5_162736777	C	T	5	162736777	Plant and Ear Height
1372	AGP_SNP3152_S5_163648244	G	A	5	163648244	Flowering Time
1373	AGP_SNP3153_S5_163943266	C	T	5	163943266	Polymorphic in Stiff Stalk Material
1374	AGP_SNP0821_S5_166675806	C	A	5	166675806	Grain Moisture
1375	AGP_SNP0822_S5_167631942	A	G	5	167631942	Flowering Time
1376	AGP_SNP3155_S5_167774618	T	A	5	167774618	Polymorphic in Stiff Stalk Material
1377	AGP_SNP0823_S5_167948506	A	G	5	167948506	Yield
1378	AGP_SNP0824_S5_169309847	T	C	5	169309847	Flowering Time
1379	AGP_SNP0825_S5_171099522	G	A	5	171099522	Ear, Kernel,or Cob Morphology
1380	AGP_SNP0826_S5_171099708	G	T	5	171099708	Flowering Time

1381	AGP_SNP3156_S5_171558014	C	A	5	171558014	Polymorphic in Stiff Stalk Material
1382	AGP_SNP0827_S5_174583061	G	A	5	174583061	Flowering Time
1383	AGP_SNP0828_S5_174744000	T	C	5	174744000	Yield
1384	AGP_SNP3158_S5_174873345	C	A	5	174873345	Polymorphic in Stiff Stalk Material
1385	AGP_SNP0829_S5_176345215	C	A	5	176345215	Ear, Kernel,or Cob Morphology
1386	AGP_SNP0830_S5_176356092	C	G	5	176356092	Flowering Time
1387	AGP_SNP3160_S5_176844776	G	A	5	176844776	Polymorphic in Stiff Stalk Material
1388	AGP_SNP3161_S5_177183610	T	C	5	177183610	Polymorphic in Stiff Stalk Material
1389	AGP_SNP3162_S5_177768562	A	T	5	177768562	Polymorphic in Stiff Stalk Material
1390	AGP_SNP3163_S5_177935888	A	G	5	177935888	Flowering Time
1391	AGP_SNP1518_S5_178745983	A	G	5	178745983	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1392	AGP_SNP3165_S5_178912346	T	C	5	178912346	Polymorphic in Stiff Stalk Material
1393	AGP_SNP0832_S5_179642041	T	C	5	179642041	Yield
1394	AGP_SNP0833_S5_179660715	C	A	5	179660715	Yield
1395	AGP_SNP0834_S5_179922594	T	G	5	179922594	Yield
1396	AGP_SNP1870_S5_179923101	A	G	5	179923101	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1397	AGP_SNP3166_S5_180189155	C	A	5	180189155	Polymorphic in Stiff Stalk Material
1398	AGP_SNP0835_S5_180302078	G	C	5	180302078	Plant and Ear Height
1399	AGP_SNP3167_S5_181964400	A	G	5	181964400	Polymorphic in Stiff Stalk Material
1400	AGP_SNP0837_S5_184371294	G	A	5	184371294	Plant and Ear Height
1401	AGP_SNP0838_S5_185612028	G	A	5	185612028	Plant and Ear Height
1402	AGP_SNP3169_S5_185659742	G	A	5	185659742	Polymorphic in Stiff Stalk Material
1403	AGP_SNP3170_S5_186306420	G	A	5	186306420	Polymorphic in Stiff Stalk Material
1404	AGP_SNP3171_S5_187130528	T	C	5	187130528	Polymorphic in Stiff Stalk Material
1405	AGP_SNP0839_S5_187182089	C	G	5	187182089	Ear, Kernel,or Cob Morphology
1406	AGP_SNP0840_S5_187238296	T	C	5	187238296	Flowering Time
1407	AGP_SNP0841_S5_187240493	A	G	5	187240493	Grain Moisture
1408	AGP_SNP0842_S5_187698419	G	C	5	187698419	Tassel Architecture
1409	AGP_SNP2367_S5_187875195	A	G	5	187875195	Flowering Time
1410	AGP_SNP0843_S5_188157823	C	T	5	188157823	Plant and Ear Height
1411	AGP_SNP3175_S5_188213251	G	A	5	188213251	Polymorphic in Stiff Stalk Material
1412	AGP_SNP0844_S5_189353511	C	A	5	189353511	Plant and Ear Height
1413	AGP_SNP0845_S5_189363603	G	A	5	189363603	Plant and Ear Height

1414	AGP_SNP0846_S5_189840116	A	G	5	189840116	Plant and Ear Height
1415	AGP_SNP0847_S5_190041360	T	A	5	190041360	Plant and Ear Height
1416	AGP_SNP0849_S5_192686533	C	A	5	192686533	Ear, Kernel,or Cob Morphology
1417	AGP_SNP1799_S5_192792986	T	C	5	192792986	Ear, Kernel,or Cob Morphology, Grain Moisture, Plant and Ear Height
1418	AGP_SNP0850_S5_193315723	C	G	5	193315723	Grain Moisture
1419	AGP_SNP3184_S5_194079700	C	T	5	194079700	Polymorphic in Stiff Stalk Material
1420	AGP_SNP1570_S5_194827709	A	G	5	194827709	Plant and Ear Height
1421	AGP_SNP0852_S5_195066772	A	G	5	195066772	Plant and Ear Height
1422	AGP_SNP1571_S5_195079729	A	G	5	195079729	Grain Moisture
1423	AGP_SNP3185_S5_195080529	T	C	5	195080529	Polymorphic in Stiff Stalk Material
1424	AGP_SNP0853_S5_195296424	C	A	5	195296424	Plant and Ear Height
1425	AGP_SNP3186_S5_195819004	G	A	5	195819004	Polymorphic in Stiff Stalk Material
1426	AGP_SNP0854_S5_196493942	T	G	5	196493942	Plant and Ear Height
1427	AGP_SNP0855_S5_196495308	T	G	5	196495308	Plant and Ear Height
1428	AGP_SNP3187_S5_196686417	A	G	5	196686417	Polymorphic in Stiff Stalk Material
1429	AGP_SNP0856_S5_196688275	G	C	5	196688275	Grain Moisture
1430	AGP_SNP0857_S5_196688753	C	T	5	196688753	Tassel Architecture
1431	AGP_SNP3188_S5_197833779	C	T	5	197833779	Polymorphic in Stiff Stalk Material
1432	AGP_SNP0858_S5_198023231	A	G	5	198023231	Grain Moisture
1433	AGP_SNP3189_S5_198353824	G	A	5	198353824	Ear, Kernel/Cob Morphology, Flowering Time, Grain Moisture, Plant & Ear Height
1434	AGP_SNP0860_S5_198357291	C	T	5	198357291	Plant and Ear Height
1435	AGP_SNP0861_S5_198497394	C	A	5	198497394	Disease Resistance
1436	AGP_SNP0862_S5_198576650	A	C	5	198576650	Flowering Time
1437	AGP_SNP0865_S5_199103162	G	T	5	199103162	Grain Moisture
1438	AGP_SNP2112_S5_199120264	C	A	5	199120264	Ear, Kernel,or Cob Morphology
1439	AGP_SNP3199_S5_203416587	C	T	5	203416587	Polymorphic in Stiff Stalk Material
1440	AGP_SNP0866_S5_203425942	T	C	5	203425942	Plant and Ear Height
1441	AGP_SNP0870_S5_204040867	A	G	5	204040867	Plant and Ear Height
1442	AGP_SNP2095_S5_204040909	T	C	5	204040909	Ear, Kernel,or Cob Morphology, Grain Moisture, Plant and Ear Height, Yield
1443	AGP_SNP2404_S5_204409553	G	A	5	204409553	Flowering Time, Plant and Ear Height, Yield
1444	AGP_SNP0871_S5_204693690	G	A	5	204693690	Plant and Ear Height
1445	AGP_SNP1631_S5_205869673	A	T	5	205869673	Plant and Ear Height
1446	AGP_SNP3201_S5_205950398	G	A	5	205950398	Polymorphic in Stiff Stalk Material

1447	AGP_SNP0872_S5_206240787	A	C	5	206240787	Plant and Ear Height
1448	AGP_SNP2298_S5_206652970	G	T	5	206652970	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
1449	AGP_SNP2304_S5_206654542	T	C	5	206654542	Plant and Ear Height, Yield
1450	AGP_SNP0873_S5_207186816	T	A	5	207186816	Yield
1451	AGP_SNP3203_S5_207333354	G	A	5	207333354	Polymorphic in Stiff Stalk Material
1452	AGP_SNP3204_S5_208492316	A	C	5	208492316	Polymorphic in Stiff Stalk Material
1453	AGP_SNP3205_S5_209484843	A	G	5	209484843	Polymorphic in Stiff Stalk Material
1454	AGP_SNP0876_S5_209506777	C	A	5	209506777	Disease Resistance
1455	AGP_SNP0877_S5_209558738	G	A	5	209558738	Disease Resistance
1456	AGP_SNP0878_S5_209573401	A	G	5	209573401	Ear, Kernel,or Cob Morphology
1457	AGP_SNP1669_S5_209751223	C	A	5	209751223	Grain Moisture, Yield
1458	AGP_SNP0879_S5_210099034	T	G	5	210099034	Ear, Kernel,or Cob Morphology
1459	AGP_SNP3206_S5_210261934	G	A	5	210261934	Polymorphic in Stiff Stalk Material
1460	AGP_SNP0880_S5_210871718	A	G	5	210871718	Ear, Kernel,or Cob Morphology
1461	AGP_SNP0881_S5_211204931	T	C	5	211204931	Ear, Kernel,or Cob Morphology
1462	AGP_SNP3207_S5_211205797	G	T	5	211205797	Polymorphic in Stiff Stalk Material
1463	AGP_SNP0882_S5_211242216	G	C	5	211242216	Ear, Kernel,or Cob Morphology
1464	AGP_SNP0883_S5_211285153	C	A	5	211285153	Plant and Ear Height
1465	AGP_SNP0884_S5_211334892	C	T	5	211334892	Plant and Ear Height
1466	AGP_SNP0885_S5_211692214	A	G	5	211692214	Disease Resistance
1467	AGP_SNP0886_S5_211698429	C	T	5	211698429	Yield
1468	AGP_SNP0887_S5_211843513	C	G	5	211843513	Plant and Ear Height
1469	AGP_SNP3208_S5_211962336	T	G	5	211962336	Polymorphic in Stiff Stalk Material
1470	AGP_SNP0888_S5_212055655	G	A	5	212055655	Disease Resistance
1471	AGP_SNP0889_S5_212070678	T	G	5	212070678	Disease Resistance
1472	AGP_SNP0890_S5_212136026	A	G	5	212136026	Ear, Kernel,or Cob Morphology
1473	AGP_SNP3209_S5_212255952	C	G	5	212255952	Polymorphic in Stiff Stalk Material
1474	AGP_SNP0891_S5_212478679	C	G	5	212478679	Disease Resistance
1475	AGP_SNP3210_S5_213003414	G	A	5	213003414	Plant and Ear Height, Yield
1476	AGP_SNP1823_S5_213100773	G	T	5	213100773	Yield
1477	AGP_SNP1679_S5_213137320	C	G	5	213137320	Yield
1478	AGP_SNP3212_S5_213160675	G	A	5	213160675	Polymorphic in Stiff Stalk Material
1479	AGP_SNP0892_S5_213166480	C	G	5	213166480	Disease Resistance

1480	AGP_SNP1487_S5_213380060	C	G	5	213380060	Yield
1481	AGP_SNP3213_S5_213565655	T	C	5	213565655	Polymorphic in Stiff Stalk Material
1482	AGP_SNP0893_S5_213571586	T	G	5	213571586	Grain Moisture
1483	AGP_SNP0894_S5_213596888	G	T	5	213596888	Yield
1484	AGP_SNP0895_S5_213601432	C	A	5	213601432	Yield
1485	AGP_SNP0897_S5_214150762	G	A	5	214150762	Plant and Ear Height
1486	AGP_SNP3214_S5_214254801	G	C	5	214254801	Polymorphic in Stiff Stalk Material
1487	AGP_SNP2128_S5_214295509	A	G	5	214295509	Plant and Ear Height, Yield
1488	AGP_SNP3215_S5_215073009	G	C	5	215073009	Polymorphic in Stiff Stalk Material
1489	AGP_SNP0899_S5_215367055	C	T	5	215367055	Yield
1490	AGP_SNP1666_S5_215367218	C	T	5	215367218	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1491	AGP_SNP3216_S5_216252803	C	T	5	216252803	Polymorphic in Stiff Stalk Material
1492	AGP_SNP0901_S5_216397829	C	G	5	216397829	Yield
1493	AGP_SNP0902_S5_216639488	C	T	5	216639488	Flowering Time
1494	AGP_SNP0903_S5_216679342	G	A	5	216679342	Flowering Time
1495	AGP_SNP3217_S5_216685919	C	G	5	216685919	Polymorphic in Stiff Stalk Material
1496	AGP_SNP0904_S5_216902344	A	G	5	216902344	Flowering Time
1497	AGP_SNP3218_S5_217277409	T	C	5	217277409	Polymorphic in Stiff Stalk Material
1498	AGP_SNP3219_S5_218069890	G	A	5	218069890	Polymorphic in Stiff Stalk Material
1499	AGP_SNP1812_S5_218071486	C	G	5	218071486	Plant and Ear Height
1500	AGP_SNP3220_S5_218467166	T	G	5	218467166	Polymorphic in Stiff Stalk Material
1501	AGP_SNP3221_S5_219302032	C	T	5	219302032	Polymorphic in Stiff Stalk Material
1502	AGP_SNP2312_S5_219699961	T	G	5	219699961	Ear, Kernel,or Cob Morphology
1503	AGP_SNP3222_S5_220362315	T	G	5	220362315	Polymorphic in Stiff Stalk Material
1504	AGP_SNP0906_S5_220616742	C	T	5	220616742	Flowering Time
1505	AGP_SNP2256_S5_220625279	G	A	5	220625279	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height, Yield
1506	AGP_SNP0907_S5_220826505	C	A	5	220826505	Ear, Kernel,or Cob Morphology
1507	AGP_SNP3223_S5_220992100	G	T	5	220992100	Plant and Ear Height
1508	AGP_SNP3225_S5_221194880	G	C	5	221194880	Plant and Ear Height
1509	AGP_SNP3228_S5_221195438	C	G	5	221195438	Plant and Ear Height
1510	AGP_SNP2359_S5_221195461	C	T	5	221195461	Grain Moisture
1511	AGP_SNP0908_S5_221698085	T	C	5	221698085	Ear, Kernel,or Cob Morphology
1512	AGP_SNP3236_S5_221957658	G	C	5	221957658	Polymorphic in Stiff Stalk Material

1513	AGP_SNP0909_S5_222467069	T	C	5	222467069	Plant and Ear Height
1514	AGP_SNP0910_S5_222581144	C	G	5	222581144	Yield
1515	AGP_SNP3237_S5_222820716	A	G	5	222820716	Polymorphic in Stiff Stalk Material
1516	AGP_SNP0911_S5_223260186	T	A	5	223260186	Plant and Ear Height
1517	AGP_SNP3239_S5_223260805	T	C	5	223260805	Polymorphic in Stiff Stalk Material
1518	AGP_SNP0912_S5_223366133	A	G	5	223366133	Yield
1519	AGP_SNP0913_S5_223426991	C	G	5	223426991	Ear, Kernel,or Cob Morphology
1520	AGP_SNP0914_S5_223430784	A	G	5	223430784	Tassel Architecture
1521	AGP_SNP0915_S5_223430984	C	A	5	223430984	Ear, Kernel,or Cob Morphology
1522	AGP_SNP3240_S5_223436095	C	G	5	223436095	Ear, Kernel,or Cob Morphology
1523	AGP_SNP0916_S5_223645549	T	G	5	223645549	Ear, Kernel,or Cob Morphology
1524	AGP_SNP3241_S5_223756239	T	C	5	223756239	Polymorphic in Stiff Stalk Material
1525	AGP_SNP0917_S5_223875842	T	C	5	223875842	Flowering Time
1526	AGP_SNP3242_S5_223901174	A	C	5	223901174	Polymorphic in Stiff Stalk Material
1527	AGP_SNP0918_S5_223904377	T	C	5	223904377	Yield
1528	AGP_SNP1549_S5_223909423	C	A	5	223909423	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1529	AGP_SNP0919_S5_224226095	A	G	5	224226095	Yield
1530	AGP_SNP3243_S5_224229262	A	G	5	224229262	Polymorphic in Stiff Stalk Material
1531	AGP_SNP3245_S5_224633761	T	C	5	224633761	Polymorphic in Stiff Stalk Material
1532	AGP_SNP0920_S5_225053113	T	C	5	225053113	Plant and Ear Height
1533	AGP_SNP1809_S5_226029760	G	T	5	226029760	Grain Moisture, Yield
1534	AGP_SNP3372_S6_7500192	G	A	6	7500192	Polymorphic in Stiff Stalk Material
1535	AGP_SNP3375_S6_9172373	A	C	6	9172373	Polymorphic in Stiff Stalk Material
1536	AGP_SNP0982_S6_10091180	A	G	6	10091180	Flowering Time
1537	AGP_SNP0983_S6_10091291	C	A	6	10091291	Flowering Time
1538	AGP_SNP0984_S6_10170336	A	G	6	10170336	Flowering Time
1539	AGP_SNP0985_S6_10178401	G	A	6	10178401	Flowering Time
1540	AGP_SNP0989_S6_10427934	G	C	6	10427934	Flowering Time
1541	AGP_SNP0992_S6_11570230	T	C	6	11570230	Flowering Time
1542	AGP_SNP0993_S6_12017089	A	T	6	12017089	Flowering Time
1543	AGP_SNP2020_S6_14800910	G	A	6	14800910	Ear, Kernel,or Cob Morphology
1544	AGP_SNP3364_S6_25976852	G	T	6	25976852	Polymorphic in Stiff Stalk Material
1545	AGP_SNP3365_S6_30546465	G	T	6	30546465	Polymorphic in Stiff Stalk Material

1546	AGP_SNP3366_S6_37966438	C	T	6	37966438	Polymorphic in Stiff Stalk Material
1547	AGP_SNP3367_S6_44127384	T	C	6	44127384	Polymorphic in Stiff Stalk Material
1548	AGP_SNP3368_S6_51081241	A	T	6	51081241	Polymorphic in Stiff Stalk Material
1549	AGP_SNP3369_S6_53667694	C	T	6	53667694	Polymorphic in Stiff Stalk Material
1550	AGP_SNP1053_S6_64419294	T	G	6	64419294	Yield
1551	AGP_SNP3370_S6_67037943	C	A	6	67037943	Polymorphic in Stiff Stalk Material
1552	AGP_SNP1054_S6_67043112	C	T	6	67043112	Yield
1553	AGP_SNP1055_S6_67579266	C	T	6	67579266	Yield
1554	AGP_SNP1056_S6_68175871	A	T	6	68175871	Yield
1555	AGP_SNP1057_S6_71847299	T	C	6	71847299	Yield
1556	AGP_SNP1058_S6_78216005	T	C	6	78216005	Yield
1557	AGP_SNP3373_S6_80620806	G	A	6	80620806	Polymorphic in Stiff Stalk Material
1558	AGP_SNP1059_S6_82541405	A	G	6	82541405	Yield
1559	AGP_SNP1060_S6_84930110	T	C	6	84930110	Yield
1560	AGP_SNP3374_S6_89618926	G	T	6	89618926	Polymorphic in Stiff Stalk Material
1561	AGP_SNP3376_S6_92919825	G	C	6	92919825	Polymorphic in Stiff Stalk Material
1562	AGP_SNP1063_S6_94929182	A	C	6	94929182	Yield
1563	AGP_SNP3377_S6_95582532	T	A	6	95582532	Polymorphic in Stiff Stalk Material
1564	AGP_SNP1064_S6_96074538	A	G	6	96074538	Yield
1565	AGP_SNP1065_S6_96424390	T	G	6	96424390	Yield
1566	AGP_SNP3378_S6_96712764	C	T	6	96712764	Polymorphic in Stiff Stalk Material
1567	AGP_SNP1066_S6_98298987	C	T	6	98298987	Yield
1568	AGP_SNP1067_S6_98395946	A	T	6	98395946	Yield
1569	AGP_SNP1068_S6_98408157	C	T	6	98408157	Grain Moisture
1570	AGP_SNP1069_S6_98417550	A	G	6	98417550	Ear, Kernel,or Cob Morphology
1571	AGP_SNP3291_S6_100808400	A	G	6	100808400	Polymorphic in Stiff Stalk Material
1572	AGP_SNP0986_S6_102701095	A	G	6	102701095	Ear, Kernel,or Cob Morphology
1573	AGP_SNP0987_S6_102701334	G	A	6	102701334	Plant and Ear Height
1574	AGP_SNP0988_S6_102804778	T	C	6	102804778	Plant and Ear Height
1575	AGP_SNP2214_S6_104866390	A	C	6	104866390	Plant and Ear Height
1576	AGP_SNP3294_S6_104866578	A	G	6	104866578	Polymorphic in Stiff Stalk Material
1577	AGP_SNP0990_S6_105780483	C	A	6	105780483	Grain Moisture
1578	AGP_SNP0991_S6_105829977	A	T	6	105829977	Grain Moisture

1579	AGP_SNP0994_S6_123007536	C	G	6	123007536	Ear, Kernel,or Cob Morphology
1580	AGP_SNP0995_S6_123298007	G	A	6	123298007	Ear, Kernel,or Cob Morphology
1581	AGP_SNP0996_S6_123492422	A	G	6	123492422	Ear, Kernel,or Cob Morphology
1582	AGP_SNP0997_S6_124083395	A	G	6	124083395	Ear, Kernel,or Cob Morphology
1583	AGP_SNP0998_S6_124872356	C	G	6	124872356	Ear, Kernel,or Cob Morphology
1584	AGP_SNP0999_S6_127695370	G	A	6	127695370	Ear, Kernel,or Cob Morphology
1585	AGP_SNP1000_S6_127932602	C	T	6	127932602	Ear, Kernel,or Cob Morphology
1586	AGP_SNP1001_S6_128029740	T	C	6	128029740	Grain Moisture
1587	AGP_SNP1002_S6_128681003	T	C	6	128681003	Plant and Ear Height
1588	AGP_SNP3297_S6_129038174	G	A	6	129038174	Polymorphic in Stiff Stalk Material
1589	AGP_SNP3298_S6_129595629	G	A	6	129595629	Grain Moisture
1590	AGP_SNP3300_S6_131992891	C	G	6	131992891	Polymorphic in Stiff Stalk Material
1591	AGP_SNP1003_S6_132737943	G	A	6	132737943	Yield
1592	AGP_SNP3301_S6_133175017	C	T	6	133175017	Polymorphic in Stiff Stalk Material
1593	AGP_SNP1004_S6_133659609	G	A	6	133659609	Yield
1594	AGP_SNP3302_S6_134125062	C	T	6	134125062	Polymorphic in Stiff Stalk Material
1595	AGP_SNP3303_S6_135417855	T	C	6	135417855	Polymorphic in Stiff Stalk Material
1596	AGP_SNP3304_S6_138176820	T	C	6	138176820	Polymorphic in Stiff Stalk Material
1597	AGP_SNP3305_S6_140908265	C	T	6	140908265	Polymorphic in Stiff Stalk Material
1598	AGP_SNP1005_S6_144100101	T	C	6	144100101	Ear, Kernel,or Cob Morphology
1599	AGP_SNP1006_S6_144106181	G	A	6	144106181	Ear, Kernel,or Cob Morphology
1600	AGP_SNP3309_S6_144217241	A	T	6	144217241	Polymorphic in Stiff Stalk Material
1601	AGP_SNP1768_S6_144407840	C	A	6	144407840	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
1602	AGP_SNP1007_S6_144408668	G	A	6	144408668	Ear, Kernel,or Cob Morphology
1603	AGP_SNP1008_S6_146437625	G	T	6	146437625	Ear, Kernel,or Cob Morphology
1604	AGP_SNP3310_S6_146489271	G	T	6	146489271	Polymorphic in Stiff Stalk Material
1605	AGP_SNP3311_S6_148015145	C	A	6	148015145	Polymorphic in Stiff Stalk Material
1606	AGP_SNP1009_S6_149306116	A	G	6	149306116	Tassel Architecture
1607	AGP_SNP3312_S6_149716126	A	G	6	149716126	Polymorphic in Stiff Stalk Material
1608	AGP_SNP1010_S6_152466118	A	G	6	152466118	Tassel Architecture
1609	AGP_SNP1011_S6_152993174	G	T	6	152993174	Tassel Architecture
1610	AGP_SNP3314_S6_153077139	C	T	6	153077139	Polymorphic in Stiff Stalk Material
1611	AGP_SNP3315_S6_154271835	C	G	6	154271835	Polymorphic in Stiff Stalk Material

1612	AGP_SNP3316_S6_155722319	A	T	6	155722319	Polymorphic in Stiff Stalk Material
1613	AGP_SNP1012_S6_156209684	G	C	6	156209684	Ear, Kernel,or Cob Morphology
1614	AGP_SNP1013_S6_156449605	C	A	6	156449605	Ear, Kernel,or Cob Morphology
1615	AGP_SNP1014_S6_157086241	G	A	6	157086241	Plant and Ear Height
1616	AGP_SNP1015_S6_157086536	C	G	6	157086536	Yield
1617	AGP_SNP2430_S6_157897148	G	C	6	157897148	Ear, Kernel,or Cob Morphology
1618	AGP_SNP1016_S6_157903398	G	C	6	157903398	Yield
1619	AGP_SNP1018_S6_159085805	G	A	6	159085805	Flowering Time
1620	AGP_SNP1019_S6_159685403	A	G	6	159685403	Yield
1621	AGP_SNP1020_S6_159803498	C	A	6	159803498	Yield
1622	AGP_SNP3319_S6_159819701	T	C	6	159819701	Polymorphic in Stiff Stalk Material
1623	AGP_SNP1021_S6_159909388	T	G	6	159909388	Flowering Time
1624	AGP_SNP1022_S6_160208349	T	C	6	160208349	Yield
1625	AGP_SNP1024_S6_160798296	T	C	6	160798296	Flowering Time
1626	AGP_SNP1025_S6_160972138	A	G	6	160972138	Flowering Time
1627	AGP_SNP1026_S6_161843360	A	T	6	161843360	Yield
1628	AGP_SNP1027_S6_161844021	A	G	6	161844021	Yield
1629	AGP_SNP1028_S6_161930736	C	T	6	161930736	Yield
1630	AGP_SNP3321_S6_162413998	A	G	6	162413998	Polymorphic in Stiff Stalk Material
1631	AGP_SNP1802_S6_163479000	T	C	6	163479000	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
1632	AGP_SNP1030_S6_163479145	C	A	6	163479145	Tassel Architecture
1633	AGP_SNP1031_S6_165082843	G	C	6	165082843	Yield
1634	AGP_SNP3323_S6_165516068	G	T	6	165516068	Ear, Kernel,or Cob Morphology, Flowering Time, Yield
1635	AGP_SNP1691_S6_166226097	A	G	6	166226097	Grain Moisture
1636	AGP_SNP3327_S6_166231942	A	G	6	166231942	Polymorphic in Stiff Stalk Material
1637	AGP_SNP1032_S6_166923929	C	A	6	166923929	Ear, Kernel,or Cob Morphology
1638	AGP_SNP3328_S6_167093376	T	C	6	167093376	Polymorphic in Stiff Stalk Material
1639	AGP_SNP3329_S6_167488744	G	A	6	167488744	Yield
1640	AGP_SNP3331_S6_167992991	G	T	6	167992991	Polymorphic in Stiff Stalk Material
1641	AGP_SNP2182_S6_169940741	C	T	6	169940741	Yield
1642	AGP_SNP3334_S6_170389932	G	A	6	170389932	Flowering Time
1643	AGP_SNP2199_S6_170593838	G	T	6	170593838	Grain Moisture, Yield
1644	AGP_SNP1034_S6_170637539	A	G	6	170637539	Flowering Time

1645	AGP_SNP1829_S6_171072688	T	G	6	171072688	Grain Moisture
1646	AGP_SNP1036_S6_171076874	T	A	6	171076874	Flowering Time
1647	AGP_SNP3336_S6_171107203	C	T	6	171107203	Grain Moisture, Plant and Ear Height
1648	AGP_SNP2343_S6_171107240	T	A	6	171107240	Grain Moisture, Plant and Ear Height
1649	AGP_SNP1037_S6_171170326	A	C	6	171170326	Flowering Time
1650	AGP_SNP1038_S6_171210584	G	A	6	171210584	Tassel Architecture
1651	AGP_SNP3338_S6_171246978	T	G	6	171246978	Polymorphic in Stiff Stalk Material
1652	AGP_SNP3339_S6_171331272	A	G	6	171331272	Grain Moisture
1653	AGP_SNP3340_S6_171494788	C	G	6	171494788	Grain Moisture
1654	AGP_SNP2403_S6_171701195	G	C	6	171701195	Flowering Time
1655	AGP_SNP1039_S6_171825055	A	G	6	171825055	Yield
1656	AGP_SNP1040_S6_171825719	A	G	6	171825719	Yield
1657	AGP_SNP3341_S6_172111295	C	T	6	172111295	Polymorphic in Stiff Stalk Material
1658	AGP_SNP2313_S6_172528568	G	T	6	172528568	Yield
1659	AGP_SNP2089_S6_172699949	G	C	6	172699949	Yield
1660	AGP_SNP1041_S6_173144508	A	G	6	173144508	Plant and Ear Height
1661	AGP_SNP3342_S6_173220894	A	G	6	173220894	Polymorphic in Stiff Stalk Material
1662	AGP_SNP1042_S6_173395982	C	T	6	173395982	Ear, Kernel,or Cob Morphology
1663	AGP_SNP1043_S6_173844654	A	G	6	173844654	Plant and Ear Height
1664	AGP_SNP3343_S6_173850038	C	A	6	173850038	Polymorphic in Stiff Stalk Material
1665	AGP_SNP1044_S6_174063060	G	C	6	174063060	Plant and Ear Height
1666	AGP_SNP2121_S6_174251053	G	C	6	174251053	Plant and Ear Height, Yield
1667	AGP_SNP1045_S6_174425232	G	T	6	174425232	Plant and Ear Height
1668	AGP_SNP1046_S6_174460388	A	C	6	174460388	Plant and Ear Height
1669	AGP_SNP1047_S6_174463143	T	C	6	174463143	Plant and Ear Height
1670	AGP_SNP3345_S6_174474123	C	A	6	174474123	Polymorphic in Stiff Stalk Material
1671	AGP_SNP1988_S6_174546993	C	T	6	174546993	Plant and Ear Height
1672	AGP_SNP1048_S6_174553511	G	T	6	174553511	Plant and Ear Height
1673	AGP_SNP1675_S6_174554225	C	A	6	174554225	Yield
1674	AGP_SNP1049_S6_174948850	C	T	6	174948850	Flowering Time
1675	AGP_SNP1050_S6_175017858	T	C	6	175017858	Flowering Time
1676	AGP_SNP1051_S6_175155013	C	A	6	175155013	Flowering Time
1677	AGP_SNP2073_S6_175614573	C	G	6	175614573	Ear, Kernel,or Cob Morphology

1678	AGP_SNP3350_S6_176650245	C	A	6	176650245	Yield
1679	AGP_SNP1710_S6_177006450	T	C	6	177006450	Flowering Time, Plant and Ear Height, Polymorphic in Stiff Stalk Material
1680	AGP_SNP1712_S6_177006463	A	G	6	177006463	Flowering Time, Plant and Ear Height
1681	AGP_SNP2471_S6_177104175	C	G	6	177104175	Flowering Time
1682	AGP_SNP1773_S6_177341394	G	A	6	177341394	Grain Moisture
1683	AGP_SNP1618_S6_177342751	G	C	6	177342751	Grain Moisture
1684	AGP_SNP3353_S6_177541212	T	C	6	177541212	Polymorphic in Stiff Stalk Material
1685	AGP_SNP3354_S6_178280629	C	T	6	178280629	Flowering Time
1686	AGP_SNP1714_S6_178280648	C	T	6	178280648	Yield
1687	AGP_SNP2439_S6_178417443	C	T	6	178417443	Flowering Time, Grain Moisture
1688	AGP_SNP3355_S6_178499689	A	G	6	178499689	Polymorphic in Stiff Stalk Material
1689	AGP_SNP3356_S6_179563522	T	C	6	179563522	Polymorphic in Stiff Stalk Material
1690	AGP_SNP2150_S6_179646907	T	C	6	179646907	Flowering Time, Plant and Ear Height
1691	AGP_SNP1502_S6_179653649	T	C	6	179653649	Grain Moisture
1692	AGP_SNP3357_S6_179990687	C	A	6	179990687	Flowering Time, Plant and Ear Height
1693	AGP_SNP3360_S6_179997361	G	T	6	179997361	Flowering Time, Plant and Ear Height
1694	AGP_SNP2002_S6_180646401	C	G	6	180646401	Flowering Time, Grain Moisture, Plant and Ear Height
1695	AGP_SNP2245_S7_844671	G	T	7	844671	Ear, Kernel,or Cob Morphology
1696	AGP_SNP3381_S7_1056516	T	G	7	1056516	Polymorphic in Stiff Stalk Material
1697	AGP_SNP3393_S7_1226511	T	C	7	1226511	Flowering Time, Yield
1698	AGP_SNP1511_S7_1399948	G	A	7	1399948	Plant and Ear Height
1699	AGP_SNP1118_S7_1623486	G	A	7	1623486	Ear, Kernel,or Cob Morphology
1700	AGP_SNP1157_S7_1882039	G	A	7	1882039	Ear, Kernel,or Cob Morphology
1701	AGP_SNP3459_S7_2222059	G	T	7	2222059	Grain Moisture, Plant and Ear Height, Yield
1702	AGP_SNP1159_S7_2710475	A	G	7	2710475	Ear, Kernel,or Cob Morphology
1703	AGP_SNP1161_S7_3606609	G	A	7	3606609	Tassel Architecture
1704	AGP_SNP1162_S7_3781862	G	A	7	3781862	Flowering Time
1705	AGP_SNP3472_S7_4034878	G	C	7	4034878	Ear, Kernel,or Cob Morphology, Grain Moisture, Plant and Ear Height
1706	AGP_SNP2337_S7_4034926	G	C	7	4034926	Yield
1707	AGP_SNP1163_S7_4131827	C	G	7	4131827	Ear, Kernel,or Cob Morphology
1708	AGP_SNP1164_S7_4132053	C	G	7	4132053	Plant and Ear Height
1709	AGP_SNP1980_S7_4185867	A	G	7	4185867	Flowering Time, Yield
1710	AGP_SNP1672_S7_4185885	C	G	7	4185885	Flowering Time, Yield

1711	AGP_SNP1912_S7_4185900	T	A	7	4185900	Yield
1712	AGP_SNP1167_S7_4224614	A	G	7	4224614	Yield
1713	AGP_SNP1169_S7_4365936	C	G	7	4365936	Tassel Architecture
1714	AGP_SNP1170_S7_4704421	T	G	7	4704421	Tassel Architecture
1715	AGP_SNP1171_S7_4710133	T	C	7	4710133	Tassel Architecture
1716	AGP_SNP3478_S7_4710395	G	T	7	4710395	Polymorphic in Stiff Stalk Material
1717	AGP_SNP1172_S7_4992595	G	A	7	4992595	Tassel Architecture
1718	AGP_SNP1173_S7_4993741	G	A	7	4993741	Tassel Architecture
1719	AGP_SNP1174_S7_5294149	C	G	7	5294149	Ear, Kernel,or Cob Morphology
1720	AGP_SNP3481_S7_5576737	C	G	7	5576737	Polymorphic in Stiff Stalk Material
1721	AGP_SNP1175_S7_5777795	G	A	7	5777795	Ear, Kernel,or Cob Morphology
1722	AGP_SNP1176_S7_6008227	G	A	7	6008227	Grain Moisture
1723	AGP_SNP3482_S7_7731242	T	C	7	7731242	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height, Yield
1724	AGP_SNP3489_S7_7742880	A	G	7	7742880	Ear, Kernel,or Cob Morphology, Yield
1725	AGP_SNP3492_S7_7788150	G	A	7	7788150	Polymorphic in Stiff Stalk Material
1726	AGP_SNP1177_S7_8226814	C	G	7	8226814	Grain Moisture
1727	AGP_SNP1178_S7_8236858	A	G	7	8236858	Grain Moisture
1728	AGP_SNP2426_S7_8359766	G	A	7	8359766	Plant and Ear Height
1729	AGP_SNP1179_S7_8740239	C	T	7	8740239	Grain Moisture
1730	AGP_SNP1180_S7_9076132	T	C	7	9076132	Grain Moisture
1731	AGP_SNP1181_S7_9373969	C	T	7	9373969	Ear, Kernel,or Cob Morphology
1732	AGP_SNP1183_S7_9378165	A	T	7	9378165	Grain Moisture
1733	AGP_SNP1071_S7_10079492	T	C	7	10079492	Ear, Kernel,or Cob Morphology
1734	AGP_SNP3382_S7_10674992	C	T	7	10674992	Plant and Ear Height
1735	AGP_SNP3384_S7_10675006	C	T	7	10675006	Plant and Ear Height
1736	AGP_SNP1073_S7_10810550	T	A	7	10810550	Ear, Kernel,or Cob Morphology
1737	AGP_SNP3388_S7_11059965	A	G	7	11059965	Yield
1738	AGP_SNP1079_S7_11634162	A	G	7	11634162	Yield
1739	AGP_SNP1080_S7_12026797	T	C	7	12026797	Yield
1740	AGP_SNP1093_S7_13501881	A	G	7	13501881	Yield
1741	AGP_SNP1095_S7_13581391	G	C	7	13581391	Yield
1742	AGP_SNP1614_S7_13945703	C	T	7	13945703	Plant and Ear Height
1743	AGP_SNP1103_S7_13961624	A	G	7	13961624	Yield

1744	AGP_SNP3411_S7_13961812	G	A	7	13961812	Polymorphic in Stiff Stalk Material
1745	AGP_SNP1104_S7_13961898	G	C	7	13961898	Yield
1746	AGP_SNP1105_S7_14207155	A	G	7	14207155	Yield
1747	AGP_SNP1117_S7_15392216	T	C	7	15392216	Yield
1748	AGP_SNP1132_S7_17794913	G	C	7	17794913	Grain Moisture
1749	AGP_SNP1142_S7_18011608	C	G	7	18011608	Grain Moisture
1750	AGP_SNP3463_S7_22883047	C	T	7	22883047	Polymorphic in Stiff Stalk Material
1751	AGP_SNP3464_S7_27134089	C	T	7	27134089	Polymorphic in Stiff Stalk Material
1752	AGP_SNP1160_S7_27927295	A	G	7	27927295	Yield
1753	AGP_SNP3465_S7_28946638	C	T	7	28946638	Flowering Time
1754	AGP_SNP3468_S7_31369870	T	C	7	31369870	Polymorphic in Stiff Stalk Material
1755	AGP_SNP3469_S7_34053809	G	A	7	34053809	Polymorphic in Stiff Stalk Material
1756	AGP_SNP3470_S7_34422171	C	T	7	34422171	Flowering Time
1757	AGP_SNP3476_S7_41473602	G	C	7	41473602	Polymorphic in Stiff Stalk Material
1758	AGP_SNP1168_S7_42251847	T	C	7	42251847	Yield
1759	AGP_SNP3477_S7_44311585	C	A	7	44311585	Polymorphic in Stiff Stalk Material
1760	AGP_SNP2392_S7_45606995	T	C	7	45606995	Grain Moisture, Yield
1761	AGP_SNP2394_S7_46507393	G	A	7	46507393	Grain Moisture
1762	AGP_SNP3479_S7_47593869	T	C	7	47593869	Polymorphic in Stiff Stalk Material
1763	AGP_SNP3480_S7_52721525	C	T	7	52721525	Grain Moisture
1764	AGP_SNP3494_S7_91010583	A	C	7	91010583	Polymorphic in Stiff Stalk Material
1765	AGP_SNP3496_S7_95720534	G	A	7	95720534	Polymorphic in Stiff Stalk Material
1766	AGP_SNP2091_S7_96947428	T	C	7	96947428	Grain Moisture, Yield
1767	AGP_SNP3497_S7_98764344	A	G	7	98764344	Polymorphic in Stiff Stalk Material
1768	AGP_SNP2395_S7_99574114	C	T	7	99574114	Plant and Ear Height
1769	AGP_SNP3379_S7_101685008	T	A	7	101685008	Polymorphic in Stiff Stalk Material
1770	AGP_SNP1510_S7_103794469	T	C	7	103794469	Flowering Time, Grain Moisture
1771	AGP_SNP3380_S7_104243433	C	G	7	104243433	Polymorphic in Stiff Stalk Material
1772	AGP_SNP3386_S7_107046839	C	T	7	107046839	Polymorphic in Stiff Stalk Material
1773	AGP_SNP1075_S7_109732796	C	T	7	109732796	Grain Moisture
1774	AGP_SNP3387_S7_110287645	T	A	7	110287645	Polymorphic in Stiff Stalk Material
1775	AGP_SNP1076_S7_111434643	T	C	7	111434643	Grain Moisture
1776	AGP_SNP3389_S7_112726284	A	T	7	112726284	Polymorphic in Stiff Stalk Material

1777	AGP_SNP1897_S7_114101603	C	T	7	114101603	Yield
1778	AGP_SNP2034_S7_114102321	C	T	7	114102321	Plant and Ear Height
1779	AGP_SNP3390_S7_114288977	G	C	7	114288977	Polymorphic in Stiff Stalk Material
1780	AGP_SNP1077_S7_115394464	G	A	7	115394464	Tassel Architecture
1781	AGP_SNP1078_S7_115531617	G	A	7	115531617	Yield
1782	AGP_SNP2248_S7_116276698	C	A	7	116276698	Flowering Time
1783	AGP_SNP3391_S7_116653725	C	A	7	116653725	Polymorphic in Stiff Stalk Material
1784	AGP_SNP2462_S7_116780969	T	C	7	116780969	Flowering Time
1785	AGP_SNP2441_S7_117519628	G	A	7	117519628	Flowering Time
1786	AGP_SNP3392_S7_122387013	T	C	7	122387013	Flowering Time
1787	AGP_SNP1081_S7_122393459	A	G	7	122393459	Yield
1788	AGP_SNP2391_S7_122707824	G	A	7	122707824	Grain Moisture
1789	AGP_SNP3396_S7_123465778	G	A	7	123465778	Polymorphic in Stiff Stalk Material
1790	AGP_SNP1082_S7_124279387	A	T	7	124279387	Plant and Ear Height
1791	AGP_SNP3397_S7_125176636	G	A	7	125176636	Polymorphic in Stiff Stalk Material
1792	AGP_SNP1539_S7_126118922	C	T	7	126118922	Flowering Time
1793	AGP_SNP1083_S7_126935343	T	G	7	126935343	Flowering Time
1794	AGP_SNP3398_S7_127045257	C	G	7	127045257	Polymorphic in Stiff Stalk Material
1795	AGP_SNP3399_S7_128986731	A	C	7	128986731	Polymorphic in Stiff Stalk Material
1796	AGP_SNP1085_S7_129214069	C	G	7	129214069	Grain Moisture
1797	AGP_SNP1526_S7_129807336	G	C	7	129807336	Ear, Kernel,or Cob Morphology, Grain Moisture, Plant and Ear Height
1798	AGP_SNP1086_S7_130131479	G	A	7	130131479	Grain Moisture
1799	AGP_SNP1520_S7_130175589	C	A	7	130175589	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1800	AGP_SNP3402_S7_130368700	G	A	7	130368700	Polymorphic in Stiff Stalk Material
1801	AGP_SNP1087_S7_130547743	A	G	7	130547743	Plant and Ear Height
1802	AGP_SNP1088_S7_131668413	G	A	7	131668413	Yield
1803	AGP_SNP3403_S7_131772840	G	C	7	131772840	Plant and Ear Height
1804	AGP_SNP1540_S7_132127560	A	G	7	132127560	Grain Moisture
1805	AGP_SNP1790_S7_132461307	C	T	7	132461307	Plant and Ear Height, Yield
1806	AGP_SNP1090_S7_133186810	A	T	7	133186810	Grain Moisture
1807	AGP_SNP1091_S7_133186871	A	G	7	133186871	Grain Moisture
1808	AGP_SNP3406_S7_133464110	C	T	7	133464110	Polymorphic in Stiff Stalk Material
1809	AGP_SNP1092_S7_133465902	A	G	7	133465902	Flowering Time

1810	AGP_SNP3407_S7_135301936	T	C	7	135301936	Polymorphic in Stiff Stalk Material
1811	AGP_SNP1094_S7_135796201	A	T	7	135796201	Flowering Time
1812	AGP_SNP1096_S7_136214505	G	C	7	136214505	Yield
1813	AGP_SNP1098_S7_136452694	A	C	7	136452694	Grain Moisture
1814	AGP_SNP1099_S7_136531397	T	C	7	136531397	Grain Moisture
1815	AGP_SNP3409_S7_137510639	C	T	7	137510639	Polymorphic in Stiff Stalk Material
1816	AGP_SNP1101_S7_139440325	A	G	7	139440325	Yield
1817	AGP_SNP3410_S7_139491179	A	C	7	139491179	Polymorphic in Stiff Stalk Material
1818	AGP_SNP1102_S7_139496582	C	A	7	139496582	Plant and Ear Height
1819	AGP_SNP1757_S7_139527440	G	A	7	139527440	Plant and Ear Height
1820	AGP_SNP3412_S7_140578194	C	T	7	140578194	Yield
1821	AGP_SNP2242_S7_141747386	G	C	7	141747386	Plant and Ear Height
1822	AGP_SNP2244_S7_141756965	C	T	7	141756965	Yield
1823	AGP_SNP3413_S7_141756990	C	T	7	141756990	Ear, Kernel,or Cob Morphology
1824	AGP_SNP3414_S7_141775626	T	A	7	141775626	Polymorphic in Stiff Stalk Material
1825	AGP_SNP1106_S7_143069328	G	A	7	143069328	Plant and Ear Height
1826	AGP_SNP1107_S7_143098054	T	A	7	143098054	Plant and Ear Height
1827	AGP_SNP3416_S7_143327982	G	A	7	143327982	Plant and Ear Height
1828	AGP_SNP3417_S7_143685357	A	G	7	143685357	Polymorphic in Stiff Stalk Material
1829	AGP_SNP1108_S7_144667243	G	T	7	144667243	Plant and Ear Height
1830	AGP_SNP3418_S7_144877105	A	G	7	144877105	Polymorphic in Stiff Stalk Material
1831	AGP_SNP1109_S7_145115606	G	C	7	145115606	Yield
1832	AGP_SNP3419_S7_146989468	G	C	7	146989468	Polymorphic in Stiff Stalk Material
1833	AGP_SNP1110_S7_146990357	G	A	7	146990357	Yield
1834	AGP_SNP2236_S7_147788972	G	T	7	147788972	Plant and Ear Height
1835	AGP_SNP1111_S7_148846698	G	A	7	148846698	Flowering Time
1836	AGP_SNP3420_S7_149164143	G	T	7	149164143	Polymorphic in Stiff Stalk Material
1837	AGP_SNP1112_S7_149970872	C	T	7	149970872	Yield
1838	AGP_SNP1113_S7_150154276	T	C	7	150154276	Yield
1839	AGP_SNP3421_S7_150341368	G	A	7	150341368	Polymorphic in Stiff Stalk Material
1840	AGP_SNP1716_S7_150739423	G	A	7	150739423	Flowering Time
1841	AGP_SNP1114_S7_150896426	T	C	7	150896426	Yield
1842	AGP_SNP3422_S7_151122054	C	T	7	151122054	Yield

1843	AGP_SNP3424_S7_151323488	T	A	7	151323488	Polymorphic in Stiff Stalk Material
1844	AGP_SNP1115_S7_152980877	C	T	7	152980877	Flowering Time
1845	AGP_SNP3425_S7_153473280	A	C	7	153473280	Polymorphic in Stiff Stalk Material
1846	AGP_SNP1898_S7_153571933	T	C	7	153571933	Yield
1847	AGP_SNP2365_S7_153812639	T	G	7	153812639	Yield
1848	AGP_SNP3428_S7_161191018	G	C	7	161191018	Polymorphic in Stiff Stalk Material
1849	AGP_SNP2171_S7_161352998	G	A	7	161352998	Yield
1850	AGP_SNP3429_S7_162543979	A	C	7	162543979	Polymorphic in Stiff Stalk Material
1851	AGP_SNP3430_S7_163227439	G	C	7	163227439	Polymorphic in Stiff Stalk Material
1852	AGP_SNP3431_S7_164101621	A	G	7	164101621	Polymorphic in Stiff Stalk Material
1853	AGP_SNP2093_S7_165193358	A	C	7	165193358	Yield
1854	AGP_SNP3432_S7_166294479	G	A	7	166294479	Polymorphic in Stiff Stalk Material
1855	AGP_SNP2061_S7_166649983	G	A	7	166649983	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
1856	AGP_SNP2464_S7_167438352	G	A	7	167438352	Ear, Kernel,or Cob Morphology, Plant and Ear Height
1857	AGP_SNP3433_S7_169115548	C	A	7	169115548	Polymorphic in Stiff Stalk Material
1858	AGP_SNP3435_S7_170910247	A	G	7	170910247	Polymorphic in Stiff Stalk Material
1859	AGP_SNP1119_S7_171137187	G	C	7	171137187	Flowering Time
1860	AGP_SNP1120_S7_171218528	C	G	7	171218528	Ear, Kernel,or Cob Morphology
1861	AGP_SNP3437_S7_171494406	A	G	7	171494406	Polymorphic in Stiff Stalk Material
1862	AGP_SNP3439_S7_173083438	C	A	7	173083438	Polymorphic in Stiff Stalk Material
1863	AGP_SNP2035_S7_173291589	A	G	7	173291589	Grain Moisture
1864	AGP_SNP3440_S7_174125838	C	T	7	174125838	Polymorphic in Stiff Stalk Material
1865	AGP_SNP2408_S7_174487321	A	G	7	174487321	Plant and Ear Height
1866	AGP_SNP2410_S7_174487353	G	A	7	174487353	Plant and Ear Height
1867	AGP_SNP2412_S7_174487367	G	C	7	174487367	Plant and Ear Height
1868	AGP_SNP1122_S7_174506595	T	C	7	174506595	Tassel Architecture
1869	AGP_SNP3441_S7_174659681	T	G	7	174659681	Polymorphic in Stiff Stalk Material
1870	AGP_SNP1123_S7_174986575	A	G	7	174986575	Yield
1871	AGP_SNP3442_S7_174986674	T	C	7	174986674	Polymorphic in Stiff Stalk Material
1872	AGP_SNP1124_S7_174986857	G	A	7	174986857	Grain Moisture
1873	AGP_SNP2466_S7_175273833	G	C	7	175273833	Yield
1874	AGP_SNP1125_S7_175482129	C	T	7	175482129	Yield
1875	AGP_SNP1126_S7_176074888	A	T	7	176074888	Flowering Time

1876	AGP_SNP1127_S7_176076452	G	A	7	176076452	Flowering Time
1877	AGP_SNP3443_S7_176208045	T	G	7	176208045	Polymorphic in Stiff Stalk Material
1878	AGP_SNP1758_S7_176582006	C	T	7	176582006	Plant and Ear Height
1879	AGP_SNP1128_S7_176908652	A	G	7	176908652	Flowering Time
1880	AGP_SNP1129_S7_177297045	C	T	7	177297045	Flowering Time
1881	AGP_SNP2023_S7_177365132	T	C	7	177365132	Yield
1882	AGP_SNP1131_S7_177589777	G	A	7	177589777	Yield
1883	AGP_SNP2346_S7_177592139	A	G	7	177592139	Plant and Ear Height
1884	AGP_SNP1133_S7_178057883	C	G	7	178057883	Flowering Time
1885	AGP_SNP3446_S7_178343753	A	G	7	178343753	Plant and Ear Height
1886	AGP_SNP1135_S7_178474803	C	A	7	178474803	Yield
1887	AGP_SNP1136_S7_178518524	A	G	7	178518524	Flowering Time
1888	AGP_SNP1137_S7_178518565	C	A	7	178518565	Flowering Time
1889	AGP_SNP1138_S7_178518778	C	T	7	178518778	Flowering Time
1890	AGP_SNP1139_S7_178522030	G	T	7	178522030	Flowering Time
1891	AGP_SNP1140_S7_178606174	G	A	7	178606174	Ear, Kernel,or Cob Morphology
1892	AGP_SNP1141_S7_179111058	G	A	7	179111058	Flowering Time
1893	AGP_SNP3448_S7_179111826	G	A	7	179111826	Polymorphic in Stiff Stalk Material
1894	AGP_SNP3449_S7_179765379	A	G	7	179765379	Polymorphic in Stiff Stalk Material
1895	AGP_SNP3450_S7_180311878	A	C	7	180311878	Polymorphic in Stiff Stalk Material
1896	AGP_SNP3451_S7_181091489	C	G	7	181091489	Polymorphic in Stiff Stalk Material
1897	AGP_SNP1145_S7_181816998	A	G	7	181816998	Ear, Kernel,or Cob Morphology
1898	AGP_SNP1147_S7_182243539	G	C	7	182243539	Flowering Time
1899	AGP_SNP3453_S7_182297023	A	T	7	182297023	Polymorphic in Stiff Stalk Material
1900	AGP_SNP1150_S7_182932513	G	C	7	182932513	Plant and Ear Height
1901	AGP_SNP1151_S7_183230255	T	G	7	183230255	Plant and Ear Height
1902	AGP_SNP1152_S7_183251802	G	C	7	183251802	Plant and Ear Height
1903	AGP_SNP1153_S7_183325818	A	C	7	183325818	Other
1904	AGP_SNP1154_S7_183536615	G	A	7	183536615	Flowering Time
1905	AGP_SNP1562_S7_183788586	G	C	7	183788586	Ear, Kernel,or Cob Morphology, Flowering Time, Plant and Ear Height
1906	AGP_SNP3456_S7_184336227	C	T	7	184336227	Polymorphic in Stiff Stalk Material
1907	AGP_SNP1156_S7_184554841	C	A	7	184554841	Ear, Kernel,or Cob Morphology
1908	AGP_SNP1331_S8_612496	C	T	8	612496	Flowering Time

1909	AGP_SNP1204_S8_1194913	T	A	8	1194913	Flowering Time
1910	AGP_SNP3505_S8_1194988	T	A	8	1194988	Polymorphic in Stiff Stalk Material
1911	AGP_SNP3557_S8_1749996	T	C	8	1749996	Grain Moisture
1912	AGP_SNP1303_S8_1829299	A	G	8	1829299	Flowering Time
1913	AGP_SNP3570_S8_2056849	G	A	8	2056849	Grain Moisture
1914	AGP_SNP3574_S8_2420621	C	T	8	2420621	Polymorphic in Stiff Stalk Material
1915	AGP_SNP1315_S8_2623912	C	G	8	2623912	Flowering Time
1916	AGP_SNP1750_S8_3642557	C	T	8	3642557	Grain Moisture
1917	AGP_SNP2197_S8_3642603	A	G	8	3642603	Ear, Kernel,or Cob Morphology
1918	AGP_SNP1650_S8_3973029	C	T	8	3973029	Ear, Kernel,or Cob Morphology
1919	AGP_SNP1328_S8_5223551	C	T	8	5223551	Yield
1920	AGP_SNP1330_S8_5489560	T	C	8	5489560	Plant and Ear Height
1921	AGP_SNP1335_S8_7117363	T	C	8	7117363	Flowering Time
1922	AGP_SNP1336_S8_7117426	G	C	8	7117426	Plant and Ear Height
1923	AGP_SNP1337_S8_7259227	T	C	8	7259227	Plant and Ear Height
1924	AGP_SNP1340_S8_7346951	C	T	8	7346951	Flowering Time
1925	AGP_SNP1358_S8_9215338	C	T	8	9215338	Grain Moisture
1926	AGP_SNP3595_S8_9278330	T	C	8	9278330	Polymorphic in Stiff Stalk Material
1927	AGP_SNP1185_S8_10397644	C	G	8	10397644	Yield
1928	AGP_SNP1190_S8_10712954	T	A	8	10712954	Ear, Kernel,or Cob Morphology
1929	AGP_SNP3503_S8_11691508	G	A	8	11691508	Polymorphic in Stiff Stalk Material
1930	AGP_SNP1212_S8_12721256	G	T	8	12721256	Ear, Kernel,or Cob Morphology
1931	AGP_SNP1215_S8_13249143	C	G	8	13249143	Flowering Time
1932	AGP_SNP3512_S8_13771167	C	T	8	13771167	Grain Moisture
1933	AGP_SNP2193_S8_13999416	C	T	8	13999416	Grain Moisture
1934	AGP_SNP1496_S8_14203871	T	C	8	14203871	Grain Moisture
1935	AGP_SNP3522_S8_14486971	A	G	8	14486971	Polymorphic in Stiff Stalk Material
1936	AGP_SNP1274_S8_17315368	C	T	8	17315368	Yield
1937	AGP_SNP3559_S8_17545971	T	A	8	17545971	Polymorphic in Stiff Stalk Material
1938	AGP_SNP3569_S8_18826784	A	G	8	18826784	Polymorphic in Stiff Stalk Material
1939	AGP_SNP1305_S8_18836435	G	A	8	18836435	Flowering Time
1940	AGP_SNP3571_S8_20695697	T	A	8	20695697	Polymorphic in Stiff Stalk Material
1941	AGP_SNP3573_S8_22984536	C	A	8	22984536	Polymorphic in Stiff Stalk Material

1942	AGP_SNP1308_S8_23263047	T	C	8	23263047	Flowering Time
1943	AGP_SNP1309_S8_23439188	A	G	8	23439188	Ear, Kernel,or Cob Morphology
1944	AGP_SNP1310_S8_23439421	G	C	8	23439421	Ear, Kernel,or Cob Morphology
1945	AGP_SNP1311_S8_23440142	C	G	8	23440142	Ear, Kernel,or Cob Morphology
1946	AGP_SNP3575_S8_24407454	A	T	8	24407454	Polymorphic in Stiff Stalk Material
1947	AGP_SNP1312_S8_24594223	G	A	8	24594223	Yield
1948	AGP_SNP3576_S8_25772299	T	C	8	25772299	Polymorphic in Stiff Stalk Material
1949	AGP_SNP1313_S8_25776901	G	C	8	25776901	Yield
1950	AGP_SNP1314_S8_25779871	A	G	8	25779871	Yield
1951	AGP_SNP1872_S8_26031524	G	A	8	26031524	Grain Moisture
1952	AGP_SNP1316_S8_27837421	T	C	8	27837421	Flowering Time
1953	AGP_SNP1317_S8_28410514	C	T	8	28410514	Flowering Time
1954	AGP_SNP1319_S8_28933320	T	C	8	28933320	Flowering Time
1955	AGP_SNP1320_S8_29366651	C	T	8	29366651	Flowering Time
1956	AGP_SNP1321_S8_29367161	G	A	8	29367161	Flowering Time
1957	AGP_SNP3578_S8_30416206	A	G	8	30416206	Polymorphic in Stiff Stalk Material
1958	AGP_SNP1323_S8_34786661	A	C	8	34786661	Plant and Ear Height
1959	AGP_SNP3579_S8_36790408	T	C	8	36790408	Polymorphic in Stiff Stalk Material
1960	AGP_SNP1324_S8_37491523	T	A	8	37491523	Tassel Architecture
1961	AGP_SNP3580_S8_39607936	C	G	8	39607936	Polymorphic in Stiff Stalk Material
1962	AGP_SNP3582_S8_41779834	A	G	8	41779834	Polymorphic in Stiff Stalk Material
1963	AGP_SNP1325_S8_41888257	T	G	8	41888257	Ear, Kernel,or Cob Morphology
1964	AGP_SNP1326_S8_41889144	T	C	8	41889144	Ear, Kernel,or Cob Morphology
1965	AGP_SNP1327_S8_41936537	T	A	8	41936537	Ear, Kernel,or Cob Morphology
1966	AGP_SNP3583_S8_45705606	A	G	8	45705606	Polymorphic in Stiff Stalk Material
1967	AGP_SNP1718_S8_53180719	C	T	8	53180719	Yield
1968	AGP_SNP3584_S8_65091959	G	T	8	65091959	Polymorphic in Stiff Stalk Material
1969	AGP_SNP1332_S8_67365157	A	C	8	67365157	Ear, Kernel,or Cob Morphology
1970	AGP_SNP1333_S8_67366292	T	A	8	67366292	Ear, Kernel,or Cob Morphology
1971	AGP_SNP1334_S8_68605842	T	G	8	68605842	Ear, Kernel,or Cob Morphology
1972	AGP_SNP3585_S8_69145655	G	A	8	69145655	Polymorphic in Stiff Stalk Material
1973	AGP_SNP1625_S8_72227765	C	G	8	72227765	Yield
1974	AGP_SNP3586_S8_72283105	T	C	8	72283105	Polymorphic in Stiff Stalk Material

1975	AGP_SNP1338_S8_72947993	C	A	8	72947993	Ear, Kernel,or Cob Morphology
1976	AGP_SNP1339_S8_73298586	T	G	8	73298586	Ear, Kernel,or Cob Morphology
1977	AGP_SNP1341_S8_73725823	C	A	8	73725823	Ear, Kernel,or Cob Morphology
1978	AGP_SNP1342_S8_74479931	A	G	8	74479931	Tassel Architecture
1979	AGP_SNP1343_S8_75118540	G	A	8	75118540	Flowering Time
1980	AGP_SNP1344_S8_75124138	T	C	8	75124138	Flowering Time
1981	AGP_SNP3588_S8_75124250	C	A	8	75124250	Polymorphic in Stiff Stalk Material
1982	AGP_SNP1345_S8_77543206	C	T	8	77543206	Ear, Kernel,or Cob Morphology
1983	AGP_SNP1346_S8_78072479	A	G	8	78072479	Ear, Kernel,or Cob Morphology
1984	AGP_SNP1347_S8_78074116	A	G	8	78074116	Disease Resistance
1985	AGP_SNP1348_S8_78074363	C	T	8	78074363	Ear, Kernel,or Cob Morphology
1986	AGP_SNP3590_S8_78087508	G	A	8	78087508	Polymorphic in Stiff Stalk Material
1987	AGP_SNP1349_S8_80222882	T	C	8	80222882	Ear, Kernel,or Cob Morphology
1988	AGP_SNP1350_S8_80579757	G	A	8	80579757	Flowering Time
1989	AGP_SNP3591_S8_80737875	A	C	8	80737875	Polymorphic in Stiff Stalk Material
1990	AGP_SNP1351_S8_80748080	T	C	8	80748080	Flowering Time
1991	AGP_SNP1352_S8_81892711	A	G	8	81892711	Tassel Architecture
1992	AGP_SNP1353_S8_82048199	C	G	8	82048199	Flowering Time
1993	AGP_SNP1354_S8_82048896	A	C	8	82048896	Flowering Time
1994	AGP_SNP3592_S8_82162950	C	T	8	82162950	Polymorphic in Stiff Stalk Material
1995	AGP_SNP3593_S8_86486748	A	T	8	86486748	Polymorphic in Stiff Stalk Material
1996	AGP_SNP1355_S8_89302137	T	C	8	89302137	Yield
1997	AGP_SNP1356_S8_90891762	G	A	8	90891762	Tassel Architecture
1998	AGP_SNP1357_S8_91070032	T	A	8	91070032	Tassel Architecture
1999	AGP_SNP1359_S8_92211180	G	C	8	92211180	Flowering Time
2000	AGP_SNP3594_S8_92211196	T	G	8	92211196	Polymorphic in Stiff Stalk Material
2001	AGP_SNP1498_S8_92273238	T	C	8	92273238	Plant and Ear Height
2002	AGP_SNP1360_S8_92845779	C	T	8	92845779	Ear, Kernel,or Cob Morphology
2003	AGP_SNP1361_S8_93206352	G	A	8	93206352	Ear, Kernel,or Cob Morphology
2004	AGP_SNP1362_S8_93206908	G	A	8	93206908	Grain Moisture
2005	AGP_SNP1363_S8_93207205	G	T	8	93207205	Ear, Kernel,or Cob Morphology
2006	AGP_SNP3596_S8_95241528	A	G	8	95241528	Polymorphic in Stiff Stalk Material
2007	AGP_SNP1364_S8_97314946	C	T	8	97314946	Yield

2008	AGP_SNP1365_S8_97365190	G	A	8	97365190	Ear, Kernel,or Cob Morphology
2009	AGP_SNP1366_S8_97459232	T	G	8	97459232	Yield
2010	AGP_SNP1367_S8_97729237	C	G	8	97729237	Disease Resistance
2011	AGP_SNP3498_S8_102334905	C	T	8	102334905	Polymorphic in Stiff Stalk Material
2012	AGP_SNP1184_S8_103243140	C	T	8	103243140	Flowering Time
2013	AGP_SNP3499_S8_104269101	G	C	8	104269101	Polymorphic in Stiff Stalk Material
2014	AGP_SNP1186_S8_105803797	C	T	8	105803797	Yield
2015	AGP_SNP3500_S8_105985640	C	T	8	105985640	Polymorphic in Stiff Stalk Material
2016	AGP_SNP1187_S8_106614488	C	T	8	106614488	Yield
2017	AGP_SNP1188_S8_106910226	G	C	8	106910226	Yield
2018	AGP_SNP1189_S8_106912903	T	C	8	106912903	Tassel Architecture
2019	AGP_SNP1192_S8_107255124	C	G	8	107255124	Plant and Ear Height
2020	AGP_SNP3501_S8_108472915	C	A	8	108472915	Polymorphic in Stiff Stalk Material
2021	AGP_SNP1194_S8_109133633	T	C	8	109133633	Flowering Time
2022	AGP_SNP1195_S8_109392545	G	T	8	109392545	Ear, Kernel,or Cob Morphology
2023	AGP_SNP1196_S8_109392879	G	C	8	109392879	Flowering Time
2024	AGP_SNP1197_S8_111322877	G	A	8	111322877	Yield
2025	AGP_SNP1199_S8_112360110	C	G	8	112360110	Ear, Kernel,or Cob Morphology
2026	AGP_SNP1200_S8_112613045	A	C	8	112613045	Ear, Kernel,or Cob Morphology
2027	AGP_SNP3502_S8_113061666	G	T	8	113061666	Polymorphic in Stiff Stalk Material
2028	AGP_SNP1201_S8_113222492	C	T	8	113222492	Plant and Ear Height
2029	AGP_SNP1203_S8_115324388	T	C	8	115324388	Tassel Architecture
2030	AGP_SNP3504_S8_118673313	C	T	8	118673313	Polymorphic in Stiff Stalk Material
2031	AGP_SNP1205_S8_119861994	G	A	8	119861994	Tassel Architecture
2032	AGP_SNP1206_S8_119990281	G	T	8	119990281	Tassel Architecture
2033	AGP_SNP1207_S8_120893120	C	T	8	120893120	Plant and Ear Height
2034	AGP_SNP1208_S8_121230676	T	G	8	121230676	Yield
2035	AGP_SNP3506_S8_121951790	T	C	8	121951790	Polymorphic in Stiff Stalk Material
2036	AGP_SNP3507_S8_123526088	C	G	8	123526088	Polymorphic in Stiff Stalk Material
2037	AGP_SNP1209_S8_124908154	G	A	8	124908154	Tassel Architecture
2038	AGP_SNP3508_S8_126178224	C	T	8	126178224	Polymorphic in Stiff Stalk Material
2039	AGP_SNP1210_S8_126980958	T	G	8	126980958	Flowering Time
2040	AGP_SNP1211_S8_126981184	T	A	8	126981184	Tassel Architecture

2041	AGP_SNP3509_S8_129126249	A	C	8	129126249	Polymorphic in Stiff Stalk Material
2042	AGP_SNP1213_S8_129126331	C	A	8	129126331	Plant and Ear Height
2043	AGP_SNP1214_S8_131343001	A	C	8	131343001	Flowering Time
2044	AGP_SNP2142_S8_132992799	G	A	8	132992799	Ear, Kernel,or Cob Morphology
2045	AGP_SNP1217_S8_134326402	A	G	8	134326402	Flowering Time
2046	AGP_SNP3511_S8_136802438	T	C	8	136802438	Polymorphic in Stiff Stalk Material
2047	AGP_SNP1956_S8_136809284	C	T	8	136809284	Yield
2048	AGP_SNP1218_S8_136906155	C	G	8	136906155	Flowering Time
2049	AGP_SNP1969_S8_137591652	C	A	8	137591652	Grain Moisture, Plant and Ear Height
2050	AGP_SNP3513_S8_138038762	G	C	8	138038762	Polymorphic in Stiff Stalk Material
2051	AGP_SNP3514_S8_138671667	G	A	8	138671667	Polymorphic in Stiff Stalk Material
2052	AGP_SNP3515_S8_139359278	C	T	8	139359278	Polymorphic in Stiff Stalk Material
2053	AGP_SNP1219_S8_139640865	T	G	8	139640865	Flowering Time
2054	AGP_SNP1785_S8_139641067	T	C	8	139641067	Plant and Ear Height
2055	AGP_SNP1786_S8_139641078	C	T	8	139641078	Plant and Ear Height
2056	AGP_SNP1779_S8_139735441	C	G	8	139735441	Grain Moisture, Plant and Ear Height
2057	AGP_SNP1220_S8_140024615	G	T	8	140024615	Yield
2058	AGP_SNP3516_S8_140716187	G	C	8	140716187	Polymorphic in Stiff Stalk Material
2059	AGP_SNP1221_S8_140718850	G	A	8	140718850	Disease Resistance
2060	AGP_SNP3517_S8_141669288	G	A	8	141669288	Polymorphic in Stiff Stalk Material
2061	AGP_SNP1223_S8_142038195	T	G	8	142038195	Flowering Time
2062	AGP_SNP1224_S8_142169768	A	G	8	142169768	Yield
2063	AGP_SNP1225_S8_142173684	C	A	8	142173684	Disease Resistance
2064	AGP_SNP3518_S8_143244271	T	C	8	143244271	Polymorphic in Stiff Stalk Material
2065	AGP_SNP1227_S8_143840137	A	G	8	143840137	Tassel Architecture
2066	AGP_SNP3519_S8_143932091	A	G	8	143932091	Grain Moisture, Yield
2067	AGP_SNP3521_S8_144503660	A	G	8	144503660	Polymorphic in Stiff Stalk Material
2068	AGP_SNP1228_S8_145104273	G	A	8	145104273	Flowering Time
2069	AGP_SNP1231_S8_145619184	G	T	8	145619184	Flowering Time
2070	AGP_SNP1232_S8_145638724	A	G	8	145638724	Flowering Time
2071	AGP_SNP1233_S8_145638857	C	T	8	145638857	Ear, Kernel,or Cob Morphology
2072	AGP_SNP1234_S8_145638907	G	T	8	145638907	Ear, Kernel,or Cob Morphology
2073	AGP_SNP1235_S8_145639197	G	A	8	145639197	Flowering Time

2074	AGP_SNP1236_S8_145706344	A	C	8	145706344	Flowering Time
2075	AGP_SNP1237_S8_146913681	T	A	8	146913681	Flowering Time
2076	AGP_SNP1976_S8_146915872	C	T	8	146915872	Grain Moisture, Yield
2077	AGP_SNP1960_S8_147061014	T	C	8	147061014	Grain Moisture, Yield
2078	AGP_SNP1238_S8_147237160	C	T	8	147237160	Flowering Time
2079	AGP_SNP1239_S8_147237232	C	T	8	147237232	Grain Moisture
2080	AGP_SNP1240_S8_148123116	T	C	8	148123116	Ear, Kernel,or Cob Morphology
2081	AGP_SNP1241_S8_148123368	A	C	8	148123368	Ear, Kernel,or Cob Morphology
2082	AGP_SNP1242_S8_148209478	C	T	8	148209478	Ear, Kernel,or Cob Morphology
2083	AGP_SNP1243_S8_148213738	T	C	8	148213738	Ear, Kernel,or Cob Morphology
2084	AGP_SNP1244_S8_149334177	G	C	8	149334177	Ear, Kernel,or Cob Morphology
2085	AGP_SNP3526_S8_149420065	T	C	8	149420065	Polymorphic in Stiff Stalk Material
2086	AGP_SNP1246_S8_151332101	T	C	8	151332101	Flowering Time
2087	AGP_SNP3528_S8_151559281	G	T	8	151559281	Polymorphic in Stiff Stalk Material
2088	AGP_SNP1247_S8_152518255	A	G	8	152518255	Ear, Kernel,or Cob Morphology
2089	AGP_SNP1248_S8_152790587	C	T	8	152790587	Ear, Kernel,or Cob Morphology
2090	AGP_SNP3529_S8_152796617	A	C	8	152796617	Polymorphic in Stiff Stalk Material
2091	AGP_SNP1249_S8_152930973	C	T	8	152930973	Tassel Architecture
2092	AGP_SNP1250_S8_152931377	G	T	8	152931377	Flowering Time
2093	AGP_SNP1251_S8_153849223	A	C	8	153849223	Ear, Kernel,or Cob Morphology
2094	AGP_SNP3530_S8_153951065	T	C	8	153951065	Polymorphic in Stiff Stalk Material
2095	AGP_SNP1252_S8_154256530	T	C	8	154256530	Ear, Kernel,or Cob Morphology
2096	AGP_SNP1253_S8_154277134	C	T	8	154277134	Ear, Kernel,or Cob Morphology
2097	AGP_SNP1254_S8_155257598	G	T	8	155257598	Grain Moisture
2098	AGP_SNP3532_S8_155284422	G	A	8	155284422	Grain Moisture
2099	AGP_SNP3533_S8_156077718	C	G	8	156077718	Grain Moisture
2100	AGP_SNP3535_S8_157011747	G	T	8	157011747	Polymorphic in Stiff Stalk Material
2101	AGP_SNP1256_S8_157706115	C	T	8	157706115	Yield
2102	AGP_SNP1257_S8_157816200	C	A	8	157816200	Yield
2103	AGP_SNP3536_S8_157883748	G	A	8	157883748	Polymorphic in Stiff Stalk Material
2104	AGP_SNP1258_S8_158639830	A	G	8	158639830	Plant and Ear Height
2105	AGP_SNP1260_S8_158696822	T	C	8	158696822	Plant and Ear Height
2106	AGP_SNP3537_S8_158756134	T	G	8	158756134	Polymorphic in Stiff Stalk Material

2107	AGP_SNP3538_S8_159984291	G	A	8	159984291	Polymorphic in Stiff Stalk Material
2108	AGP_SNP1261_S8_159986949	G	A	8	159986949	Yield
2109	AGP_SNP1262_S8_162352976	G	T	8	162352976	Yield
2110	AGP_SNP3539_S8_162612468	C	T	8	162612468	Polymorphic in Stiff Stalk Material
2111	AGP_SNP1264_S8_162637212	C	T	8	162637212	Plant and Ear Height
2112	AGP_SNP1265_S8_162822724	C	T	8	162822724	Grain Moisture
2113	AGP_SNP1266_S8_162896145	G	C	8	162896145	Yield
2114	AGP_SNP1267_S8_163012266	T	C	8	163012266	Plant and Ear Height
2115	AGP_SNP1268_S8_163056389	T	A	8	163056389	Yield
2116	AGP_SNP3541_S8_163496457	G	C	8	163496457	Polymorphic in Stiff Stalk Material
2117	AGP_SNP1935_S8_165213412	A	G	8	165213412	Ear, Kernel,or Cob Morphology, Plant and Ear Height
2118	AGP_SNP1269_S8_165221478	G	C	8	165221478	Grain Moisture
2119	AGP_SNP1986_S8_165287774	T	C	8	165287774	Grain Moisture
2120	AGP_SNP3542_S8_165287815	A	G	8	165287815	Ear, Kernel,or Cob Morphology, Plant and Ear Height
2121	AGP_SNP3545_S8_165591470	T	G	8	165591470	Polymorphic in Stiff Stalk Material
2122	AGP_SNP2285_S8_165713145	G	A	8	165713145	Ear, Kernel,or Cob Morphology
2123	AGP_SNP3546_S8_166042246	A	G	8	166042246	Grain Moisture
2124	AGP_SNP3547_S8_166202785	G	A	8	166202785	Polymorphic in Stiff Stalk Material
2125	AGP_SNP2246_S8_166752171	A	C	8	166752171	Yield
2126	AGP_SNP2146_S8_167202272	C	T	8	167202272	Grain Moisture
2127	AGP_SNP2115_S8_167202317	A	G	8	167202317	Grain Moisture
2128	AGP_SNP1271_S8_168540873	C	T	8	168540873	Plant and Ear Height
2129	AGP_SNP3549_S8_168775473	T	C	8	168775473	Polymorphic in Stiff Stalk Material
2130	AGP_SNP3550_S8_169792125	G	A	8	169792125	Flowering Time
2131	AGP_SNP1272_S8_170687375	C	G	8	170687375	Plant and Ear Height
2132	AGP_SNP3552_S8_170842557	A	G	8	170842557	Polymorphic in Stiff Stalk Material
2133	AGP_SNP3553_S8_171453875	C	T	8	171453875	Polymorphic in Stiff Stalk Material
2134	AGP_SNP2226_S8_171742962	C	A	8	171742962	Flowering Time
2135	AGP_SNP2429_S8_172705488	T	C	8	172705488	Yield
2136	AGP_SNP2424_S8_172892623	G	A	8	172892623	Yield
2137	AGP_SNP2368_S8_173440166	G	A	8	173440166	Yield
2138	AGP_SNP1834_S8_175564833	C	G	8	175564833	Grain Moisture
2139	AGP_SNP3560_S8_175733988	G	C	8	175733988	Yield

2140	AGP_SNP1972_S8_175848932	T	C	8	175848932	Grain Moisture
2141	AGP_SNP3561_S8_176114327	A	T	8	176114327	Polymorphic in Stiff Stalk Material
2142	AGP_SNP1842_S8_176230266	A	G	8	176230266	Yield
2143	AGP_SNP1275_S8_176769987	G	C	8	176769987	Ear, Kernel,or Cob Morphology
2144	AGP_SNP3563_S8_176786513	C	T	8	176786513	Polymorphic in Stiff Stalk Material
2145	AGP_SNP2345_S8_177101160	G	A	8	177101160	Yield
2146	AGP_SNP1276_S8_177304312	G	A	8	177304312	Plant and Ear Height
2147	AGP_SNP1277_S8_177304499	C	T	8	177304499	Plant and Ear Height
2148	AGP_SNP1278_S8_177315603	A	C	8	177315603	Flowering Time
2149	AGP_SNP3564_S8_177689434	G	A	8	177689434	Polymorphic in Stiff Stalk Material
2150	AGP_SNP1279_S8_178010589	C	A	8	178010589	Flowering Time
2151	AGP_SNP1280_S8_178074080	C	T	8	178074080	Flowering Time
2152	AGP_SNP1281_S8_178090822	G	A	8	178090822	Flowering Time
2153	AGP_SNP1283_S8_178286494	A	G	8	178286494	Grain Moisture
2154	AGP_SNP3565_S8_178294802	G	A	8	178294802	Polymorphic in Stiff Stalk Material
2155	AGP_SNP1285_S8_178483072	G	C	8	178483072	Ear, Kernel,or Cob Morphology
2156	AGP_SNP1286_S8_178554472	C	G	8	178554472	Ear, Kernel,or Cob Morphology
2157	AGP_SNP1287_S8_178663730	C	T	8	178663730	Ear, Kernel,or Cob Morphology
2158	AGP_SNP3566_S8_178664475	T	C	8	178664475	Polymorphic in Stiff Stalk Material
2159	AGP_SNP1288_S8_178915043	A	G	8	178915043	Ear, Kernel,or Cob Morphology
2160	AGP_SNP2229_S8_178961641	G	C	8	178961641	Ear, Kernel,or Cob Morphology, Plant and Ear Height
2161	AGP_SNP1289_S8_179029297	G	A	8	179029297	Ear, Kernel,or Cob Morphology
2162	AGP_SNP3567_S8_179267039	G	A	8	179267039	Polymorphic in Stiff Stalk Material
2163	AGP_SNP1290_S8_179438577	G	A	8	179438577	Ear, Kernel,or Cob Morphology
2164	AGP_SNP1291_S8_179439574	C	A	8	179439574	Ear, Kernel,or Cob Morphology
2165	AGP_SNP1292_S8_179548317	C	G	8	179548317	Yield
2166	AGP_SNP1293_S8_179612437	C	G	8	179612437	Ear, Kernel,or Cob Morphology
2167	AGP_SNP1294_S8_179619835	T	C	8	179619835	Yield
2168	AGP_SNP1619_S8_179957322	G	C	8	179957322	Ear, Kernel,or Cob Morphology, Plant and Ear Height
2169	AGP_SNP1295_S8_179993351	T	A	8	179993351	Flowering Time
2170	AGP_SNP1296_S8_180046179	C	T	8	180046179	Flowering Time
2171	AGP_SNP1297_S8_180189011	A	G	8	180189011	Plant and Ear Height
2172	AGP_SNP1298_S8_180782117	T	C	8	180782117	Ear, Kernel,or Cob Morphology

2173	AGP_SNP1299_S8_180784833	G	A	8	180784833	Ear, Kernel,or Cob Morphology
2174	AGP_SNP3568_S8_181111566	G	C	8	181111566	Polymorphic in Stiff Stalk Material
2175	AGP_SNP1300_S8_181124334	A	G	8	181124334	Ear, Kernel,or Cob Morphology
2176	AGP_SNP1302_S8_181296649	C	T	8	181296649	Ear, Kernel,or Cob Morphology
2177	AGP_SNP1499_S8_181689217	C	T	8	181689217	Plant and Ear Height
2178	AGP_SNP1501_S8_181689247	G	A	8	181689247	Plant and Ear Height, Yield
2179	AGP_SNP3670_S9_3959370	T	C	9	3959370	Plant and Ear Height
2180	AGP_SNP3673_S9_4993690	T	G	9	4993690	Grain Moisture, Plant and Ear Height
2181	AGP_SNP2322_S9_4995279	T	G	9	4995279	Grain Moisture
2182	AGP_SNP1475_S9_8971249	C	A	9	8971249	Plant and Ear Height
2183	AGP_SNP1480_S9_9954525	G	A	9	9954525	Yield
2184	AGP_SNP3598_S9_10304284	C	T	9	10304284	Polymorphic in Stiff Stalk Material
2185	AGP_SNP1371_S9_10891094	T	C	9	10891094	Yield
2186	AGP_SNP1373_S9_12406880	T	C	9	12406880	Yield
2187	AGP_SNP3614_S9_12413974	G	A	9	12413974	Polymorphic in Stiff Stalk Material
2188	AGP_SNP1689_S9_13656461	G	A	9	13656461	Yield
2189	AGP_SNP3632_S9_13943778	C	G	9	13943778	Polymorphic in Stiff Stalk Material
2190	AGP_SNP1719_S9_13973036	T	G	9	13973036	Yield
2191	AGP_SNP3655_S9_17661474	A	G	9	17661474	Polymorphic in Stiff Stalk Material
2192	AGP_SNP1431_S9_18541531	C	T	9	18541531	Plant and Ear Height
2193	AGP_SNP3657_S9_18659976	C	A	9	18659976	Polymorphic in Stiff Stalk Material
2194	AGP_SNP1432_S9_19431348	C	A	9	19431348	Ear, Kernel,or Cob Morphology
2195	AGP_SNP2247_S9_19992784	T	C	9	19992784	Plant and Ear Height
2196	AGP_SNP1433_S9_20057612	T	C	9	20057612	Plant and Ear Height
2197	AGP_SNP2044_S9_20566593	G	T	9	20566593	Yield
2198	AGP_SNP3658_S9_20712634	T	C	9	20712634	Polymorphic in Stiff Stalk Material
2199	AGP_SNP3659_S9_22312637	G	C	9	22312637	Polymorphic in Stiff Stalk Material
2200	AGP_SNP1434_S9_22460773	A	G	9	22460773	Flowering Time
2201	AGP_SNP1435_S9_22683033	G	T	9	22683033	Plant and Ear Height
2202	AGP_SNP3660_S9_22835170	T	C	9	22835170	Polymorphic in Stiff Stalk Material
2203	AGP_SNP1436_S9_23908973	C	T	9	23908973	Yield
2204	AGP_SNP1437_S9_24533589	G	T	9	24533589	Yield
2205	AGP_SNP3661_S9_25177149	C	T	9	25177149	Polymorphic in Stiff Stalk Material

2206	AGP_SNP1616_S9_25419062	C	G	9	25419062	Plant and Ear Height
2207	AGP_SNP1439_S9_25652799	T	A	9	25652799	Ear, Kernel,or Cob Morphology
2208	AGP_SNP1440_S9_26412649	A	G	9	26412649	Plant and Ear Height
2209	AGP_SNP1441_S9_27016143	C	A	9	27016143	Ear, Kernel,or Cob Morphology
2210	AGP_SNP3662_S9_27018250	C	A	9	27018250	Polymorphic in Stiff Stalk Material
2211	AGP_SNP3663_S9_27837811	G	A	9	27837811	Polymorphic in Stiff Stalk Material
2212	AGP_SNP1442_S9_28606394	T	G	9	28606394	Ear, Kernel,or Cob Morphology
2213	AGP_SNP2442_S9_29045740	C	T	9	29045740	Ear, Kernel,or Cob Morphology
2214	AGP_SNP1444_S9_30376560	G	A	9	30376560	Ear, Kernel,or Cob Morphology
2215	AGP_SNP1445_S9_30380175	T	C	9	30380175	Ear, Kernel,or Cob Morphology
2216	AGP_SNP1446_S9_30508507	T	C	9	30508507	Ear, Kernel,or Cob Morphology
2217	AGP_SNP1447_S9_30509819	C	G	9	30509819	Ear, Kernel,or Cob Morphology
2218	AGP_SNP1495_S9_30603556	C	T	9	30603556	Flowering Time
2219	AGP_SNP3664_S9_30606494	C	T	9	30606494	Polymorphic in Stiff Stalk Material
2220	AGP_SNP1448_S9_31480496	T	C	9	31480496	Ear, Kernel,or Cob Morphology
2221	AGP_SNP1449_S9_33192523	A	G	9	33192523	Ear, Kernel,or Cob Morphology
2222	AGP_SNP1451_S9_34238597	T	C	9	34238597	Ear, Kernel,or Cob Morphology
2223	AGP_SNP1452_S9_34634719	G	C	9	34634719	Ear, Kernel,or Cob Morphology
2224	AGP_SNP1455_S9_40569788	A	C	9	40569788	Ear, Kernel,or Cob Morphology
2225	AGP_SNP3671_S9_42906699	G	T	9	42906699	Polymorphic in Stiff Stalk Material
2226	AGP_SNP1456_S9_44261434	A	G	9	44261434	Ear, Kernel,or Cob Morphology
2227	AGP_SNP1457_S9_45193959	C	T	9	45193959	Ear, Kernel,or Cob Morphology
2228	AGP_SNP1458_S9_45273886	A	G	9	45273886	Ear, Kernel,or Cob Morphology
2229	AGP_SNP3672_S9_45350516	C	T	9	45350516	Polymorphic in Stiff Stalk Material
2230	AGP_SNP1459_S9_49342596	C	A	9	49342596	Ear, Kernel,or Cob Morphology
2231	AGP_SNP1460_S9_51560322	G	C	9	51560322	Ear, Kernel,or Cob Morphology
2232	AGP_SNP1461_S9_52535302	T	C	9	52535302	Ear, Kernel,or Cob Morphology
2233	AGP_SNP2143_S9_52817392	C	T	9	52817392	Ear, Kernel,or Cob Morphology
2234	AGP_SNP3677_S9_66111436	T	A	9	66111436	Polymorphic in Stiff Stalk Material
2235	AGP_SNP1463_S9_68785274	G	A	9	68785274	Ear, Kernel,or Cob Morphology
2236	AGP_SNP1464_S9_69024153	A	G	9	69024153	Ear, Kernel,or Cob Morphology
2237	AGP_SNP1465_S9_70377286	C	A	9	70377286	Ear, Kernel,or Cob Morphology
2238	AGP_SNP1466_S9_70877809	T	G	9	70877809	Ear, Kernel,or Cob Morphology

2239	AGP_SNP3679_S9_70878145	G	T	9	70878145	Polymorphic in Stiff Stalk Material
2240	AGP_SNP3680_S9_73101689	C	A	9	73101689	Polymorphic in Stiff Stalk Material
2241	AGP_SNP1467_S9_74125911	C	A	9	74125911	Ear, Kernel,or Cob Morphology
2242	AGP_SNP1468_S9_74128009	C	G	9	74128009	Ear, Kernel,or Cob Morphology
2243	AGP_SNP3682_S9_82307557	A	C	9	82307557	Polymorphic in Stiff Stalk Material
2244	AGP_SNP1471_S9_82881269	A	T	9	82881269	Ear, Kernel,or Cob Morphology
2245	AGP_SNP1472_S9_82881561	G	C	9	82881561	Ear, Kernel,or Cob Morphology
2246	AGP_SNP1473_S9_84920907	A	G	9	84920907	Ear, Kernel,or Cob Morphology
2247	AGP_SNP1474_S9_89588752	C	A	9	89588752	Grain Moisture
2248	AGP_SNP3684_S9_91992806	G	A	9	91992806	Polymorphic in Stiff Stalk Material
2249	AGP_SNP1476_S9_92794731	T	A	9	92794731	Ear, Kernel,or Cob Morphology
2250	AGP_SNP1477_S9_93159100	G	T	9	93159100	Ear, Kernel,or Cob Morphology
2251	AGP_SNP3685_S9_93918483	A	G	9	93918483	Polymorphic in Stiff Stalk Material
2252	AGP_SNP1478_S9_93980807	T	A	9	93980807	Tassel Architecture
2253	AGP_SNP3686_S9_96320344	T	C	9	96320344	Polymorphic in Stiff Stalk Material
2254	AGP_SNP1479_S9_96749966	G	T	9	96749966	Ear, Kernel,or Cob Morphology
2255	AGP_SNP1885_S9_98196670	G	A	9	98196670	Yield
2256	AGP_SNP3687_S9_98686714	T	C	9	98686714	Polymorphic in Stiff Stalk Material
2257	AGP_SNP3688_S9_99580960	C	T	9	99580960	Polymorphic in Stiff Stalk Material
2258	AGP_SNP1741_S9_100102144	G	T	9	100102144	Plant and Ear Height
2259	AGP_SNP1742_S9_100102169	T	C	9	100102169	Plant and Ear Height
2260	AGP_SNP1788_S9_100364660	C	T	9	100364660	Plant and Ear Height
2261	AGP_SNP1640_S9_100364745	G	A	9	100364745	Yield
2262	AGP_SNP1642_S9_100364763	A	G	9	100364763	Yield
2263	AGP_SNP1368_S9_101047446	T	C	9	101047446	Ear, Kernel,or Cob Morphology
2264	AGP_SNP3597_S9_101550215	A	G	9	101550215	Polymorphic in Stiff Stalk Material
2265	AGP_SNP3600_S9_106076196	C	T	9	106076196	Polymorphic in Stiff Stalk Material
2266	AGP_SNP1370_S9_106218142	T	C	9	106218142	Yield
2267	AGP_SNP3601_S9_108321858	C	G	9	108321858	Polymorphic in Stiff Stalk Material
2268	AGP_SNP2153_S9_108578090	A	G	9	108578090	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
2269	AGP_SNP3602_S9_108578128	C	T	9	108578128	Ear, Kernel,or Cob Morphology, Plant and Ear Height, Yield
2270	AGP_SNP1990_S9_111891095	T	C	9	111891095	Ear, Kernel,or Cob Morphology
2271	AGP_SNP3609_S9_115675404	C	T	9	115675404	Polymorphic in Stiff Stalk Material

2272	AGP_SNP3610_S9_116220024	G	A	9	116220024	Yield
2273	AGP_SNP1372_S9_117454544	C	T	9	117454544	Ear, Kernel,or Cob Morphology
2274	AGP_SNP3611_S9_117520388	G	T	9	117520388	Plant and Ear Height
2275	AGP_SNP3612_S9_118244797	A	G	9	118244797	Polymorphic in Stiff Stalk Material
2276	AGP_SNP3613_S9_122125436	T	C	9	122125436	Polymorphic in Stiff Stalk Material
2277	AGP_SNP3615_S9_124773786	G	A	9	124773786	Polymorphic in Stiff Stalk Material
2278	AGP_SNP3616_S9_126372054	T	G	9	126372054	Polymorphic in Stiff Stalk Material
2279	AGP_SNP1374_S9_126372093	A	G	9	126372093	Grain Moisture
2280	AGP_SNP1375_S9_126374267	T	G	9	126374267	Grain Moisture
2281	AGP_SNP1376_S9_127527339	C	A	9	127527339	Yield
2282	AGP_SNP1377_S9_127789201	G	C	9	127789201	Yield
2283	AGP_SNP1378_S9_127812853	A	G	9	127812853	Yield
2284	AGP_SNP1987_S9_128523910	C	T	9	128523910	Grain Moisture
2285	AGP_SNP1380_S9_129481422	G	T	9	129481422	Grain Moisture
2286	AGP_SNP3618_S9_129572300	G	A	9	129572300	Polymorphic in Stiff Stalk Material
2287	AGP_SNP1381_S9_129572647	C	T	9	129572647	Ear, Kernel,or Cob Morphology
2288	AGP_SNP1382_S9_129874362	T	C	9	129874362	Grain Moisture
2289	AGP_SNP3619_S9_131724992	C	T	9	131724992	Polymorphic in Stiff Stalk Material
2290	AGP_SNP1983_S9_133208756	C	T	9	133208756	Flowering Time
2291	AGP_SNP1888_S9_133319015	T	C	9	133319015	Flowering Time, Plant and Ear Height
2292	AGP_SNP1383_S9_133937404	G	C	9	133937404	Tassel Architecture
2293	AGP_SNP3621_S9_134231118	C	T	9	134231118	Plant and Ear Height, Yield
2294	AGP_SNP1384_S9_135072447	A	T	9	135072447	Tassel Architecture
2295	AGP_SNP1385_S9_135322027	A	G	9	135322027	Tassel Architecture
2296	AGP_SNP1386_S9_136741591	T	A	9	136741591	Ear, Kernel,or Cob Morphology
2297	AGP_SNP1387_S9_136741910	T	A	9	136741910	Ear, Kernel,or Cob Morphology
2298	AGP_SNP3631_S9_138760923	C	T	9	138760923	Polymorphic in Stiff Stalk Material
2299	AGP_SNP1388_S9_139489281	C	T	9	139489281	Ear, Kernel,or Cob Morphology
2300	AGP_SNP1389_S9_139489431	A	G	9	139489431	Ear, Kernel,or Cob Morphology
2301	AGP_SNP1390_S9_139874801	G	T	9	139874801	Ear, Kernel,or Cob Morphology
2302	AGP_SNP1391_S9_139876736	G	A	9	139876736	Ear, Kernel,or Cob Morphology
2303	AGP_SNP3633_S9_140350405	T	C	9	140350405	Polymorphic in Stiff Stalk Material
2304	AGP_SNP1392_S9_142328045	A	G	9	142328045	Tassel Architecture

2305	AGP_SNP1393_S9_142703131	A	G	9	142703131	Tassel Architecture
2306	AGP_SNP1394_S9_142999534	C	T	9	142999534	Tassel Architecture
2307	AGP_SNP1396_S9_143235225	A	G	9	143235225	Tassel Architecture
2308	AGP_SNP3635_S9_143822305	C	T	9	143822305	Polymorphic in Stiff Stalk Material
2309	AGP_SNP1680_S9_144225494	T	C	9	144225494	Flowering Time, Yield
2310	AGP_SNP3637_S9_144690039	C	A	9	144690039	Polymorphic in Stiff Stalk Material
2311	AGP_SNP1397_S9_144834531	A	G	9	144834531	Plant and Ear Height
2312	AGP_SNP1398_S9_144838478	C	T	9	144838478	Yield
2313	AGP_SNP1399_S9_144842802	T	A	9	144842802	Yield
2314	AGP_SNP1876_S9_144842900	A	G	9	144842900	Yield
2315	AGP_SNP1401_S9_145277076	A	G	9	145277076	Yield
2316	AGP_SNP1402_S9_145300797	A	G	9	145300797	Flowering Time
2317	AGP_SNP1403_S9_145300931	C	T	9	145300931	Flowering Time
2318	AGP_SNP3638_S9_145628125	A	G	9	145628125	Polymorphic in Stiff Stalk Material
2319	AGP_SNP1404_S9_145782578	A	G	9	145782578	Plant and Ear Height
2320	AGP_SNP1405_S9_145818801	C	T	9	145818801	Yield
2321	AGP_SNP2202_S9_145936254	C	G	9	145936254	Flowering Time
2322	AGP_SNP3641_S9_145938864	A	G	9	145938864	Flowering Time
2323	AGP_SNP3642_S9_146075109	G	A	9	146075109	Flowering Time
2324	AGP_SNP1722_S9_146075544	C	T	9	146075544	Ear, Kernel,or Cob Morphology, Grain Moisture, Plant and Ear Height
2325	AGP_SNP1406_S9_146123998	G	A	9	146123998	Plant and Ear Height
2326	AGP_SNP1407_S9_146131631	G	A	9	146131631	Yield
2327	AGP_SNP2037_S9_146460911	C	T	9	146460911	Plant and Ear Height
2328	AGP_SNP1408_S9_146582623	C	T	9	146582623	Yield
2329	AGP_SNP3644_S9_146910687	A	G	9	146910687	Polymorphic in Stiff Stalk Material
2330	AGP_SNP1409_S9_146910765	C	T	9	146910765	Yield
2331	AGP_SNP1410_S9_146916548	T	C	9	146916548	Yield
2332	AGP_SNP1411_S9_147969421	A	T	9	147969421	Plant and Ear Height
2333	AGP_SNP3646_S9_149520966	A	G	9	149520966	Polymorphic in Stiff Stalk Material
2334	AGP_SNP1413_S9_149709836	C	T	9	149709836	Plant and Ear Height
2335	AGP_SNP3648_S9_150739616	G	C	9	150739616	Polymorphic in Stiff Stalk Material
2336	AGP_SNP1414_S9_151108069	C	G	9	151108069	Ear, Kernel,or Cob Morphology
2337	AGP_SNP1651_S9_151588111	G	C	9	151588111	Plant and Ear Height

2338	AGP_SNP1415_S9_151732067	T	C	9	151732067	Disease Resistance
2339	AGP_SNP1416_S9_152064276	T	C	9	152064276	Disease Resistance
2340	AGP_SNP3649_S9_152100502	A	C	9	152100502	Polymorphic in Stiff Stalk Material
2341	AGP_SNP1417_S9_152231751	A	G	9	152231751	Disease Resistance
2342	AGP_SNP1419_S9_153224074	C	T	9	153224074	Plant and Ear Height
2343	AGP_SNP1420_S9_153224303	G	A	9	153224303	Flowering Time
2344	AGP_SNP3650_S9_153295416	G	A	9	153295416	Polymorphic in Stiff Stalk Material
2345	AGP_SNP1421_S9_153529263	C	T	9	153529263	Plant and Ear Height
2346	AGP_SNP2211_S9_153545049	G	A	9	153545049	Plant and Ear Height, Yield
2347	AGP_SNP3651_S9_153995457	G	A	9	153995457	Polymorphic in Stiff Stalk Material
2348	AGP_SNP1423_S9_154334776	C	T	9	154334776	Plant and Ear Height
2349	AGP_SNP3652_S9_154848234	A	G	9	154848234	Polymorphic in Stiff Stalk Material
2350	AGP_SNP1424_S9_155458600	C	T	9	155458600	Plant and Ear Height
2351	AGP_SNP1425_S9_155492839	C	T	9	155492839	Flowering Time
2352	AGP_SNP1426_S9_155493451	G	T	9	155493451	Flowering Time
2353	AGP_SNP1427_S9_155615428	G	A	9	155615428	Ear, Kernel, or Cob Morphology
2354	AGP_SNP1428_S9_155890855	C	A	9	155890855	Plant and Ear Height
2355	AGP_SNP3653_S9_155919344	T	C	9	155919344	Polymorphic in Stiff Stalk Material
2356	AGP_SNP1430_S9_156239817	C	G	9	156239817	Grain Moisture
2357	AGP_SNP2717_S10_134011	T	A	10	134011	Polymorphic in Stiff Stalk Material
2358	AGP_SNP1632_S10_576837	T	G	10	576837	Grain Moisture
2359	AGP_SNP0250_S10_579988	T	C	10	579988	Plant and Ear Height
2360	AGP_SNP2759_S10_666803	T	G	10	666803	Grain Moisture
2361	AGP_SNP2398_S10_1978209	G	A	10	1978209	Plant and Ear Height
2362	AGP_SNP2745_S10_1988995	A	G	10	1988995	Polymorphic in Stiff Stalk Material
2363	AGP_SNP2751_S10_3535567	T	C	10	3535567	Polymorphic in Stiff Stalk Material
2364	AGP_SNP2754_S10_4226386	A	G	10	4226386	Polymorphic in Stiff Stalk Material
2365	AGP_SNP1848_S10_4445207	C	T	10	4445207	Plant and Ear Height
2366	AGP_SNP0248_S10_4606827	T	G	10	4606827	Plant and Ear Height
2367	AGP_SNP2355_S10_5169537	T	C	10	5169537	Flowering Time
2368	AGP_SNP2356_S10_5169551	T	C	10	5169551	Flowering Time
2369	AGP_SNP2755_S10_5552202	G	A	10	5552202	Polymorphic in Stiff Stalk Material
2370	AGP_SNP2261_S10_7912828	G	C	10	7912828	Flowering Time

2371	AGP_SNP2764_S10_8170719	C	G	10	8170719	Flowering Time
2372	AGP_SNP2765_S10_8171508	G	C	10	8171508	Grain Moisture, Plant and Ear Height
2373	AGP_SNP2769_S10_8601736	T	C	10	8601736	Polymorphic in Stiff Stalk Material
2374	AGP_SNP2240_S10_9206258	T	C	10	9206258	Grain Moisture
2375	AGP_SNP2700_S10_10047198	T	C	10	10047198	Polymorphic in Stiff Stalk Material
2376	AGP_SNP1878_S10_11678939	T	G	10	11678939	Yield
2377	AGP_SNP2705_S10_11726830	C	A	10	11726830	Polymorphic in Stiff Stalk Material
2378	AGP_SNP0214_S10_13556481	C	T	10	13556481	Flowering Time
2379	AGP_SNP2733_S10_14895246	A	G	10	14895246	Polymorphic in Stiff Stalk Material
2380	AGP_SNP2744_S10_18758942	A	G	10	18758942	Polymorphic in Stiff Stalk Material
2381	AGP_SNP2746_S10_22620592	C	T	10	22620592	Polymorphic in Stiff Stalk Material
2382	AGP_SNP2748_S10_26017555	G	A	10	26017555	Polymorphic in Stiff Stalk Material
2383	AGP_SNP2749_S10_28099984	T	A	10	28099984	Polymorphic in Stiff Stalk Material
2384	AGP_SNP0246_S10_28131693	T	A	10	28131693	Plant and Ear Height
2385	AGP_SNP2750_S10_31496633	G	A	10	31496633	Polymorphic in Stiff Stalk Material
2386	AGP_SNP0247_S10_34329818	A	C	10	34329818	Ear, Kernel,or Cob Morphology
2387	AGP_SNP2752_S10_37516811	T	A	10	37516811	Polymorphic in Stiff Stalk Material
2388	AGP_SNP2753_S10_40701952	A	C	10	40701952	Polymorphic in Stiff Stalk Material
2389	AGP_SNP1726_S10_56375955	T	C	10	56375955	Grain Moisture
2390	AGP_SNP2756_S10_56393777	C	T	10	56393777	Polymorphic in Stiff Stalk Material
2391	AGP_SNP0249_S10_57753560	T	A	10	57753560	Plant and Ear Height
2392	AGP_SNP2757_S10_61534784	A	T	10	61534784	Polymorphic in Stiff Stalk Material
2393	AGP_SNP2760_S10_67411912	A	G	10	67411912	Polymorphic in Stiff Stalk Material
2394	AGP_SNP2761_S10_76948320	C	G	10	76948320	Polymorphic in Stiff Stalk Material
2395	AGP_SNP0251_S10_77741095	C	A	10	77741095	Plant and Ear Height
2396	AGP_SNP0252_S10_78957271	T	C	10	78957271	Plant and Ear Height
2397	AGP_SNP2762_S10_78957561	G	A	10	78957561	Polymorphic in Stiff Stalk Material
2398	AGP_SNP0254_S10_78959506	G	A	10	78959506	Ear, Kernel,or Cob Morphology
2399	AGP_SNP0255_S10_78959606	T	C	10	78959606	Ear, Kernel,or Cob Morphology
2400	AGP_SNP0257_S10_78960438	C	T	10	78960438	Ear, Kernel,or Cob Morphology
2401	AGP_SNP0258_S10_78966389	G	C	10	78966389	Ear, Kernel,or Cob Morphology
2402	AGP_SNP0259_S10_80715492	T	G	10	80715492	Ear, Kernel,or Cob Morphology
2403	AGP_SNP2763_S10_81354226	A	G	10	81354226	Polymorphic in Stiff Stalk Material

2404	AGP_SNP0260_S10_81691323	T	C	10	81691323	Plant and Ear Height
2405	AGP_SNP0263_S10_82019011	C	G	10	82019011	Tassel Architecture
2406	AGP_SNP2767_S10_82716736	C	T	10	82716736	Polymorphic in Stiff Stalk Material
2407	AGP_SNP0264_S10_83314593	C	A	10	83314593	Tassel Architecture
2408	AGP_SNP2768_S10_85196318	G	A	10	85196318	Polymorphic in Stiff Stalk Material
2409	AGP_SNP0265_S10_85755281	T	C	10	85755281	Tassel Architecture
2410	AGP_SNP2770_S10_86710839	G	A	10	86710839	Polymorphic in Stiff Stalk Material
2411	AGP_SNP2771_S10_88793097	G	A	10	88793097	Polymorphic in Stiff Stalk Material
2412	AGP_SNP2772_S10_90419375	C	T	10	90419375	Polymorphic in Stiff Stalk Material
2413	AGP_SNP2773_S10_97106903	C	A	10	97106903	Polymorphic in Stiff Stalk Material
2414	AGP_SNP1794_S10_10170394	A	G	10	10170394	Plant and Ear Height
2415	AGP_SNP2701_S10_10223472	T	A	10	10223472	Polymorphic in Stiff Stalk Material
2416	AGP_SNP2702_S10_10967352	C	G	10	10967352	Polymorphic in Stiff Stalk Material
2417	AGP_SNP0211_S10_11077717	T	C	10	11077717	Tassel Architecture
2418	AGP_SNP0212_S10_11077739	A	C	10	11077739	Tassel Architecture
2419	AGP_SNP2094_S10_11149169	T	C	10	11149169	Flowering Time
2420	AGP_SNP2703_S10_11258361	C	A	10	11258361	Polymorphic in Stiff Stalk Material
2421	AGP_SNP2704_S10_11499635	A	G	10	11499635	Polymorphic in Stiff Stalk Material
2422	AGP_SNP0213_S10_11632878	T	C	10	11632878	Flowering Time
2423	AGP_SNP1608_S10_11663140	G	A	10	11663140	Grain Moisture
2424	AGP_SNP2706_S10_11738040	G	A	10	11738040	Polymorphic in Stiff Stalk Material
2425	AGP_SNP2707_S10_12017796	T	C	10	12017796	Polymorphic in Stiff Stalk Material
2426	AGP_SNP2708_S10_12406207	G	A	10	12406207	Polymorphic in Stiff Stalk Material
2427	AGP_SNP2709_S10_12676734	C	G	10	12676734	Polymorphic in Stiff Stalk Material
2428	AGP_SNP2710_S10_12772161	T	A	10	12772161	Polymorphic in Stiff Stalk Material
2429	AGP_SNP2711_S10_12880441	T	C	10	12880441	Polymorphic in Stiff Stalk Material
2430	AGP_SNP2712_S10_12976609	G	A	10	12976609	Polymorphic in Stiff Stalk Material
2431	AGP_SNP2714_S10_13090767	T	G	10	13090767	Polymorphic in Stiff Stalk Material
2432	AGP_SNP2715_S10_13179144	T	C	10	13179144	Polymorphic in Stiff Stalk Material
2433	AGP_SNP1544_S10_13206928	G	A	10	13206928	Flowering Time
2434	AGP_SNP2716_S10_13306162	G	C	10	13306162	Polymorphic in Stiff Stalk Material
2435	AGP_SNP1948_S10_13459503	G	A	10	13459503	Yield
2436	AGP_SNP2718_S10_13479857	G	A	10	13479857	Polymorphic in Stiff Stalk Material

2437	AGP_SNP2021_S10_13552452	G	A	10	135524521	Yield
2438	AGP_SNP0215_S10_13586884	C	G	10	135868847	Other
2439	AGP_SNP2719_S10_13589733	T	C	10	135897338	Polymorphic in Stiff Stalk Material
2440	AGP_SNP0216_S10_13634025	A	G	10	136340251	Grain Moisture
2441	AGP_SNP0217_S10_13647619	T	A	10	136476190	Flowering Time
2442	AGP_SNP0218_S10_13648294	C	T	10	136482943	Flowering Time
2443	AGP_SNP0219_S10_13669361	A	C	10	136693613	Grain Moisture
2444	AGP_SNP2720_S10_13695702	C	T	10	136957021	Polymorphic in Stiff Stalk Material
2445	AGP_SNP0220_S10_13742202	C	T	10	137422024	Grain Moisture
2446	AGP_SNP2721_S10_13762384	C	T	10	137623845	Polymorphic in Stiff Stalk Material
2447	AGP_SNP0221_S10_13891596	C	G	10	138915965	Ear, Kernel,or Cob Morphology
2448	AGP_SNP2722_S10_13891614	T	G	10	138916149	Polymorphic in Stiff Stalk Material
2449	AGP_SNP0222_S10_13994286	C	A	10	139942865	Ear, Kernel,or Cob Morphology
2450	AGP_SNP0223_S10_13994333	T	A	10	139943338	Flowering Time
2451	AGP_SNP2723_S10_14032082	T	C	10	140320829	Polymorphic in Stiff Stalk Material
2452	AGP_SNP2724_S10_14092992	C	T	10	140929929	Polymorphic in Stiff Stalk Material
2453	AGP_SNP1489_S10_14176235	G	T	10	141762354	Yield
2454	AGP_SNP2725_S10_14201890	A	C	10	142018900	Polymorphic in Stiff Stalk Material
2455	AGP_SNP1626_S10_14318586	G	A	10	143185867	Yield
2456	AGP_SNP1627_S10_14318587	T	A	10	143185873	Yield
2457	AGP_SNP2727_S10_14422445	A	G	10	144224453	Polymorphic in Stiff Stalk Material
2458	AGP_SNP0225_S10_14511271	T	C	10	145112713	Ear, Kernel,or Cob Morphology
2459	AGP_SNP0226_S10_14558855	G	A	10	145588552	Ear, Kernel,or Cob Morphology
2460	AGP_SNP0227_S10_14560792	G	T	10	145607925	Tassel Architecture
2461	AGP_SNP2729_S10_14583721	T	A	10	145837219	Polymorphic in Stiff Stalk Material
2462	AGP_SNP0229_S10_14587169	G	A	10	145871698	Yield
2463	AGP_SNP0230_S10_14587551	T	C	10	145875510	Ear, Kernel,or Cob Morphology
2464	AGP_SNP2315_S10_14690476	T	C	10	146904768	Grain Moisture
2465	AGP_SNP2730_S10_14691685	T	A	10	146916853	Polymorphic in Stiff Stalk Material
2466	AGP_SNP2731_S10_14692855	G	A	10	146928552	Grain Moisture
2467	AGP_SNP0231_S10_14717378	C	T	10	147173783	Ear, Kernel,or Cob Morphology
2468	AGP_SNP1609_S10_14728247	G	A	10	147282479	Yield
2469	AGP_SNP1555_S10_14728249	G	A	10	147282490	Yield

2470	AGP_SNP0232_S10_14735217	A	T	10	147352179	Ear, Kernel,or Cob Morphology
2471	AGP_SNP0233_S10_14827218	T	A	10	148272189	Flowering Time
2472	AGP_SNP2732_S10_14833067	C	T	10	148330673	Polymorphic in Stiff Stalk Material
2473	AGP_SNP0234_S10_14851071	A	T	10	148510710	Grain Moisture
2474	AGP_SNP0235_S10_14851107	C	T	10	148511076	Grain Moisture
2475	AGP_SNP2734_S10_14925904	A	G	10	149259041	Polymorphic in Stiff Stalk Material
2476	AGP_SNP0236_S10_14929893	G	C	10	149298931	Ear, Kernel,or Cob Morphology
2477	AGP_SNP2293_S10_14939436	A	G	10	149394364	Flowering Time
2478	AGP_SNP2162_S10_14947447	G	A	10	149474479	Flowering Time
2479	AGP_SNP2736_S10_14950857	C	T	10	149508570	Flowering Time, Plant and Ear Height
2480	AGP_SNP2739_S10_14964724	C	T	10	149647241	Polymorphic in Stiff Stalk Material
2481	AGP_SNP2340_S10_14971780	T	C	10	149717807	Yield
2482	AGP_SNP0238_S10_14985110	A	G	10	149851103	Flowering Time
2483	AGP_SNP0239_S10_14986572	T	G	10	149865723	Flowering Time
2484	AGP_SNP2740_S10_15035113	C	A	10	150351135	Polymorphic in Stiff Stalk Material
2485	AGP_SNP0241_S10_15064616	T	G	10	150646162	Plant and Ear Height
2486	AGP_SNP0242_S10_15065279	C	T	10	150652792	Ear, Kernel,or Cob Morphology
2487	AGP_SNP2741_S10_15071196	G	A	10	150711963	Polymorphic in Stiff Stalk Material
2488	AGP_SNP0243_S10_15073325	C	A	10	150733250	Yield
2489	AGP_SNP0244_S10_15104597	T	G	10	151045975	Yield
2490	AGP_SNP2743_S10_15115775	C	G	10	151157757	Polymorphic in Stiff Stalk Material