

## Appendix A

### Soybean Community PlexSeq SNP Panel SNP List

<b>Color Key:</b>	<b>Genomic Screen</b>
	<b>Trait Markers</b>

Sort Order	SNP	Chrom.	Position	Other SNP INFO
1	BARC_1_01_Gm01_138835_A_G	Gm1	138835_A_G	Genomic Screen
2	BARC_1_01_Gm01_510342_G_A	Gm1	510342_G_A	Genomic Screen
3	BARC_1_01_Gm01_1059407_T_C	Gm1	1059407_T_C	Genomic Screen
4	BARC_1_01_Gm01_1502816_G_A	Gm1	1502816_G_A	Genomic Screen
5	BARC_1_01_Gm01_2267573_T_C	Gm1	2267573_T_C	Genomic Screen
6	BARC_1_01_Gm01_2813785_C_T	Gm1	2813785_C_T	Genomic Screen
7	BARC_1_01_Gm01_3585713_C_A	Gm1	3585713_C_A	Genomic Screen
8	BARC_1_01_Gm01_3638269_G_A	Gm1	3638269_G_A	Genomic Screen
9	BARC_1_01_Gm01_3832790_G_T	Gm1	3832790_G_T	Genomic Screen
10	BARC_1_01_Gm01_4021131_A_G	Gm1	4021131_A_G	Genomic Screen
11	BARC_1_01_Gm01_4642545_A_G	Gm1	4642545_A_G	Genomic Screen
12	BARC_1_01_Gm01_4912239_G_A	Gm1	4912239_G_A	Genomic Screen
13	BARC_1_01_Gm01_5159361_A_G	Gm1	5159361_A_G	Genomic Screen
14	BARC_1_01_Gm01_5936538_C_T	Gm1	5936538_C_T	Genomic Screen
15	BARC_1_01_Gm01_8484147_T_C	Gm1	8484147_T_C	Genomic Screen
16	BARC_1_01_Gm01_11835461_T_C	Gm1	11835461_T_C	Genomic Screen
17	BARC_1_01_Gm01_14097047_T_C	Gm1	14097047_T_C	Genomic Screen

18	BARC_1_01_Gm01_15851740_A_C	Gm1	15851740_A_C	Genomic Screen
19	BARC_1_01_Gm01_16388569_G_A	Gm1	16388569_G_A	Genomic Screen
20	BARC_1_01_Gm01_29169958_A_G	Gm1	29169958_A_G	Genomic Screen
21	BARC_1_01_Gm01_30080907_T_C	Gm1	30080907_T_C	Genomic Screen
22	BARC_1_01_Gm01_31506268_T_C	Gm1	31506268_T_C	Genomic Screen
23	BARC_1_01_Gm01_35448254_C_T	Gm1	35448254_C_T	Genomic Screen
24	BARC_1_01_Gm01_35840821_A_G	Gm1	35840821_A_G	Genomic Screen
25	BARC_1_01_Gm01_36393636_C_T	Gm1	36393636_C_T	Genomic Screen
26	BARC_1_01_Gm01_37767294_A_G	Gm1	37767294_A_G	Genomic Screen
27	BARC_1_01_Gm01_38661096_A_G	Gm1	38661096_A_G	Genomic Screen
28	BARC_1_01_Gm01_39561856_T_C	Gm1	39561856_T_C	Genomic Screen
29	BARC_1_01_Gm01_40455897_T_C	Gm1	40455897_T_C	Genomic Screen
30	BARC_1_01_Gm01_41604325_A_G	Gm1	41604325_A_G	Genomic Screen
31	BARC_1_01_Gm01_42468038_A_C	Gm1	42468038_A_C	Genomic Screen
32	BARC_1_01_Gm01_42848317_T_G	Gm1	42848317_T_G	Genomic Screen
33	BARC_1_01_Gm01_43413943_T_C	Gm1	43413943_T_C	Genomic Screen
34	BARC_1_01_Gm01_44304195_T_C	Gm1	44304195_T_C	Genomic Screen
35	BARC_1_01_Gm01_44790492_G_A	Gm1	44790492_G_A	Genomic Screen
36	BARC_1_01_Gm01_45975397_C_T	Gm1	45975397_C_T	Genomic Screen
37	BARC_1_01_Gm01_46545441_G_A	Gm1	46545441_G_A	Genomic Screen
38	BARC_1_01_Gm01_46672210_C_A	Gm1	46672210_C_A	Genomic Screen
39	BARC_1_01_Gm01_47130768_A_G	Gm1	47130768_A_G	Genomic Screen
40	BARC_1_01_Gm01_47734651_C_A	Gm1	47734651_C_A	Genomic Screen
41	BARC_1_01_Gm01_48057519_A_G	Gm1	48057519_A_G	Genomic Screen

42	BARC_1_01_Gm01_48222840_C_T	Gm1	48222840_C_T	Genomic Screen
43	BARC_1_01_Gm01_48306028_T_C	Gm1	48306028_T_C	Genomic Screen
44	BARC_1_01_Gm01_48860794_C_T	Gm1	48860794_C_T	Genomic Screen
45	BARC_1_01_Gm01_49412063_T_G	Gm1	49412063_T_G	Genomic Screen
46	BARC_1_01_Gm01_49687691_C_T	Gm1	49687691_C_T	Genomic Screen
47	BARC_1_01_Gm01_50035662_A_C	Gm1	50035662_A_C	Genomic Screen
48	BARC_1_01_Gm01_50262496_T_C	Gm1	50262496_T_C	Genomic Screen
49	BARC_1_01_Gm01_50889550_T_C	Gm1	50889550_T_C	Genomic Screen
50	BARC_1_01_Gm01_51376821_C_A	Gm1	51376821_C_A	Genomic Screen
51	BARC_1_01_Gm01_51636488_G_A	Gm1	51636488_G_A	Genomic Screen
52	BARC_1_01_Gm01_51890126_A_G	Gm1	51890126_A_G	Genomic Screen
53	BARC_1_01_Gm01_52642507_T_G	Gm1	52642507_T_G	Genomic Screen
54	BARC_1_01_Gm01_52887948_A_G	Gm1	52887948_A_G	Genomic Screen
55	BARC_1_01_Gm01_53242363_T_G	Gm1	53242363_T_G	Genomic Screen
56	BARC_1_01_Gm01_53900971_G_A	Gm1	53900971_G_A	Genomic Screen
57	BARC_1_01_Gm01_54025362_C_T	Gm1	54025362_C_T	Genomic Screen
58	BARC_1_01_Gm01_54220674_T_C	Gm1	54220674_T_C	Genomic Screen
59	BARC_1_01_Gm01_54285824_G_A	Gm1	54285824_G_A	Genomic Screen
60	BARC_1_01_Gm01_54521885_T_C	Gm1	54521885_T_C	Genomic Screen
61	BARC_1_01_Gm01_54932021_T_G	Gm1	54932021_T_G	Genomic Screen
62	BARC_1_01_Gm01_55789200_A_C	Gm1	55789200_A_C	Genomic Screen
63	BARC_1_01_Gm02_51238_A_G	Gm2	51238_A_G	Genomic Screen
64	BARC_1_01_Gm02_269063_A_C	Gm2	269063_A_C	Genomic Screen
65	BARC_1_01_Gm02_504059_C_A	Gm2	504059_C_A	Genomic Screen

66	BARC_1_01_Gm02_1033642_T_C	Gm2	1033642_T_C	Genomic Screen
67	BARC_1_01_Gm02_1878469_A_G	Gm2	1878469_A_G	Genomic Screen
68	BARC_1_01_Gm02_2246479_A_G	Gm2	2246479_A_G	Genomic Screen
69	BARC_1_01_Gm02_2920341_C_T	Gm2	2920341_C_T	Genomic Screen
70	BARC_1_01_Gm02_3429963_G_A	Gm2	3429963_G_A	Genomic Screen
71	BARC_1_01_Gm02_3835570_T_C	Gm2	3835570_T_C	Genomic Screen
72	BARC_1_01_Gm02_4283009_G_A	Gm2	4283009_G_A	Genomic Screen
73	BARC_1_01_Gm02_4430768_C_T	Gm2	4430768_C_T	Genomic Screen
74	BARC_1_01_Gm02_4909353_C_T	Gm2	4909353_C_T	Genomic Screen
75	BARC_1_01_Gm02_5343214_T_C	Gm2	5343214_T_C	Genomic Screen
76	BARC_1_01_Gm02_5640246_C_A	Gm2	5640246_C_A	Genomic Screen
77	BARC_1_01_Gm02_6225129_T_G	Gm2	6225129_T_G	Genomic Screen
78	BARC_1_01_Gm02_6734421_T_C	Gm2	6734421_T_C	Genomic Screen
79	BARC_1_01_Gm02_6971683_T_C	Gm2	6971683_T_C	Genomic Screen
80	BARC_1_01_Gm02_7267240_T_G	Gm2	7267240_T_G	Genomic Screen
81	BARC_1_01_Gm02_7987834_A_G	Gm2	7987834_A_G	Genomic Screen
82	BARC_1_01_Gm02_8273157_G_A	Gm2	8273157_G_A	Genomic Screen
83	BARC_1_01_Gm02_8807595_T_C	Gm2	8807595_T_C	Genomic Screen
84	BARC_1_01_Gm02_9025221_T_C	Gm2	9025221_T_C	Genomic Screen
85	BARC_1_01_Gm02_9177001_G_A	Gm2	9177001_G_A	Genomic Screen
86	BARC_1_01_Gm02_9289865_C_T	Gm2	9289865_C_T	Genomic Screen
87	BARC_1_01_Gm02_9795247_C_T	Gm2	9795247_C_T	Genomic Screen
88	BARC_1_01_Gm02_10241719_A_G	Gm2	10241719_A_G	Genomic Screen
89	BARC_1_01_Gm02_10810984_G_A	Gm2	10810984_G_A	Genomic Screen

90	BARC_1_01_Gm02_11638087_T_C	Gm2	11638087_T_C	Genomic Screen
91	BARC_1_01_Gm02_12303360_T_G	Gm2	12303360_T_G	Genomic Screen
92	BARC_1_01_Gm02_13117615_T_C	Gm2	13117615_T_C	Genomic Screen
93	BARC_1_01_Gm02_13476678_G_A	Gm2	13476678_G_A	Genomic Screen
94	BARC_1_01_Gm02_18273334_A_G	Gm2	18273334_A_G	Genomic Screen
95	BARC_1_01_Gm02_19218365_T_C	Gm2	19218365_T_C	Genomic Screen
96	BARC_1_01_Gm02_20197918_A_C	Gm2	20197918_A_C	Genomic Screen
97	BARC_1_01_Gm02_21065065_T_C	Gm2	21065065_T_C	Genomic Screen
98	BARC_1_01_Gm02_22829006_T_C	Gm2	22829006_T_C	Genomic Screen
99	BARC_1_01_Gm02_26699210_A_G	Gm2	26699210_A_G	Genomic Screen
100	BARC_1_01_Gm02_27824060_T_G	Gm2	27824060_T_G	Genomic Screen
101	BARC_1_01_Gm02_28331531_C_A	Gm2	28331531_C_A	Genomic Screen
102	BARC_1_01_Gm02_29528097_T_C	Gm2	29528097_T_C	Genomic Screen
103	BARC_1_01_Gm02_30996860_A_G	Gm2	30996860_A_G	Genomic Screen
104	BARC_1_01_Gm02_32346915_G_A	Gm2	32346915_G_A	Genomic Screen
105	BARC_1_01_Gm02_32880763_C_T	Gm2	32880763_C_T	Genomic Screen
106	BARC_1_01_Gm02_33608259_T_C	Gm2	33608259_T_C	Genomic Screen
107	BARC_1_01_Gm02_34381583_T_C	Gm2	34381583_T_C	Genomic Screen
108	BARC_1_01_Gm02_34765594_A_G	Gm2	34765594_A_G	Genomic Screen
109	BARC_1_01_Gm02_36300454_T_C	Gm2	36300454_T_C	Genomic Screen
110	BARC_1_01_Gm02_37441958_T_C	Gm2	37441958_T_C	Genomic Screen
111	BARC_1_01_Gm02_38261529_G_A	Gm2	38261529_G_A	Genomic Screen
112	BARC_1_01_Gm02_39299266_A_G	Gm2	39299266_A_G	Genomic Screen
113	BARC_1_01_Gm02_39548191_C_A	Gm2	39548191_C_A	Genomic Screen

114	BARC_1_01_Gm02_40019470_G_A	Gm2	40019470_G_A	Genomic Screen
115	BARC_1_01_Gm02_40709810_G_A	Gm2	40709810_G_A	Genomic Screen
116	BARC_1_01_Gm02_41021889_G_T	Gm2	41021889_G_T	Genomic Screen
117	BARC_1_01_Gm02_41505846_A_G	Gm2	41505846_A_G	Genomic Screen
118	BARC_1_01_Gm02_41931129_T_G	Gm2	41931129_T_G	Genomic Screen
119	BARC_1_01_Gm02_42404873_T_C	Gm2	42404873_T_C	Genomic Screen
120	BARC_1_01_Gm02_42650889_T_C	Gm2	42650889_T_C	Genomic Screen
121	BARC_1_01_Gm02_42788887_A_G	Gm2	42788887_A_G	Genomic Screen
122	BARC_1_01_Gm02_42928916_T_C	Gm2	42928916_T_C	Genomic Screen
123	BARC_1_01_Gm02_43139891_G_A	Gm2	43139891_G_A	Genomic Screen
124	BARC_1_01_Gm02_43725963_A_G	Gm2	43725963_A_G	Genomic Screen
125	BARC_1_01_Gm02_43952429_A_G	Gm2	43952429_A_G	Genomic Screen
126	BARC_1_01_Gm02_44156636_G_T	Gm2	44156636_G_T	Genomic Screen
127	BARC_1_01_Gm02_44256235_A_G	Gm2	44256235_A_G	Genomic Screen
128	BARC_1_01_Gm02_44354376_T_C	Gm2	44354376_T_C	Genomic Screen
129	BARC_1_01_Gm02_45183828_C_T	Gm2	45183828_C_T	Genomic Screen
130	BARC_1_01_Gm02_45445720_T_C	Gm2	45445720_T_C	Genomic Screen
131	BARC_1_01_Gm02_45602331_C_T	Gm2	45602331_C_T	Genomic Screen
132	BARC_1_01_Gm02_46060359_C_A	Gm2	46060359_C_A	Genomic Screen
133	BARC_1_01_Gm02_46504621_T_C	Gm2	46504621_T_C	Genomic Screen
134	BARC_1_01_Gm02_47051470_C_T	Gm2	47051470_C_T	Genomic Screen
135	BARC_1_01_Gm02_47528737_C_T	Gm2	47528737_C_T	Genomic Screen
136	BARC_1_01_Gm02_48594877_C_T	Gm2	48594877_C_T	Genomic Screen
137	BARC_1_01_Gm02_48874048_G_A	Gm2	48874048_G_A	Genomic Screen

138	BARC_1_01_Gm02_49679631_A_G	Gm2	49679631_A_G	Genomic Screen
139	BARC_1_01_Gm02_50304676_T_C	Gm2	50304676_T_C	Genomic Screen
140	BARC_1_01_Gm02_50383419_C_T	Gm2	50383419_C_T	Genomic Screen
141	BARC_1_01_Gm02_50546149_C_T	Gm2	50546149_C_T	Genomic Screen
142	BARC_1_01_Gm02_50710552_G_A	Gm2	50710552_G_A	Genomic Screen
143	BARC_1_01_Gm02_50936574_G_T	Gm2	50936574_G_T	Genomic Screen
144	BARC_1_01_Gm02_51154756_C_T	Gm2	51154756_C_T	Genomic Screen
145	BARC_1_01_Gm02_51272051_C_A	Gm2	51272051_C_A	Genomic Screen
146	BARC_1_01_Gm02_51411364_G_A	Gm2	51411364_G_A	Genomic Screen
147	BARC_1_01_Gm02_51429037_T_C	Gm2	51429037_T_C	Genomic Screen
148	BARC_1_01_Gm03_168228_A_G	Gm3	168228_A_G	Genomic Screen
149	BARC_1_01_Gm03_241447_C_A	Gm3	241447_C_A	Genomic Screen
150	BARC_1_01_Gm03_426154_C_A	Gm3	426154_C_A	Genomic Screen
151	BARC_1_01_Gm03_1077329_C_T	Gm3	1077329_C_T	Genomic Screen
152	BARC_1_01_Gm03_1209205_G_T	Gm3	1209205_G_T	Genomic Screen
153	BARC_1_01_Gm03_2224975_G_A	Gm3	2224975_G_A	Genomic Screen
154	BARC_1_01_Gm03_2818076_T_C	Gm3	2818076_T_C	Genomic Screen
155	BARC_1_01_Gm03_3365988_T_G	Gm3	3365988_T_G	Genomic Screen
156	BARC_1_01_Gm03_3828735_G_A	Gm3	3828735_G_A	Genomic Screen
157	BARC_1_01_Gm03_9104329_A_G	Gm3	9104329_A_G	Genomic Screen
158	BARC_1_01_Gm03_9789580_G_T	Gm3	9789580_G_T	Genomic Screen
159	BARC_1_01_Gm03_10408873_C_T	Gm3	10408873_C_T	Genomic Screen
160	BARC_1_01_Gm03_10982565_T_C	Gm3	10982565_T_C	Genomic Screen
161	BARC_1_01_Gm03_12163115_T_G	Gm3	12163115_T_G	Genomic Screen

162	BARC_1_01_Gm03_14228358_T_C	Gm3	14228358_T_C	Genomic Screen
163	BARC_1_01_Gm03_15615896_C_T	Gm3	15615896_C_T	Genomic Screen
164	BARC_1_01_Gm03_16281390_A_G	Gm3	16281390_A_G	Genomic Screen
165	BARC_1_01_Gm03_18254831_C_T	Gm3	18254831_C_T	Genomic Screen
166	BARC_1_01_Gm03_22189671_C_T	Gm3	22189671_C_T	Genomic Screen
167	BARC_1_01_Gm03_22371830_G_A	Gm3	22371830_G_A	Genomic Screen
168	BARC_1_01_Gm03_25818759_T_C	Gm3	25818759_T_C	Genomic Screen
169	BARC_1_01_Gm03_30647053_T_C	Gm3	30647053_T_C	Genomic Screen
170	BARC_1_01_Gm03_30955790_A_G	Gm3	30955790_A_G	Genomic Screen
171	BARC_1_01_Gm03_35330372_G_T	Gm3	35330372_G_T	Genomic Screen
172	BARC_1_01_Gm03_35712315_A_G	Gm3	35712315_A_G	Genomic Screen
173	BARC_1_01_Gm03_36058927_T_C	Gm3	36058927_T_C	Genomic Screen
174	BARC_1_01_Gm03_36178327_G_A	Gm3	36178327_G_A	Genomic Screen
175	BARC_1_01_Gm03_36386316_G_A	Gm3	36386316_G_A	Genomic Screen
176	BARC_1_01_Gm03_36714581_T_C	Gm3	36714581_T_C	Genomic Screen
177	BARC_1_01_Gm03_37286104_T_C	Gm3	37286104_T_C	Genomic Screen
178	BARC_1_01_Gm03_37534583_G_A	Gm3	37534583_G_A	Genomic Screen
179	BARC_1_01_Gm03_38173815_A_C	Gm3	38173815_A_C	Genomic Screen
180	BARC_1_01_Gm03_39574966_T_C	Gm3	39574966_T_C	Genomic Screen
181	BARC_1_01_Gm03_39915523_C_T	Gm3	39915523_C_T	Genomic Screen
182	BARC_1_01_Gm03_40452899_C_A	Gm3	40452899_C_A	Genomic Screen
183	BARC_1_01_Gm03_40600088_A_G	Gm3	40600088_A_G	Genomic Screen
184	BARC_1_01_Gm03_40768058_C_A	Gm3	40768058_C_A	Genomic Screen
185	BARC_1_01_Gm03_41228284_A_G	Gm3	41228284_A_G	Genomic Screen



186	BARC_1_01_Gm03_41305199_G_A	Gm3	41305199_G_A	Genomic Screen
187	BARC_1_01_Gm03_41605831_A_C	Gm3	41605831_A_C	Genomic Screen
188	BARC_1_01_Gm03_42148379_T_G	Gm3	42148379_T_G	Genomic Screen
189	BARC_1_01_Gm03_42595334_T_C	Gm3	42595334_T_C	Genomic Screen
190	BARC_1_01_Gm03_43504459_G_A	Gm3	43504459_G_A	Genomic Screen
191	BARC_1_01_Gm03_43525455_A_G	Gm3	43525455_A_G	Genomic Screen
192	BARC_1_01_Gm03_43819565_C_A	Gm3	43819565_C_A	Genomic Screen
193	BARC_1_01_Gm03_44475419_C_A	Gm3	44475419_C_A	Genomic Screen
194	BARC_1_01_Gm03_44834109_G_A	Gm3	44834109_G_A	Genomic Screen
195	BARC_1_01_Gm03_44992819_A_G	Gm3	44992819_A_G	Genomic Screen
196	BARC_1_01_Gm03_45416367_C_T	Gm3	45416367_C_T	Genomic Screen
197	BARC_1_01_Gm03_46096566_A_G	Gm3	46096566_A_G	Genomic Screen
198	BARC_1_01_Gm03_46214163_C_T	Gm3	46214163_C_T	Genomic Screen
199	BARC_1_01_Gm03_46508111_A_C	Gm3	46508111_A_C	Genomic Screen
200	BARC_1_01_Gm03_47039930_T_C	Gm3	47039930_T_C	Genomic Screen
201	BARC_1_01_Gm03_47320906_C_T	Gm3	47320906_C_T	Genomic Screen
202	BARC_1_01_Gm04_10805_T_C	Gm4	10805_T_C	Genomic Screen
203	BARC_1_01_Gm04_516796_A_G	Gm4	516796_A_G	Genomic Screen
204	BARC_1_01_Gm04_972585_C_A	Gm4	972585_C_A	Genomic Screen
205	BARC_1_01_Gm04_1895163_T_C	Gm4	1895163_T_C	Genomic Screen
206	BARC_1_01_Gm04_2045637_T_C	Gm4	2045637_T_C	Genomic Screen
207	BARC_1_01_Gm04_2237308_T_C	Gm4	2237308_T_C	Genomic Screen
208	BARC_1_01_Gm04_2365466_G_T	Gm4	2365466_G_T	Genomic Screen
209	BARC_1_01_Gm04_2574201_T_G	Gm4	2574201_T_G	Genomic Screen

210	BARC_1_01_Gm04_2794768_T_C	Gm4	2794768_T_C	Genomic Screen
211	BARC_1_01_Gm04_3401641_G_A	Gm4	3401641_G_A	Genomic Screen
212	BARC_1_01_Gm04_3996191_C_T	Gm4	3996191_C_T	Genomic Screen
213	BARC_1_01_Gm04_4722052_T_C	Gm4	4722052_T_C	Genomic Screen
214	BARC_1_01_Gm04_5750694_G_A	Gm4	5750694_G_A	Genomic Screen
215	BARC_1_01_Gm04_6949955_C_A	Gm4	6949955_C_A	Genomic Screen
216	BARC_1_01_Gm04_7436164_T_C	Gm4	7436164_T_C	Genomic Screen
217	BARC_1_01_Gm04_7672403_A_G	Gm4	7672403_A_G	Genomic Screen
218	BARC_1_01_Gm04_8004029_C_A	Gm4	8004029_C_A	Genomic Screen
219	BARC_1_01_Gm04_8375095_T_C	Gm4	8375095_T_C	Genomic Screen
220	BARC_1_01_Gm04_8493767_T_C	Gm4	8493767_T_C	Genomic Screen
221	BARC_1_01_Gm04_8760004_T_G	Gm4	8760004_T_G	Genomic Screen
222	BARC_1_01_Gm04_8937855_A_G	Gm4	8937855_A_G	Genomic Screen
223	BARC_1_01_Gm04_9334751_T_C	Gm4	9334751_T_C	Genomic Screen
224	BARC_1_01_Gm04_10868076_G_A	Gm4	10868076_G_A	Genomic Screen
225	BARC_1_01_Gm04_11936288_G_T	Gm4	11936288_G_T	Genomic Screen
226	BARC_1_01_Gm04_12216645_G_A	Gm4	12216645_G_A	Genomic Screen
227	BARC_1_01_Gm04_12410533_A_G	Gm4	12410533_A_G	Genomic Screen
228	BARC_1_01_Gm04_13022455_C_T	Gm4	13022455_C_T	Genomic Screen
229	BARC_1_01_Gm04_13509340_T_C	Gm4	13509340_T_C	Genomic Screen
230	BARC_1_01_Gm04_14549891_C_T	Gm4	14549891_C_T	Genomic Screen
231	BARC_1_01_Gm04_16244996_G_A	Gm4	16244996_G_A	Genomic Screen
232	BARC_1_01_Gm04_16476066_C_T	Gm4	16476066_C_T	Genomic Screen
233	BARC_1_01_Gm04_18000454_A_C	Gm4	18000454_A_C	Genomic Screen

234	BARC_1_01_Gm04_18924971_G_T	Gm4	18924971_G_T	Genomic Screen
235	BARC_1_01_Gm04_19107515_A_G	Gm4	19107515_A_G	Genomic Screen
236	BARC_1_01_Gm04_20729591_G_A	Gm4	20729591_G_A	Genomic Screen
237	BARC_1_01_Gm04_20921247_T_C	Gm4	20921247_T_C	Genomic Screen
238	BARC_1_01_Gm04_22217995_T_C	Gm4	22217995_T_C	Genomic Screen
239	BARC_1_01_Gm04_23251720_T_C	Gm4	23251720_T_C	Genomic Screen
240	BARC_1_01_Gm04_24276060_G_T	Gm4	24276060_G_T	Genomic Screen
241	BARC_1_01_Gm04_25230364_T_C	Gm4	25230364_T_C	Genomic Screen
242	BARC_1_01_Gm04_27207244_A_G	Gm4	27207244_A_G	Genomic Screen
243	BARC_1_01_Gm04_28018833_G_A	Gm4	28018833_G_A	Genomic Screen
244	BARC_1_01_Gm04_28121297_A_G	Gm4	28121297_A_G	Genomic Screen
245	BARC_1_01_Gm04_30457043_A_G	Gm4	30457043_A_G	Genomic Screen
246	BARC_1_01_Gm04_30926129_G_A	Gm4	30926129_G_A	Genomic Screen
247	BARC_1_01_Gm04_31436577_C_A	Gm4	31436577_C_A	Genomic Screen
248	BARC_1_01_Gm04_32800373_C_T	Gm4	32800373_C_T	Genomic Screen
249	BARC_1_01_Gm04_39087487_T_C	Gm4	39087487_T_C	Genomic Screen
250	BARC_1_01_Gm04_39753174_T_C	Gm4	39753174_T_C	Genomic Screen
251	BARC_1_01_Gm04_40811025_C_A	Gm4	40811025_C_A	Genomic Screen
252	BARC_1_01_Gm04_41249369_T_C	Gm4	41249369_T_C	Genomic Screen
253	BARC_1_01_Gm04_41586276_G_A	Gm4	41586276_G_A	Genomic Screen
254	BARC_1_01_Gm04_42153936_T_C	Gm4	42153936_T_C	Genomic Screen
255	BARC_1_01_Gm04_42832910_C_T	Gm4	42832910_C_T	Genomic Screen
256	BARC_1_01_Gm04_43059665_A_C	Gm4	43059665_A_C	Genomic Screen
257	BARC_1_01_Gm04_43157873_A_G	Gm4	43157873_A_G	Genomic Screen

258	BARC_1_01_Gm04_43966863_G_A	Gm4	43966863_G_A	Genomic Screen
259	BARC_1_01_Gm04_45093386_G_A	Gm4	45093386_G_A	Genomic Screen
260	BARC_1_01_Gm04_45773963_G_A	Gm4	45773963_G_A	Genomic Screen
261	BARC_1_01_Gm04_46390533_T_C	Gm4	46390533_T_C	Genomic Screen
262	BARC_1_01_Gm04_46550218_A_G	Gm4	46550218_A_G	Genomic Screen
263	BARC_1_01_Gm04_46700121_A_G	Gm4	46700121_A_G	Genomic Screen
264	BARC_1_01_Gm04_46835852_A_C	Gm4	46835852_A_C	Genomic Screen
265	BARC_1_01_Gm04_46966383_G_A	Gm4	46966383_G_A	Genomic Screen
266	BARC_1_01_Gm04_47367432_A_G	Gm4	47367432_A_G	Genomic Screen
267	BARC_1_01_Gm04_47981836_T_C	Gm4	47981836_T_C	Genomic Screen
268	BARC_1_01_Gm04_48198636_G_A	Gm4	48198636_G_A	Genomic Screen
269	BARC_1_01_Gm04_49060197_T_G	Gm4	49060197_T_G	Genomic Screen
270	BARC_1_01_Gm05_937362_A_G	Gm5	937362_A_G	Genomic Screen
271	BARC_1_01_Gm05_1043092_G_T	Gm5	1043092_G_T	Genomic Screen
272	BARC_1_01_Gm05_1294282_C_T	Gm5	1294282_C_T	Genomic Screen
273	BARC_1_01_Gm05_1490457_C_T	Gm5	1490457_C_T	Genomic Screen
274	BARC_1_01_Gm05_2032662_C_T	Gm5	2032662_C_T	Genomic Screen
275	BARC_1_01_Gm05_2674662_T_G	Gm5	2674662_T_G	Genomic Screen
276	BARC_1_01_Gm05_2967386_A_G	Gm5	2967386_A_G	Genomic Screen
277	BARC_1_01_Gm05_3569588_T_C	Gm5	3569588_T_C	Genomic Screen
278	BARC_1_01_Gm05_7714399_A_C	Gm5	7714399_A_C	Genomic Screen
279	BARC_1_01_Gm05_8656389_T_C	Gm5	8656389_T_C	Genomic Screen
280	BARC_1_01_Gm05_9012813_A_G	Gm5	9012813_A_G	Genomic Screen
281	BARC_1_01_Gm05_25068189_A_G	Gm5	25068189_A_G	Genomic Screen

282	BARC_1_01_Gm05_26685967_G_A	Gm5	26685967_G_A	Genomic Screen
283	BARC_1_01_Gm05_27460724_A_G	Gm5	27460724_A_G	Genomic Screen
284	BARC_1_01_Gm05_28310838_T_C	Gm5	28310838_T_C	Genomic Screen
285	BARC_1_01_Gm05_30702753_T_C	Gm5	30702753_T_C	Genomic Screen
286	BARC_1_01_Gm05_30976228_G_A	Gm5	30976228_G_A	Genomic Screen
287	BARC_1_01_Gm05_31274857_A_G	Gm5	31274857_A_G	Genomic Screen
288	BARC_1_01_Gm05_31334797_C_T	Gm5	31334797_C_T	Genomic Screen
289	BARC_1_01_Gm05_32130134_T_C	Gm5	32130134_T_C	Genomic Screen
290	BARC_1_01_Gm05_32654943_T_C	Gm5	32654943_T_C	Genomic Screen
291	BARC_1_01_Gm05_32980603_A_G	Gm5	32980603_A_G	Genomic Screen
292	BARC_1_01_Gm05_33268964_T_G	Gm5	33268964_T_G	Genomic Screen
293	BARC_1_01_Gm05_33290398_G_A	Gm5	33290398_G_A	Genomic Screen
294	BARC_1_01_Gm05_33576968_A_G	Gm5	33576968_A_G	Genomic Screen
295	BARC_1_01_Gm05_33785297_T_C	Gm5	33785297_T_C	Genomic Screen
296	BARC_1_01_Gm05_34439737_T_C	Gm5	34439737_T_C	Genomic Screen
297	BARC_1_01_Gm05_35262325_T_G	Gm5	35262325_T_G	Genomic Screen
298	BARC_1_01_Gm05_35518408_T_C	Gm5	35518408_T_C	Genomic Screen
299	BARC_1_01_Gm05_35860939_C_T	Gm5	35860939_C_T	Genomic Screen
300	BARC_1_01_Gm05_36196250_T_G	Gm5	36196250_T_G	Genomic Screen
301	BARC_1_01_Gm05_36749252_T_C	Gm5	36749252_T_C	Genomic Screen
302	BARC_1_01_Gm05_37027716_G_A	Gm5	37027716_G_A	Genomic Screen
303	BARC_1_01_Gm05_37194257_T_C	Gm5	37194257_T_C	Genomic Screen
304	BARC_1_01_Gm05_37305888_A_G	Gm5	37305888_A_G	Genomic Screen
305	BARC_1_01_Gm05_37592640_T_C	Gm5	37592640_T_C	Genomic Screen

306	BARC_1_01_Gm05_37744939_G_T	Gm5	37744939_G_T	Genomic Screen
307	BARC_1_01_Gm05_37848366_C_A	Gm5	37848366_C_A	Genomic Screen
308	BARC_1_01_Gm05_38950372_T_C	Gm5	38950372_T_C	Genomic Screen
309	BARC_1_01_Gm05_39273308_T_G	Gm5	39273308_T_G	Genomic Screen
310	BARC_1_01_Gm05_39341525_C_T	Gm5	39341525_C_T	Genomic Screen
311	BARC_1_01_Gm05_39655552_A_C	Gm5	39655552_A_C	Genomic Screen
312	BARC_1_01_Gm05_40169104_G_A	Gm5	40169104_G_A	Genomic Screen
313	BARC_1_01_Gm05_40299923_A_G	Gm5	40299923_A_G	Genomic Screen
314	BARC_1_01_Gm05_40452052_G_T	Gm5	40452052_G_T	Genomic Screen
315	BARC_1_01_Gm05_40528969_T_G	Gm5	40528969_T_G	Genomic Screen
316	BARC_1_01_Gm05_40642754_C_A	Gm5	40642754_C_A	Genomic Screen
317	BARC_1_01_Gm05_40919406_C_T	Gm5	40919406_C_T	Genomic Screen
318	BARC_1_01_Gm05_41066968_A_G	Gm5	41066968_A_G	Genomic Screen
319	BARC_1_01_Gm05_41318744_A_G	Gm5	41318744_A_G	Genomic Screen
320	BARC_1_01_Gm05_41481303_T_C	Gm5	41481303_T_C	Genomic Screen
321	BARC_1_01_Gm05_41638179_T_C	Gm5	41638179_T_C	Genomic Screen
322	BARC_1_01_Gm05_41740936_C_T	Gm5	41740936_C_T	Genomic Screen
323	BARC_1_01_Gm05_41866018_G_A	Gm5	41866018_G_A	Genomic Screen
324	BARC_1_01_Gm06_1216803_A_C	Gm6	1216803_A_C	Genomic Screen
325	BARC_1_01_Gm06_1609551_C_T	Gm6	1609551_C_T	Genomic Screen
326	BARC_1_01_Gm06_2481084_A_G	Gm6	2481084_A_G	Genomic Screen
327	BARC_1_01_Gm06_3335673_A_G	Gm6	3335673_A_G	Genomic Screen
328	BARC_1_01_Gm06_3370143_T_C	Gm6	3370143_T_C	Genomic Screen
329	BARC_1_01_Gm06_4302100_C_T	Gm6	4302100_C_T	Genomic Screen

330	BARC_1_01_Gm06_5829396_G_A	Gm6	5829396_G_A	Genomic Screen
331	BARC_1_01_Gm06_7072768_A_G	Gm6	7072768_A_G	Genomic Screen
332	BARC_1_01_Gm06_7756576_G_A	Gm6	7756576_G_A	Genomic Screen
333	BARC_1_01_Gm06_7836214_T_C	Gm6	7836214_T_C	Genomic Screen
334	BARC_1_01_Gm06_8979504_A_G	Gm6	8979504_A_G	Genomic Screen
335	BARC_1_01_Gm06_10693310_G_A	Gm6	10693310_G_A	Genomic Screen
336	BARC_1_01_Gm06_10891060_T_C	Gm6	10891060_T_C	Genomic Screen
337	BARC_1_01_Gm06_11333769_G_A	Gm6	11333769_G_A	Genomic Screen
338	BARC_1_01_Gm06_11659627_A_G	Gm6	11659627_A_G	Genomic Screen
339	BARC_1_01_Gm06_12414435_G_A	Gm6	12414435_G_A	Genomic Screen
340	BARC_1_01_Gm06_13008773_A_G	Gm6	13008773_A_G	Genomic Screen
341	BARC_1_01_Gm06_13193350_G_A	Gm6	13193350_G_A	Genomic Screen
342	BARC_1_01_Gm06_13401987_C_T	Gm6	13401987_C_T	Genomic Screen
343	BARC_1_01_Gm06_13811298_C_T	Gm6	13811298_C_T	Genomic Screen
344	BARC_1_01_Gm06_14359453_T_C	Gm6	14359453_T_C	Genomic Screen
345	BARC_1_01_Gm06_14859364_A_C	Gm6	14859364_A_C	Genomic Screen
346	BARC_1_01_Gm06_15453344_A_G	Gm6	15453344_A_G	Genomic Screen
347	BARC_1_01_Gm06_15960829_C_A	Gm6	15960829_C_A	Genomic Screen
348	BARC_1_01_Gm06_16390152_A_G	Gm6	16390152_A_G	Genomic Screen
349	BARC_1_01_Gm06_16853739_A_C	Gm6	16853739_A_C	Genomic Screen
350	BARC_1_01_Gm06_16923935_T_C	Gm6	16923935_T_C	Genomic Screen
351	BARC_1_01_Gm06_18252495_T_C	Gm6	18252495_T_C	Genomic Screen
352	BARC_1_01_Gm06_18583273_A_C	Gm6	18583273_A_C	Genomic Screen
353	BARC_1_01_Gm06_19282687_A_G	Gm6	19282687_A_G	Genomic Screen

354	BARC_1_01_Gm06_20486758_C_A	Gm6	20486758_C_A	Genomic Screen
355	BARC_1_01_Gm06_20943239_T_C	Gm6	20943239_T_C	Genomic Screen
356	BARC_1_01_Gm06_21567013_G_A	Gm6	21567013_G_A	Genomic Screen
357	BARC_1_01_Gm06_22271239_C_T	Gm6	22271239_C_T	Genomic Screen
358	BARC_1_01_Gm06_23462870_C_T	Gm6	23462870_C_T	Genomic Screen
359	BARC_1_01_Gm06_24160775_C_T	Gm6	24160775_C_T	Genomic Screen
360	BARC_1_01_Gm06_25704938_T_C	Gm6	25704938_T_C	Genomic Screen
361	BARC_1_01_Gm06_27322640_A_G	Gm6	27322640_A_G	Genomic Screen
362	BARC_1_01_Gm06_28315232_G_A	Gm6	28315232_G_A	Genomic Screen
363	BARC_1_01_Gm06_28991907_C_T	Gm6	28991907_C_T	Genomic Screen
364	BARC_1_01_Gm06_32525220_G_T	Gm6	32525220_G_T	Genomic Screen
365	BARC_1_01_Gm06_33615663_G_A	Gm6	33615663_G_A	Genomic Screen
366	BARC_1_01_Gm06_37823440_T_C	Gm6	37823440_T_C	Genomic Screen
367	BARC_1_01_Gm06_38499465_G_A	Gm6	38499465_G_A	Genomic Screen
368	BARC_1_01_Gm06_40454884_C_T	Gm6	40454884_C_T	Genomic Screen
369	BARC_1_01_Gm06_42707931_T_G	Gm6	42707931_T_G	Genomic Screen
370	BARC_1_01_Gm06_43235059_C_T	Gm6	43235059_C_T	Genomic Screen
371	BARC_1_01_Gm06_46078974_G_A	Gm6	46078974_G_A	Genomic Screen
372	BARC_1_01_Gm06_46677140_C_T	Gm6	46677140_C_T	Genomic Screen
373	BARC_1_01_Gm06_47026169_C_A	Gm6	47026169_C_A	Genomic Screen
374	BARC_1_01_Gm06_47191346_C_T	Gm6	47191346_C_T	Genomic Screen
375	BARC_1_01_Gm06_47439414_C_T	Gm6	47439414_C_T	Genomic Screen
376	BARC_1_01_Gm06_47918999_G_A	Gm6	47918999_G_A	Genomic Screen
377	BARC_1_01_Gm06_48261084_C_A	Gm6	48261084_C_A	Genomic Screen



378	BARC_1_01_Gm06_49343224_G_T	Gm6	49343224_G_T	Genomic Screen
379	BARC_1_01_Gm07_260352_G_A	Gm7	260352_G_A	Genomic Screen
380	BARC_1_01_Gm07_562809_G_A	Gm7	562809_G_A	Genomic Screen
381	BARC_1_01_Gm07_1119462_A_G	Gm7	1119462_A_G	Genomic Screen
382	BARC_1_01_Gm07_1630335_G_A	Gm7	1630335_G_A	Genomic Screen
383	BARC_1_01_Gm07_2418465_A_G	Gm7	2418465_A_G	Genomic Screen
384	BARC_1_01_Gm07_2704982_G_A	Gm7	2704982_G_A	Genomic Screen
385	BARC_1_01_Gm07_2814243_A_G	Gm7	2814243_A_G	Genomic Screen
386	BARC_1_01_Gm07_3042699_C_T	Gm7	3042699_C_T	Genomic Screen
387	BARC_1_01_Gm07_3147674_G_A	Gm7	3147674_G_A	Genomic Screen
388	BARC_1_01_Gm07_3990308_A_G	Gm7	3990308_A_G	Genomic Screen
389	BARC_1_01_Gm07_4921108_G_A	Gm7	4921108_G_A	Genomic Screen
390	BARC_1_01_Gm07_5490895_G_T	Gm7	5490895_G_T	Genomic Screen
391	BARC_1_01_Gm07_6405598_A_G	Gm7	6405598_A_G	Genomic Screen
392	BARC_1_01_Gm07_7369745_C_T	Gm7	7369745_C_T	Genomic Screen
393	BARC_1_01_Gm07_8018299_A_G	Gm7	8018299_A_G	Genomic Screen
394	BARC_1_01_Gm07_8385653_T_C	Gm7	8385653_T_C	Genomic Screen
395	BARC_1_01_Gm07_8488086_A_G	Gm7	8488086_A_G	Genomic Screen
396	BARC_1_01_Gm07_8887938_C_T	Gm7	8887938_C_T	Genomic Screen
397	BARC_1_01_Gm07_9102516_A_G	Gm7	9102516_A_G	Genomic Screen
398	BARC_1_01_Gm07_9372460_G_A	Gm7	9372460_G_A	Genomic Screen
399	BARC_1_01_Gm07_9800952_A_G	Gm7	9800952_A_G	Genomic Screen
400	BARC_1_01_Gm07_10193199_G_A	Gm7	10193199_G_A	Genomic Screen
401	BARC_1_01_Gm07_10403810_C_T	Gm7	10403810_C_T	Genomic Screen

402	BARC_1_01_Gm07_11153441_A_G	Gm7	11153441_A_G	Genomic Screen
403	BARC_1_01_Gm07_11956773_T_C	Gm7	11956773_T_C	Genomic Screen
404	BARC_1_01_Gm07_12858110_C_A	Gm7	12858110_C_A	Genomic Screen
405	BARC_1_01_Gm07_14090959_A_G	Gm7	14090959_A_G	Genomic Screen
406	BARC_1_01_Gm07_14552113_T_G	Gm7	14552113_T_G	Genomic Screen
407	BARC_1_01_Gm07_14862607_C_T	Gm7	14862607_C_T	Genomic Screen
408	BARC_1_01_Gm07_15181335_A_C	Gm7	15181335_A_C	Genomic Screen
409	BARC_1_01_Gm07_15748996_T_G	Gm7	15748996_T_G	Genomic Screen
410	BARC_1_01_Gm07_16031010_C_T	Gm7	16031010_C_T	Genomic Screen
411	BARC_1_01_Gm07_16979586_C_T	Gm7	16979586_C_T	Genomic Screen
412	BARC_1_01_Gm07_17615932_A_G	Gm7	17615932_A_G	Genomic Screen
413	BARC_1_01_Gm07_18293045_C_T	Gm7	18293045_C_T	Genomic Screen
414	BARC_1_01_Gm07_19905517_G_A	Gm7	19905517_G_A	Genomic Screen
415	BARC_1_01_Gm07_20527016_C_T	Gm7	20527016_C_T	Genomic Screen
416	BARC_1_01_Gm07_21217603_T_C	Gm7	21217603_T_C	Genomic Screen
417	BARC_1_01_Gm07_22686796_T_C	Gm7	22686796_T_C	Genomic Screen
418	BARC_1_01_Gm07_24197913_T_G	Gm7	24197913_T_G	Genomic Screen
419	BARC_1_01_Gm07_24960162_C_A	Gm7	24960162_C_A	Genomic Screen
420	BARC_1_01_Gm07_26960074_A_G	Gm7	26960074_A_G	Genomic Screen
421	BARC_1_01_Gm07_27445113_A_G	Gm7	27445113_A_G	Genomic Screen
422	BARC_1_01_Gm07_28865848_T_C	Gm7	28865848_T_C	Genomic Screen
423	BARC_1_01_Gm07_30018015_T_C	Gm7	30018015_T_C	Genomic Screen
424	BARC_1_01_Gm07_30471642_A_G	Gm7	30471642_A_G	Genomic Screen
425	BARC_1_01_Gm07_31363791_T_C	Gm7	31363791_T_C	Genomic Screen

426	BARC_1_01_Gm07_33333813_T_C	Gm7	33333813_T_C	Genomic Screen
427	BARC_1_01_Gm07_34580678_G_A	Gm7	34580678_G_A	Genomic Screen
428	BARC_1_01_Gm07_35736677_G_A	Gm7	35736677_G_A	Genomic Screen
429	BARC_1_01_Gm07_36551753_A_G	Gm7	36551753_A_G	Genomic Screen
430	BARC_1_01_Gm07_36886320_G_T	Gm7	36886320_G_T	Genomic Screen
431	BARC_1_01_Gm07_37416258_G_A	Gm7	37416258_G_A	Genomic Screen
432	BARC_1_01_Gm07_37710555_C_T	Gm7	37710555_C_T	Genomic Screen
433	BARC_1_01_Gm07_37983142_C_A	Gm7	37983142_C_A	Genomic Screen
434	BARC_1_01_Gm07_38334707_G_A	Gm7	38334707_G_A	Genomic Screen
435	BARC_1_01_Gm07_38429072_C_T	Gm7	38429072_C_T	Genomic Screen
436	BARC_1_01_Gm07_39225759_C_T	Gm7	39225759_C_T	Genomic Screen
437	BARC_1_01_Gm07_41854732_G_A	Gm7	41854732_G_A	Genomic Screen
438	BARC_1_01_Gm07_42851461_T_C	Gm7	42851461_T_C	Genomic Screen
439	BARC_1_01_Gm07_44621109_A_G	Gm7	44621109_A_G	Genomic Screen
440	BARC_1_01_Gm08_1622175_T_C	Gm8	1622175_T_C	Genomic Screen
441	BARC_1_01_Gm08_2119913_T_C	Gm8	2119913_T_C	Genomic Screen
442	BARC_1_01_Gm08_2394647_G_A	Gm8	2394647_G_A	Genomic Screen
443	BARC_1_01_Gm08_2837248_T_C	Gm8	2837248_T_C	Genomic Screen
444	BARC_1_01_Gm08_2852874_A_C	Gm8	2852874_A_C	Genomic Screen
445	BARC_1_01_Gm08_3049284_T_G	Gm8	3049284_T_G	Genomic Screen
446	BARC_1_01_Gm08_3285222_T_C	Gm8	3285222_T_C	Genomic Screen
447	BARC_1_01_Gm08_3369110_G_A	Gm8	3369110_G_A	Genomic Screen
448	BARC_1_01_Gm08_3985008_T_C	Gm8	3985008_T_C	Genomic Screen
449	BARC_1_01_Gm08_4873149_C_T	Gm8	4873149_C_T	Genomic Screen

450	BARC_1_01_Gm08_5003648_C_T	Gm8	5003648_C_T	Genomic Screen
451	BARC_1_01_Gm08_5278800_G_T	Gm8	5278800_G_T	Genomic Screen
452	BARC_1_01_Gm08_5701842_C_T	Gm8	5701842_C_T	Genomic Screen
453	BARC_1_01_Gm08_5727292_G_A	Gm8	5727292_G_A	Genomic Screen
454	BARC_1_01_Gm08_6188267_T_G	Gm8	6188267_T_G	Genomic Screen
455	BARC_1_01_Gm08_7512536_C_T	Gm8	7512536_C_T	Genomic Screen
456	BARC_1_01_Gm08_7648192_A_G	Gm8	7648192_A_G	Genomic Screen
457	BARC_1_01_Gm08_8305965_T_C	Gm8	8305965_T_C	Genomic Screen
458	BARC_1_01_Gm08_9700052_T_G	Gm8	9700052_T_G	Genomic Screen
459	BARC_1_01_Gm08_10303031_C_T	Gm8	10303031_C_T	Genomic Screen
460	BARC_1_01_Gm08_10418912_C_T	Gm8	10418912_C_T	Genomic Screen
461	BARC_1_01_Gm08_11073425_T_G	Gm8	11073425_T_G	Genomic Screen
462	BARC_1_01_Gm08_11451417_C_T	Gm8	11451417_C_T	Genomic Screen
463	BARC_1_01_Gm08_11759489_C_T	Gm8	11759489_C_T	Genomic Screen
464	BARC_1_01_Gm08_12475844_A_C	Gm8	12475844_A_C	Genomic Screen
465	BARC_1_01_Gm08_14033412_T_G	Gm8	14033412_T_G	Genomic Screen
466	BARC_1_01_Gm08_14431777_C_A	Gm8	14431777_C_A	Genomic Screen
467	BARC_1_01_Gm08_14646649_A_G	Gm8	14646649_A_G	Genomic Screen
468	BARC_1_01_Gm08_14833954_G_A	Gm8	14833954_G_A	Genomic Screen
469	BARC_1_01_Gm08_15131577_A_G	Gm8	15131577_A_G	Genomic Screen
470	BARC_1_01_Gm08_15193841_T_C	Gm8	15193841_T_C	Genomic Screen
471	BARC_1_01_Gm08_15617476_A_G	Gm8	15617476_A_G	Genomic Screen
472	BARC_1_01_Gm08_15928921_A_G	Gm8	15928921_A_G	Genomic Screen
473	BARC_1_01_Gm08_16860906_T_C	Gm8	16860906_T_C	Genomic Screen

474	BARC_1_01_Gm08_17579846_T_C	Gm8	17579846_T_C	Genomic Screen
475	BARC_1_01_Gm08_17928709_C_T	Gm8	17928709_C_T	Genomic Screen
476	BARC_1_01_Gm08_18443609_T_C	Gm8	18443609_T_C	Genomic Screen
477	BARC_1_01_Gm08_18748606_T_G	Gm8	18748606_T_G	Genomic Screen
478	BARC_1_01_Gm08_19162244_T_C	Gm8	19162244_T_C	Genomic Screen
479	BARC_1_01_Gm08_19292385_T_C	Gm8	19292385_T_C	Genomic Screen
480	BARC_1_01_Gm08_19414487_A_G	Gm8	19414487_A_G	Genomic Screen
481	BARC_1_01_Gm08_19525771_A_G	Gm8	19525771_A_G	Genomic Screen
482	BARC_1_01_Gm08_19635121_T_C	Gm8	19635121_T_C	Genomic Screen
483	BARC_1_01_Gm08_20063778_A_G	Gm8	20063778_A_G	Genomic Screen
484	BARC_1_01_Gm08_20123542_G_A	Gm8	20123542_G_A	Genomic Screen
485	BARC_1_01_Gm08_20851904_T_G	Gm8	20851904_T_G	Genomic Screen
486	BARC_1_01_Gm08_21443387_G_T	Gm8	21443387_G_T	Genomic Screen
487	BARC_1_01_Gm08_22502686_T_C	Gm8	22502686_T_C	Genomic Screen
488	BARC_1_01_Gm08_22622648_A_G	Gm8	22622648_A_G	Genomic Screen
489	BARC_1_01_Gm08_23073352_T_C	Gm8	23073352_T_C	Genomic Screen
490	BARC_1_01_Gm08_25518395_C_A	Gm8	25518395_C_A	Genomic Screen
491	BARC_1_01_Gm08_26551849_C_A	Gm8	26551849_C_A	Genomic Screen
492	BARC_1_01_Gm08_27721821_G_A	Gm8	27721821_G_A	Genomic Screen
493	BARC_1_01_Gm08_28027433_T_C	Gm8	28027433_T_C	Genomic Screen
494	BARC_1_01_Gm08_29497457_C_A	Gm8	29497457_C_A	Genomic Screen
495	BARC_1_01_Gm08_30079644_T_C	Gm8	30079644_T_C	Genomic Screen
496	BARC_1_01_Gm08_31401151_T_C	Gm8	31401151_T_C	Genomic Screen
497	BARC_1_01_Gm08_32671813_A_G	Gm8	32671813_A_G	Genomic Screen

498	BARC_1_01_Gm08_35102127_G_A	Gm8	35102127_G_A	Genomic Screen
499	BARC_1_01_Gm08_35856368_C_A	Gm8	35856368_C_A	Genomic Screen
500	BARC_1_01_Gm08_40220221_A_G	Gm8	40220221_A_G	Genomic Screen
501	BARC_1_01_Gm08_41798055_A_G	Gm8	41798055_A_G	Genomic Screen
502	BARC_1_01_Gm08_42937574_T_C	Gm8	42937574_T_C	Genomic Screen
503	BARC_1_01_Gm08_44265646_C_T	Gm8	44265646_C_T	Genomic Screen
504	BARC_1_01_Gm08_45697460_T_C	Gm8	45697460_T_C	Genomic Screen
505	BARC_1_01_Gm08_45893888_T_C	Gm8	45893888_T_C	Genomic Screen
506	BARC_1_01_Gm08_46022059_A_G	Gm8	46022059_A_G	Genomic Screen
507	BARC_1_01_Gm09_413274_G_A	Gm9	413274_G_A	Genomic Screen
508	BARC_1_01_Gm09_886505_T_C	Gm9	886505_T_C	Genomic Screen
509	BARC_1_01_Gm09_1251128_T_C	Gm9	1251128_T_C	Genomic Screen
510	BARC_1_01_Gm09_1522327_T_C	Gm9	1522327_T_C	Genomic Screen
511	BARC_1_01_Gm09_1888876_A_G	Gm9	1888876_A_G	Genomic Screen
512	BARC_1_01_Gm09_2327785_G_A	Gm9	2327785_G_A	Genomic Screen
513	BARC_1_01_Gm09_2592729_T_C	Gm9	2592729_T_C	Genomic Screen
514	BARC_1_01_Gm09_2926870_T_C	Gm9	2926870_T_C	Genomic Screen
515	BARC_1_01_Gm09_3101824_A_G	Gm9	3101824_A_G	Genomic Screen
516	BARC_1_01_Gm09_3174245_A_G	Gm9	3174245_A_G	Genomic Screen
517	BARC_1_01_Gm09_3708901_T_C	Gm9	3708901_T_C	Genomic Screen
518	BARC_1_01_Gm09_4991159_G_A	Gm9	4991159_G_A	Genomic Screen
519	BARC_1_01_Gm09_5038550_T_G	Gm9	5038550_T_G	Genomic Screen
520	BARC_1_01_Gm09_5514307_C_T	Gm9	5514307_C_T	Genomic Screen
521	BARC_1_01_Gm09_5979646_C_T	Gm9	5979646_C_T	Genomic Screen

522	BARC_1_01_Gm09_6459016_C_A	Gm9	6459016_C_A	Genomic Screen
523	BARC_1_01_Gm09_6729236_C_T	Gm9	6729236_C_T	Genomic Screen
524	BARC_1_01_Gm09_7983364_A_G	Gm9	7983364_A_G	Genomic Screen
525	BARC_1_01_Gm09_8831480_A_G	Gm9	8831480_A_G	Genomic Screen
526	BARC_1_01_Gm09_9590399_T_C	Gm9	9590399_T_C	Genomic Screen
527	BARC_1_01_Gm09_10520180_T_C	Gm9	10520180_T_C	Genomic Screen
528	BARC_1_01_Gm09_11854826_G_T	Gm9	11854826_G_T	Genomic Screen
529	BARC_1_01_Gm09_12093815_T_G	Gm9	12093815_T_G	Genomic Screen
530	BARC_1_01_Gm09_13615987_G_T	Gm9	13615987_G_T	Genomic Screen
531	BARC_1_01_Gm09_14078748_G_T	Gm9	14078748_G_T	Genomic Screen
532	BARC_1_01_Gm09_14923108_C_A	Gm9	14923108_C_A	Genomic Screen
533	BARC_1_01_Gm09_16513681_A_G	Gm9	16513681_A_G	Genomic Screen
534	BARC_1_01_Gm09_17858067_T_C	Gm9	17858067_T_C	Genomic Screen
535	BARC_1_01_Gm09_18598782_G_A	Gm9	18598782_G_A	Genomic Screen
536	BARC_1_01_Gm09_19823605_G_A	Gm9	19823605_G_A	Genomic Screen
537	BARC_1_01_Gm09_20391885_C_T	Gm9	20391885_C_T	Genomic Screen
538	BARC_1_01_Gm09_27092089_A_G	Gm9	27092089_A_G	Genomic Screen
539	BARC_1_01_Gm09_29782119_G_A	Gm9	29782119_G_A	Genomic Screen
540	BARC_1_01_Gm09_31217330_T_C	Gm9	31217330_T_C	Genomic Screen
541	BARC_1_01_Gm09_32096458_C_T	Gm9	32096458_C_T	Genomic Screen
542	BARC_1_01_Gm09_33313292_T_G	Gm9	33313292_T_G	Genomic Screen
543	BARC_1_01_Gm09_34830637_A_G	Gm9	34830637_A_G	Genomic Screen
544	BARC_1_01_Gm09_35962679_T_C	Gm9	35962679_T_C	Genomic Screen
545	BARC_1_01_Gm09_36305321_T_C	Gm9	36305321_T_C	Genomic Screen

546	BARC_1_01_Gm09_36586870_C_T	Gm9	36586870_C_T	Genomic Screen
547	BARC_1_01_Gm09_36869408_A_C	Gm9	36869408_A_C	Genomic Screen
548	BARC_1_01_Gm09_37249978_A_G	Gm9	37249978_A_G	Genomic Screen
549	BARC_1_01_Gm09_37823866_T_C	Gm9	37823866_T_C	Genomic Screen
550	BARC_1_01_Gm09_38013391_A_G	Gm9	38013391_A_G	Genomic Screen
551	BARC_1_01_Gm09_38507112_G_A	Gm9	38507112_G_A	Genomic Screen
552	BARC_1_01_Gm09_38797525_C_A	Gm9	38797525_C_A	Genomic Screen
553	BARC_1_01_Gm09_38927073_A_G	Gm9	38927073_A_G	Genomic Screen
554	BARC_1_01_Gm09_39295470_A_G	Gm9	39295470_A_G	Genomic Screen
555	BARC_1_01_Gm09_39605825_C_T	Gm9	39605825_C_T	Genomic Screen
556	BARC_1_01_Gm09_39822766_C_T	Gm9	39822766_C_T	Genomic Screen
557	BARC_1_01_Gm09_40407114_C_T	Gm9	40407114_C_T	Genomic Screen
558	BARC_1_01_Gm09_40638454_A_G	Gm9	40638454_A_G	Genomic Screen
559	BARC_1_01_Gm09_40899791_G_A	Gm9	40899791_G_A	Genomic Screen
560	BARC_1_01_Gm09_41103872_T_C	Gm9	41103872_T_C	Genomic Screen
561	BARC_1_01_Gm09_41861265_C_A	Gm9	41861265_C_A	Genomic Screen
562	BARC_1_01_Gm09_42610662_T_C	Gm9	42610662_T_C	Genomic Screen
563	BARC_1_01_Gm09_43259622_T_G	Gm9	43259622_T_G	Genomic Screen
564	BARC_1_01_Gm09_43691701_C_T	Gm9	43691701_C_T	Genomic Screen
565	BARC_1_01_Gm09_44054693_A_G	Gm9	44054693_A_G	Genomic Screen
566	BARC_1_01_Gm09_44598626_G_A	Gm9	44598626_G_A	Genomic Screen
567	BARC_1_01_Gm09_45321744_G_A	Gm9	45321744_G_A	Genomic Screen
568	BARC_1_01_Gm09_45548496_T_G	Gm9	45548496_T_G	Genomic Screen
569	BARC_1_01_Gm09_45659797_T_C	Gm9	45659797_T_C	Genomic Screen



570	BARC_1_01_Gm09_45836962_C_A	Gm9	45836962_C_A	Genomic Screen
571	BARC_1_01_Gm09_46139114_A_G	Gm9	46139114_A_G	Genomic Screen
572	BARC_1_01_Gm09_46437772_T_C	Gm9	46437772_T_C	Genomic Screen
573	BARC_1_01_Gm10_121493_A_G	Gm10	121493_A_G	Genomic Screen
574	BARC_1_01_Gm10_227864_A_G	Gm10	227864_A_G	Genomic Screen
575	BARC_1_01_Gm10_1051336_G_A	Gm10	1051336_G_A	Genomic Screen
576	BARC_1_01_Gm10_1667248_A_G	Gm10	1667248_A_G	Genomic Screen
577	BARC_1_01_Gm10_2317882_A_G	Gm10	2317882_A_G	Genomic Screen
578	BARC_1_01_Gm10_2583564_G_A	Gm10	2583564_G_A	Genomic Screen
579	BARC_1_01_Gm10_3183187_T_C	Gm10	3183187_T_C	Genomic Screen
580	BARC_1_01_Gm10_3426604_G_A	Gm10	3426604_G_A	Genomic Screen
581	BARC_1_01_Gm10_3896284_A_G	Gm10	3896284_A_G	Genomic Screen
582	BARC_1_01_Gm10_3962673_C_T	Gm10	3962673_C_T	Genomic Screen
583	BARC_1_01_Gm10_4035277_A_C	Gm10	4035277_A_C	Genomic Screen
584	BARC_1_01_Gm10_4131044_C_A	Gm10	4131044_C_A	Genomic Screen
585	BARC_1_01_Gm10_4286365_G_A	Gm10	4286365_G_A	Genomic Screen
586	BARC_1_01_Gm10_5455842_G_A	Gm10	5455842_G_A	Genomic Screen
587	BARC_1_01_Gm10_6196864_T_G	Gm10	6196864_T_G	Genomic Screen
588	BARC_1_01_Gm10_7074398_A_G	Gm10	7074398_A_G	Genomic Screen
589	BARC_1_01_Gm10_9207487_A_C	Gm10	9207487_A_C	Genomic Screen
590	BARC_1_01_Gm10_9575150_C_T	Gm10	9575150_C_T	Genomic Screen
591	BARC_1_01_Gm10_10015896_C_T	Gm10	10015896_C_T	Genomic Screen
592	BARC_1_01_Gm10_10930700_C_T	Gm10	10930700_C_T	Genomic Screen
593	BARC_1_01_Gm10_11518881_G_A	Gm10	11518881_G_A	Genomic Screen

594	BARC_1_01_Gm10_12080275_G_A	Gm10	12080275_G_A	Genomic Screen
595	BARC_1_01_Gm10_12500364_A_G	Gm10	12500364_A_G	Genomic Screen
596	BARC_1_01_Gm10_13185363_T_C	Gm10	13185363_T_C	Genomic Screen
597	BARC_1_01_Gm10_13684185_C_A	Gm10	13684185_C_A	Genomic Screen
598	BARC_1_01_Gm10_17148524_C_A	Gm10	17148524_C_A	Genomic Screen
599	BARC_1_01_Gm10_18092265_A_G	Gm10	18092265_A_G	Genomic Screen
600	BARC_1_01_Gm10_18700582_T_C	Gm10	18700582_T_C	Genomic Screen
601	BARC_1_01_Gm10_20222067_T_C	Gm10	20222067_T_C	Genomic Screen
602	BARC_1_01_Gm10_21290666_G_A	Gm10	21290666_G_A	Genomic Screen
603	BARC_1_01_Gm10_21509542_T_C	Gm10	21509542_T_C	Genomic Screen
604	BARC_1_01_Gm10_23322034_G_A	Gm10	23322034_G_A	Genomic Screen
605	BARC_1_01_Gm10_23967467_T_C	Gm10	23967467_T_C	Genomic Screen
606	BARC_1_01_Gm10_26188429_A_G	Gm10	26188429_A_G	Genomic Screen
607	BARC_1_01_Gm10_26598887_A_G	Gm10	26598887_A_G	Genomic Screen
608	BARC_1_01_Gm10_27849090_A_G	Gm10	27849090_A_G	Genomic Screen
609	BARC_1_01_Gm10_36276152_A_G	Gm10	36276152_A_G	Genomic Screen
610	BARC_1_01_Gm10_36634025_T_C	Gm10	36634025_T_C	Genomic Screen
611	BARC_1_01_Gm10_36725190_G_A	Gm10	36725190_G_A	Genomic Screen
612	BARC_1_01_Gm10_36928133_A_G	Gm10	36928133_A_G	Genomic Screen
613	BARC_1_01_Gm10_37066910_G_A	Gm10	37066910_G_A	Genomic Screen
614	BARC_1_01_Gm10_37469103_C_A	Gm10	37469103_C_A	Genomic Screen
615	BARC_1_01_Gm10_37838242_G_A	Gm10	37838242_G_A	Genomic Screen
616	BARC_1_01_Gm10_38406137_G_A	Gm10	38406137_G_A	Genomic Screen
617	BARC_1_01_Gm10_38900522_T_C	Gm10	38900522_T_C	Genomic Screen

618	BARC_1_01_Gm10_39827303_A_C	Gm10	39827303_A_C	Genomic Screen
619	BARC_1_01_Gm10_40077126_A_G	Gm10	40077126_A_G	Genomic Screen
620	BARC_1_01_Gm10_41032294_A_C	Gm10	41032294_A_C	Genomic Screen
621	BARC_1_01_Gm10_41610215_C_T	Gm10	41610215_C_T	Genomic Screen
622	BARC_1_01_Gm10_42450430_G_A	Gm10	42450430_G_A	Genomic Screen
623	BARC_1_01_Gm10_42963703_G_A	Gm10	42963703_G_A	Genomic Screen
624	BARC_1_01_Gm10_44137020_T_C	Gm10	44137020_T_C	Genomic Screen
625	BARC_1_01_Gm10_44563220_A_G	Gm10	44563220_A_G	Genomic Screen
626	BARC_1_01_Gm10_44574663_C_T	Gm10	44574663_C_T	Genomic Screen
627	BARC_1_01_Gm10_45245539_G_A	Gm10	45245539_G_A	Genomic Screen
628	BARC_1_01_Gm10_45890133_C_T	Gm10	45890133_C_T	Genomic Screen
629	BARC_1_01_Gm10_46177554_C_T	Gm10	46177554_C_T	Genomic Screen
630	BARC_1_01_Gm10_46788615_A_G	Gm10	46788615_A_G	Genomic Screen
631	BARC_1_01_Gm10_47552124_C_A	Gm10	47552124_C_A	Genomic Screen
632	BARC_1_01_Gm10_47834616_G_A	Gm10	47834616_G_A	Genomic Screen
633	BARC_1_01_Gm10_48002626_G_A	Gm10	48002626_G_A	Genomic Screen
634	BARC_1_01_Gm10_48331152_G_A	Gm10	48331152_G_A	Genomic Screen
635	BARC_1_01_Gm10_48695057_T_C	Gm10	48695057_T_C	Genomic Screen
636	BARC_1_01_Gm10_48966589_G_A	Gm10	48966589_G_A	Genomic Screen
637	BARC_1_01_Gm10_49447586_C_T	Gm10	49447586_C_T	Genomic Screen
638	BARC_1_01_Gm10_49734248_G_T	Gm10	49734248_G_T	Genomic Screen
639	BARC_1_01_Gm10_49967536_T_C	Gm10	49967536_T_C	Genomic Screen
640	BARC_1_01_Gm10_49995743_T_G	Gm10	49995743_T_G	Genomic Screen
641	BARC_1_01_Gm11_1267809_T_C	Gm11	1267809_T_C	Genomic Screen

642	BARC_1_01_Gm11_1711864_C_T	Gm11	1711864_C_T	Genomic Screen
643	BARC_1_01_Gm11_2092125_G_A	Gm11	2092125_G_A	Genomic Screen
644	BARC_1_01_Gm11_2680233_G_A	Gm11	2680233_G_A	Genomic Screen
645	BARC_1_01_Gm11_3432665_A_G	Gm11	3432665_A_G	Genomic Screen
646	BARC_1_01_Gm11_4329480_T_C	Gm11	4329480_T_C	Genomic Screen
647	BARC_1_01_Gm11_4961902_C_T	Gm11	4961902_C_T	Genomic Screen
648	BARC_1_01_Gm11_5791137_C_T	Gm11	5791137_C_T	Genomic Screen
649	BARC_1_01_Gm11_5948859_T_C	Gm11	5948859_T_C	Genomic Screen
650	BARC_1_01_Gm11_6383207_G_A	Gm11	6383207_G_A	Genomic Screen
651	BARC_1_01_Gm11_6662908_T_C	Gm11	6662908_T_C	Genomic Screen
652	BARC_1_01_Gm11_6882885_T_G	Gm11	6882885_T_G	Genomic Screen
653	BARC_1_01_Gm11_7133690_T_C	Gm11	7133690_T_C	Genomic Screen
654	BARC_1_01_Gm11_7843684_C_T	Gm11	7843684_C_T	Genomic Screen
655	BARC_1_01_Gm11_8237055_T_G	Gm11	8237055_T_G	Genomic Screen
656	BARC_1_01_Gm11_8942593_T_C	Gm11	8942593_T_C	Genomic Screen
657	BARC_1_01_Gm11_9961540_C_T	Gm11	9961540_C_T	Genomic Screen
658	BARC_1_01_Gm11_10721006_A_G	Gm11	10721006_A_G	Genomic Screen
659	BARC_1_01_Gm11_10926986_T_C	Gm11	10926986_T_C	Genomic Screen
660	BARC_1_01_Gm11_11932224_G_A	Gm11	11932224_G_A	Genomic Screen
661	BARC_1_01_Gm11_14829557_A_C	Gm11	14829557_A_C	Genomic Screen
662	BARC_1_01_Gm11_15603945_A_G	Gm11	15603945_A_G	Genomic Screen
663	BARC_1_01_Gm11_16996443_C_T	Gm11	16996443_C_T	Genomic Screen
664	BARC_1_01_Gm11_17144707_A_G	Gm11	17144707_A_G	Genomic Screen
665	BARC_1_01_Gm11_17537324_T_C	Gm11	17537324_T_C	Genomic Screen

666	BARC_1_01_Gm11_17808678_A_C	Gm11	17808678_A_C	Genomic Screen
667	BARC_1_01_Gm11_18083338_T_C	Gm11	18083338_T_C	Genomic Screen
668	BARC_1_01_Gm11_23209753_T_C	Gm11	23209753_T_C	Genomic Screen
669	BARC_1_01_Gm11_27896148_A_G	Gm11	27896148_A_G	Genomic Screen
670	BARC_1_01_Gm11_33511924_C_T	Gm11	33511924_C_T	Genomic Screen
671	BARC_1_01_Gm11_34928092_A_G	Gm11	34928092_A_G	Genomic Screen
672	BARC_1_01_Gm11_37291736_G_A	Gm11	37291736_G_A	Genomic Screen
673	BARC_1_01_Gm11_38136659_T_C	Gm11	38136659_T_C	Genomic Screen
674	BARC_1_01_Gm11_38983074_T_C	Gm11	38983074_T_C	Genomic Screen
675	BARC_1_01_Gm12_82828_T_C	Gm12	82828_T_C	Genomic Screen
676	BARC_1_01_Gm12_277889_G_A	Gm12	277889_G_A	Genomic Screen
677	BARC_1_01_Gm12_425751_C_A	Gm12	425751_C_A	Genomic Screen
678	BARC_1_01_Gm12_1070930_T_C	Gm12	1070930_T_C	Genomic Screen
679	BARC_1_01_Gm12_1460019_T_C	Gm12	1460019_T_C	Genomic Screen
680	BARC_1_01_Gm12_1701288_A_G	Gm12	1701288_A_G	Genomic Screen
681	BARC_1_01_Gm12_2049842_G_A	Gm12	2049842_G_A	Genomic Screen
682	BARC_1_01_Gm12_2184391_A_G	Gm12	2184391_A_G	Genomic Screen
683	BARC_1_01_Gm12_2681036_G_A	Gm12	2681036_G_A	Genomic Screen
684	BARC_1_01_Gm12_2847459_G_A	Gm12	2847459_G_A	Genomic Screen
685	BARC_1_01_Gm12_3133148_T_C	Gm12	3133148_T_C	Genomic Screen
686	BARC_1_01_Gm12_3225421_A_G	Gm12	3225421_A_G	Genomic Screen
687	BARC_1_01_Gm12_3974021_G_A	Gm12	3974021_G_A	Genomic Screen
688	BARC_1_01_Gm12_4592200_C_T	Gm12	4592200_C_T	Genomic Screen
689	BARC_1_01_Gm12_4925203_T_C	Gm12	4925203_T_C	Genomic Screen

690	BARC_1_01_Gm12_6150215_A_G	Gm12	6150215_A_G	Genomic Screen
691	BARC_1_01_Gm12_6420304_C_T	Gm12	6420304_C_T	Genomic Screen
692	BARC_1_01_Gm12_7082885_C_A	Gm12	7082885_C_A	Genomic Screen
693	BARC_1_01_Gm12_7494659_C_T	Gm12	7494659_C_T	Genomic Screen
694	BARC_1_01_Gm12_7949328_T_C	Gm12	7949328_T_C	Genomic Screen
695	BARC_1_01_Gm12_8469462_T_C	Gm12	8469462_T_C	Genomic Screen
696	BARC_1_01_Gm12_8844839_T_G	Gm12	8844839_T_G	Genomic Screen
697	BARC_1_01_Gm12_10015000_T_C	Gm12	10015000_T_C	Genomic Screen
698	BARC_1_01_Gm12_11373315_G_T	Gm12	11373315_G_T	Genomic Screen
699	BARC_1_01_Gm12_13354287_T_C	Gm12	13354287_T_C	Genomic Screen
700	BARC_1_01_Gm12_14694597_G_T	Gm12	14694597_G_T	Genomic Screen
701	BARC_1_01_Gm12_15877490_A_G	Gm12	15877490_A_G	Genomic Screen
702	BARC_1_01_Gm12_17013260_T_C	Gm12	17013260_T_C	Genomic Screen
703	BARC_1_01_Gm12_18062812_A_G	Gm12	18062812_A_G	Genomic Screen
704	BARC_1_01_Gm12_22385235_A_G	Gm12	22385235_A_G	Genomic Screen
705	BARC_1_01_Gm12_30527017_T_C	Gm12	30527017_T_C	Genomic Screen
706	BARC_1_01_Gm12_33539324_G_A	Gm12	33539324_G_A	Genomic Screen
707	BARC_1_01_Gm12_34217043_C_T	Gm12	34217043_C_T	Genomic Screen
708	BARC_1_01_Gm12_35111865_A_G	Gm12	35111865_A_G	Genomic Screen
709	BARC_1_01_Gm12_35876375_T_C	Gm12	35876375_T_C	Genomic Screen
710	BARC_1_01_Gm12_36510299_T_C	Gm12	36510299_T_C	Genomic Screen
711	BARC_1_01_Gm12_37036017_C_A	Gm12	37036017_C_A	Genomic Screen
712	BARC_1_01_Gm12_37315664_A_G	Gm12	37315664_A_G	Genomic Screen
713	BARC_1_01_Gm12_38183927_C_T	Gm12	38183927_C_T	Genomic Screen

714	BARC_1_01_Gm12_38338813_T_C	Gm12	38338813_T_C	Genomic Screen
715	BARC_1_01_Gm13_1739314_G_A	Gm13	1739314_G_A	Genomic Screen
716	BARC_1_01_Gm13_2558742_C_T	Gm13	2558742_C_T	Genomic Screen
717	BARC_1_01_Gm13_2911344_A_G	Gm13	2911344_A_G	Genomic Screen
718	BARC_1_01_Gm13_3010849_A_G	Gm13	3010849_A_G	Genomic Screen
719	BARC_1_01_Gm13_3479183_T_C	Gm13	3479183_T_C	Genomic Screen
720	BARC_1_01_Gm13_3822639_T_G	Gm13	3822639_T_G	Genomic Screen
721	BARC_1_01_Gm13_4204489_C_T	Gm13	4204489_C_T	Genomic Screen
722	BARC_1_01_Gm13_4520811_T_C	Gm13	4520811_T_C	Genomic Screen
723	BARC_1_01_Gm13_4674747_T_C	Gm13	4674747_T_C	Genomic Screen
724	BARC_1_01_Gm13_5259517_G_A	Gm13	5259517_G_A	Genomic Screen
725	BARC_1_01_Gm13_5769177_G_A	Gm13	5769177_G_A	Genomic Screen
726	BARC_1_01_Gm13_5993892_T_C	Gm13	5993892_T_C	Genomic Screen
727	BARC_1_01_Gm13_6962601_A_G	Gm13	6962601_A_G	Genomic Screen
728	BARC_1_01_Gm13_7381714_A_G	Gm13	7381714_A_G	Genomic Screen
729	BARC_1_01_Gm13_7559523_G_A	Gm13	7559523_G_A	Genomic Screen
730	BARC_1_01_Gm13_7733811_C_T	Gm13	7733811_C_T	Genomic Screen
731	BARC_1_01_Gm13_8232824_G_T	Gm13	8232824_G_T	Genomic Screen
732	BARC_1_01_Gm13_8529479_G_T	Gm13	8529479_G_T	Genomic Screen
733	BARC_1_01_Gm13_8720423_A_G	Gm13	8720423_A_G	Genomic Screen
734	BARC_1_01_Gm13_9993080_C_T	Gm13	9993080_C_T	Genomic Screen
735	BARC_1_01_Gm13_10630165_T_C	Gm13	10630165_T_C	Genomic Screen
736	BARC_1_01_Gm13_12158356_T_G	Gm13	12158356_T_G	Genomic Screen
737	BARC_1_01_Gm13_13159950_C_A	Gm13	13159950_C_A	Genomic Screen

738	BARC_1_01_Gm13_13756682_A_G	Gm13	13756682_A_G	Genomic Screen
739	BARC_1_01_Gm13_16721293_A_G	Gm13	16721293_A_G	Genomic Screen
740	BARC_1_01_Gm13_17652991_A_G	Gm13	17652991_A_G	Genomic Screen
741	BARC_1_01_Gm13_19452973_G_A	Gm13	19452973_G_A	Genomic Screen
742	BARC_1_01_Gm13_23686614_T_C	Gm13	23686614_T_C	Genomic Screen
743	BARC_1_01_Gm13_25271849_T_G	Gm13	25271849_T_G	Genomic Screen
744	BARC_1_01_Gm13_25707705_G_A	Gm13	25707705_G_A	Genomic Screen
745	BARC_1_01_Gm13_26291720_T_G	Gm13	26291720_T_G	Genomic Screen
746	BARC_1_01_Gm13_26668562_C_T	Gm13	26668562_C_T	Genomic Screen
747	BARC_1_01_Gm13_27132590_C_T	Gm13	27132590_C_T	Genomic Screen
748	BARC_1_01_Gm13_27665585_A_G	Gm13	27665585_A_G	Genomic Screen
749	BARC_1_01_Gm13_27846120_C_T	Gm13	27846120_C_T	Genomic Screen
750	BARC_1_01_Gm13_28339993_G_A	Gm13	28339993_G_A	Genomic Screen
751	BARC_1_01_Gm13_28544194_T_C	Gm13	28544194_T_C	Genomic Screen
752	BARC_1_01_Gm13_29265240_A_G	Gm13	29265240_A_G	Genomic Screen
753	BARC_1_01_Gm13_30183643_G_T	Gm13	30183643_G_T	Genomic Screen
754	BARC_1_01_Gm13_30896864_A_G	Gm13	30896864_A_G	Genomic Screen
755	BARC_1_01_Gm13_31262161_G_A	Gm13	31262161_G_A	Genomic Screen
756	BARC_1_01_Gm13_31736878_G_A	Gm13	31736878_G_A	Genomic Screen
757	BARC_1_01_Gm13_32254260_T_C	Gm13	32254260_T_C	Genomic Screen
758	BARC_1_01_Gm13_32795953_T_G	Gm13	32795953_T_G	Genomic Screen
759	BARC_1_01_Gm13_33004100_T_G	Gm13	33004100_T_G	Genomic Screen
760	BARC_1_01_Gm13_33124381_A_G	Gm13	33124381_A_G	Genomic Screen
761	BARC_1_01_Gm13_33306556_A_G	Gm13	33306556_A_G	Genomic Screen



762	BARC_1_01_Gm13_33821100_A_G	Gm13	33821100_A_G	Genomic Screen
763	BARC_1_01_Gm13_34861415_G_A	Gm13	34861415_G_A	Genomic Screen
764	BARC_1_01_Gm13_35032818_G_A	Gm13	35032818_G_A	Genomic Screen
765	BARC_1_01_Gm13_35117096_C_T	Gm13	35117096_C_T	Genomic Screen
766	BARC_1_01_Gm13_35171829_A_G	Gm13	35171829_A_G	Genomic Screen
767	BARC_1_01_Gm13_35823484_A_G	Gm13	35823484_A_G	Genomic Screen
768	BARC_1_01_Gm13_36031702_T_C	Gm13	36031702_T_C	Genomic Screen
769	BARC_1_01_Gm13_36224364_G_A	Gm13	36224364_G_A	Genomic Screen
770	BARC_1_01_Gm13_36499791_T_C	Gm13	36499791_T_C	Genomic Screen
771	BARC_1_01_Gm13_36822760_A_C	Gm13	36822760_A_C	Genomic Screen
772	BARC_1_01_Gm13_37988956_C_T	Gm13	37988956_C_T	Genomic Screen
773	BARC_1_01_Gm13_38412903_T_G	Gm13	38412903_T_G	Genomic Screen
774	BARC_1_01_Gm13_38840706_A_G	Gm13	38840706_A_G	Genomic Screen
775	BARC_1_01_Gm13_39417983_T_C	Gm13	39417983_T_C	Genomic Screen
776	BARC_1_01_Gm13_39801689_C_T	Gm13	39801689_C_T	Genomic Screen
777	BARC_1_01_Gm13_39978113_C_A	Gm13	39978113_C_A	Genomic Screen
778	BARC_1_01_Gm13_40899875_A_G	Gm13	40899875_A_G	Genomic Screen
779	BARC_1_01_Gm13_41210917_T_G	Gm13	41210917_T_G	Genomic Screen
780	BARC_1_01_Gm14_86112_G_A	Gm14	86112_G_A	Genomic Screen
781	BARC_1_01_Gm14_425198_A_G	Gm14	425198_A_G	Genomic Screen
782	BARC_1_01_Gm14_837938_T_C	Gm14	837938_T_C	Genomic Screen
783	BARC_1_01_Gm14_1340473_G_T	Gm14	1340473_G_T	Genomic Screen
784	BARC_1_01_Gm14_1495353_T_C	Gm14	1495353_T_C	Genomic Screen
785	BARC_1_01_Gm14_1723025_T_C	Gm14	1723025_T_C	Genomic Screen

786	BARC_1_01_Gm14_2480875_A_C	Gm14	2480875_A_C	Genomic Screen
787	BARC_1_01_Gm14_3346328_C_T	Gm14	3346328_C_T	Genomic Screen
788	BARC_1_01_Gm14_3648283_C_T	Gm14	3648283_C_T	Genomic Screen
789	BARC_1_01_Gm14_3779194_T_C	Gm14	3779194_T_C	Genomic Screen
790	BARC_1_01_Gm14_4056741_C_T	Gm14	4056741_C_T	Genomic Screen
791	BARC_1_01_Gm14_4087624_G_A	Gm14	4087624_G_A	Genomic Screen
792	BARC_1_01_Gm14_4571618_G_A	Gm14	4571618_G_A	Genomic Screen
793	BARC_1_01_Gm14_4956317_G_A	Gm14	4956317_G_A	Genomic Screen
794	BARC_1_01_Gm14_5603904_A_G	Gm14	5603904_A_G	Genomic Screen
795	BARC_1_01_Gm14_6203160_A_G	Gm14	6203160_A_G	Genomic Screen
796	BARC_1_01_Gm14_6448182_T_G	Gm14	6448182_T_G	Genomic Screen
797	BARC_1_01_Gm14_6659109_T_C	Gm14	6659109_T_C	Genomic Screen
798	BARC_1_01_Gm14_7387315_T_G	Gm14	7387315_T_G	Genomic Screen
799	BARC_1_01_Gm14_8128492_T_G	Gm14	8128492_T_G	Genomic Screen
800	BARC_1_01_Gm14_8294330_A_G	Gm14	8294330_A_G	Genomic Screen
801	BARC_1_01_Gm14_8918021_T_G	Gm14	8918021_T_G	Genomic Screen
802	BARC_1_01_Gm14_9307586_A_G	Gm14	9307586_A_G	Genomic Screen
803	BARC_1_01_Gm14_9525103_T_C	Gm14	9525103_T_C	Genomic Screen
804	BARC_1_01_Gm14_9642828_T_C	Gm14	9642828_T_C	Genomic Screen
805	BARC_1_01_Gm14_10071491_C_T	Gm14	10071491_C_T	Genomic Screen
806	BARC_1_01_Gm14_10197799_A_G	Gm14	10197799_A_G	Genomic Screen
807	BARC_1_01_Gm14_10360733_C_T	Gm14	10360733_C_T	Genomic Screen
808	BARC_1_01_Gm14_10704639_A_G	Gm14	10704639_A_G	Genomic Screen
809	BARC_1_01_Gm14_12224854_G_A	Gm14	12224854_G_A	Genomic Screen

810	BARC_1_01_Gm14_12850710_T_C	Gm14	12850710_T_C	Genomic Screen
811	BARC_1_01_Gm14_13290049_C_T	Gm14	13290049_C_T	Genomic Screen
812	BARC_1_01_Gm14_13614066_T_G	Gm14	13614066_T_G	Genomic Screen
813	BARC_1_01_Gm14_19373649_A_G	Gm14	19373649_A_G	Genomic Screen
814	BARC_1_01_Gm14_26132219_T_C	Gm14	26132219_T_C	Genomic Screen
815	BARC_1_01_Gm14_28361034_A_G	Gm14	28361034_A_G	Genomic Screen
816	BARC_1_01_Gm14_30024382_T_C	Gm14	30024382_T_C	Genomic Screen
817	BARC_1_01_Gm14_31829614_G_T	Gm14	31829614_G_T	Genomic Screen
818	BARC_1_01_Gm14_32629667_A_C	Gm14	32629667_A_C	Genomic Screen
819	BARC_1_01_Gm14_33918871_C_T	Gm14	33918871_C_T	Genomic Screen
820	BARC_1_01_Gm14_35678375_G_A	Gm14	35678375_G_A	Genomic Screen
821	BARC_1_01_Gm14_37234273_G_A	Gm14	37234273_G_A	Genomic Screen
822	BARC_1_01_Gm14_39336505_C_T	Gm14	39336505_C_T	Genomic Screen
823	BARC_1_01_Gm14_40852336_C_T	Gm14	40852336_C_T	Genomic Screen
824	BARC_1_01_Gm14_40986359_T_C	Gm14	40986359_T_C	Genomic Screen
825	BARC_1_01_Gm14_42974017_G_A	Gm14	42974017_G_A	Genomic Screen
826	BARC_1_01_Gm14_43744309_A_G	Gm14	43744309_A_G	Genomic Screen
827	BARC_1_01_Gm14_44393026_T_C	Gm14	44393026_T_C	Genomic Screen
828	BARC_1_01_Gm14_44697544_T_C	Gm14	44697544_T_C	Genomic Screen
829	BARC_1_01_Gm14_45186718_A_G	Gm14	45186718_A_G	Genomic Screen
830	BARC_1_01_Gm14_45901019_T_C	Gm14	45901019_T_C	Genomic Screen
831	BARC_1_01_Gm14_46557629_T_G	Gm14	46557629_T_G	Genomic Screen
832	BARC_1_01_Gm14_47418167_T_C	Gm14	47418167_T_C	Genomic Screen
833	BARC_1_01_Gm14_47636308_T_G	Gm14	47636308_T_G	Genomic Screen

834	BARC_1_01_Gm14_48026115_C_T	Gm14	48026115_C_T	Genomic Screen
835	BARC_1_01_Gm14_48129511_T_C	Gm14	48129511_T_C	Genomic Screen
836	BARC_1_01_Gm15_193939_A_G	Gm15	193939_A_G	Genomic Screen
837	BARC_1_01_Gm15_741627_C_A	Gm15	741627_C_A	Genomic Screen
838	BARC_1_01_Gm15_1463586_T_C	Gm15	1463586_T_C	Genomic Screen
839	BARC_1_01_Gm15_1618820_C_T	Gm15	1618820_C_T	Genomic Screen
840	BARC_1_01_Gm15_1910769_G_A	Gm15	1910769_G_A	Genomic Screen
841	BARC_1_01_Gm15_1969687_A_G	Gm15	1969687_A_G	Genomic Screen
842	BARC_1_01_Gm15_2072075_A_G	Gm15	2072075_A_G	Genomic Screen
843	BARC_1_01_Gm15_2729636_A_C	Gm15	2729636_A_C	Genomic Screen
844	BARC_1_01_Gm15_2781077_T_C	Gm15	2781077_T_C	Genomic Screen
845	BARC_1_01_Gm15_3281983_G_A	Gm15	3281983_G_A	Genomic Screen
846	BARC_1_01_Gm15_3621773_C_T	Gm15	3621773_C_T	Genomic Screen
847	BARC_1_01_Gm15_4315169_T_C	Gm15	4315169_T_C	Genomic Screen
848	BARC_1_01_Gm15_5638918_T_G	Gm15	5638918_T_G	Genomic Screen
849	BARC_1_01_Gm15_6047557_T_C	Gm15	6047557_T_C	Genomic Screen
850	BARC_1_01_Gm15_6272006_T_C	Gm15	6272006_T_C	Genomic Screen
851	BARC_1_01_Gm15_6646246_C_T	Gm15	6646246_C_T	Genomic Screen
852	BARC_1_01_Gm15_6674572_A_C	Gm15	6674572_A_C	Genomic Screen
853	BARC_1_01_Gm15_6925513_T_C	Gm15	6925513_T_C	Genomic Screen
854	BARC_1_01_Gm15_7023081_G_A	Gm15	7023081_G_A	Genomic Screen
855	BARC_1_01_Gm15_7147226_G_A	Gm15	7147226_G_A	Genomic Screen
856	BARC_1_01_Gm15_7829610_A_G	Gm15	7829610_A_G	Genomic Screen
857	BARC_1_01_Gm15_8134735_A_G	Gm15	8134735_A_G	Genomic Screen

858	BARC_1_01_Gm15_8579398_C_T	Gm15	8579398_C_T	Genomic Screen
859	BARC_1_01_Gm15_8697425_C_A	Gm15	8697425_C_A	Genomic Screen
860	BARC_1_01_Gm15_8715603_A_G	Gm15	8715603_A_G	Genomic Screen
861	BARC_1_01_Gm15_9164446_A_G	Gm15	9164446_A_G	Genomic Screen
862	BARC_1_01_Gm15_9413370_G_A	Gm15	9413370_G_A	Genomic Screen
863	BARC_1_01_Gm15_9594410_T_C	Gm15	9594410_T_C	Genomic Screen
864	BARC_1_01_Gm15_10416352_C_T	Gm15	10416352_C_T	Genomic Screen
865	BARC_1_01_Gm15_11097098_G_A	Gm15	11097098_G_A	Genomic Screen
866	BARC_1_01_Gm15_11192460_G_A	Gm15	11192460_G_A	Genomic Screen
867	BARC_1_01_Gm15_11496274_T_C	Gm15	11496274_T_C	Genomic Screen
868	BARC_1_01_Gm15_12414192_C_T	Gm15	12414192_C_T	Genomic Screen
869	BARC_1_01_Gm15_12531884_A_G	Gm15	12531884_A_G	Genomic Screen
870	BARC_1_01_Gm15_12643435_T_C	Gm15	12643435_T_C	Genomic Screen
871	BARC_1_01_Gm15_13358960_C_T	Gm15	13358960_C_T	Genomic Screen
872	BARC_1_01_Gm15_13595237_C_T	Gm15	13595237_C_T	Genomic Screen
873	BARC_1_01_Gm15_13828058_G_T	Gm15	13828058_G_T	Genomic Screen
874	BARC_1_01_Gm15_13912259_A_G	Gm15	13912259_A_G	Genomic Screen
875	BARC_1_01_Gm15_14146264_T_C	Gm15	14146264_T_C	Genomic Screen
876	BARC_1_01_Gm15_14243520_C_A	Gm15	14243520_C_A	Genomic Screen
877	BARC_1_01_Gm15_14975243_T_C	Gm15	14975243_T_C	Genomic Screen
878	BARC_1_01_Gm15_15178159_T_C	Gm15	15178159_T_C	Genomic Screen
879	BARC_1_01_Gm15_15261622_T_G	Gm15	15261622_T_G	Genomic Screen
880	BARC_1_01_Gm15_15511644_A_G	Gm15	15511644_A_G	Genomic Screen
881	BARC_1_01_Gm15_15638272_G_A	Gm15	15638272_G_A	Genomic Screen

882	BARC_1_01_Gm15_15746095_G_A	Gm15	15746095_G_A	Genomic Screen
883	BARC_1_01_Gm15_15952535_C_A	Gm15	15952535_C_A	Genomic Screen
884	BARC_1_01_Gm15_20639275_T_C	Gm15	20639275_T_C	Genomic Screen
885	BARC_1_01_Gm15_21151124_A_G	Gm15	21151124_A_G	Genomic Screen
886	BARC_1_01_Gm15_22112626_G_A	Gm15	22112626_G_A	Genomic Screen
887	BARC_1_01_Gm15_23567997_G_A	Gm15	23567997_G_A	Genomic Screen
888	BARC_1_01_Gm15_25017497_G_A	Gm15	25017497_G_A	Genomic Screen
889	BARC_1_01_Gm15_25514805_G_A	Gm15	25514805_G_A	Genomic Screen
890	BARC_1_01_Gm15_26275176_G_A	Gm15	26275176_G_A	Genomic Screen
891	BARC_1_01_Gm15_27571570_A_G	Gm15	27571570_A_G	Genomic Screen
892	BARC_1_01_Gm15_28588212_T_C	Gm15	28588212_T_C	Genomic Screen
893	BARC_1_01_Gm15_28916718_C_A	Gm15	28916718_C_A	Genomic Screen
894	BARC_1_01_Gm15_29956672_C_T	Gm15	29956672_C_T	Genomic Screen
895	BARC_1_01_Gm15_30958503_T_C	Gm15	30958503_T_C	Genomic Screen
896	BARC_1_01_Gm15_32298822_C_T	Gm15	32298822_C_T	Genomic Screen
897	BARC_1_01_Gm15_33030559_A_G	Gm15	33030559_A_G	Genomic Screen
898	BARC_1_01_Gm15_34248718_A_G	Gm15	34248718_A_G	Genomic Screen
899	BARC_1_01_Gm15_34798953_C_T	Gm15	34798953_C_T	Genomic Screen
900	BARC_1_01_Gm15_36090790_G_A	Gm15	36090790_G_A	Genomic Screen
901	BARC_1_01_Gm15_36727035_C_T	Gm15	36727035_C_T	Genomic Screen
902	BARC_1_01_Gm15_37433934_A_G	Gm15	37433934_A_G	Genomic Screen
903	BARC_1_01_Gm15_38604104_G_A	Gm15	38604104_G_A	Genomic Screen
904	BARC_1_01_Gm15_39888568_G_A	Gm15	39888568_G_A	Genomic Screen
905	BARC_1_01_Gm15_44835540_A_G	Gm15	44835540_A_G	Genomic Screen

906	BARC_1_01_Gm15_45037800_T_C	Gm15	45037800_T_C	Genomic Screen
907	BARC_1_01_Gm15_45518497_T_C	Gm15	45518497_T_C	Genomic Screen
908	BARC_1_01_Gm15_45725175_G_A	Gm15	45725175_G_A	Genomic Screen
909	BARC_1_01_Gm15_46014592_T_C	Gm15	46014592_T_C	Genomic Screen
910	BARC_1_01_Gm15_46669029_G_T	Gm15	46669029_G_T	Genomic Screen
911	BARC_1_01_Gm15_47184927_T_G	Gm15	47184927_T_G	Genomic Screen
912	BARC_1_01_Gm15_47871831_A_C	Gm15	47871831_A_C	Genomic Screen
913	BARC_1_01_Gm15_48117938_G_A	Gm15	48117938_G_A	Genomic Screen
914	BARC_1_01_Gm15_48596343_G_A	Gm15	48596343_G_A	Genomic Screen
915	BARC_1_01_Gm15_48653554_A_C	Gm15	48653554_A_C	Genomic Screen
916	BARC_1_01_Gm15_48727813_T_C	Gm15	48727813_T_C	Genomic Screen
917	BARC_1_01_Gm15_48802538_C_A	Gm15	48802538_C_A	Genomic Screen
918	BARC_1_01_Gm15_49023306_T_G	Gm15	49023306_T_G	Genomic Screen
919	BARC_1_01_Gm15_49226394_G_A	Gm15	49226394_G_A	Genomic Screen
920	BARC_1_01_Gm15_49401353_T_G	Gm15	49401353_T_G	Genomic Screen
921	BARC_1_01_Gm15_49543373_C_T	Gm15	49543373_C_T	Genomic Screen
922	BARC_1_01_Gm15_50195113_A_G	Gm15	50195113_A_G	Genomic Screen
923	BARC_1_01_Gm15_50443107_T_G	Gm15	50443107_T_G	Genomic Screen
924	BARC_1_01_Gm15_50864537_A_G	Gm15	50864537_A_G	Genomic Screen
925	BARC_1_01_Gm16_35846_A_G	Gm16	35846_A_G	Genomic Screen
926	BARC_1_01_Gm16_298188_C_A	Gm16	298188_C_A	Genomic Screen
927	BARC_1_01_Gm16_390551_A_G	Gm16	390551_A_G	Genomic Screen
928	BARC_1_01_Gm16_901279_T_C	Gm16	901279_T_C	Genomic Screen
929	BARC_1_01_Gm16_1332815_C_T	Gm16	1332815_C_T	Genomic Screen

930	BARC_1_01_Gm16_1484224_C_T	Gm16	1484224_C_T	Genomic Screen
931	BARC_1_01_Gm16_1566778_T_C	Gm16	1566778_T_C	Genomic Screen
932	BARC_1_01_Gm16_1755870_A_G	Gm16	1755870_A_G	Genomic Screen
933	BARC_1_01_Gm16_1936692_C_A	Gm16	1936692_C_A	Genomic Screen
934	BARC_1_01_Gm16_2405914_A_G	Gm16	2405914_A_G	Genomic Screen
935	BARC_1_01_Gm16_3246299_T_G	Gm16	3246299_T_G	Genomic Screen
936	BARC_1_01_Gm16_3775913_T_C	Gm16	3775913_T_C	Genomic Screen
937	BARC_1_01_Gm16_4436009_C_T	Gm16	4436009_C_T	Genomic Screen
938	BARC_1_01_Gm16_5340777_C_T	Gm16	5340777_C_T	Genomic Screen
939	BARC_1_01_Gm16_5656680_T_C	Gm16	5656680_T_C	Genomic Screen
940	BARC_1_01_Gm16_6061510_C_T	Gm16	6061510_C_T	Genomic Screen
941	BARC_1_01_Gm16_6840143_G_A	Gm16	6840143_G_A	Genomic Screen
942	BARC_1_01_Gm16_7018526_T_C	Gm16	7018526_T_C	Genomic Screen
943	BARC_1_01_Gm16_7525351_G_A	Gm16	7525351_G_A	Genomic Screen
944	BARC_1_01_Gm16_7636967_C_T	Gm16	7636967_C_T	Genomic Screen
945	BARC_1_01_Gm16_8354720_G_A	Gm16	8354720_G_A	Genomic Screen
946	BARC_1_01_Gm16_9014032_G_T	Gm16	9014032_G_T	Genomic Screen
947	BARC_1_01_Gm16_10243181_A_G	Gm16	10243181_A_G	Genomic Screen
948	BARC_1_01_Gm16_11091505_C_T	Gm16	11091505_C_T	Genomic Screen
949	BARC_1_01_Gm16_11889238_A_G	Gm16	11889238_A_G	Genomic Screen
950	BARC_1_01_Gm16_13657908_C_T	Gm16	13657908_C_T	Genomic Screen
951	BARC_1_01_Gm16_17780867_A_G	Gm16	17780867_A_G	Genomic Screen
952	BARC_1_01_Gm16_18732921_A_G	Gm16	18732921_A_G	Genomic Screen
953	BARC_1_01_Gm16_22937295_T_C	Gm16	22937295_T_C	Genomic Screen



954	BARC_1_01_Gm16_24329186_A_C	Gm16	24329186_A_C	Genomic Screen
955	BARC_1_01_Gm16_24793404_C_T	Gm16	24793404_C_T	Genomic Screen
956	BARC_1_01_Gm16_25378270_A_G	Gm16	25378270_A_G	Genomic Screen
957	BARC_1_01_Gm16_27521057_G_T	Gm16	27521057_G_T	Genomic Screen
958	BARC_1_01_Gm16_28266706_T_C	Gm16	28266706_T_C	Genomic Screen
959	BARC_1_01_Gm16_28792833_T_C	Gm16	28792833_T_C	Genomic Screen
960	BARC_1_01_Gm16_28901653_G_A	Gm16	28901653_G_A	Genomic Screen
961	BARC_1_01_Gm16_30308287_A_C	Gm16	30308287_A_C	Genomic Screen
962	BARC_1_01_Gm16_31161985_G_A	Gm16	31161985_G_A	Genomic Screen
963	BARC_1_01_Gm16_31837545_C_T	Gm16	31837545_C_T	Genomic Screen
964	BARC_1_01_Gm16_32534697_A_G	Gm16	32534697_A_G	Genomic Screen
965	BARC_1_01_Gm16_33457667_T_G	Gm16	33457667_T_G	Genomic Screen
966	BARC_1_01_Gm16_35135922_T_C	Gm16	35135922_T_C	Genomic Screen
967	BARC_1_01_Gm16_35643452_C_T	Gm16	35643452_C_T	Genomic Screen
968	BARC_1_01_Gm16_36271795_C_T	Gm16	36271795_C_T	Genomic Screen
969	BARC_1_01_Gm16_36583867_G_A	Gm16	36583867_G_A	Genomic Screen
970	BARC_1_01_Gm16_37209075_T_G	Gm16	37209075_T_G	Genomic Screen
971	BARC_1_01_Gm17_504609_A_C	Gm17	504609_A_C	Genomic Screen
972	BARC_1_01_Gm17_1462946_A_G	Gm17	1462946_A_G	Genomic Screen
973	BARC_1_01_Gm17_1786016_G_A	Gm17	1786016_G_A	Genomic Screen
974	BARC_1_01_Gm17_2161335_A_G	Gm17	2161335_A_G	Genomic Screen
975	BARC_1_01_Gm17_2327857_T_G	Gm17	2327857_T_G	Genomic Screen
976	BARC_1_01_Gm17_3126540_C_T	Gm17	3126540_C_T	Genomic Screen
977	BARC_1_01_Gm17_3627810_G_A	Gm17	3627810_G_A	Genomic Screen

978	BARC_1_01_Gm17_3915385_T_C	Gm17	3915385_T_C	Genomic Screen
979	BARC_1_01_Gm17_4432877_G_T	Gm17	4432877_G_T	Genomic Screen
980	BARC_1_01_Gm17_4967175_G_A	Gm17	4967175_G_A	Genomic Screen
981	BARC_1_01_Gm17_5294475_T_C	Gm17	5294475_T_C	Genomic Screen
982	BARC_1_01_Gm17_5887651_A_G	Gm17	5887651_A_G	Genomic Screen
983	BARC_1_01_Gm17_6778459_T_G	Gm17	6778459_T_G	Genomic Screen
984	BARC_1_01_Gm17_7280661_C_T	Gm17	7280661_C_T	Genomic Screen
985	BARC_1_01_Gm17_7756014_C_T	Gm17	7756014_C_T	Genomic Screen
986	BARC_1_01_Gm17_8109237_A_C	Gm17	8109237_A_C	Genomic Screen
987	BARC_1_01_Gm17_8449684_G_A	Gm17	8449684_G_A	Genomic Screen
988	BARC_1_01_Gm17_8595668_T_C	Gm17	8595668_T_C	Genomic Screen
989	BARC_1_01_Gm17_8956091_G_A	Gm17	8956091_G_A	Genomic Screen
990	BARC_1_01_Gm17_9191781_T_C	Gm17	9191781_T_C	Genomic Screen
991	BARC_1_01_Gm17_9590152_T_G	Gm17	9590152_T_G	Genomic Screen
992	BARC_1_01_Gm17_10106704_C_T	Gm17	10106704_C_T	Genomic Screen
993	BARC_1_01_Gm17_11683326_G_A	Gm17	11683326_G_A	Genomic Screen
994	BARC_1_01_Gm17_11915787_T_G	Gm17	11915787_T_G	Genomic Screen
995	BARC_1_01_Gm17_12521600_G_T	Gm17	12521600_G_T	Genomic Screen
996	BARC_1_01_Gm17_12842825_C_T	Gm17	12842825_C_T	Genomic Screen
997	BARC_1_01_Gm17_13127250_C_T	Gm17	13127250_C_T	Genomic Screen
998	BARC_1_01_Gm17_13349399_G_A	Gm17	13349399_G_A	Genomic Screen
999	BARC_1_01_Gm17_13605594_G_T	Gm17	13605594_G_T	Genomic Screen
1000	BARC_1_01_Gm17_14127379_T_C	Gm17	14127379_T_C	Genomic Screen
1001	BARC_1_01_Gm17_15493313_G_T	Gm17	15493313_G_T	Genomic Screen

1002	BARC_1_01_Gm17_16158023_A_G	Gm17	16158023_A_G	Genomic Screen
1003	BARC_1_01_Gm17_17726952_A_G	Gm17	17726952_A_G	Genomic Screen
1004	BARC_1_01_Gm17_17971540_A_G	Gm17	17971540_A_G	Genomic Screen
1005	BARC_1_01_Gm17_18770148_A_G	Gm17	18770148_A_G	Genomic Screen
1006	BARC_1_01_Gm17_20043070_T_C	Gm17	20043070_T_C	Genomic Screen
1007	BARC_1_01_Gm17_22702978_G_T	Gm17	22702978_G_T	Genomic Screen
1008	BARC_1_01_Gm17_23618170_C_T	Gm17	23618170_C_T	Genomic Screen
1009	BARC_1_01_Gm17_24474211_A_G	Gm17	24474211_A_G	Genomic Screen
1010	BARC_1_01_Gm17_25294261_G_A	Gm17	25294261_G_A	Genomic Screen
1011	BARC_1_01_Gm17_25728389_A_G	Gm17	25728389_A_G	Genomic Screen
1012	BARC_1_01_Gm17_27791091_G_A	Gm17	27791091_G_A	Genomic Screen
1013	BARC_1_01_Gm17_28453746_T_C	Gm17	28453746_T_C	Genomic Screen
1014	BARC_1_01_Gm17_28538552_C_T	Gm17	28538552_C_T	Genomic Screen
1015	BARC_1_01_Gm17_30225239_A_G	Gm17	30225239_A_G	Genomic Screen
1016	BARC_1_01_Gm17_31111789_G_A	Gm17	31111789_G_A	Genomic Screen
1017	BARC_1_01_Gm17_31544109_C_T	Gm17	31544109_C_T	Genomic Screen
1018	BARC_1_01_Gm17_32625352_A_G	Gm17	32625352_A_G	Genomic Screen
1019	BARC_1_01_Gm17_36118254_A_G	Gm17	36118254_A_G	Genomic Screen
1020	BARC_1_01_Gm17_36382955_A_G	Gm17	36382955_A_G	Genomic Screen
1021	BARC_1_01_Gm17_36610073_C_T	Gm17	36610073_C_T	Genomic Screen
1022	BARC_1_01_Gm17_37204244_A_C	Gm17	37204244_A_C	Genomic Screen
1023	BARC_1_01_Gm17_37843080_C_A	Gm17	37843080_C_A	Genomic Screen
1024	BARC_1_01_Gm17_38170820_T_C	Gm17	38170820_T_C	Genomic Screen
1025	BARC_1_01_Gm17_38461325_T_C	Gm17	38461325_T_C	Genomic Screen

1026	BARC_1_01_Gm17_38840463_A_G	Gm17	38840463_A_G	Genomic Screen
1027	BARC_1_01_Gm17_39479718_C_T	Gm17	39479718_C_T	Genomic Screen
1028	BARC_1_01_Gm17_39804515_T_C	Gm17	39804515_T_C	Genomic Screen
1029	BARC_1_01_Gm17_40102736_A_C	Gm17	40102736_A_C	Genomic Screen
1030	BARC_1_01_Gm17_40876856_G_A	Gm17	40876856_G_A	Genomic Screen
1031	BARC_1_01_Gm17_41202044_T_C	Gm17	41202044_T_C	Genomic Screen
1032	BARC_1_01_Gm18_54979_G_A	Gm18	54979_G_A	Genomic Screen
1033	BARC_1_01_Gm18_580733_C_T	Gm18	580733_C_T	Genomic Screen
1034	BARC_1_01_Gm18_963047_A_G	Gm18	963047_A_G	Genomic Screen
1035	BARC_1_01_Gm18_1308443_A_G	Gm18	1308443_A_G	Genomic Screen
1036	BARC_1_01_Gm18_2103682_T_G	Gm18	2103682_T_G	Genomic Screen
1037	BARC_1_01_Gm18_2788360_G_T	Gm18	2788360_G_T	Genomic Screen
1038	BARC_1_01_Gm18_3448045_A_G	Gm18	3448045_A_G	Genomic Screen
1039	BARC_1_01_Gm18_4235290_T_C	Gm18	4235290_T_C	Genomic Screen
1040	BARC_1_01_Gm18_4979434_T_G	Gm18	4979434_T_G	Genomic Screen
1041	BARC_1_01_Gm18_6032670_T_G	Gm18	6032670_T_G	Genomic Screen
1042	BARC_1_01_Gm18_6528611_G_A	Gm18	6528611_G_A	Genomic Screen
1043	BARC_1_01_Gm18_6909361_G_A	Gm18	6909361_G_A	Genomic Screen
1044	BARC_1_01_Gm18_7290439_G_A	Gm18	7290439_G_A	Genomic Screen
1045	BARC_1_01_Gm18_7790416_C_T	Gm18	7790416_C_T	Genomic Screen
1046	BARC_1_01_Gm18_8777288_A_G	Gm18	8777288_A_G	Genomic Screen
1047	BARC_1_01_Gm18_8937974_T_C	Gm18	8937974_T_C	Genomic Screen
1048	BARC_1_01_Gm18_9033598_G_A	Gm18	9033598_G_A	Genomic Screen
1049	BARC_1_01_Gm18_9382031_T_C	Gm18	9382031_T_C	Genomic Screen

1050	BARC_1_01_Gm18_9678773_T_C	Gm18	9678773_T_C	Genomic Screen
1051	BARC_1_01_Gm18_9834584_T_C	Gm18	9834584_T_C	Genomic Screen
1052	BARC_1_01_Gm18_10114401_T_C	Gm18	10114401_T_C	Genomic Screen
1053	BARC_1_01_Gm18_10709433_A_G	Gm18	10709433_A_G	Genomic Screen
1054	BARC_1_01_Gm18_11342996_T_C	Gm18	11342996_T_C	Genomic Screen
1055	BARC_1_01_Gm18_11614607_T_C	Gm18	11614607_T_C	Genomic Screen
1056	BARC_1_01_Gm18_11781170_C_T	Gm18	11781170_C_T	Genomic Screen
1057	BARC_1_01_Gm18_12025451_T_C	Gm18	12025451_T_C	Genomic Screen
1058	BARC_1_01_Gm18_12406839_A_G	Gm18	12406839_A_G	Genomic Screen
1059	BARC_1_01_Gm18_12477258_A_G	Gm18	12477258_A_G	Genomic Screen
1060	BARC_1_01_Gm18_12805012_G_A	Gm18	12805012_G_A	Genomic Screen
1061	BARC_1_01_Gm18_13166954_A_G	Gm18	13166954_A_G	Genomic Screen
1062	BARC_1_01_Gm18_13242941_T_C	Gm18	13242941_T_C	Genomic Screen
1063	BARC_1_01_Gm18_14396034_A_G	Gm18	14396034_A_G	Genomic Screen
1064	BARC_1_01_Gm18_14859936_G_T	Gm18	14859936_G_T	Genomic Screen
1065	BARC_1_01_Gm18_14951019_T_C	Gm18	14951019_T_C	Genomic Screen
1066	BARC_1_01_Gm18_15595633_A_G	Gm18	15595633_A_G	Genomic Screen
1067	BARC_1_01_Gm18_15669089_G_A	Gm18	15669089_G_A	Genomic Screen
1068	BARC_1_01_Gm18_16141327_G_A	Gm18	16141327_G_A	Genomic Screen
1069	BARC_1_01_Gm18_16558572_C_T	Gm18	16558572_C_T	Genomic Screen
1070	BARC_1_01_Gm18_16728761_A_C	Gm18	16728761_A_C	Genomic Screen
1071	BARC_1_01_Gm18_17690549_C_T	Gm18	17690549_C_T	Genomic Screen
1072	BARC_1_01_Gm18_18199183_G_A	Gm18	18199183_G_A	Genomic Screen
1073	BARC_1_01_Gm18_18565643_A_C	Gm18	18565643_A_C	Genomic Screen

1074	BARC_1_01_Gm18_18650956_C_T	Gm18	18650956_C_T	Genomic Screen
1075	BARC_1_01_Gm18_19349342_C_T	Gm18	19349342_C_T	Genomic Screen
1076	BARC_1_01_Gm18_20016356_G_A	Gm18	20016356_G_A	Genomic Screen
1077	BARC_1_01_Gm18_20636417_C_T	Gm18	20636417_C_T	Genomic Screen
1078	BARC_1_01_Gm18_21042079_T_C	Gm18	21042079_T_C	Genomic Screen
1079	BARC_1_01_Gm18_21626428_C_A	Gm18	21626428_C_A	Genomic Screen
1080	BARC_1_01_Gm18_21873812_C_T	Gm18	21873812_C_T	Genomic Screen
1081	BARC_1_01_Gm18_22369640_C_T	Gm18	22369640_C_T	Genomic Screen
1082	BARC_1_01_Gm18_23775050_C_T	Gm18	23775050_C_T	Genomic Screen
1083	BARC_1_01_Gm18_25169738_G_A	Gm18	25169738_G_A	Genomic Screen
1084	BARC_1_01_Gm18_26396917_A_G	Gm18	26396917_A_G	Genomic Screen
1085	BARC_1_01_Gm18_27207283_T_C	Gm18	27207283_T_C	Genomic Screen
1086	BARC_1_01_Gm18_27607706_A_G	Gm18	27607706_A_G	Genomic Screen
1087	BARC_1_01_Gm18_28659934_A_G	Gm18	28659934_A_G	Genomic Screen
1088	BARC_1_01_Gm18_29768394_G_A	Gm18	29768394_G_A	Genomic Screen
1089	BARC_1_01_Gm18_31838260_G_T	Gm18	31838260_G_T	Genomic Screen
1090	BARC_1_01_Gm18_32169391_A_G	Gm18	32169391_A_G	Genomic Screen
1091	BARC_1_01_Gm18_33112765_G_A	Gm18	33112765_G_A	Genomic Screen
1092	BARC_1_01_Gm18_34158032_G_A	Gm18	34158032_G_A	Genomic Screen
1093	BARC_1_01_Gm18_34931761_C_T	Gm18	34931761_C_T	Genomic Screen
1094	BARC_1_01_Gm18_36637036_C_T	Gm18	36637036_C_T	Genomic Screen
1095	BARC_1_01_Gm18_36929655_T_C	Gm18	36929655_T_C	Genomic Screen
1096	BARC_1_01_Gm18_37934784_G_T	Gm18	37934784_G_T	Genomic Screen
1097	BARC_1_01_Gm18_38257741_G_A	Gm18	38257741_G_A	Genomic Screen

1098	BARC_1_01_Gm18_41666886_T_C	Gm18	41666886_T_C	Genomic Screen
1099	BARC_1_01_Gm18_46416185_A_C	Gm18	46416185_A_C	Genomic Screen
1100	BARC_1_01_Gm18_47380987_A_G	Gm18	47380987_A_G	Genomic Screen
1101	BARC_1_01_Gm18_47433491_G_A	Gm18	47433491_G_A	Genomic Screen
1102	BARC_1_01_Gm18_47878067_A_C	Gm18	47878067_A_C	Genomic Screen
1103	BARC_1_01_Gm18_48414661_T_C	Gm18	48414661_T_C	Genomic Screen
1104	BARC_1_01_Gm18_48678473_G_A	Gm18	48678473_G_A	Genomic Screen
1105	BARC_1_01_Gm18_48849749_A_C	Gm18	48849749_A_C	Genomic Screen
1106	BARC_1_01_Gm18_51160178_T_C	Gm18	51160178_T_C	Genomic Screen
1107	BARC_1_01_Gm18_51285978_A_G	Gm18	51285978_A_G	Genomic Screen
1108	BARC_1_01_Gm18_51525500_A_G	Gm18	51525500_A_G	Genomic Screen
1109	BARC_1_01_Gm18_51772288_T_C	Gm18	51772288_T_C	Genomic Screen
1110	BARC_1_01_Gm18_52751146_G_A	Gm18	52751146_G_A	Genomic Screen
1111	BARC_1_01_Gm18_53457728_G_A	Gm18	53457728_G_A	Genomic Screen
1112	BARC_1_01_Gm18_53762458_A_G	Gm18	53762458_A_G	Genomic Screen
1113	BARC_1_01_Gm18_54546234_C_T	Gm18	54546234_C_T	Genomic Screen
1114	BARC_1_01_Gm18_54953350_A_G	Gm18	54953350_A_G	Genomic Screen
1115	BARC_1_01_Gm18_55484045_A_G	Gm18	55484045_A_G	Genomic Screen
1116	BARC_1_01_Gm18_56097147_A_G	Gm18	56097147_A_G	Genomic Screen
1117	BARC_1_01_Gm18_56571714_C_T	Gm18	56571714_C_T	Genomic Screen
1118	BARC_1_01_Gm18_57227205_C_A	Gm18	57227205_C_A	Genomic Screen
1119	BARC_1_01_Gm18_57832929_C_A	Gm18	57832929_C_A	Genomic Screen
1120	BARC_1_01_Gm18_58521532_G_T	Gm18	58521532_G_T	Genomic Screen
1121	BARC_1_01_Gm18_59009549_G_A	Gm18	59009549_G_A	Genomic Screen

1122	BARC_1_01_Gm18_59083419_T_C	Gm18	59083419_T_C	Genomic Screen
1123	BARC_1_01_Gm18_59830615_A_C	Gm18	59830615_A_C	Genomic Screen
1124	BARC_1_01_Gm18_60625180_A_C	Gm18	60625180_A_C	Genomic Screen
1125	BARC_1_01_Gm18_61065114_G_A	Gm18	61065114_G_A	Genomic Screen
1126	BARC_1_01_Gm18_61450878_G_T	Gm18	61450878_G_T	Genomic Screen
1127	BARC_1_01_Gm18_61723602_C_T	Gm18	61723602_C_T	Genomic Screen
1128	BARC_1_01_Gm19_1420943_T_C	Gm19	1420943_T_C	Genomic Screen
1129	BARC_1_01_Gm19_1565909_A_G	Gm19	1565909_A_G	Genomic Screen
1130	BARC_1_01_Gm19_1974292_A_G	Gm19	1974292_A_G	Genomic Screen
1131	BARC_1_01_Gm19_2067992_A_G	Gm19	2067992_A_G	Genomic Screen
1132	BARC_1_01_Gm19_2372133_C_T	Gm19	2372133_C_T	Genomic Screen
1133	BARC_1_01_Gm19_3149820_T_C	Gm19	3149820_T_C	Genomic Screen
1134	BARC_1_01_Gm19_3458700_A_G	Gm19	3458700_A_G	Genomic Screen
1135	BARC_1_01_Gm19_4277068_A_G	Gm19	4277068_A_G	Genomic Screen
1136	BARC_1_01_Gm19_5343096_T_C	Gm19	5343096_T_C	Genomic Screen
1137	BARC_1_01_Gm19_5583642_C_T	Gm19	5583642_C_T	Genomic Screen
1138	BARC_1_01_Gm19_7386845_G_A	Gm19	7386845_G_A	Genomic Screen
1139	BARC_1_01_Gm19_8197899_T_C	Gm19	8197899_T_C	Genomic Screen
1140	BARC_1_01_Gm19_8463500_C_T	Gm19	8463500_C_T	Genomic Screen
1141	BARC_1_01_Gm19_8530364_G_A	Gm19	8530364_G_A	Genomic Screen
1142	BARC_1_01_Gm19_8641214_A_G	Gm19	8641214_A_G	Genomic Screen
1143	BARC_1_01_Gm19_8988500_G_A	Gm19	8988500_G_A	Genomic Screen
1144	BARC_1_01_Gm19_9513765_C_A	Gm19	9513765_C_A	Genomic Screen
1145	BARC_1_01_Gm19_11154958_T_C	Gm19	11154958_T_C	Genomic Screen



1146	BARC_1_01_Gm19_12915522_A_G	Gm19	12915522_A_G	Genomic Screen
1147	BARC_1_01_Gm19_14259604_G_A	Gm19	14259604_G_A	Genomic Screen
1148	BARC_1_01_Gm19_14896890_G_A	Gm19	14896890_G_A	Genomic Screen
1149	BARC_1_01_Gm19_16222413_G_T	Gm19	16222413_G_T	Genomic Screen
1150	BARC_1_01_Gm19_17130920_C_T	Gm19	17130920_C_T	Genomic Screen
1151	BARC_1_01_Gm19_18073747_A_G	Gm19	18073747_A_G	Genomic Screen
1152	BARC_1_01_Gm19_19001554_G_A	Gm19	19001554_G_A	Genomic Screen
1153	BARC_1_01_Gm19_19343619_C_T	Gm19	19343619_C_T	Genomic Screen
1154	BARC_1_01_Gm19_20884990_T_C	Gm19	20884990_T_C	Genomic Screen
1155	BARC_1_01_Gm19_22281909_G_A	Gm19	22281909_G_A	Genomic Screen
1156	BARC_1_01_Gm19_23297209_C_T	Gm19	23297209_C_T	Genomic Screen
1157	BARC_1_01_Gm19_24007348_T_C	Gm19	24007348_T_C	Genomic Screen
1158	BARC_1_01_Gm19_25524688_C_T	Gm19	25524688_C_T	Genomic Screen
1159	BARC_1_01_Gm19_26473354_C_T	Gm19	26473354_C_T	Genomic Screen
1160	BARC_1_01_Gm19_30103637_T_C	Gm19	30103637_T_C	Genomic Screen
1161	BARC_1_01_Gm19_32194361_T_C	Gm19	32194361_T_C	Genomic Screen
1162	BARC_1_01_Gm19_33380479_G_T	Gm19	33380479_G_T	Genomic Screen
1163	BARC_1_01_Gm19_33847882_G_A	Gm19	33847882_G_A	Genomic Screen
1164	BARC_1_01_Gm19_34006819_T_G	Gm19	34006819_T_G	Genomic Screen
1165	BARC_1_01_Gm19_34339992_A_G	Gm19	34339992_A_G	Genomic Screen
1166	BARC_1_01_Gm19_35007908_T_C	Gm19	35007908_T_C	Genomic Screen
1167	BARC_1_01_Gm19_35240406_C_T	Gm19	35240406_C_T	Genomic Screen
1168	BARC_1_01_Gm19_35358097_T_C	Gm19	35358097_T_C	Genomic Screen
1169	BARC_1_01_Gm19_35549926_A_G	Gm19	35549926_A_G	Genomic Screen

1170	BARC_1_01_Gm19_35840587_C_T	Gm19	35840587_C_T	Genomic Screen
1171	BARC_1_01_Gm19_36845991_C_T	Gm19	36845991_C_T	Genomic Screen
1172	BARC_1_01_Gm19_37893995_G_A	Gm19	37893995_G_A	Genomic Screen
1173	BARC_1_01_Gm19_39114852_G_A	Gm19	39114852_G_A	Genomic Screen
1174	BARC_1_01_Gm19_39433067_C_T	Gm19	39433067_C_T	Genomic Screen
1175	BARC_1_01_Gm19_40053178_G_A	Gm19	40053178_G_A	Genomic Screen
1176	BARC_1_01_Gm19_40508288_C_T	Gm19	40508288_C_T	Genomic Screen
1177	BARC_1_01_Gm19_40662679_G_T	Gm19	40662679_G_T	Genomic Screen
1178	BARC_1_01_Gm19_40884097_A_G	Gm19	40884097_A_G	Genomic Screen
1179	BARC_1_01_Gm19_41265238_A_C	Gm19	41265238_A_C	Genomic Screen
1180	BARC_1_01_Gm19_42054264_C_T	Gm19	42054264_C_T	Genomic Screen
1181	BARC_1_01_Gm19_42459502_G_A	Gm19	42459502_G_A	Genomic Screen
1182	BARC_1_01_Gm19_42812863_T_C	Gm19	42812863_T_C	Genomic Screen
1183	BARC_1_01_Gm19_43386606_C_A	Gm19	43386606_C_A	Genomic Screen
1184	BARC_1_01_Gm19_44377195_T_C	Gm19	44377195_T_C	Genomic Screen
1185	BARC_1_01_Gm19_44462578_G_A	Gm19	44462578_G_A	Genomic Screen
1186	BARC_1_01_Gm19_44802873_A_G	Gm19	44802873_A_G	Genomic Screen
1187	BARC_1_01_Gm19_45152186_A_G	Gm19	45152186_A_G	Genomic Screen
1188	BARC_1_01_Gm19_45361938_A_G	Gm19	45361938_A_G	Genomic Screen
1189	BARC_1_01_Gm19_45882216_G_A	Gm19	45882216_G_A	Genomic Screen
1190	BARC_1_01_Gm19_46733772_T_C	Gm19	46733772_T_C	Genomic Screen
1191	BARC_1_01_Gm19_47392861_A_G	Gm19	47392861_A_G	Genomic Screen
1192	BARC_1_01_Gm19_47672198_G_A	Gm19	47672198_G_A	Genomic Screen
1193	BARC_1_01_Gm19_48037479_C_A	Gm19	48037479_C_A	Genomic Screen

1194	BARC_1_01_Gm19_48107469_A_C	Gm19	48107469_A_C	Genomic Screen
1195	BARC_1_01_Gm19_48433644_A_G	Gm19	48433644_A_G	Genomic Screen
1196	BARC_1_01_Gm19_49266400_C_A	Gm19	49266400_C_A	Genomic Screen
1197	BARC_1_01_Gm19_50486916_C_T	Gm19	50486916_C_T	Genomic Screen
1198	BARC_1_01_Gm20_51113_C_T	Gm20	51113_C_T	Genomic Screen
1199	BARC_1_01_Gm20_376751_C_T	Gm20	376751_C_T	Genomic Screen
1200	BARC_1_01_Gm20_763496_A_C	Gm20	763496_A_C	Genomic Screen
1201	BARC_1_01_Gm20_1133712_A_G	Gm20	1133712_A_G	Genomic Screen
1202	BARC_1_01_Gm20_1379470_T_C	Gm20	1379470_T_C	Genomic Screen
1203	BARC_1_01_Gm20_1673167_C_T	Gm20	1673167_C_T	Genomic Screen
1204	BARC_1_01_Gm20_1822177_A_G	Gm20	1822177_A_G	Genomic Screen
1205	BARC_1_01_Gm20_2244000_G_A	Gm20	2244000_G_A	Genomic Screen
1206	BARC_1_01_Gm20_2804571_C_T	Gm20	2804571_C_T	Genomic Screen
1207	BARC_1_01_Gm20_6831960_T_C	Gm20	6831960_T_C	Genomic Screen
1208	BARC_1_01_Gm20_15908501_A_G	Gm20	15908501_A_G	Genomic Screen
1209	BARC_1_01_Gm20_25063646_C_T	Gm20	25063646_C_T	Genomic Screen
1210	BARC_1_01_Gm20_26092580_G_A	Gm20	26092580_G_A	Genomic Screen
1211	BARC_1_01_Gm20_26500747_G_A	Gm20	26500747_G_A	Genomic Screen
1212	BARC_1_01_Gm20_28550287_G_A	Gm20	28550287_G_A	Genomic Screen
1213	BARC_1_01_Gm20_33333326_C_T	Gm20	33333326_C_T	Genomic Screen
1214	BARC_1_01_Gm20_34626867_A_G	Gm20	34626867_A_G	Genomic Screen
1215	BARC_1_01_Gm20_35714111_A_C	Gm20	35714111_A_C	Genomic Screen
1216	BARC_1_01_Gm20_36478507_A_G	Gm20	36478507_A_G	Genomic Screen
1217	BARC_1_01_Gm20_36728646_A_C	Gm20	36728646_A_C	Genomic Screen

1218	BARC_1_01_Gm20_37211061_A_G	Gm20	37211061_A_G	Genomic Screen
1219	BARC_1_01_Gm20_38040816_A_G	Gm20	38040816_A_G	Genomic Screen
1220	BARC_1_01_Gm20_38616560_T_C	Gm20	38616560_T_C	Genomic Screen
1221	BARC_1_01_Gm20_39523137_A_G	Gm20	39523137_A_G	Genomic Screen
1222	BARC_1_01_Gm20_40166186_C_A	Gm20	40166186_C_A	Genomic Screen
1223	BARC_1_01_Gm20_40679826_C_A	Gm20	40679826_C_A	Genomic Screen
1224	BARC_1_01_Gm20_40957777_C_T	Gm20	40957777_C_T	Genomic Screen
1225	BARC_1_01_Gm20_41356542_T_C	Gm20	41356542_T_C	Genomic Screen
1226	BARC_1_01_Gm20_41663783_G_A	Gm20	41663783_G_A	Genomic Screen
1227	BARC_1_01_Gm20_42027385_C_A	Gm20	42027385_C_A	Genomic Screen
1228	BARC_1_01_Gm20_42581979_A_G	Gm20	42581979_A_G	Genomic Screen
1229	BARC_1_01_Gm20_42988581_T_G	Gm20	42988581_T_G	Genomic Screen
1230	BARC_1_01_Gm20_43379802_C_T	Gm20	43379802_C_T	Genomic Screen
1231	BARC_1_01_Gm20_43631496_T_C	Gm20	43631496_T_C	Genomic Screen
1232	BARC_1_01_Gm20_43967040_A_G	Gm20	43967040_A_G	Genomic Screen
1233	BARC_1_01_Gm20_44260228_A_G	Gm20	44260228_A_G	Genomic Screen
1234	BARC_1_01_Gm20_44488564_G_A	Gm20	44488564_G_A	Genomic Screen
1235	BARC_1_01_Gm20_44585208_A_G	Gm20	44585208_A_G	Genomic Screen
1236	BARC_1_01_Gm20_44830703_G_T	Gm20	44830703_G_T	Genomic Screen
1237	BARC_1_01_Gm20_44936870_T_C	Gm20	44936870_T_C	Genomic Screen
1238	BARC_1_01_Gm20_45327121_C_A	Gm20	45327121_C_A	Genomic Screen
1239	BARC_1_01_Gm20_45603015_C_A	Gm20	45603015_C_A	Genomic Screen
1240	BARC_1_01_Gm20_45896946_G_A	Gm20	45896946_G_A	Genomic Screen
1241	BARC_1_01_Gm20_46314790_C_T	Gm20	46314790_C_T	Genomic Screen

1242	BARC_1_01_Gm20_46574547_T_C	Gm20	46574547_T_C	Genomic Screen
1243	Green_Seed_Coat_G_g		Wm82.a2.Gm01: 29302948-29303149	Trait Marker
1244	AntiNutritional_kti1			Trait Marker
1245	Hard_seed_coat_hs1-1_Hs1-1		Wm82.a2.Gm02: 41422490-41422691	Trait Marker
1246	Oil_Comp_fad3b_SpliceVar		Wm82.a2.Gm02: 41422113-41422314	Trait Marker
1247	Oil_Comp_fad3b_W741			Trait Marker
1248	Pubs_Tawny_Td_td			Trait Marker
1249	Maturity_E1la_e1la_K82E		Wm82.a2.Gm05: 1128973-1129174	Trait Marker
1250	Oil_Comp_fatb-1a_W231L			Trait Marker
1251	Carb_LowRFO_RS3_rs3_snp6			Trait Marker
1252	Carb_LowRFO_RS3_rs3_G75E			Trait Marker
1253	Oil_Comp_fatb-1a_StoN			Trait Marker
1254	Pubs_Tawny_T_t			Trait Marker
1255	Maturity_e1-as_E1		Wm82.a2.Gm06: 15222005-15222208	Trait Marker
1256	Carb_lowRFO_rs2_W360-			Trait Marker
1257	Shatter_nst1a_NST1A_401R		Wm82.a2.Gm08: 45735692-45735894	Trait Marker
1258	AntiNutritional_kti3			Trait Marker
1259	Black_seed_coat_R_r		Wm82.a2.Gm09: 49803195-49803396	Trait Marker
1260	Oil_Comp_kasIII_SpliceVar			Trait Marker
1261	Maturity_E2_e2		Wm82.a2.Gm10: 50014339-50014540	Trait Marker
1262	Oil_Comp_fad2-1a_S117N		Wm82.a2.Gm10: 50014532-50014733	Trait Marker
1263	Oil_Comp_fad2-1a_indel		Wm82.a2.Gm11: 32968026-32968227	Trait Marker
1264	SCN_a-SNAP			Trait Marker
1265	owering_Time_tof12-1_Tof12			Trait Marker

1266	Seed_Coat-Luster_b1_B1			Trait Marker
1267	Flower_Color_w1_W1		Wm82.a2.Gm13: 30340775-30340976	Trait Marker
1268	Aphid_Resistance_Rag2		Wm82.a2.Gm14: 45937821-45938022	Trait Marker
1269	Oil_Comp_fad3a_SpliceVar		Wm82.a2.Gm14: 45937834-45938035	Trait Marker
1270	Oil_Comp_fad3a_W266		Wm82.a2.Gm15: 1341-1545	Trait Marker
1271	Pro_Oil_GmSweet39_indel			Trait Marker
1272	Shatter_pdh1_Pdh1			Trait Marker
1273	Shatter_nst1b_SHAT1-5			Trait Marker
1274	Stem_Arc_dt2_Dt2			Trait Marker
1275	Maturity_FT1a_ft1a_G105M			Trait Marker
1276	Maturity_FT1a_ft1a_R129P			Trait Marker
1277	Maturity_Ft1b_ft1b_D169A			Trait Marker
1278	Maturity_Ft1b_ft1b_N148D		Wm82.a2.Gm18: 5647037-5647238	Trait Marker
1279	Oil_Comp_fad3c_G128E		Wm82.a2.Gm18: 5648518-5648719	Trait Marker
1280	Oil_Comp_fad3c_H310Y		Wm82.a2.Gm11: 32968026-32968227	Trait Marker
1281	SCN_a-SNAP		Wm82.a2.Gm18: 53223836-53224037	Trait Marker
1282	SCN_Linked_Marker		Wm82.a2.Gm18: 1645302-1645503	Trait Marker
1283	SCN_rhg1-b			Trait Marker
1284	Stem_Arc_Dt1_dt1_R166W			Trait Marker
1285	Stem_Arc_Dt1_dt1_R130K			Trait Marker
1286	Stem_Arc_Dt1_dt1_P113L			Trait Marker
1287	Stem_Arc_Dt1_dt1_R62S			Trait Marker
1288	Maturity_E3_e3-tr			Trait Marker
1289	Narrow_Leaves_Ln_In		Wm82.a2.Gm03:38610863-38611064	Trait Marker

1290	<b>Salt_Tolerance_20</b>		Wm82.a2.Gm03:38622289-38622490	Trait Marker
1291	<b>Salt_Tolerance_11655</b>		Wm82.a2.Gm03:38610921-38611122	Trait Marker
1292	<b>Salt_Tolerance_14056</b>		Wm82.a2.Gm11:32968026-32968227	Trait Marker
1293	<b>SCN_a-SNAP</b>		Highly homologous to Chr05 Wm82.a2.Gm08:8361047-8361248	Trait Marker
1294	<b>SCN_Rhg4</b>		Wm82.a2.Gm10:42572412-42572613	Trait Marker
1295	<b>SCN_linked_Marker</b>		Wm82.a2.Gm20:35317987-35318188	Trait Marker
1296	<b>Oil_comp_fad2-1b_P137R</b>		Wm82.a1.Gm03:45031828-45032029	Trait Marker
1297	<b>IDC_Assoc_Ch03</b>		Wm82.a1.Gm05:8877163-8877364	Trait Marker
1298	<b>IDC_Assoc_Ch05</b>		Wm82.a1.Gm07:6397218-6397419	Trait Marker
1299	<b>IDC_Assoc_Ch07</b>		Wm82.a1.Gm11:530015-530216	Trait Marker
1300	<b>IDC_Assoc_Ch11</b>		Wm82.a1.Gm16:27300015-27300216	Trait Marker
1301	<b>IDC_Assoc_Ch16</b>		Wm82.a1.Gm17:25859891-25860092	Trait Marker
1302	<b>IDC_Assoc_Ch17</b>		Wm82.a1.Gm18:28141787-28141988	Trait Marker
1303	<b>IDC_Assoc_Ch18</b>		Wm82.a1.Gm19:40193463-40193664	Trait Marker
1304	<b>IDC_Assoc_Ch19</b>		Wm82.a1.Gm07:5227183-5227384	Trait Marker
1305	<b>Aphid_Resistance_Rag1</b>		Wm82.a2.Gm13:43771895-43772093	Trait Marker
1306	<b>MSULOX1b</b>		Wm82.a2.Gm13:43743235-43743435	Trait Marker
1307	<b>MSULOX13_1</b>		Wm82.a2.Gm03:4296222-4296422	Trait Marker
1308	<b>MSUSNP03_1</b>		Wm82.a2.Gm03:3409731-3409931	Trait Marker
1309	<b>MAS_RPS1C_1</b>		Wm82.a2.Gm03:3419062-3419262	Trait Marker
1310	<b>MAS_RPS1C_3</b>		Wm82.a2.Gm08:8286910-8287110	Trait Marker
1311	<b>MSURhg4_5</b>		Wm82.a2.Gm07:5938185-5938384	Trait Marker
1312	<b>MSUSNP7_11</b>		Wm82.a2.Gm07:5731333-5731533	Trait Marker
1313	<b>MSUSNP7_18</b>		Wm82.a2.Gm13:14085500-14085700	Trait Marker

1314	<b>MSUSNP13_5</b>		Wm82.a2.Gm13:14039362-14039562	Trait Marker
1315	<b>MSUSNP13_10</b>		Wm82.a2.Gm18:1713510-1713710	Trait Marker
1316	<b>MSURhg1LRK_1</b>		Wm82.a2.Gm18:1714550-1714747	Trait Marker
1317	<b>MSURhg1LRK_3</b>		Wm82.a2.Gm08:8465315-8465515	Trait Marker
1318	<b>MSU08_SDS29</b>		Wm82.a2.Gm16:6771575-6771775	Trait Marker
1319	<b>MSUSNP16_178</b>		Wm82.a2.Gm16:6657316-6657516	Trait Marker
1320	<b>MSUSNP16_187</b>		Wm82.a2.Gm05:32594728-32594928	Trait Marker
1321	<b>MSUqPhsan5_1L</b>		Wm82.a2.Gm16:36203437-36203637	Trait Marker
1322	<b>MSUqPhsan16_1L</b>		Wm82.a2.Gm16:36319228-36319428	Trait Marker
1323	<b>MSUqPhsan16_1R_1</b>		Wm82.a2.Gm16:36436343-36436543	Trait Marker
1324	<b>MSUqPhsan16_1R_2</b>		Wm82.a2.Gm16:7901248-7901448	Trait Marker
1325	<b>MSUqPyirr16_1L</b>		Wm82.a2.Gm15:4333970-4334170	Trait Marker
1326	<b>MSUqPysyl15_1R</b>		Wm82.a2.Gm15:4283709-4283909	Trait Marker