

Appendix A

LSU80 US Rice Quality Assurance/Quality Control Panel SNP List

Color Key:	Genome Wide Screen
	Trait Associated Markers

AgriPlex ID	Chr	Pos	SNP Type	Trait
LSU_diversity_2	1	743,351	GW	
LSU_diversity_52	1	6,667,544	GW	
LSU_diversity_63	1	13,528,410	GW	
LSU_diversity_102	1	31,713,195	GW	
LSU_diversity_108	1	34,274,861	GW	
LSU_diversity_1204	1	38,362,132	Trait	SD1-del
LSU_diversity_1205	1	38,383,363	Trait	SD1-Calrose
LSU_diversity_1203	1	38,418,739	Trait	SD1-del
LSU60_SNP_37	1	39,213,471	GW	
LSU_diversity_151	1	41,781,028	GW	
LSU_diversity_164	2	316,859	GW	
LSU_diversity_206	2	9,441,925	GW	
LSU_diversity_225	2	15,947,283	GW	
LSU_diversity_1217	2	18,237,000	Trait	CL
LSU_diversity_1213	2	24,288,919	GW	
LSU_diversity_266	2	24,733,764	GW	
LSU_diversity_275	2	27,334,297	GW	
LSU_diversity_1165	2	34,376,700	GW	
LSU_diversity_1208	2	35,101,678	Trait	Pib
LSU60_SNP_6	2	~10389100	Trait	HIS1
LSU_diversity_1183	3	1,506,317	GW	
LSU_diversity_1174	3	14,916,026	GW	
LSU_diversity_1206	3	16,733,441	Trait	GS3
LSU_diversity_1166	3	20,410,629	GW	
LSU_diversity_356	3	23,999,431	GW	
LSU_diversity_367	3	27,703,602	GW	
LSU_diversity_436	4	5,430,985	GW	
LSU_diversity_459	4	11,880,412	GW	
LSU_diversity_1178	4	19,184,745	GW	
LSU_diversity_486	4	25,259,444	GW	
LSU_diversity_1179	4	29,299,845	GW	

LSU_diversity_505	4	33,144,611	GW	
LSU_diversity_1192	5	990,754	Trait	Glab1
LSU60_SNP_57	5	6,607,675	GW	
LSU60_SNP_58	5	17,012,134	GW	
LSU_diversity_1216	5	~13,066,388	Trait	PV
LSU_diversity_1193	6	1,731,808	Trait	WaxyExon_1
LSU_diversity_1194	6	1,759,451	Trait	WaxyExon_6
LSU_diversity_561	6	1,765,761	Trait	WaxyExon_1
LSU_diversity_562	6	1,768,006	Trait	WaxyExon_6
LSU60_SNP_59	6	1,768,724	GW	
LSU_diversity_1195	6	1,768,998	Trait	WaxyExon_10
LSU_diversity_1196	6	1,769,729	Trait	WaxyExon_10
LSU_diversity_1215	6	6,752,887	Trait	ALK
LSU_diversity_604	6	10,184,310	GW	
LSU60_SNP_17	6	10,363,327	Trait	Piz
LSU_diversity_1201	6	10,364,318	Trait	Piz
LSU60_SNP_19	6	10,384,554	Trait	Pi9
LSU_diversity_1209	6	10,389,610	Trait	Pi9
LSU_diversity_639	6	29,136,506	GW	
LSU_diversity_1177	6	31,209,346	GW	
LSU_diversity_1163	7	4,001,958	GW	
LSU_diversity_1182	7	11,619,166	GW	
LSU_diversity_1175	7	24,845,026	Trait	qGL7.1
LSU60_SNP_22	7	25,211,630	Trait	qGL7.1
LSU_diversity_701	8	1,995,144	GW	
LSU_diversity_706	8	2,922,774	GW	
LSU60_SNP_23	8	6,114,723	Trait	Pi33
LSU_diversity_1189	8	6,262,287	GW	
LSU_diversity_1172	8	9,200,680	GW	
LSU_diversity_1168	8	19,833,599	GW	
LSU_diversity_1199	8	20,374,951	Trait	BADH2
LSU60_SNP_70	8	25,894,130	GW	
LSU60_SNP_25	8	~20,382,857	Trait	BADH2
LSU_diversity_863	9	10,771,980	GW	
LSU_diversity_1184	10	13,782,039	GW	
LSU_diversity_1186	10	14,800,331	GW	
IRRI_SNP1099_RF4	10	18,836,046	Trait	RF4
LSU60_SNP_27	10	18,952,213	Trait	RF4
LSU_diversity_1185	11	1,465,691	GW	
LSU_diversity_1188	11	3,390,991	GW	
LSU_diversity_1190	11	12,671,314	GW	

LSU_diversity_1022	11	21,249,292	GW	
LSU_diversity_1169	11	25,615,839	GW	
LSU_diversity_1171	11	26,548,293	GW	
LSU60_SNP_28	11	27,820,910	Trait	Pi43
LSU_diversity_1218	11	~27,820,000	Trait	Pik
LSU_diversity_1219	11	~27,820,001	Trait	Pikm
LSU_diversity_1197	12	10,630,229	Trait	Pita-2
LSU_diversity_1134	12	14,831,605	GW	