

Supplementary Table 4. Genotypes of the eight grain-size genes and grain size phenotypes in the landrace and cultivar rice of 2462 and 784 accessions, respectively

Accession ^a	Subspecies ^b	Grain length ^c	Grain width ^c	Location	Longitude	Latitude	Subpopulation	<i>GL1</i> -37098857	<i>GS2</i> -28866183	<i>GS3</i> -16733441	<i>GW5</i> -05372955	<i>GW7/GL7</i> -24669524	GW5.1-14719915	GW8-26501191
C152	cultivar	7.13	3.87	Jiangsu	118.5	32.02	Temperate Japonica	A	CT	G	A	G	ATT	A
CX277	cultivar	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	A	A
CX351	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W146	landrace	7.76	3.29	Italy	12.37	41.52	Indica I	T	CT	G	A	G	ATT	N
IRIS_313-8063	landrace	NA	NA	Argentina	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8783	NA	8.70	3.10	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
CX387	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX5	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	A	G	ATT	N
W150	cultivar	9.37	2.85	Unknown	NA	NA	Indica II	T	CT	T	A	G	ATT	N
CX314	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11422	NA	NA	NA	China	NA	NA	Indica I	T	DEL	G	A	A	ATT	N
IRIS_313-11821	NA	7.10	3.30	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
W129	landrace	9.46	2.50	Afghanistan	69	34.5	VI/Aromatic	A	CT	T	A	A	ATT	N
GP53	cultivar	9.41	2.55	Cuba	NA	NA	Indica Intermediate	N	N	G	A	A	DEL	N
CX249	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	G	A	AAGCTGAGCTG
B012	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10565	NA	9.80	2.90	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10550	NA	9.70	2.80	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10566	NA	9.40	3.10	Indonesia	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8399	landrace	8.00	2.90	France	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
IRIS_313-10564	landrace	7.40	3.40	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10298	cultivar	9.60	2.50	Sri Lanka	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8064	landrace	NA	NA	Argentina	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11036	landrace	9.40	2.90	Pakistan	NA	NA	Aus	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11586	landrace	8.20	3.70	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11037	landrace	8.00	2.80	Pakistan	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
CX364	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	A
W086	cultivar	9.53	2.81	China	116.4	39.9	Indica II	T	CT	T	G	A	A	N
W195	cultivar	10.86	2.37	Unknown	NA	NA	Indica II	T	N	G	G	A	A	AAGCTGAGCTG
IRIS_313-11202	landrace	8.00	3.70	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W138	NA	8.25	2.72	China	116.4	39.9	Indica I	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-8450	landrace	9.80	2.80	India	NA	NA	Indica III	T	CT	T	G	A	ATT	N
HP295	NA	8.41	2.64	China	118.44	29.88	Indica I	N	CT	G	G	A	ATT	N
IRIS_313-7838	landrace	NA	NA	Senegal	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
GP55	landrace	9.59	3.20	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	N
GP507	landrace	6.40	3.17	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
B181	cultivar	NA	NA	Australia	NA	NA	Indica I	T	C	G	A	A	A	AAGCTGAGCTG
IRIS_313-9438	landrace	7.90	3.40	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
IRIS_313-11246	landrace	8.00	3.30	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8061	landrace	NA	NA	Argentina	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
B143	cultivar	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	A	H
C167	cultivar	7.72	3.38	Unknown	NA	NA	Indica Intermediate	N	CT	G	A	A	ATT	N

GP120	cultivar	7.69	2.12	Philippine	NA	NA	Indica II	N	CT	G	G	A	A	N
HP504	NA	10.28	2.69	China	112.33	28.6	Indica I	N	CT	G	G	A	A	N
IRIS_313-8060	landrace	NA	NA	Argentina	NA	NA	Tropical Japonica	T	CT	T	G	A	ATT	N
IRIS_313-11806	cultivar	8.10	3.10	China	NA	NA	Indica I	T	DEL	G	A	A	ATT	AAGCTGAGCTG
W077	landrace	10.14	2.73	Guyana	-58.1	6.46	VI/Aromatic	A	CT	T	A	G	ATT	N
IRIS_313-8057	landrace	NA	NA	Argentina	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10711	landrace	9.30	3.20	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
B054	landrace	NA	NA	Australia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8062	landrace	NA	NA	Argentina	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
B191	landrace	NA	NA	Australia	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
B053	landrace	NA	NA	Australia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
B137	NA	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	G	A	N
C114	NA	10.00	2.85	Hunan	113	28.11	Indica Intermediate	N	N	T	A	A	A	N
IRIS_313-9140	landrace	8.20	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
GP501	landrace	6.93	2.97	Japan	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
CX250	cultivar	NA	NA	China	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
B157	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
C030	cultivar	10.38	2.93	Jiangsu	118.5	32.02	Indica Intermediate	T	CT	T	G	A	A	A
C031	cultivar	9.12	2.78	Hunan	113	28.11	Indica Intermediate	N	CT	T	G	A	A	AAGCTGAGCTG
GP54	cultivar	NA	NA	Cuba	NA	NA	Indica Intermediate	N	DEL	T	A	A	A	N
IRIS_313-11661	landrace	8.90	3.40	Bhutan	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-8058	landrace	NA	NA	Argentina	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
CX4	NA	NA	NA	China	NA	NA	Indica Intermediate	H	CT	T	A	A	DEL	AAGCTGAGCTG
W149	cultivar	9.54	3.03	China	116.4	39.9	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
C148	NA	10.00	2.87	Hunan	113	28.11	Indica II	N	CT	T	G	A	A	N
W069	NA	9.07	2.19	India	77.2	28.6	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
W079	landrace	9.40	2.92	Bangladesh	90.24	23.51	Intermediate	A	CT	T	G	A	ATT	N
IRIS_313-11755	landrace	9.40	3.40	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8173	cultivar	NA	NA	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11406	NA	10.10	3.20	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W139	landrace	7.33	3.60	Japan	139.8	35.7	Temperate Japonica	A	CT	G	A	G	ATT	N
IRIS_313-11510	cultivar	10.00	3.30	Sri Lanka	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
GP601	landrace	7.03	3.19	North Korea	NA	NA	Temperate Japonica	N	CT	N	A	G	ATT	N
GP602	landrace	6.71	3.26	North Korea	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
IRIS_313-12252	landrace	8.60	3.80	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
GP628	landrace	8.62	2.89	Indonesia	NA	NA	Indica III	N	CT	N	A	A	ATT	N
IRIS_313-8606	landrace	8.40	2.90	None	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11152	NA	7.20	3.10	India	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12027	NA	9.10	3.10	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12014	NA	10.30	2.70	Nigeria	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11523	NA	7.60	2.60	Senegal	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
CX381	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7636	NA	NA	NA	Mali	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11252	NA	8.00	3.40	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10527	NA	7.60	3.00	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG

IRIS_313-10519	NA	7.10	2.70	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-12052	NA	8.50	3.40	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12185	NA	9.20	3.60	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11832	landrace	9.30	2.80	Thailand	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11403	NA	9.60	3.10	India	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10758	landrace	9.50	3.90	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
GP629	landrace	9.45	2.90	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	N
B017	landrace	NA	NA	Bulgaria	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8922	NA	NA	NA	Indonesia	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
GP569	landrace	NA	NA	Philippine	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	N
IRIS_313-9685	NA	8.50	2.70	Russia	NA	NA	Indica III	T	CT	G	G	A	ATT	N
W307	cultivar	9.42	2.67	Philippines	121	14.6	Indica II	T	CT	T	G	A	A	N
IRIS_313-9423	landrace	7.50	3.60	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11038	NA	9.00	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
W197	cultivar	8.60	2.54	China	116.4	39.9	Indica II	T	N	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9723	landrace	8.00	3.00	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
W029	landrace	7.31	2.96	Taiwan	121.38	25.02	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-11876	NA	9.20	2.80	China	NA	NA	Indica I	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-9724	landrace	8.00	3.60	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11744	NA	8.90	2.90	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12057	NA	7.60	3.00	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
CX142	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
CX50	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W290	landrace	7.53	3.42	Japan	139.8	35.7	Temperate Japonica	A	CT	G	A	G	ATT	A
HP407	cultivar	8.41	3.12	China	107.58	26.49	Indica I	N	DEL	G	A	G	A	N
B207	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
C129	NA	8.57	3.33	Jiangxi	115.52	28.41	Indica Intermediate	T	CT	G	A	A	A	N
B060	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C019	cultivar	7.92	3.27	Guangdong	113.15	23.08	Indica I	T	CT	G	A	A	A	N
IRIS_313-12273	NA	7.90	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
HP353	landrace	7.99	3.22	China	116.29	23.07	Indica Intermediate	N	CT	G	A	G	A	N
IRIS_313-10567	landrace	7.50	3.50	Japan	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
B169	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
B115	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
C173	cultivar	8.45	3.22	Sichuan	104.05	30.39	Indica I	N	DEL	G	A	G	A	N
C178	cultivar	8.05	3.03	Jiangxi	115.52	28.41	Indica I	N	CT	G	A	G	A	N
C122	cultivar	7.63	3.27	Sichuan	104.05	30.39	Indica I	N	DEL	G	A	A	A	N
B234	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP291	landrace	NA	NA	China	105.18	25.44	Indica I	N	CT	G	A	G	ATT	N
B131	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
CX96	NA	NA	NA	India	NA	NA	Indica II	T	DEL	G	A	A	A	AAGCTGAGCTG
W242	cultivar	9.56	3.01	India	77.2	28.6	Indica Intermediate	N	N	T	G	A	A	AAGCTGAGCTG
W050	landrace	8.92	3.46	Azerbaijan	49.53	40.22	VI/Aromatic	A	CT	G	A	G	ATT	A
W305	landrace	7.80	3.42	Japan	139.8	35.7	Temperate Japonica	A	CT	G	A	G	ATT	A
W071	landrace	7.76	3.29	India	77.2	28.6	Indica Intermediate	T	CT	G	A	A	ATT	A

IRIS_313-10610	NA	8.30	3.50	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11330	NA	10.30	3.10	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	N
B034	landrace	NA	NA	Albania	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8209	cultivar	NA	NA	Greece	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10257	cultivar	9.50	2.60	Nicaragua	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12146	landrace	8.20	2.80	Cambodia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11595	NA	NA	NA	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
W101	NA	8.50	3.34	Sri Lanka	79.52	6.55	Indica Intermediate	T	CT	G	A	A	ATT	N
CX139	landrace	NA	NA	Portugal	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
W258	landrace	8.15	2.76	Portugal	-9.05	38.42	VI/Aromatic	N	CT	G	A	A	ATT	A
IRIS_313-9814	landrace	8.70	3.80	Hungary	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11377	NA	NA	NA	Philippines	NA	NA	Indica III	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-10509	NA	8.10	2.60	Africa	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11754	landrace	9.80	3.10	Madagascar	NA	NA	Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
B018	landrace	NA	NA	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
B035	cultivar	NA	NA	United States	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10247	cultivar	9.70	2.60	Cuba	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W172	cultivar	10.76	2.50	Unknown	NA	NA	Indica II	T	N	T	G	A	A	N
CX26	NA	NA	NA	Iran	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-11404	NA	6.10	2.20	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	N
IRIS_313-11331	NA	8.90	2.60	Philippines	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11745	NA	8.10	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11877	NA	9.50	2.90	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11624	landrace	8.90	3.00	Nepal	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10706	landrace	8.00	3.10	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10707	landrace	7.70	2.80	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
W273	landrace	7.45	2.67	Indonesia	106.45	-6.08	Tropical Japonica	A	CT	G	G	A	ATT	N
IRIS_313-11126	NA	7.90	3.30	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10759	landrace	9.60	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10738	landrace	NA	NA	Indonesia	NA	NA	Intermediate	A	CT	T	A	A	ATT	H
IRIS_313-11495	landrace	8.70	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-10898	NA	8.30	2.60	Cambodia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7638	landrace	NA	NA	Madagascar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9050	landrace	8.00	3.60	Malaysia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
HP485	NA	9.34	2.90	China	109.43	27.92	Indica I	N	CT	G	A	G	ATT	N
IRIS_313-12234	cultivar	7.90	2.80	China	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
B250	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C017	landrace	8.07	3.52	Anhui	117.18	37.51	Temperate Japonica	A	CT	G	A	G	ATT	N
C018	landrace	7.57	3.72	Zhejiang	120.09	30.14	Temperate Japonica	A	CT	G	A	G	ATT	A
HP219	landrace	8.27	3.18	China	109.74	24.49	Indica I	N	CT	G	A	G	A	N
IRIS_313-8027	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	DEL	T	G	G	ATT	A
W144	NA	8.33	2.96	China	116.4	39.9	Indica I	T	CT	G	A	G	A	N
B016	landrace	NA	NA	Hungary	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP499	landrace	8.51	3.46	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP676	NA	6.63	3.06	Japan	NA	NA	Indica I	N	DEL	G	A	A	A	N

CX132	landrace	NA	NA	India	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11405	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11493	NA	7.80	3.20	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8791	landrace	8.60	2.70	Indonesia	NA	NA	Indica III	T	DEL	G	G	A	A	AAGCTGAGCTG
IRIS_313-10289	cultivar	9.40	2.60	Venezuela	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP503	landrace	9.12	2.78	Italy	NA	NA	Tropical Japonica	N	CT	G	G	A	ATT	N
GP654	landrace	7.04	3.14	Italy	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-10853	landrace	8.20	3.90	India	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-9137	NA	7.30	2.80	India	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11292	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10854	NA	9.00	2.80	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10855	NA	9.00	3.10	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10670	landrace	8.50	2.60	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-8813	landrace	8.00	3.20	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-10856	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10671	NA	8.70	2.80	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9609	NA	8.00	2.50	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W112	NA	8.22	3.12	India	77.2	28.6	Indica III	T	CT	G	G	A	A	N
IRIS_313-8986	NA	8.80	2.50	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9313	NA	8.30	3.10	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8386	landrace	9.00	3.00	India	NA	NA	Indica Intermediate	T	DEL	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10857	NA	10.30	2.00	India	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-10673	landrace	7.70	2.80	India	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-10674	NA	8.60	2.90	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10858	NA	9.10	2.90	India	NA	NA	Indica Intermediate	T	CT	G	A	A	DEL	AAGCTGAGCTG
IRIS_313-10675	NA	8.70	2.80	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	N
IRIS_313-10676	NA	9.50	3.10	India	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-10859	NA	7.60	2.40	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11293	landrace	8.40	3.40	India	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-11294	NA	8.50	2.40	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10861	NA	8.10	3.30	India	NA	NA	Aus	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10862	landrace	8.20	3.50	India	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10863	landrace	8.70	3.10	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10864	landrace	7.70	3.60	India	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	N
IRIS_313-9176	landrace	7.30	3.50	India	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11295	landrace	8.50	3.10	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10865	landrace	8.50	4.00	India	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-8999	landrace	7.00	3.50	India	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10866	landrace	8.10	3.70	India	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8946	landrace	8.90	3.40	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10867	landrace	9.80	3.50	India	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10868	landrace	6.00	2.30	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-9392	landrace	NA	NA	India	NA	NA	Japonica Intermediate	H	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8621	cultivar	9.60	2.30	India	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10869	NA	8.70	2.90	India	NA	NA	Aus	T	CT	G	G	A	ATT	N

IRIS_313-10870	landrace	5.70	3.10	India	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10871	landrace	8.30	3.20	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10872	landrace	NA	NA	India	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	H
IRIS_313-10873	landrace	8.50	2.90	India	NA	NA	Aus	T	CT	G	G	A	A	N
IRIS_313-9560	NA	8.50	3.00	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8315	NA	10.10	2.80	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8585	landrace	9.10	3.10	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10874	landrace	8.30	3.70	India	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8554	NA	9.10	3.00	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10875	NA	7.40	3.50	India	NA	NA	Aus	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-10876	NA	8.00	2.90	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10877	NA	9.10	2.70	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10878	NA	9.20	2.70	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10879	NA	8.30	2.90	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10880	landrace	8.60	2.70	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11256	landrace	8.80	2.90	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10881	NA	7.20	3.60	India	NA	NA	Intermediate	T	CT	G	A	A	ATT	N
IRIS_313-10882	NA	6.40	2.50	India	NA	NA	Aus	T	CT	G	G	A	ATT	N
IRIS_313-10883	landrace	10.80	2.90	India	NA	NA	Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10884	landrace	10.00	3.50	India	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-9053	landrace	8.30	2.40	India	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-10885	NA	7.80	2.50	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8967	NA	NA	NA	India	NA	NA	Indica Intermediate	T	C	T	G	A	DEL	AAGCTGAGCTG
IRIS_313-10886	landrace	6.80	3.60	India	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10887	landrace	8.90	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10888	landrace	10.10	3.30	India	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10889	landrace	7.50	3.40	India	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11257	landrace	NA	NA	India	NA	NA	Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11296	landrace	8.40	2.90	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10890	landrace	7.90	3.60	India	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10891	NA	7.70	2.80	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8603	NA	8.50	3.80	India	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-10892	landrace	7.40	2.70	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10893	landrace	8.40	3.70	India	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10894	NA	9.20	3.10	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8382	NA	9.30	3.10	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10895	landrace	6.70	2.50	India	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-10896	NA	8.00	2.90	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10897	NA	6.40	2.40	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11297	landrace	7.00	3.80	India	NA	NA	Japonica Intermediate	T	CT	G	A	G	ATT	A
IRIS_313-11258	landrace	5.50	2.30	India	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-11259	landrace	NA	NA	India	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-8401	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11298	NA	7.10	3.20	India	NA	NA	Aus	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11260	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	H

IRIS_313-9347	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	N
IRIS_313-11261	landrace	NA	NA	India	NA	NA	Indica III	T	DEL	G	G	A	A	A
IRIS_313-8712	landrace	8.40	3.60	India	NA	NA	VI/Aromatic	T	CT	G	A	G	ATT	A
IRIS_313-11262	landrace	7.80	3.40	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11263	NA	8.40	3.40	India	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11264	landrace	9.40	2.50	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8844	landrace	8.10	2.70	India	NA	NA	Indica III	T	CT	G	G	A	A	A
IRIS_313-8994	NA	9.30	2.50	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11265	NA	7.20	3.40	India	NA	NA	Aus	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11299	landrace	9.70	3.10	India	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11266	landrace	7.40	3.30	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11267	NA	8.40	2.10	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11268	landrace	8.20	3.30	India	NA	NA	VI/Aromatic	T	CT	G	A	G	ATT	A
IRIS_313-11269	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	A	A	DEL	H
IRIS_313-8900	landrace	9.50	2.70	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11270	landrace	NA	NA	India	NA	NA	VI/Aromatic	H	CT	G	A	G	ATT	A
IRIS_313-11300	landrace	9.50	3.30	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11271	NA	8.30	3.10	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11272	landrace	8.00	3.10	India	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-11273	landrace	8.80	3.10	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11301	NA	8.10	2.60	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11302	landrace	9.00	3.10	India	NA	NA	Indica Intermediate	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11274	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-11275	landrace	8.30	3.10	India	NA	NA	Indica Intermediate	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11276	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9593	NA	9.30	2.90	India	NA	NA	Indica III	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-8332	NA	9.90	2.80	India	NA	NA	Indica Intermediate	T	CT	T	G	G	A	AAGCTGAGCTG
IRIS_313-11303	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11277	landrace	8.50	3.00	India	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11304	landrace	9.60	2.60	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11278	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	DEL	AAGCTGAGCTG
IRIS_313-11305	landrace	9.40	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11306	NA	8.80	2.80	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11307	NA	8.70	2.70	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11308	landrace	8.00	3.10	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11279	NA	NA	NA	India	NA	NA	Indica III	T	CT	N	A	G	ATT	AAGCTGAGCTG
IRIS_313-11490	NA	9.00	2.50	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11280	landrace	11.00	2.90	India	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11281	NA	8.80	2.80	India	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11282	NA	8.20	2.80	India	NA	NA	Indica III	T	N	G	G	A	A	AAGCTGAGCTG
IRIS_313-11283	NA	8.10	3.10	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9619	NA	9.10	2.40	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11309	NA	9.50	3.10	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9634	NA	9.00	2.70	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11310	NA	7.80	3.00	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG

IRIS_313-11284	NA	NA	NA	India	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8935	landrace	NA	NA	India	NA	NA	Intermediate	H	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11285	NA	8.60	3.30	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9427	NA	8.90	2.60	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8982	NA	8.70	2.80	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8458	NA	9.30	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8414	NA	9.30	2.60	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11286	landrace	8.80	3.30	India	NA	NA	Indica Intermediate	A	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11287	NA	9.60	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11288	landrace	8.80	3.10	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11442	NA	9.20	3.30	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11443	NA	8.60	3.10	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11289	landrace	8.60	3.80	India	NA	NA	VI/Aromatic	T	CT	G	A	A	ATT	A
IRIS_313-8453	NA	8.50	2.60	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10845	landrace	8.40	3.00	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9424	landrace	8.50	2.20	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10847	landrace	8.40	3.40	India	NA	NA	Indica III	T	CT	G	A	A	A	A
IRIS_313-9201	landrace	9.10	2.80	India	NA	NA	Japonica Intermediate	A	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-10664	landrace	8.20	2.70	India	NA	NA	Indica III	T	N	G	G	A	A	AAGCTGAGCTG
IRIS_313-10848	landrace	8.60	3.10	India	NA	NA	Japonica Intermediate	A	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10666	NA	9.80	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP61	landrace	7.71	2.80	India	NA	NA	Aus	N	CT	G	G	A	A	N
IRIS_313-11290	NA	NA	NA	India	NA	NA	Intermediate	T	CT	G	A	A	DEL	H
IRIS_313-10849	NA	8.50	3.30	India	NA	NA	Aus	T	CT	G	G	G	ATT	A
GP63	NA	7.48	2.41	India	NA	NA	Aus	N	CT	G	G	A	A	N
GP62	landrace	8.36	2.98	India	NA	NA	Aus	N	CT	G	G	G	ATT	N
IRIS_313-11255	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8498	landrace	NA	NA	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	N
IRIS_313-9172	landrace	8.00	3.30	India	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-10667	NA	8.20	3.10	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10668	NA	10.30	2.50	India	NA	NA	Indica III	T	CT	G	G	A	ATT	N
IRIS_313-10850	landrace	NA	NA	India	NA	NA	Tropical Japonica	H	CT	G	G	A	ATT	A
IRIS_313-10933	landrace	7.60	3.40	India	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
GP60	NA	8.03	2.90	India	NA	NA	Indica I	N	CT	G	A	A	A	N
IRIS_313-10851	landrace	8.40	3.00	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10852	landrace	7.20	3.50	India	NA	NA	Aus	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11291	NA	6.70	2.90	India	NA	NA	Aus	T	CT	G	A	A	ATT	AAGCTGAGCTG
W061	landrace	9.41	4.38	Italy	12.37	41.52	Japonica Intermediate	A	CT	T	A	G	ATT	AAGCTGAGCTG
IRIS_313-8069	landrace	NA	NA	Romania	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12109	landrace	6.40	2.10	Cambodia	NA	NA	Indica III	T	DEL	G	G	A	A	AAGCTGAGCTG
IRIS_313-8168	landrace	NA	NA	France	NA	NA	Japonica Intermediate	A	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-12148	NA	NA	NA	Cambodia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12147	NA	6.20	2.30	Cambodia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
GP510	landrace	8.77	3.24	Portugal	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
CX268	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	A

W192	cultivar	9.33	2.89	India	77.2	28.6	Intermediate	A	CT	T	G	A	ATT	N
W239	cultivar	8.19	2.69	India	77.2	28.6	Indica Intermediate	N	N	G	G	A	A	N
GP58	NA	7.39	2.81	India	NA	NA	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-10995	NA	7.80	3.10	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10950	landrace	8.50	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11812	NA	10.20	2.80	Kenya	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-9594	landrace	7.50	3.00	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8850	NA	8.20	3.20	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9572	NA	8.50	2.60	Bhutan	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
W330	landrace	8.21	3.04	Bangladesh	90.24	23.51	Aus	T	CT	G	G	A	ATT	N
CX75	NA	NA	NA	Sri Lanka	NA	NA	Indica II	T	DEL	T	A	A	A	AAGCTGAGCTG
W223	cultivar	9.19	3.17	Sri Lanka	79.52	6.55	Indica II	N	N	T	A	A	A	N
IRIS_313-10924	NA	9.20	2.80	Nepal	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10760	landrace	8.40	3.10	Indonesia	NA	NA	Indica III	T	DEL	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-12142	NA	5.90	1.80	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8177	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	G	G	A	ATT	A
IRIS_313-8171	landrace	NA	NA	Hungary	NA	NA	Temperate Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11048	landrace	8.70	3.20	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9066	landrace	9.40	2.90	Bangladesh	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11049	landrace	8.20	3.00	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11050	landrace	8.20	3.00	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11051	landrace	8.20	3.00	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11052	landrace	7.50	3.20	Bangladesh	NA	NA	Aus	T	CT	G	A	G	A	A
IRIS_313-11053	landrace	7.90	3.40	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-11054	landrace	8.10	3.20	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11055	landrace	7.50	3.30	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-11056	landrace	9.60	3.20	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11057	landrace	8.20	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11058	landrace	8.60	3.20	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11059	landrace	9.00	3.30	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	A
IRIS_313-11060	landrace	8.30	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
W296	NA	8.38	3.00	Bangladesh	90.24	23.51	Aus	T	CT	G	G	A	ATT	N
W297	NA	7.98	2.67	Bangladesh	90.24	23.51	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8641	NA	9.00	2.60	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11061	landrace	8.60	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
W287	landrace	8.25	3.07	Bangladesh	90.24	23.51	Aus	T	CT	G	G	N	A	N
IRIS_313-11773	NA	8.70	3.10	Gambia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9294	landrace	8.60	2.50	Gambia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11047	NA	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11348	landrace	9.30	3.00	India	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-8288	NA	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
C005	landrace	10.47	3.00	Philippines	121	14.6	Tropical Japonica	A	CT	T	G	A	ATT	N
CX151	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
GP118	cultivar	NA	NA	Indonesia	NA	NA	Indica II	T	N	N	A	A	ATT	N
GP679	landrace	9.74	2.26	Indonesia	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	A

CX237	NA	NA	NA	Philippines	NA	NA	Indica II	T	DEL	G	A	A	A	AAGCTGAGCTG
W078	cultivar	8.27	3.10	Indonesia	106.45	-6.08	Indica Intermediate	T	N	T	A	A	ATT	N
IRIS_313-11656	landrace	8.70	2.50	Indonesia	NA	NA	Indica Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10332	NA	8.50	2.60	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9452	landrace	9.20	2.50	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10333	NA	7.70	2.80	Indonesia	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10334	NA	7.90	2.80	Indonesia	NA	NA	Indica II	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-10336	landrace	8.50	2.70	Laos	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-7641	landrace	NA	NA	Indonesia	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10337	landrace	8.40	2.90	Indonesia	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10708	landrace	9.20	2.60	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11239	landrace	NA	NA	Indonesia	NA	NA	Indica Intermediate	H	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10221	NA	7.70	2.80	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
IRIS_313-9730	NA	8.20	3.00	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11895	NA	6.20	2.30	Vietnam	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10576	NA	10.30	3.10	Sierra Leone	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
C101	landrace	6.85	3.75	Yunnan	102.41	25.04	Temperate Japonica	N	CT	G	A	G	ATT	N
HP509	landrace	8.28	3.11	China	113.77	26.49	Indica I	N	CT	G	A	G	A	N
CX51	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
W198	landrace	8.72	3.31	China	116.4	39.9	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-12070	landrace	9.20	2.30	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11349	NA	9.80	2.80	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10837	landrace	6.90	3.40	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10971	landrace	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9148	landrace	7.80	3.20	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10539	landrace	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11218	landrace	6.40	2.60	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-9403	landrace	8.60	2.60	India	NA	NA	Indica III	T	CT	G	G	G	A	AAGCTGAGCTG
GP597	landrace	6.65	3.30	South Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11704	landrace	5.90	2.50	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10211	landrace	8.10	2.90	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11571	landrace	8.20	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11572	landrace	8.50	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11852	landrace	8.30	2.70	China	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11878	NA	8.30	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8846	landrace	8.70	3.10	Indonesia	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
HP107	landrace	8.14	3.28	China	106.66	26.14	Temperate Japonica	N	CT	T	A	G	ATT	N
HP116	landrace	8.03	3.34	China	122.83	42	Temperate Japonica	N	CT	G	A	G	ATT	N
HP562	cultivar	8.87	3.08	China	114.5	26.33	Indica I	N	CT	G	A	A	A	N
HP556	NA	7.66	3.10	China	114.97	27.12	Indica I	N	CT	G	A	G	A	N
B162	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP152	landrace	NA	NA	China	112.07	24.59	Temperate Japonica	N	N	G	A	G	ATT	N
HP471	landrace	9.08	3.09	China	114.17	30.35	Indica I	N	N	G	A	A	A	N
HP65	landrace	7.23	3.59	China	104.96	25.79	Temperate Japonica	N	CT	G	A	G	ATT	N
HP297	NA	8.19	3.00	China	112.07	24.59	Indica Intermediate	N	CT	G	G	A	A	N

HP359	NA	8.75	3.11	China	106.68	33.16	Indica I	N	CT	G	A	A	A	N
HP346	NA	8.16	2.56	China	110.78	21.43	Indica Intermediate	N	CT	G	A	A	ATT	N
HP434	landrace	7.99	2.78	China	104.19	31.32	Indica I	N	CT	G	A	A	A	N
HP47	landrace	8.62	3.27	China	106.42	26.35	Japonica Intermediate	N	CT	N	A	G	A	N
HP373	landrace	7.54	3.01	China	109.02	32.7	Indica I	N	CT	G	A	G	A	N
HP64	landrace	7.72	3.53	China	105.63	25.39	Temperate Japonica	N	CT	G	A	G	ATT	N
HP112	landrace	10.06	3.43	China	121.48	31.22	Temperate Japonica	N	CT	T	A	A	ATT	A
B147	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C127	NA	8.58	3.15	Guangdong	113.15	23.08	Indica I	N	CT	G	A	A	A	N
HP271	landrace	10.04	3.25	China	105.92	26.25	Japonica Intermediate	N	CT	N	A	A	ATT	N
HP518	landrace	8.51	3.14	China	102.15	27.4	Indica I	N	DEL	G	A	G	ATT	N
C184	landrace	8.93	3.18	Hunan	113	28.11	Indica I	N	CT	G	A	G	A	AAGCTGAGCTG
HP454	landrace	NA	NA	China	109.7	18.64	Japonica Intermediate	N	CT	T	A	A	ATT	N
HP377	landrace	8.91	3.25	China	109.35	32.83	Indica I	N	CT	G	A	G	A	N
HP481	NA	8.75	2.80	China	113.5	27.67	Indica Intermediate	N	CT	G	A	G	A	N
HP330	landrace	9.49	3.26	China	105.63	25.39	Japonica Intermediate	N	CT	G	A	A	ATT	N
HP542	NA	8.69	3.03	China	113.91	25.08	Indica I	N	CT	G	A	G	A	N
HP444	NA	8.85	2.97	China	112.18	27.44	Indica I	N	CT	G	A	A	A	N
HP209	landrace	7.79	3.20	China	119.53	26.2	Indica Intermediate	N	CT	G	A	G	ATT	N
HP415	NA	8.52	3.09	China	107.21	22.85	Indica I	N	CT	G	A	A	A	N
HP365	NA	8.49	3.10	China	117.7	29.86	Indica I	N	CT	G	A	A	ATT	N
HP274	NA	7.92	2.96	China	109.21	27.73	Indica I	N	CT	G	G	A	ATT	N
HP36	landrace	8.38	3.58	China	109.71	28.3	Temperate Japonica	N	N	G	A	G	ATT	N
HP538	landrace	7.98	3.24	China	109.84	29	Indica I	N	CT	G	A	G	A	N
HP432	landrace	8.29	3.05	China	104.32	30.88	Indica I	N	CT	G	A	A	ATT	N
HP181	NA	8.71	2.89	China	120.08	27.08	Indica Intermediate	N	CT	G	G	A	A	N
HP480	landrace	8.93	3.00	China	114.17	30.35	Indica I	N	CT	G	A	A	A	N
GP655	landrace	6.31	3.46	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
HP23	landrace	7.96	3.06	China	125.92	41.49	Temperate Japonica	N	CT	G	A	G	ATT	N
HP100	landrace	NA	NA	China	110.65	36.12	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11350	landrace	6.80	2.90	India	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-9117	NA	8.30	2.70	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11164	landrace	10.70	3.00	India	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-10996	landrace	9.70	2.90	Indonesia	NA	NA	Indica Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
CX228	cultivar	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
GP627	NA	7.56	2.82	Indonesia	NA	NA	Intermediate	N	CT	T	A	A	ATT	N
IRIS_313-8699	NA	8.20	3.40	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10990	NA	7.50	3.50	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10761	landrace	8.50	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
C150	landrace	7.52	3.88	Italy	12.37	41.52	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8637	landrace	7.20	3.00	Bhutan	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
GP633	landrace	8.16	2.51	Philippine	NA	NA	Indica Intermediate	N	CT	N	A	A	A	N
IRIS_313-11496	landrace	9.20	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8957	NA	8.60	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11020	landrace	9.70	2.80	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG

IRIS_313-9953	cultivar	8.80	3.10	Mexico	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12254	landrace	10.60	3.60	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-12323	landrace	10.90	3.70	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
HP574	landrace	6.49	3.24	China	106.95	27.06	Temperate Japonica	N	CT	G	A	G	ATT	N
HP447	landrace	8.69	2.90	China	107.53	26.72	Indica I	N	CT	G	A	G	ATT	N
IRIS_313-11351	NA	9.40	2.70	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10942	NA	8.90	2.90	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10525	NA	8.10	2.60	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10762	landrace	8.40	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11472	NA	6.70	2.40	Philippines	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
HP362	NA	7.70	3.44	China	106.25	32.82	Indica I	N	CT	T	A	A	A	N
IRIS_313-12246	NA	9.10	3.00	Cambodia	NA	NA	Indica III	T	CT	T	A	A	A	A
IRIS_313-11561	NA	9.50	2.30	Nepal	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8988	NA	8.70	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8626	landrace	8.20	3.90	Malaysia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
B230	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP513	landrace	8.36	3.20	China	102.29	27.92	Indica I	N	CT	G	A	G	A	N
HP586	landrace	8.25	3.13	China	107.86	26	Temperate Japonica	N	CT	N	A	G	ATT	A
HP184	NA	8.25	2.87	China	120.1	30.16	Indica I	N	CT	G	G	G	A	N
IRIS_313-10045	NA	9.30	2.70	Gambia	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-12186	NA	9.80	3.20	Laos	NA	NA	Indica I	T	CT	G	G	A	ATT	AAGCTGAGCTG
GP56	NA	8.93	2.16	Uganda	NA	NA	Intermediate	N	CT	N	G	A	A	N
B155	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
C160	cultivar	9.63	2.77	Hunan	113	28.11	Indica Intermediate	T	CT	T	G	A	A	N
B202	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
B105	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
CX328	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11021	landrace	10.00	2.40	Pakistan	NA	NA	VI/Aromatic	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11448	NA	8.20	3.60	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11454	landrace	9.20	2.50	India	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-9384	NA	8.00	2.10	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10731	landrace	8.30	3.20	Nepal	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
GP611	landrace	9.71	2.40	Australia	NA	NA	Japonica Intermediate	A	CT	T	G	G	ATT	N
IRIS_313-11997	NA	7.30	2.60	Cambodia	NA	NA	Indica III	T	DEL	G	A	A	A	AAGCTGAGCTG
GP502	landrace	7.52	3.31	Japan	NA	NA	Japonica Intermediate	N	CT	T	A	A	ATT	N
CX60	cultivar	NA	NA	India	NA	NA	Indica II	H	CT	T	G	A	DEL	AAGCTGAGCTG
W211	cultivar	9.12	2.47	Philippines	121	14.6	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8656	landrace	9.70	2.40	Pakistan	NA	NA	VI/Aromatic	A	CT	T	G	A	ATT	A
CX72	cultivar	NA	NA	Pakistan	NA	NA	VI/Aromatic	T	CT	T	G	A	ATT	A
W306	cultivar	9.04	2.37	Pakistan	73.08	33.4	VI/Aromatic	N	CT	T	G	A	ATT	A
IRIS_313-11022	landrace	9.50	2.40	Pakistan	NA	NA	VI/Aromatic	A	CT	T	G	G	ATT	A
IRIS_313-11023	landrace	9.60	2.50	Pakistan	NA	NA	VI/Aromatic	A	CT	T	A	A	ATT	AAGCTGAGCTG
GP625	NA	5.94	2.11	India	NA	NA	Aus	N	CT	G	G	G	ATT	N
IRIS_313-8341	landrace	8.80	2.60	Vietnam	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11407	landrace	7.90	2.00	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG

GP538	landrace	8.41	3.37	India	NA	NA	Aus	N	CT	G	A	G	ATT	N
IRIS_313-8963	landrace	8.00	3.10	Bangladesh	NA	NA	Aus	T	CT	G	A	A	A	A
IRIS_313-12271	landrace	8.00	2.00	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8312	landrace	8.00	3.30	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
C059	cultivar	7.60	3.27	Hubei	114	30	Indica I	N	CT	G	A	A	A	N
B084	landrace	NA	NA	China	NA	NA	Intermediate	A	CT	G	A	G	A	A
B008	landrace	NA	NA	Vietnam	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP557	NA	9.54	2.78	China	104.06	30.67	Indica I	N	CT	G	A	A	ATT	N
HP187	NA	9.55	2.88	China	106.84	22.36	Indica I	N	CT	G	A	A	A	N
IRIS_313-8717	NA	8.00	3.20	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11123	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11124	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
CX352	cultivar	NA	NA	China	NA	NA	Tropical Japonica	T	CT	T	G	A	ATT	A
IRIS_313-11024	landrace	9.90	3.00	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9641	NA	NA	NA	India	NA	NA	Aus	T	CT	G	G	G	ATT	N
IRIS_313-11062	landrace	5.70	2.90	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
C199	landrace	8.15	3.00	Yunnan	102.41	25.04	Indica I	N	CT	N	A	G	A	N
B222	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-10542	NA	8.00	3.30	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10569	landrace	7.70	3.80	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP530	landrace	7.62	3.46	India	NA	NA	Aus	N	CT	G	A	G	ATT	N
IRIS_313-11165	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	N	G	G	A	A	AAGCTGAGCTG
C076	NA	7.67	3.65	Sichuan	104.05	30.39	Indica I	N	CT	G	A	A	A	AAGCTGAGCTG
C077	NA	8.10	3.13	Yunnan	102.41	25.04	Indica I	N	CT	G	A	A	A	N
HP73	landrace	NA	NA	China	112.33	37.54	Temperate Japonica	N	CT	G	A	N	ATT	N
HP431	NA	8.99	3.05	China	115.3	30.24	Indica Intermediate	N	CT	G	A	G	A	N
IRIS_313-11756	landrace	8.70	2.90	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9551	NA	9.20	2.40	Madagascar	NA	NA	Indica III	T	C	T	G	A	A	AAGCTGAGCTG
IRIS_313-11043	NA	7.90	3.10	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
HP302	NA	7.47	2.91	China	109.2	22.69	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-9782	landrace	7.30	3.50	Peru	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12324	landrace	10.60	3.80	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-9783	landrace	NA	NA	Afghanistan	NA	NA	Intermediate	A	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-9771	landrace	7.10	3.30	Australia	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W009	landrace	9.11	2.83	Costa Rica	-84	10	Indica III	T	CT	T	G	G	A	N
GP626	landrace	7.96	3.30	Indonesia	NA	NA	Tropical Japonica	N	CT	N	A	A	ATT	N
IRIS_313-10083	landrace	9.00	3.30	Spain	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-7646	landrace	NA	NA	Madagascar	NA	NA	Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11674	NA	8.90	2.70	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8314	landrace	9.10	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
W180	cultivar	8.28	2.98	Sri Lanka	79.52	6.55	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
CX76	cultivar	NA	NA	Sri Lanka	NA	NA	Indica II	T	CT	T	G	A	A	N
W224	cultivar	8.85	2.52	Sri Lanka	79.52	6.55	Indica II	N	CT	T	G	A	A	N
CX21	cultivar	NA	NA	Sri Lanka	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
GP40	cultivar	8.61	2.41	Sri Lanka	NA	NA	Indica II	N	CT	N	A	A	A	N

W168	cultivar	9.12	2.96	Brazil	-47.57	-15.45	Indica II	T	CT	T	A	A	A	N
W181	cultivar	9.29	2.73	Sri Lanka	79.52	6.55	Indica Intermediate	T	N	T	G	A	A	AAGCTGAGCTG
GP131	cultivar	7.01	2.74	Sri Lanka	NA	NA	Indica Intermediate	N	CT	G	A	A	A	N
CX35	cultivar	NA	NA	Sri Lanka	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX34	cultivar	NA	NA	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8321	landrace	7.40	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11596	cultivar	6.20	2.80	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9360	NA	9.80	2.80	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
GP8	landrace	8.65	3.47	Bengal	NA	NA	Aus	N	CT	G	A	A	ATT	N
IRIS_313-11597	NA	7.50	3.10	India	NA	NA	Indica III	T	N	G	A	A	A	AAGCTGAGCTG
CX61	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	A	G	A	N
W212	landrace	7.38	3.25	India	77.2	28.6	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
W122	landrace	8.89	3.12	Nepal	85.19	27.42	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-9067	landrace	9.90	3.30	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11822	NA	9.10	3.10	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11823	NA	9.60	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11166	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-10619	landrace	9.60	3.10	None	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9054	NA	7.20	2.80	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11947	NA	8.70	3.00	China	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11563	NA	8.60	3.30	Nepal	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9897	landrace	9.30	3.50	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
CX67	landrace	NA	NA	Iran	NA	NA	VI/Aromatic	A	CT	T	A	G	ATT	A
IRIS_313-10827	landrace	8.70	2.90	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX113	landrace	NA	NA	None	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11481	landrace	9.50	2.80	Bangladesh	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-10448	NA	8.20	3.20	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
W262	cultivar	7.35	3.33	Philippines	121	14.6	Indica I	N	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9503	landrace	8.70	2.80	Philippines	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
HP103	landrace	8.25	3.32	China	127.48	45.75	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11491	NA	8.50	2.80	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11114	NA	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
C200	landrace	8.10	3.28	Yunnan	102.41	25.04	Indica I	N	CT	G	A	G	ATT	N
B203	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
GP542	landrace	7.24	2.40	Philippine	NA	NA	Aus	N	CT	G	G	A	ATT	N
IRIS_313-9348	landrace	9.60	2.80	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11515	NA	11.20	3.00	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11192	NA	11.00	2.80	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W044	cultivar	9.52	3.08	Thailand	100.29	13.5	Indica II	T	N	T	A	A	A	AAGCTGAGCTG
GP508	landrace	7.21	2.98	Japan	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
IRIS_313-11219	landrace	9.90	3.30	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	ATT	N
IRIS_313-11984	landrace	8.70	3.70	Vietnam	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-8356	landrace	8.30	3.80	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11325	cultivar	11.00	2.90	Philippines	NA	NA	Indica Intermediate	T	DEL	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9491	landrace	9.40	2.40	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A

GP544	landrace	8.95	2.02	US	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-8102	landrace	NA	NA	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W038	landrace	8.02	3.32	Fiji	178.25	-18.08	Temperate Japonica	N	CT	G	A	G	ATT	A
IRIS_313-8960	landrace	10.10	2.60	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
GP43	NA	7.74	2.81	India	NA	NA	Indica I	N	CT	G	A	A	A	N
IRIS_313-8431	landrace	8.40	4.30	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-7850	landrace	NA	NA	Madagascar	NA	NA	Japonica Intermediate	A	CT	G	G	A	ATT	A
HP339	landrace	7.89	3.08	China	109.57	19.52	Indica I	N	CT	G	A	A	A	N
GP59	landrace	9.22	3.39	Philippine	NA	NA	Japonica Intermediate	N	CT	T	A	A	ATT	N
IRIS_313-10016	cultivar	10.00	2.60	Iran	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
IRIS_313-11606	NA	7.60	3.20	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
W120	landrace	8.12	3.90	Spain	-3.42	40.26	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8339	landrace	9.50	2.50	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9637	NA	NA	NA	Vietnam	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10554	NA	9.50	2.60	Vietnam	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11482	landrace	8.80	3.30	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	N
IRIS_313-10684	landrace	NA	NA	Malaysia	NA	NA	Indica III	N	CT	G	A	A	A	N
GP689	landrace	7.21	2.88	Indonesia	NA	NA	Tropical Japonica	N	CT	N	A	A	ATT	N
IRIS_313-11833	landrace	8.20	2.50	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10979	landrace	8.20	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11757	NA	7.70	2.50	Madagascar	NA	NA	Indica III	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-11064	NA	7.80	3.00	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11065	NA	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11063	NA	7.90	2.90	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10983	landrace	8.50	2.90	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP104	landrace	NA	NA	China	106.42	26.35	Japonica Intermediate	N	CT	G	A	A	ATT	A
IRIS_313-11483	landrace	8.00	3.90	Bangladesh	NA	NA	Aus	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11013	NA	8.30	3.50	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	A
IRIS_313-7650	landrace	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	H
IRIS_313-10041	landrace	9.00	3.60	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-7651	landrace	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-7654	landrace	NA	NA	Ivory Coast	NA	NA	Indica Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9697	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP46	landrace	7.89	3.55	China	109.2	26.89	Temperate Japonica	N	N	G	A	G	ATT	N
IRIS_313-8903	landrace	8.80	2.60	Philippines	NA	NA	Indica III	A	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10161	cultivar	9.80	2.40	Brazil	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX2	cultivar	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	AAGCTGAGCTG
W147	cultivar	9.07	2.66	Bangladesh	90.24	23.51	Indica Intermediate	T	CT	T	G	A	A	N
IRIS_313-11241	NA	8.40	2.70	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX3	NA	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
W148	NA	8.03	3.45	India	77.2	28.6	Indica Intermediate	T	CT	G	G	G	A	N
IRIS_313-11326	NA	8.50	3.00	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11200	NA	7.90	2.90	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10340	NA	8.40	2.60	Bangladesh	NA	NA	Indica III	T	CT	T	G	A	A	A
IRIS_313-10341	NA	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG

IRIS_313-11425	landrace	NA	NA	Brazil	NA	NA	Tropical Japonica	H	CT	T	G	A	ATT	H
CX214	landrace	NA	NA	Brazil	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
B176	NA	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W303	landrace	9.42	3.23	Belize	-88.46	17.25	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10935	landrace	9.80	2.60	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W314	NA	9.35	2.41	Bangladesh	90.24	23.51	Indica II	T	CT	T	G	A	A	N
W310	NA	8.67	2.51	Bangladesh	90.24	23.51	Indica Intermediate	N	CT	T	G	A	A	N
IRIS_313-11853	landrace	7.70	2.90	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11913	landrace	9.30	2.90	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11127	landrace	8.50	3.20	Myanmar	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-8948	NA	8.70	2.90	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11352	landrace	NA	NA	India	NA	NA	VI/Aromatic	T	CT	G	A	A	ATT	A
CX97	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8599	landrace	5.40	2.60	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-11834	landrace	10.00	3.10	Thailand	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
HP20	landrace	7.64	3.44	China	123.25	40.3	Japonica Intermediate	N	CT	G	A	A	ATT	N
IRIS_313-10699	landrace	8.50	3.20	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11044	landrace	8.20	3.70	Malaysia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10945	landrace	7.00	3.50	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
B019	landrace	NA	NA	Mexico	NA	NA	Indica Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10258	landrace	10.20	2.60	Chile	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-11970	landrace	8.60	2.10	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W127	landrace	8.64	3.18	Myanmar	96.15	16.8	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-11673	landrace	7.40	2.60	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10644	landrace	9.00	4.00	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11917	landrace	6.30	3.40	India	NA	NA	Aus	T	CT	G	A	A	A	AAGCTGAGCTG
GP524	landrace	7.89	2.49	Philippine	NA	NA	Indica Intermediate	N	CT	G	G	A	ATT	N
IRIS_313-12045	landrace	8.80	2.60	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10002	cultivar	NA	NA	Sri Lanka	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
CX238	NA	NA	NA	Philippines	NA	NA	Indica II	T	DEL	G	A	A	A	AAGCTGAGCTG
B033	cultivar	NA	NA	Sri lanka	NA	NA	Indica II	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-11946	landrace	8.10	2.80	Burkina Faso	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
GP32	cultivar	9.23	2.96	Philippine	NA	NA	Indica II	N	DEL	N	A	A	A	N
W090	landrace	7.81	3.02	Japan	139.8	35.7	Aus	N	CT	G	G	A	ATT	N
B193	cultivar	NA	NA	Cuba	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9818	landrace	11.80	2.90	Mexico	NA	NA	Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
CX286	cultivar	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	AAGCTGAGCTG
CX6	cultivar	NA	NA	China	NA	NA	Intermediate	A	CT	G	A	A	A	AAGCTGAGCTG
W151	cultivar	8.47	2.82	China	116.4	39.9	Indica II	T	CT	N	A	G	A	N
CX287	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
CX86	cultivar	NA	NA	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W233	cultivar	8.17	2.94	Viet Nam	105.85	21.03	Indica Intermediate	N	CT	G	A	A	A	AAGCTGAGCTG
CX85	cultivar	NA	NA	Vietnam	NA	NA	Indica II	T	CT	G	G	A	ATT	AAGCTGAGCTG
W232	landrace	8.76	2.88	Viet Nam	105.85	21.03	Temperate Japonica	N	CT	N	A	G	ATT	N
IRIS_313-11423	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	A	CT	G	G	A	A	N

GP4	landrace	8.42	2.26	Philippine	NA	NA	Indica Intermediate	N	CT	G	G	A	A	N
GP143	cultivar	8.93	2.13	Philippine	NA	NA	Indica II	N	CT	N	G	A	A	N
IRIS_313-11431	landrace	9.70	2.90	Philippines	NA	NA	Indica Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11410	NA	7.90	2.40	Myanmar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP33	cultivar	NA	NA	Philippine	NA	NA	Indica II	N	CT	T	G	A	A	N
IRIS_313-10547	NA	8.70	3.50	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
GP66	NA	8.23	2.52	Vietnam	NA	NA	Indica I	N	N	G	G	A	A	N
W003	landrace	9.44	3.59	Thailand	100.29	13.5	Tropical Japonica	A	CT	T	G	A	ATT	N
IRIS_313-10001	NA	9.60	2.40	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11890	landrace	7.60	3.60	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W022	landrace	8.39	3.60	Papua New Guinea	147.2	-9.5	Tropical Japonica	A	CT	T	A	A	ATT	A
B027	landrace	NA	NA	Philippines	NA	NA	Indica III	A	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11380	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	H	CT	G	A	A	ATT	A
IRIS_313-9410	landrace	7.60	3.40	United States	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11896	NA	7.60	2.60	Vietnam	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11354	NA	7.10	2.60	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11379	landrace	8.20	2.90	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11096	NA	NA	NA	Vietnam	NA	NA	Indica III	T	DEL	G	G	A	A	AAGCTGAGCTG
IRIS_313-8166	landrace	NA	NA	France	NA	NA	Japonica Intermediate	A	DEL	G	G	A	ATT	A
IRIS_313-8923	landrace	9.80	2.40	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
GP612	landrace	7.31	3.33	US	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-8669	landrace	8.40	3.20	United States	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11437	cultivar	10.10	2.60	Mexico	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10514	NA	9.60	2.70	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8109	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10325	cultivar	10.80	2.60	Suriname	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11788	landrace	7.90	3.70	Philippines	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9097	landrace	8.00	2.80	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
HP259	NA	7.32	3.20	China	101.62	34.75	Indica I	N	CT	G	A	A	ATT	N
CX125	cultivar	NA	NA	China	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-8084	landrace	NA	NA	Spain	NA	NA	Temperate Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11464	landrace	9.60	3.10	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX240	landrace	NA	NA	Brazil	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
W104	landrace	7.56	3.09	Chad	15.04	12.1	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-10327	landrace	NA	NA	Peru	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8292	NA	8.50	3.50	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8111	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10441	NA	NA	NA	Philippines	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
GP532	landrace	9.10	3.40	Brazil	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	A
IRIS_313-10485	landrace	10.00	3.20	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX353	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
CX354	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	DEL	G	N	G	ATT	AAGCTGAGCTG
IRIS_313-10148	cultivar	8.70	2.90	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W152	cultivar	9.99	2.65	China	116.4	39.9	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10497	NA	NA	NA	China	NA	NA	Indica I	T	N	G	A	A	ATT	AAGCTGAGCTG

IRIS_313-10260	cultivar	9.00	2.40	Paraguay	NA	NA	Indica Intermediate	T	DEL	T	G	A	ATT	AAGCTGAGCTG
W082	landrace	8.47	3.71	Azerbaijan	49.53	40.22	Temperate Japonica	A	CT	G	A	G	ATT	N
IRIS_313-11182	landrace	8.40	2.90	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10997	NA	9.00	2.90	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11902	landrace	8.00	3.10	Indonesia	NA	NA	Indica III	T	CT	G	A	A	N	AAGCTGAGCTG
IRIS_313-8072	landrace	NA	NA	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10765	landrace	8.50	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-12121	NA	7.10	2.20	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-7856	landrace	NA	NA	Thailand	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10923	landrace	9.80	3.60	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
W027	landrace	8.12	3.29	Uruguay	-56.09	-34.53	Temperate Japonica	A	CT	G	G	G	ATT	A
IRIS_313-11014	landrace	8.30	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-8854	landrace	NA	NA	Bangladesh	NA	NA	Indica III	N	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10092	landrace	7.20	3.10	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12187	NA	9.90	2.60	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12210	NA	7.00	2.80	Vietnam	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-10046	cultivar	8.50	2.60	Zambia	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11714	cultivar	9.90	2.40	Guyana	NA	NA	Indica Intermediate	T	DEL	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10450	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12036	NA	NA	NA	Cambodia	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11594	NA	7.50	2.60	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9368	landrace	8.30	3.20	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-9917	cultivar	7.80	2.80	Sri Lanka	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8433	cultivar	7.70	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	A
HP250	NA	9.39	2.71	China	110.57	27.92	Indica I	N	CT	G	A	A	A	N
HP524	NA	7.80	3.20	China	117.01	25.12	Indica I	N	CT	G	A	A	ATT	N
HP45	landrace	8.84	3.11	China	105.49	25.11	Japonica Intermediate	N	CT	G	A	A	ATT	N
HP91	landrace	8.72	3.32	China	115.18	36.84	Temperate Japonica	N	CT	G	A	G	ATT	N
HP53	landrace	7.69	3.60	China	112.39	29.37	Temperate Japonica	N	CT	G	A	G	ATT	N
HP31	landrace	7.83	3.05	China	117.45	26.73	Temperate Japonica	N	CT	G	A	G	ATT	N
HP15	landrace	8.81	3.29	China	112.33	37.54	Temperate Japonica	N	CT	G	A	G	ATT	N
HP157	landrace	9.02	3.15	China	106.09	25.17	Japonica Intermediate	N	CT	N	A	A	ATT	N
HP545	landrace	8.73	2.83	China	107.22	26.58	Indica I	N	N	G	G	A	A	N
HP264	landrace	10.75	2.76	China	104.24	25.67	Indica Intermediate	N	CT	T	G	G	A	N
HP563	landrace	8.21	2.97	China	115.55	28.4	Indica I	N	CT	G	A	G	A	N
HP232	cultivar	9.82	2.41	China	115.14	27.22	Indica II	N	CT	N	G	A	A	N
B184	NA	NA	NA	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10700	NA	8.70	3.00	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12028	NA	10.00	3.20	Laos	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12188	NA	9.60	2.70	Laos	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-12329	landrace	8.30	3.20	Laos	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11071	NA	8.80	3.10	Laos	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-12190	NA	10.10	2.90	Laos	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12220	NA	7.80	2.70	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11992	NA	10.40	2.80	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG

IRIS_313-11072	NA	9.00	2.10	Laos	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12029	landrace	9.40	3.50	Laos	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-12330	landrace	9.60	3.00	Laos	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10652	NA	9.60	2.90	Laos	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
B249	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C156	cultivar	7.92	3.13	Hunan	113	28.11	Indica I	N	CT	G	A	A	A	N
IRIS_313-11426	landrace	7.70	3.50	Brazil	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11513	cultivar	8.20	3.30	Ecuador	NA	NA	Indica II	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-8466	NA	9.10	2.40	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9601	landrace	10.10	2.40	Pakistan	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-12005	landrace	8.50	3.10	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
C037	cultivar	7.83	3.23	Sichuan	104.05	30.39	Indica I	T	N	G	A	A	A	N
B114	cultivar	NA	NA	China	NA	NA	Indica I	T	DEL	G	A	A	A	AAGCTGAGCTG
HP75	NA	9.00	3.33	China	115.55	28.4	Indica I	N	CT	G	A	A	A	N
W153	cultivar	9.72	2.73	Sichuan	104.05	30.39	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX8	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX370	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
C050	cultivar	10.10	2.77	Sichuan	104.05	30.39	Indica II	N	CT	T	G	A	A	N
B201	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX14	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
CX213	landrace	NA	NA	China	NA	NA	Temperate Japonica	H	CT	G	A	G	ATT	A
C176	cultivar	7.80	3.45	Hunan	113	28.11	Indica Intermediate	N	CT	G	A	G	A	N
B113	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-10093	landrace	6.60	3.10	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX90	cultivar	NA	NA	Nepal	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8268	landrace	6.70	3.10	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	N
IRIS_313-11743	landrace	9.00	3.10	Bhutan	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-9204	NA	8.60	3.20	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11854	NA	7.70	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9703	landrace	6.80	3.20	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11692	NA	7.20	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11383	landrace	9.10	2.80	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11384	landrace	6.80	3.00	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-9324	NA	8.30	2.80	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
B212	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C083	landrace	8.87	3.35	Fujian	119.18	26.05	Temperate Japonica	N	N	G	A	G	ATT	A
IRIS_313-11353	landrace	8.60	2.80	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
HP548	landrace	8.63	3.13	China	117.92	29.93	Indica I	N	CT	G	A	G	A	N
B182	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP509	landrace	6.92	3.33	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-10932	NA	8.40	3.00	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10618	landrace	7.60	3.70	None	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
IRIS_313-11693	NA	6.90	2.70	China	NA	NA	Indica Intermediate	T	DEL	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-11201	landrace	7.90	3.70	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11694	landrace	7.10	2.70	China	NA	NA	Indica Intermediate	T	CT	G	A	G	ATT	AAGCTGAGCTG

CX130	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-8112	landrace	NA	NA	Bulgaria	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9267	landrace	8.90	3.00	Venezuela	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11220	landrace	8.30	2.80	Bangladesh	NA	NA	Indica III	T	N	G	G	A	A	AAGCTGAGCTG
IRIS_313-11408	NA	8.00	3.00	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
HP5	landrace	7.79	3.24	China	111.22	38.47	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-10071	landrace	8.40	3.20	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-9484	NA	9.30	2.80	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11625	landrace	8.20	2.10	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-11991	NA	10.40	2.80	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
HP612	NA	NA	NA	China	110.46	19.25	Indica Intermediate	N	CT	G	A	G	A	N
HP498	landrace	8.21	3.03	China	111.63	26.22	Indica I	N	CT	G	A	A	A	N
CX150	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W264	cultivar	7.99	3.13	Philippines	121	14.6	Indica Intermediate	N	N	G	A	A	A	N
IRIS_313-9555	landrace	9.30	3.20	China	NA	NA	Indica Intermediate	T	DEL	G	A	A	ATT	AAGCTGAGCTG
HP283	landrace	8.64	3.01	China	106.93	33	Temperate Japonica	N	CT	G	A	N	ATT	N
HP452	NA	8.79	2.91	China	104.25	30.99	Indica I	N	CT	G	G	A	ATT	N
HP549	landrace	8.18	3.00	China	107.48	27.08	Indica I	N	CT	G	A	G	A	N
IRIS_313-11875	landrace	7.30	3.30	Japan	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10057	landrace	7.80	3.40	Japan	NA	NA	Temperate Japonica	H	CT	G	A	G	ATT	A
W036	NA	8.14	3.02	China	116.4	39.9	Indica I	T	CT	G	A	G	A	N
IRIS_313-11737	landrace	6.70	3.20	India	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-9233	landrace	7.40	3.60	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
IRIS_313-9422	landrace	7.20	2.70	Bangladesh	NA	NA	Aus	T	CT	G	G	G	A	A
HP992	cultivar	NA	NA	China	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
W088	landrace	7.53	3.38	China	116.4	39.9	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10570	landrace	7.50	3.50	Japan	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
IRIS_313-9463	landrace	7.60	3.60	United States	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W315	cultivar	9.48	2.68	Indonesia	106.45	-6.08	Indica II	T	N	T	A	A	A	N
IRIS_313-7664	cultivar	NA	NA	Colombia	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9966	cultivar	9.80	2.60	Colombia	NA	NA	Indica II	T	N	T	G	A	ATT	A
IRIS_313-11311	landrace	8.00	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-8165	landrace	NA	NA	France	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W312	cultivar	9.51	2.68	Indonesia	106.45	-6.08	Indica II	T	N	G	A	A	A	AAGCTGAGCTG
W317	cultivar	9.59	2.76	Indonesia	106.45	-6.08	Indica II	T	DEL	T	A	A	A	N
IRIS_313-11455	NA	7.60	2.60	India	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-7859	landrace	NA	NA	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-7863	landrace	NA	NA	None	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
CX152	NA	NA	NA	None	NA	NA	Indica Intermediate	T	N	T	A	A	A	AAGCTGAGCTG
CX25	NA	NA	NA	Indonesia	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
B048	NA	NA	NA	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9939	landrace	9.10	2.60	Suriname	NA	NA	Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8085	landrace	NA	NA	Spain	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	AAGCTGAGCTG
W137	NA	9.93	3.31	Vietnam	105.85	21.03	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11702	landrace	7.70	3.10	United States	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	A

IRIS_313-11355	cultivar	8.40	2.70	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-7866	landrace	NA	NA	Colombia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8161	cultivar	NA	NA	Brazil	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP659	landrace	9.40	2.61	Brazil	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
W083	cultivar	9.36	2.77	Thailand	100.29	13.5	Indica Intermediate	N	DEL	T	A	A	A	N
CX146	cultivar	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8657	NA	8.10	2.60	India	NA	NA	Indica III	T	DEL	G	G	A	A	AAGCTGAGCTG
IRIS_313-10526	NA	7.90	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
B011	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10988	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	T	G	A	DEL	A
IRIS_313-8265	cultivar	8.00	3.10	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10272	landrace	8.50	2.20	Colombia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-15908	landrace	NA	NA	Colombia	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
GP34	landrace	8.94	2.23	India	NA	NA	Aus	N	CT	G	G	A	ATT	N
IRIS_313-9839	landrace	8.30	3.60	Spain	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX365	cultivar	NA	NA	China	NA	NA	Intermediate	T	CT	T	A	G	ATT	H
IRIS_313-8658	landrace	9.00	2.40	United States	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
W304	landrace	8.75	2.64	United States	-77.02	38.54	Intermediate	A	CT	G	G	A	A	N
IRIS_313-11240	cultivar	9.00	2.90	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
W182	cultivar	8.34	2.87	Viet Nam	105.85	21.03	Indica II	T	CT	G	G	A	ATT	N
IRIS_313-11356	landrace	8.80	2.30	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-11357	cultivar	9.00	2.10	India	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9023	cultivar	9.20	2.90	India	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
GP589	cultivar	7.86	2.51	Egypt	NA	NA	Indica Intermediate	N	N	G	A	A	A	N
IRIS_313-9822	NA	8.00	3.30	Venezuela	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
W007	landrace	9.68	2.87	Venezuela	-66.58	10.3	Tropical Japonica	A	CT	T	G	A	ATT	A
CX79	cultivar	NA	NA	Vietnam	NA	NA	Indica II	T	CT	T	A	A	ATT	AAGCTGAGCTG
GP125	cultivar	8.90	3.01	Ivory Coast	NA	NA	Indica Intermediate	N	DEL	G	A	A	A	N
W064	landrace	7.79	3.42	Hungary	19.15	47.26	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10348	cultivar	NA	NA	India	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10349	NA	9.90	2.60	India	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7868	landrace	NA	NA	Colombia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11153	landrace	7.10	3.40	India	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
IRIS_313-8158	landrace	NA	NA	Colombia	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-8159	landrace	NA	NA	Colombia	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-8160	cultivar	NA	NA	Colombia	NA	NA	Temperate Japonica	T	DEL	T	G	A	ATT	A
IRIS_313-7665	landrace	NA	NA	Colombia	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10300	cultivar	9.20	2.70	Colombia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10352	cultivar	9.10	2.50	Colombia	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	A
IRIS_313-7870	landrace	NA	NA	Brazil	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11471	NA	8.70	2.50	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11664	NA	9.80	2.70	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
HP358	landrace	11.83	2.87	China	107.56	33.23	Temperate Japonica	N	CT	G	A	A	ATT	N
B223	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
C137	landrace	10.02	3.60	Guizhou	106.42	26.35	Temperate Japonica	N	CT	T	A	G	ATT	A

B205	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	T	A	A	ATT	A
C074	landrace	9.77	3.50	Jiangsu	118.5	32.02	Temperate Japonica	N	CT	T	A	A	ATT	A
IRIS_313-11409	NA	10.20	3.00	India	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10263	cultivar	9.70	2.20	Mexico	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11221	NA	9.30	2.80	Bangladesh	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
C010	cultivar	9.60	2.63	Philippines	121	14.6	Tropical Japonica	N	CT	T	G	A	ATT	N
IRIS_313-15910	cultivar	NA	NA	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX288	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX291	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10534	landrace	8.10	3.00	India	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-9606	NA	8.10	2.60	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8703	NA	8.50	3.10	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9725	landrace	7.90	3.60	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10177	NA	7.60	3.10	China	NA	NA	Indica Intermediate	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-11795	cultivar	8.10	3.30	China	NA	NA	Indica I	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-11855	NA	7.10	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11856	NA	7.90	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	N
IRIS_313-11857	landrace	7.60	3.30	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-10189	landrace	7.40	3.00	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11858	NA	7.90	2.90	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8514	cultivar	NA	NA	Ghana	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
HP267	landrace	8.09	3.20	China	104.91	25.1	Indica I	N	CT	G	A	G	A	N
HP38	landrace	7.79	3.49	China	27.37	109.16	Temperate Japonica	N	CT	G	A	G	ATT	N
HP420	landrace	8.23	3.11	China	105.18	25.44	Indica I	N	CT	G	A	G	A	N
HP221	NA	8.16	3.18	China	118.98	26.92	Indica Intermediate	N	CT	G	A	A	ATT	N
CX109	landrace	NA	NA	Philippines	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
W256	landrace	8.26	2.75	United States	-77.02	38.54	VI/Aromatic	N	CT	G	A	A	ATT	N
HP241	landrace	NA	NA	China	118.35	35.05	Temperate Japonica	N	CT	G	A	A	ATT	N
IRIS_313-10059	landrace	7.50	3.30	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11358	NA	7.80	2.20	India	NA	NA	Indica III	T	C	G	G	A	A	AAGCTGAGCTG
HP1	landrace	8.66	3.06	China	119.7	27.57	Temperate Japonica	N	CT	N	A	G	ATT	N
W283	landrace	7.39	3.71	Republic of Korea	127.03	37.35	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9529	landrace	8.00	3.10	Bhutan	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8486	landrace	8.40	3.10	Bhutan	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
HP533	landrace	NA	NA	China	107.55	25.83	Indica I	N	CT	G	A	G	A	N
HP266	landrace	8.43	2.98	China	104.91	25.1	Indica I	N	DEL	G	A	A	A	N
IRIS_313-11359	NA	9.80	2.90	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
HP147	landrace	8.37	3.35	China	106.68	33.16	Temperate Japonica	N	CT	G	A	N	ATT	N
HP311	NA	8.94	3.04	China	116.57	34.79	Indica I	N	CT	G	A	A	A	N
HP590	landrace	8.46	2.86	China	109.2	26.89	Indica I	N	CT	G	A	A	A	N
HP553	landrace	8.70	2.94	China	105.18	25.44	Indica I	N	DEL	G	A	G	A	N
HP597	landrace	9.06	3.12	China	100.12	24.44	Indica Intermediate	N	DEL	G	G	A	A	N
HP51	landrace	8.26	3.43	China	109.37	36.29	Temperate Japonica	N	CT	G	A	G	ATT	N
HP156	landrace	7.91	3.60	China	106.42	26.35	Temperate Japonica	N	CT	G	A	G	ATT	N
HP351	landrace	8.20	3.13	China	111.48	23.45	Indica I	N	CT	G	A	A	A	N

IRIS_313-8643	NA	7.60	2.80	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
HP357	NA	7.99	2.53	China	113.01	23.7	Indica Intermediate	N	CT	G	G	A	A	AAGCTGAGCTG
HP168	landrace	9.14	3.68	China	106.42	26.35	Japonica Intermediate	N	CT	N	A	A	ATT	N
HP25	landrace	NA	NA	China	113.81	36.06	Temperate Japonica	N	CT	N	A	A	ATT	N
IRIS_313-10103	NA	8.40	2.80	Korea	NA	NA	Indica I	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8580	landrace	7.70	2.90	Thailand	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
HP583	landrace	NA	NA	China	107.97	26.59	Indica I	N	CT	G	A	G	A	N
HP446	landrace	NA	NA	China	107.48	27.08	Indica I	N	CT	G	A	A	A	N
GP682	landrace	7.28	3.09	Indonesia	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
HP470	landrace	8.81	3.22	China	117.17	31.52	Indica I	N	CT	G	A	G	A	N
IRIS_313-12152	NA	6.80	2.00	Cambodia	NA	NA	Indica III	H	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-11998	NA	8.00	3.00	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10899	NA	10.00	2.40	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	A
IRIS_313-12151	NA	6.60	1.60	Cambodia	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-12247	NA	8.90	2.60	Cambodia	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-10900	NA	8.60	3.10	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10901	NA	NA	NA	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12249	NA	8.90	2.50	Cambodia	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10756	NA	7.60	2.90	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8481	landrace	7.40	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-7668	landrace	NA	NA	Indonesia	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
C057	landrace	8.08	3.73	Liaoning, China	123.24	41.5	Japonica Intermediate	N	CT	G	A	G	ATT	N
HP18	landrace	8.10	3.53	China	124.37	40.13	Japonica Intermediate	N	CT	G	A	G	ATT	N
B069	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
IRIS_313-9610	landrace	9.10	2.60	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10079	landrace	9.40	3.60	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
C069	cultivar	9.48	2.90	Anhui	117.18	37.51	Indica II	N	CT	T	G	A	A	AAGCTGAGCTG
B127	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP42	landrace	8.16	3.46	China	102.42	23.35	Indica Intermediate	N	CT	G	G	G	A	N
HP56	landrace	9.29	3.34	China	107.94	35.17	Temperate Japonica	N	CT	G	A	G	ATT	N
HP532	landrace	7.90	3.25	China	106.66	26.14	Temperate Japonica	N	CT	G	A	G	ATT	N
HP325	NA	8.20	2.93	China	116.94	31.04	Indica I	N	CT	G	G	A	ATT	N
W134	landrace	9.70	2.59	Indonesia	106.45	-6.08	Aus	T	CT	G	G	G	ATT	N
IRIS_313-9101	landrace	NA	NA	Malaysia	NA	NA	Tropical Japonica	H	CT	T	G	A	ATT	H
HP417	NA	8.37	2.84	China	110.14	22.64	Indica Intermediate	N	CT	G	G	A	ATT	N
HP536	NA	8.52	3.07	China	103.69	30.63	Indica I	N	CT	G	A	A	A	N
HP239	NA	8.49	2.94	China	119.36	27.12	Indica Intermediate	N	CT	G	G	G	A	N
HP438	NA	8.26	3.40	China	117.27	31.86	Indica I	N	CT	G	A	G	A	N
IRIS_313-12078	NA	7.30	2.50	Vietnam	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
W106	landrace	8.42	3.03	Pakistan	73.08	33.4	Aus	T	CT	G	G	A	ATT	A
IRIS_313-11720	NA	9.50	3.00	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-11957	NA	8.80	3.30	Thailand	NA	NA	Indica Intermediate	T	N	G	G	A	A	AAGCTGAGCTG
IRIS_313-11700	NA	9.50	3.10	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
B107	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11705	NA	9.20	2.90	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG

IRIS_313-11719	NA	10.30	3.60	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8073	NA	NA	NA	United States	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
HP224	NA	7.95	2.94	China	121.3	25.03	Indica Intermediate	N	CT	G	A	A	A	N
HP282	landrace	NA	NA	China	105.92	26.25	Japonica Intermediate	N	N	T	A	A	ATT	N
HP195	NA	8.76	2.99	China	120.1	30.16	Indica I	N	CT	G	G	G	ATT	N
HP261	landrace	8.88	2.85	China	104.16	31.13	Indica I	N	CT	G	A	A	A	N
HP186	NA	7.89	3.29	China	120.02	28.92	Indica I	N	CT	G	A	A	A	N
HP236	NA	8.44	2.69	China	117.15	31.7	Indica I	N	CT	G	A	A	ATT	N
HP322	NA	8.63	2.90	China	117.84	30.64	Indica I	N	CT	G	A	A	A	N
IRIS_313-11928	landrace	7.60	2.70	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
HP413	NA	7.50	3.38	China	107.12	23.08	Indica I	N	CT	G	A	A	A	N
IRIS_313-10587	landrace	8.40	3.80	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-10598	landrace	7.50	3.50	Bangladesh	NA	NA	Aus	T	CT	G	A	G	A	A
IRIS_313-11689	landrace	7.10	3.20	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12030	landrace	9.80	3.30	Malaysia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11177	NA	NA	NA	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8876	landrace	9.00	3.30	France	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8180	cultivar	NA	NA	United States	NA	NA	Tropical Japonica	T	CT	T	G	A	ATT	A
GP565	landrace	9.13	3.32	France	NA	NA	Temperate Japonica	N	CT	G	G	G	ATT	N
IRIS_313-8167	landrace	NA	NA	France	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10190	NA	7.80	2.90	China	NA	NA	Indica I	T	CT	G	A	A	ATT	A
IRIS_313-12332	landrace	11.20	3.50	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-12257	landrace	9.80	4.00	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
HP394	NA	8.08	2.94	China	114.17	30.35	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-9928	landrace	8.40	3.40	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11671	landrace	9.00	2.90	Nepal	NA	NA	Indica III	T	CT	G	G	G	A	AAGCTGAGCTG
GP579	landrace	10.65	3.28	Philippine	NA	NA	Japonica Intermediate	N	CT	T	A	A	ATT	N
IRIS_313-10734	landrace	8.00	2.70	Nepal	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10677	landrace	7.40	3.30	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11125	NA	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX45	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
W190	cultivar	9.27	2.98	India	77.2	28.6	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11025	landrace	8.30	3.10	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	A
IRIS_313-8530	landrace	8.10	3.40	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11824	NA	8.90	3.50	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
GP89	landrace	7.67	3.51	Bengal	NA	NA	Aus	T	CT	G	A	A	A	A
IRIS_313-11154	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-9156	NA	9.20	2.50	Bangladesh	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11525	NA	NA	NA	Guinea	NA	NA	Indica III	T	CT	T	G	A	A	N
CX52	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX47	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	T	G	A	ATT	A
W193	landrace	9.13	3.02	Unknown	NA	NA	Temperate Japonica	A	CT	T	G	A	ATT	A
C027	cultivar	10.08	2.85	Yunnan	102.41	25.04	Indica Intermediate	N	CT	T	G	A	A	N
B255	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
W199	cultivar	9.97	2.96	yunnan	102.41	25.04	Indica Intermediate	N	CT	T	G	A	A	N

W043	cultivar	9.44	2.68	Kazakhstan	68	48	Indica Intermediate	T	DEL	T	G	A	A	N
IRIS_313-11196	NA	8.60	3.10	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11918	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11334	NA	8.60	2.60	Philippines	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP205	NA	9.34	2.76	China	117.15	26.92	Indica Intermediate	N	CT	G	A	A	A	N
CX266	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11465	landrace	8.40	3.10	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-7876	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
HP517	NA	NA	NA	China	107.36	29.7	Indica I	N	N	G	A	G	A	N
IRIS_313-12325	NA	7.40	2.40	Cameroon	NA	NA	Indica III	T	CT	G	G	A	ATT	N
IRIS_313-11723	NA	10.80	2.60	Guinea	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10594	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-10593	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-10592	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
GP512	landrace	8.16	3.45	Bengal	NA	NA	Aus	N	CT	G	A	G	ATT	N
W096	landrace	8.09	3.58	Bangladesh	90.24	23.51	Aus	T	CT	G	A	G	ATT	N
W095	landrace	7.38	3.06	Bangladesh	90.24	23.51	Aus	T	CT	G	A	A	ATT	N
IRIS_313-10766	landrace	7.80	3.50	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
B025	landrace	NA	NA	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10767	landrace	8.00	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10595	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-10602	NA	8.00	3.40	Bangladesh	NA	NA	Aus	T	CT	G	A	A	A	AAGCTGAGCTG
W142	NA	7.61	3.13	Bangladesh	90.24	23.51	Aus	T	CT	G	A	G	A	AAGCTGAGCTG
GP124	landrace	8.21	3.35	Bengal	NA	NA	Aus	N	CT	G	A	G	A	N
W141	NA	8.91	3.45	Bangladesh	90.24	23.51	Aus	T	CT	G	G	A	A	N
GP576	NA	6.91	2.94	Pakistan	NA	NA	Aus	N	CT	G	A	G	A	N
IRIS_313-12334	NA	10.70	3.60	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12336	landrace	9.70	4.30	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-12193	NA	9.90	3.60	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
W028	landrace	8.59	2.71	Uruguay	-56.09	-34.53	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-9131	NA	9.30	2.90	Vietnam	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W243	cultivar	9.99	2.75	Unknown	NA	NA	Indica II	N	CT	T	G	A	A	N
CX98	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
CX99	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10543	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	G	A	A
GP35	landrace	NA	NA	Philippine	NA	NA	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-12015	NA	9.30	2.70	Nigeria	NA	NA	Indica III	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-12337	landrace	11.70	3.90	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-8747	landrace	10.00	2.90	Iran	NA	NA	VI/Aromatic	A	CT	T	A	G	ATT	A
C002	landrace	10.20	2.63	Philippines	121	14.6	VI/Aromatic	A	CT	T	A	G	ATT	N
CX65	landrace	NA	NA	Iran	NA	NA	VI/Aromatic	A	CT	T	A	G	ATT	A
W219	landrace	9.77	2.46	Netherlands	4.52	52.12	VI/Aromatic	N	CT	T	A	G	ATT	A
IRIS_313-12258	landrace	8.50	3.50	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11859	NA	8.40	2.90	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10544	NA	7.80	3.20	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG

B083	NA	NA	NA	China	NA	NA	Indica I	T	DEL	G	G	A	A	AAGCTGAGCTG
C060	NA	8.68	2.72	Hunan	113	28.11	Indica I	N	N	G	G	A	A	N
HP390	landrace	7.86	3.50	China	113.14	23.08	Temperate Japonica	N	CT	G	A	G	ATT	N
HP441	NA	8.71	2.96	China	113.5	27.67	Indica I	N	CT	G	A	A	A	N
IRIS_313-11411	NA	7.60	2.90	Brazil	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8037	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
W288	landrace	10.37	3.05	Brazil	-47.57	-15.45	Tropical Japonica	N	CT	T	G	A	ATT	A
IRIS_313-8183	landrace	NA	NA	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11796	landrace	8.30	3.20	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11908	landrace	8.00	3.60	China	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
HP110	landrace	8.08	3.53	China	117	36.4	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11167	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9533	NA	9.50	2.80	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10972	landrace	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8796	NA	9.00	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10980	NA	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10984	NA	8.60	3.40	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9397	landrace	9.10	2.90	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	N
IRIS_313-11222	landrace	9.50	2.80	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8631	NA	8.00	3.50	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
C015	landrace	9.45	2.98	Heilongjiang	126.41	45.45	Aus	N	CT	G	G	A	ATT	A
GP47	landrace	8.76	2.45	India	NA	NA	Aus	N	CT	G	G	A	ATT	N
B029	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	G	A	A	N
IRIS_313-11851	landrace	9.50	4.10	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
CX290	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX431	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10606	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10604	NA	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-10605	landrace	8.10	3.20	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
GP104	landrace	8.07	2.67	Bengal	NA	NA	Aus	N	CT	G	A	A	ATT	N
GP36	landrace	NA	NA	Bengal	NA	NA	Aus	N	CT	G	G	A	ATT	N
IRIS_313-8980	NA	10.30	2.90	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-9600	NA	10.00	3.00	Thailand	NA	NA	Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11676	NA	8.90	3.20	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11677	NA	9.30	2.80	Thailand	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11835	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11678	NA	9.80	3.60	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8884	landrace	9.90	3.10	Thailand	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9482	cultivar	8.90	2.20	China	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8914	cultivar	7.90	2.80	China	NA	NA	Indica Intermediate	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-11746	cultivar	8.70	2.80	China	NA	NA	Indica I	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-11747	NA	8.90	2.90	China	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
W002	landrace	9.53	3.24	United States	-77.02	38.54	Tropical Japonica	A	CT	T	G	A	ATT	N
IRIS_313-11798	cultivar	9.10	3.00	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11799	cultivar	9.00	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG

IRIS_313-11797	NA	10.00	2.50	China	NA	NA	Indica I	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8859	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11082	NA	NA	NA	Laos	NA	NA	Indica III	T	N	T	A	A	A	AAGCTGAGCTG
IRIS_313-10655	NA	10.10	3.50	Laos	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-12260	NA	9.40	3.50	Laos	NA	NA	Indica III	T	CT	T	A	A	A	N
IRIS_313-12221	NA	8.00	3.40	Laos	NA	NA	Indica III	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-12259	NA	9.30	3.50	Laos	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12194	NA	NA	NA	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11083	NA	8.40	3.50	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12261	NA	9.60	2.80	Laos	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-9193	landrace	9.10	3.30	Brazil	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11400	NA	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
B194	cultivar	NA	NA	Cuba	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10293	cultivar	9.90	2.60	Cuba	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10833	NA	7.70	3.20	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
GP44	NA	NA	NA	India	NA	NA	Indica Intermediate	N	CT	G	A	G	ATT	N
IRIS_313-9774	landrace	7.50	3.50	Turkey	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
W089	landrace	8.56	2.50	Turkey	32.54	40.02	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W250	landrace	9.76	3.78	Japan	139.8	35.7	Temperate Japonica	N	CT	T	A	G	ATT	A
IRIS_313-11484	landrace	8.60	2.80	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12286	NA	9.30	2.50	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	N
IRIS_313-10290	cultivar	8.80	2.50	Suriname	NA	NA	Indica II	T	CT	T	A	A	ATT	N
IRIS_313-12292	NA	9.00	3.10	Myanmar	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
W118	cultivar	10.37	2.69	Brazil	-47.57	-15.45	Tropical Japonica	T	CT	T	G	A	ATT	A
IRIS_313-11045	landrace	8.30	3.60	Malaysia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10220	cultivar	9.40	2.70	Brazil	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
W274	cultivar	7.37	3.18	China	116.4	39.9	Indica I	N	CT	G	A	A	A	N
HP206	NA	8.55	3.07	China	118.32	27.05	Indica I	N	CT	G	G	A	A	N
HP335	NA		2.70	China	113.56	29.71	Indica I	N	CT	G	A	A	ATT	N
B118	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
HP96	landrace	7.54	3.52	China	129.75	43.32	Temperate Japonica	N	CT	G	A	G	ATT	N
C155	NA	7.50	3.05	Zhejiang	120.09	30.14	Indica I	T	CT	G	A	A	A	N
B058	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
HP558	landrace	8.12	2.87	China	104.06	30.67	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-10725	NA	8.70	3.40	Senegal	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
HP160	landrace	8.42	3.49	China	114.38	32.62	Temperate Japonica	N	CT	G	A	G	ATT	N
HP565	cultivar	10.19	2.69	China	114.17	30.35	Indica II	N	CT	G	G	A	A	N
HP455	landrace	NA	NA	China	109.7	18.64	Indica Intermediate	N	CT	G	G	A	A	N
HP61	landrace	9.00	3.17	China	102.42	25.04	Indica Intermediate	N	CT	G	A	G	ATT	N
HP217	NA	9.14	2.51	China	108.49	22.74	Indica I	N	CT	G	G	A	A	N
IRIS_313-8571	NA	10.80	3.20	Tanzania	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8113	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11912	landrace	8.40	3.00	Brazil	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
C073	landrace	8.35	2.90	Guangdong	113.15	23.08	Indica I	N	CT	G	G	A	A	AAGCTGAGCTG
B079	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG

IRIS_313-10061	landrace	12.70	3.00	Portugal	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
GP588	landrace	9.29	3.24	Italy	NA	NA	Japonica Intermediate	N	CT	T	G	A	ATT	A
IRIS_313-12016	NA	9.00	3.00	Egypt	NA	NA	Indica I	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10109	landrace	10.20	3.10	Nigeria	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10113	landrace	8.90	2.60	Mozambique	NA	NA	Indica Intermediate	A	N	T	G	A	A	AAGCTGAGCTG
IRIS_313-10047	cultivar	8.10	3.20	Nigeria	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12017	NA	7.90	3.30	Ghana	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-11657	NA	8.60	2.60	Nigeria	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
W194	NA	9.42	2.55	Japan	139.8	35.7	Indica II	T	CT	T	G	A	A	N
IRIS_313-12053	NA	7.70	2.80	Burundi	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10114	landrace	8.50	2.70	Burundi	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8114	landrace	NA	NA	Portugal	NA	NA	Japonica Intermediate	A	CT	T	G	G	ATT	AAGCTGAGCTG
IRIS_313-8115	landrace	NA	NA	Portugal	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11800	landrace	8.00	3.70	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11801	cultivar	9.00	2.80	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
HP6	landrace	7.82	3.52	China	111.22	38.47	Temperate Japonica	N	CT	G	A	G	ATT	N
C086	NA	7.87	2.87	Yunnan	102.41	25.04	Aus	N	CT	G	G	A	A	N
B221	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	DEL	AAGCTGAGCTG
HP525	landrace	7.71	3.35	China	113.58	24.68	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-8909	NA	9.80	2.70	Tanzania	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-15896	cultivar	NA	NA	Colombia	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8412	cultivar	7.10	3.30	China	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11651	landrace	7.50	3.20	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C181	landrace	8.07	3.73	Anhui	117.18	37.51	Temperate Japonica	N	CT	G	A	G	ATT	A
HP30	landrace	8.10	3.51	China	117.47	31.89	Temperate Japonica	N	CT	G	A	G	ATT	N
W323	landrace	8.62	3.76	Guizhou	106.42	26.35	Japonica Intermediate	A	CT	T	A	A	ATT	N
HP424	landrace	8.78	2.85	China	106.09	25.17	Indica I	N	CT	G	A	G	ATT	N
IRIS_313-11551	landrace	NA	NA	Sierra Leone	NA	NA	Indica III	T	CT	G	G	A	A	A
CX9	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	N
W154	cultivar	8.40	2.85	Guangdong	113.15	23.08	Indica II	N	CT	T	G	A	A	N
HP582	landrace	NA	NA	China	109.21	27.73	Indica I	N	CT	G	A	G	A	N
HP122	landrace	8.77	3.55	China	107.94	35.17	Temperate Japonica	N	CT	G	A	G	ATT	N
HP13	landrace	8.62	3.14	China	118.13	39.82	Temperate Japonica	N	CT	G	A	G	ATT	N
HP435	landrace	8.80	2.77	China	102.21	26.67	Indica I	N	DEL	G	A	G	ATT	N
CX384	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP273	landrace	8.54	2.94	China	106.42	26.35	Indica I	N	DEL	G	G	G	A	N
IRIS_313-10559	landrace	7.60	3.30	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8172	cultivar	NA	NA	Philippines	NA	NA	Japonica Intermediate	T	CT	T	G	A	ATT	A
CX219	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8099	landrace	NA	NA	Italy	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11758	landrace	8.00	2.60	Ivory Coast	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10268	cultivar	10.10	2.50	Venezuela	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11434	landrace	9.80	3.40	Colombia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10444	landrace	NA	NA	United States	NA	NA	Tropical Japonica	H	CT	T	G	A	ATT	H
IRIS_313-9980	landrace	10.40	3.50	Argentina	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A

IRIS_313-11526	landrace	8.80	3.20	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8184	cultivar	NA	NA	Italy	NA	NA	Intermediate	T	CT	T	G	A	ATT	A
IRIS_313-8087	landrace	NA	NA	Spain	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12018	landrace	9.20	3.50	Sierra Leone	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8387	landrace	6.90	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8940	cultivar	7.90	2.90	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
GP556	landrace	6.87	3.17	Japan	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
IRIS_313-9884	landrace	7.40	3.50	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C023	landrace	7.88	3.58	Hebei	114.28	38.02	Temperate Japonica	A	CT	G	A	G	ATT	A
B067	cultivar	NA	NA	China	NA	NA	Indica I	T	DEL	G	A	A	A	AAGCTGAGCTG
CX361	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-9259	NA	8.10	3.20	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
B156	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9197	NA	8.10	3.20	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10768	NA	8.80	2.80	Indonesia	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11721	NA	8.70	3.40	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11193	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	N
HP410	landrace	8.54	2.82	China	109.14	26.24	Indica I	N	CT	G	A	G	A	N
HP437	landrace	8.90	2.81	China	104.97	29.24	Indica I	N	CT	G	A	A	ATT	N
HP380	landrace	8.56	2.98	China	108.57	34.17	Indica I	N	CT	G	A	A	A	N
HP460	NA	8.31	2.84	China	114.83	31.62	Indica I	N	CT	G	A	A	A	N
IRIS_313-10769	NA	9.40	2.80	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX128	NA	NA	NA	Nepal	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
GP688	landrace	NA	NA	Indonesia	NA	NA	Tropical Japonica	N	CT	G	A	A	ATT	N
W091	landrace	7.31	3.12	Sri Lanka	79.52	6.55	Aus	N	CT	G	G	G	ATT	N
IRIS_313-10124	landrace	5.70	2.50	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9256	NA	9.30	3.70	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9302	NA	9.90	3.20	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11635	NA	9.00	3.40	Thailand	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-7620	NA	NA	NA	Burkina Faso	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10536	NA	9.30	2.70	Tanzania	NA	NA	Indica Intermediate	T	N	G	G	G	A	AAGCTGAGCTG
IRIS_313-10770	landrace	8.30	3.10	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11321	landrace	7.80	2.60	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W155	cultivar	8.75	2.80	China	116.4	39.9	Indica Intermediate	T	CT	T	G	A	A	N
CX10	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP606	landrace	8.78	2.98	China	105.76	26.66	Indica I	N	DEL	G	A	A	A	N
IRIS_313-7883	landrace	8.50	3.60	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
CX366	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10178	NA	8.50	2.60	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-12033	landrace	8.00	3.40	China	NA	NA	Indica I	T	DEL	G	A	G	A	AAGCTGAGCTG
IRIS_313-11748	NA	8.70	3.00	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11573	NA	8.20	3.20	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
HP414	landrace	8.60	2.98	China	107.68	23.18	Indica I	N	CT	G	A	A	ATT	N
HP85	landrace	NA	NA	China	109.96	33.88	Temperate Japonica	N	CT	G	A	G	ATT	N
HP371	landrace	8.34	3.23	China	109.27	35.6	Temperate Japonica	N	CT	G	A	G	ATT	A

HP33	landrace	7.59	3.16	China	113.69	31.25	Temperate Japonica	N	N	N	A	G	ATT	N
HP385	landrace	7.74	3.21	China	114.35	34.79	Temperate Japonica	N	N	G	A	G	ATT	N
B023	landrace	NA	NA	North Korea	NA	NA	Temperate Japonica	H	CT	G	A	G	ATT	A
C082	landrace	9.05	3.92	Hebei	114.28	38.02	Temperate Japonica	N	CT	G	A	G	ATT	A
B068	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX207	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W286	landrace	8.71	2.94	Bangladesh	90.24	23.51	Aus	T	CT	G	G	A	A	A
IRIS_313-10007	NA	9.00	3.30	Nepal	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11679	NA	10.20	2.70	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11066	landrace	7.30	3.40	Bangladesh	NA	NA	Intermediate	A	CT	G	A	A	ATT	A
W081	landrace	9.17	3.03	Azerbaijan	49.53	40.22	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-10094	landrace	8.50	3.30	South Korea	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
CX28	cultivar	NA	NA	Korea	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
W174	cultivar	7.96	2.85	Korea	127.03	37.35	Indica II	T	CT	G	A	A	A	N
W068	landrace	7.99	3.53	Afghanistan	69	34.5	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11121	landrace	7.90	3.50	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9817	landrace	12.00	2.90	Netherlands	NA	NA	Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
HP257	landrace	7.63	3.18	China	101.62	34.75	Indica I	N	CT	G	A	A	A	N
IRIS_313-11427	landrace	10.10	3.20	Brazil	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8383	NA	NA	NA	Philippines	NA	NA	Indica III	T	CT	T	A	G	A	A
C063	landrace	7.27	3.50	Hunan	113	28.11	Temperate Japonica	N	CT	G	A	G	ATT	N
B141	cultivar	NA	NA	China	NA	NA	Intermediate	T	CT	G	G	G	ATT	N
IRIS_313-11570	NA	8.90	3.00	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
B124	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9778	NA	8.00	3.20	Argentina	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
C003	landrace	8.75	3.32	Iran	51.3	35.45	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-8256	landrace	9.20	3.30	Iran	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-10737	landrace	8.20	3.10	Nepal	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8066	landrace	NA	NA	Italy	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11920	NA	10.10	2.50	Thailand	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8154	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	A	G	ATT	A
IRIS_313-11929	landrace	9.00	2.50	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10991	landrace	7.90	3.60	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-12144	landrace	6.00	1.70	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
CX112	landrace	NA	NA	Japan	NA	NA	Intermediate	A	CT	G	A	A	ATT	A
W261	landrace	7.58	3.46	Japan	139.8	35.7	Intermediate	N	CT	G	A	A	ATT	A
IRIS_313-10430	landrace	7.30	3.40	Japan	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
IRIS_313-8026	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
IRIS_313-10119	landrace	9.00	3.00	Italy	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
CX111	landrace	NA	NA	Egypt	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
CX58	landrace	NA	NA	Egypt	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP88	landrace	7.03	3.09	Egypt	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP545	landrace	6.73	2.92	Egypt	NA	NA	Temperate Japonica	N	CT	G	A	A	ATT	N
IRIS_313-8212	cultivar	NA	NA	Egypt	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
W209	landrace	7.44	3.51	Unknown	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A

IRIS_313-8185	cultivar	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-11388	NA	10.00	3.40	Thailand	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11938	NA	7.90	3.00	Burkina Faso	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10985	landrace	8.60	2.40	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9929	landrace	8.30	3.20	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11203	landrace	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	N
IRIS_313-11598	NA	NA	NA	India	NA	NA	Aus	H	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-10722	landrace	6.80	3.20	Sri Lanka	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10739	NA	NA	NA	Indonesia	NA	NA	Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-7885	landrace	9.00	4.40	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10771	landrace	NA	NA	Indonesia	NA	NA	Tropical Japonica	H	CT	T	A	A	ATT	H
IRIS_313-9851	landrace	7.70	3.30	Suriname	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9139	landrace	8.10	2.50	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10772	NA	8.20	3.20	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11128	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9433	landrace	8.80	3.40	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8044	cultivar	NA	NA	Italy	NA	NA	Tropical Japonica	T	CT	T	G	A	ATT	A
IRIS_313-11527	landrace	9.40	4.00	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11652	landrace	7.60	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
B045	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C039	cultivar	8.22	3.33	Yunnan	102.41	25.04	Indica I	N	CT	G	A	A	A	N
B092	cultivar	NA	NA	China	NA	NA	Indica I	T	C	G	A	A	A	AAGCTGAGCTG
IRIS_313-8074	landrace	NA	NA	Australia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11712	landrace	9.10	3.10	India	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11557	landrace	8.60	3.00	Bangladesh	NA	NA	Aus	T	CT	G	G	G	A	A
HP299	NA	8.95	2.84	China	113.31	32.72	Indica I	N	CT	G	A	G	A	N
HP350	NA	8.73	2.66	China	112.76	21.71	Indica Intermediate	N	CT	G	A	A	ATT	N
CX91	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W237	cultivar	9.58	2.42	Unknown	NA	NA	Indica II	N	CT	T	G	A	A	N
W053	landrace	9.94	3.20	Guatemala	-90.22	14.38	Tropical Japonica	A	CT	G	G	A	ATT	N
W329	NA	8.45	3.44	United States	-77.02	38.54	Tropical Japonica	T	CT	G	A	A	A	A
IRIS_313-8213	landrace	NA	NA	France	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-8041	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
W057	landrace	9.39	3.28	Haiti	-72.2	18.32	Tropical Japonica	N	CT	T	G	A	ATT	A
IRIS_313-8029	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
C118	NA	8.90	2.65	Unknown	NA	NA	Indica II	N	CT	T	G	A	A	N
B138	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11860	landrace	8.00	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
CX396	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX121	cultivar	NA	NA	China	NA	NA	Indica II	T	DEL	T	G	A	ATT	AAGCTGAGCTG
CX114	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11726	cultivar	7.30	3.20	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11965	cultivar	7.70	2.70	China	NA	NA	Indica I	T	N	G	G	A	A	AAGCTGAGCTG
GP558	landrace	7.14	3.19	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
HP611	NA	8.24	3.08	China	110.02	18.48	Indica Intermediate	N	CT	G	A	G	A	N

HP292	landrace	NA	NA	China	105.49	25.11	Indica I	N	DEL	G	A	G	A	N
B066	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W319	landrace	8.30	3.58	Guangxi	108.2	22.48	Temperate Japonica	A	CT	T	A	G	ATT	A
HP149	landrace	8.38	3.08	China	119.18	26.05	Indica I	N	CT	G	A	G	A	N
HP999	cultivar	7.90	3.37	China	NA	NA	Indica I	N	CT	G	A	A	A	N
C020	cultivar	7.53	3.52	Hunan	113	28.11	Indica I	T	CT	G	A	A	A	N
C158	cultivar	8.33	3.12	Guangxi	108.2	22.48	Indica I	N	CT	G	A	A	A	N
B119	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
B061	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP587	landrace	7.61	3.51	China	106.45	26.03	Temperate Japonica	N	CT	G	A	G	ATT	A
HP493	landrace	8.56	3.19	China	113.91	25.08	Indica I	N	CT	G	A	G	A	N
W325	landrace	7.19	3.61	Guizhou	106.42	26.35	Temperate Japonica	A	CT	N	A	G	ATT	A
B225	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
HP391	landrace	NA	NA	China	115.3	30.24	Temperate Japonica	N	CT	G	A	G	ATT	N
HP537	NA	8.64	3.13	China	104.04	30.4	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-11626	landrace	6.80	3.10	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
C166	cultivar	10.08	2.95	Unknown	NA	NA	Indica Intermediate	N	CT	T	A	A	A	N
B242	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	N
IRIS_313-10179	NA	8.40	2.80	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
C042	cultivar	7.65	3.47	Guangdong	113.15	23.08	Indica Intermediate	N	CT	G	A	A	ATT	AAGCTGAGCTG
C052	landrace	7.72	3.62	Jiangsu	118.5	32.02	Temperate Japonica	A	CT	G	A	G	ATT	N
HP383	NA	9.31	2.76	China	114.08	32.13	Indica I	N	CT	G	A	A	ATT	N
HP488	landrace	8.73	2.96	China	111.29	27.73	Indica I	N	CT	G	G	A	A	N
HP593	NA	9.30	2.82	China	105.49	25.11	Indica Intermediate	N	CT	N	G	A	A	N
B063	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
HP249	cultivar	10.32	2.94	China	109.42	29.64	Indica Intermediate	N	CT	G	A	A	A	N
HP401	landrace	7.61	3.51	China	112.18	27.44	Temperate Japonica	N	CT	N	A	G	ATT	N
W156	NA	7.91	3.17	Sichuan	104.05	30.39	Indica I	T	CT	T	A	G	A	N
CX11	landrace	NA	NA	China	NA	NA	Japonica Intermediate	H	CT	T	A	G	ATT	A
IRIS_313-9409	landrace	9.60	2.70	Malaysia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10196	landrace	10.20	2.80	China	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11120	NA	NA	NA	Bhutan	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10989	NA	8.60	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W145	landrace	7.95	3.13	Chad	15.04	12.1	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12003	landrace	7.30	3.00	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
B051	cultivar	NA	NA	Egypt	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
C161	cultivar	8.78	3.33	Sichuan	104.05	30.39	Indica I	N	CT	G	A	A	A	N
IRIS_313-7681	NA	NA	NA	Mali	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
GP686	landrace	NA	NA	Hungary	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
W019	landrace	9.49	2.99	Argentina	-54.84	-34.62	Japonica Intermediate	A	CT	G	G	A	ATT	A
IRIS_313-10242	landrace	9.80	2.60	Hungary	NA	NA	Temperate Japonica	A	CT	T	A	A	ATT	A
GP103	landrace	7.57	2.68	Sri Lanka	NA	NA	Indica Intermediate	N	CT	G	G	A	A	N
IRIS_313-9472	landrace	8.50	3.20	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10503	landrace	8.80	3.00	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-12342	landrace	9.60	3.70	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG

HP484	landrace	8.51	3.15	China	109.84	29	Indica I	N	CT	G	A	A	A	N
HP309	landrace	9.01	3.45	China	104.64	25.81	Japonica Intermediate	N	CT	G	A	N	ATT	N
HP202	landrace	7.93	3.14	China	117.16	23.73	Indica I	N	CT	G	A	G	ATT	N
IRIS_313-10694	NA	NA	NA	Malaysia	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10986	NA	8.20	3.30	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11564	landrace	7.40	3.40	Nepal	NA	NA	VI/Aromatic	T	CT	G	A	A	ATT	A
IRIS_313-10721	landrace	7.70	3.20	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9357	NA	9.30	2.80	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10614	landrace	8.50	3.20	China	NA	NA	Indica Intermediate	T	CT	G	A	G	ATT	AAGCTGAGCTG
CX284	landrace	NA	NA	China	NA	NA	Temperate Japonica	H	CT	T	A	A	ATT	H
IRIS_313-10164	landrace	7.40	3.60	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10228	landrace	6.60	3.10	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP192	NA	NA	NA	China	121.16	30.04	Indica Intermediate	N	CT	G	G	A	A	N
HP243	NA	9.54	2.63	China	112.4	24.77	Indica Intermediate	N	CT	G	G	A	A	N
HP16	landrace	8.46	3.19	China	112.33	37.54	Temperate Japonica	N	CT	G	A	A	ATT	N
HP19	landrace	8.45	3.35	China	124.37	40.13	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-12076	landrace	8.60	3.20	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
HP58	landrace	8.19	3.54	China	106.42	26.35	Temperate Japonica	N	CT	G	A	G	ATT	A
HP92	landrace	8.57	3.30	China	111.88	37.03	Temperate Japonica	N	CT	G	A	G	ATT	N
HP169	landrace	8.34	3.51	China	106.59	26.84	Japonica Intermediate	N	CT	N	A	A	ATT	N
HP108	landrace	8.39	3.86	China	105.92	26.25	Temperate Japonica	N	CT	N	A	A	ATT	N
HP70	landrace	7.79	3.78	China	121.22	41.55	Temperate Japonica	N	CT	G	A	A	ATT	A
HP308	landrace	10.52	3.13	China	106.42	26.35	Japonica Intermediate	N	CT	G	A	A	ATT	N
HP315	landrace	NA	NA	China	107.54	25.84	Temperate Japonica	N	CT	G	A	A	ATT	N
HP174	NA	8.51	2.93	China	114.02	25.85	Indica Intermediate	N	N	G	A	A	A	N
HP298	landrace	8.47	3.20	China	112.59	28.12	Indica I	N	CT	G	A	G	ATT	N
HP276	NA	9.95	2.73	China	108.13	28.27	Indica Intermediate	N	CT	G	G	A	A	N
C080	landrace	7.58	3.25	Henan	113.42	34.48	Indica I	N	CT	G	A	G	A	N
C047	landrace	7.90	3.28	Taiwan	121.31	25.03	Indica I	N	CT	G	A	G	A	N
B216	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11015	landrace	7.90	2.90	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11026	landrace	10.20	2.40	Pakistan	NA	NA	VI/Aromatic	A	CT	T	A	A	ATT	A
IRIS_313-11825	landrace	9.50	2.70	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
HP304	NA	8.45	3.09	China	105.34	24.8	Indica Intermediate	N	DEL	G	A	A	A	N
HP364	landrace	8.94	2.93	China	109.35	32.83	Indica I	N	CT	G	A	A	A	N
HP529	landrace	9.56	3.05	China	100.5	21.95	Indica Intermediate	N	CT	G	G	G	A	N
C179	landrace	8.27	3.83	Yunnan	102.41	25.04	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
B228	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C084	landrace	10.33	4.30	Yunnan	102.41	25.04	Japonica Intermediate	N	CT	T	A	A	ATT	N
HP423	NA	8.26	3.40	China	102.42	25.04	Indica III	N	CT	G	A	A	A	N
HP355	landrace	NA	NA	China	100.5	21.95	Indica Intermediate	N	CT	G	A	A	A	N
CX367	landrace	NA	NA	China	NA	NA	Tropical Japonica	H	CT	T	G	A	ATT	A
B165	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
B219	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W326	landrace	8.44	3.82	Guizhou	106.42	26.35	Japonica Intermediate	A	CT	T	A	A	ATT	A

C185	landrace	8.33	3.88	Yunnan	102.41	25.04	Japonica Intermediate	N	CT	T	A	A	ATT	N
B266	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
HP607	NA	9.08	3.22	China	100.5	21.95	Indica Intermediate	N	CT	G	A	A	A	N
HP608	landrace	NA	NA	China	97.93	24.69	Indica Intermediate	N	CT	N	A	G	A	N
HP422	NA	8.47	3.33	China	100.5	21.95	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-11129	NA	8.20	2.90	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
HP425	landrace	NA	NA	China	106.42	26.35	Japonica Intermediate	N	CT	G	A	A	ATT	N
HP594	landrace	NA	NA	China	106.42	26.35	Temperate Japonica	N	N	N	A	G	ATT	N
B149	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-8116	landrace	NA	NA	Portugal	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8075	landrace	NA	NA	Australia	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-12141	landrace	6.00	2.10	Bangladesh	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-10773	landrace	9.30	3.50	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	N
IRIS_313-8674	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8722	NA	10.50	3.20	Thailand	NA	NA	Indica III	T	N	T	A	A	A	AAGCTGAGCTG
W052	landrace	10.24	3.43	Hungary	19.15	47.26	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-9795	NA	7.80	3.10	Australia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10154	NA	8.50	3.00	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP408	cultivar	7.93	3.15	China	108.41	27.06	Indica I	N	DEL	G	A	A	A	N
W275	landrace	6.13	3.17	Sri Lanka	79.52	6.55	Tropical Japonica	A	CT	G	A	A	ATT	N
IRIS_313-10720	NA	NA	NA	Sri Lanka	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10774	NA	NA	NA	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX101	NA	NA	NA	China	NA	NA	Indica I	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11574	landrace	8.60	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11861	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	ATT	A
B001	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C081	NA	8.42	3.12	Guangdong	113.15	23.08	Indica I	N	CT	G	A	A	A	A
B081	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C154	landrace	7.03	3.65	Heilongjiang	126.41	45.45	Temperate Japonica	A	CT	G	A	G	ATT	A
HP233	NA	7.90	2.82	China	102.42	23.35	Indica Intermediate	N	CT	G	G	A	A	N
HP196	NA	8.42	2.66	China	120.1	30.16	Indica I	N	CT	T	G	A	A	N
HP602	landrace	7.39	3.03	China	104.04	30.4	Temperate Japonica	N	CT	N	A	G	ATT	N
HP89	landrace	7.83	3.17	China	106.25	32.82	Temperate Japonica	N	CT	G	A	A	ATT	N
W200	cultivar	9.76	2.58	Unknown	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
CX318	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
HP516	NA	8.04	2.90	China	105.71	29.75	Indica I	N	CT	G	A	A	A	N
HP32	landrace	7.87	3.39	China	117	36.4	Temperate Japonica	N	CT	G	A	G	ATT	N
B226	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP54	landrace	9.07	3.40	China	105.18	37.51	Temperate Japonica	N	CT	G	A	G	ATT	N
W248	NA	8.87	3.14	Unknown	NA	NA	Indica I	N	CT	T	A	A	A	N
HP163	landrace	6.94	3.10	China	106.46	26.56	Temperate Japonica	N	CT	G	A	A	ATT	N
HP349	NA	8.16	2.97	China	111.78	22.16	Indica III	N	CT	G	A	A	A	N
HP596	landrace	7.96	3.08	China	105.75	26.08	Temperate Japonica	N	CT	T	A	A	ATT	N
HP155	landrace	NA	NA	China	106.66	26.14	Japonica Intermediate	N	CT	N	A	A	ATT	N
HP404	landrace	8.16	3.38	China	107.58	26.49	Temperate Japonica	N	CT	G	A	G	ATT	N

HP588	landrace	8.44	3.16	China	107.58	26.49	Temperate Japonica	N	CT	T	A	A	ATT	N
HP451	NA	8.28	3.20	China	110.88	21.68	Indica I	N	CT	G	A	A	A	N
HP71	NA	9.17	3.23	China	107.08	22.12	Indica Intermediate	N	CT	G	A	A	A	N
HP278	landrace	NA	NA	China	107.55	25.83	Temperate Japonica	N	CT	T	A	A	ATT	N
HP519	landrace	8.43	3.10	China	102.55	26.74	Intermediate	N	N	G	A	G	A	N
HP68	landrace	7.55	3.51	China	124.82	43.5	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11862	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C182	landrace	8.20	3.30	Guangxi	108.2	22.48	Indica I	T	CT	G	A	A	A	N
W114	landrace	9.07	2.67	Vietnam	105.85	21.03	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11741	landrace	8.60	3.10	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9974	landrace	7.20	3.50	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX344	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W108	landrace	7.32	2.75	Kazakhstan	-71.3	51.1	Aus	T	CT	G	G	A	ATT	N
IRIS_313-11112	landrace	9.00	3.60	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11826	landrace	6.20	2.50	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-10080	landrace	8.40	3.50	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
W105	landrace	9.03	3.20	Mali	-7.59	12.4	Aus	N	CT	G	G	G	ATT	N
IRIS_313-12128	NA	7.60	2.00	Laos	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
CX31	cultivar	NA	NA	Myanmar	NA	NA	Indica II	T	CT	T	A	A	ATT	N
IRIS_313-8751	NA	9.50	2.60	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11892	landrace	8.70	3.20	Thailand	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10020	landrace	7.90	2.70	Sri Lanka	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11541	landrace	8.60	3.30	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10824	NA	9.30	2.70	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10056	landrace	7.50	3.30	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-9228	landrace	7.30	3.30	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9617	landrace	8.30	3.30	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11607	NA	8.60	2.80	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8721	landrace	8.00	2.80	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11382	NA	6.70	2.70	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11863	NA	8.00	3.10	China	NA	NA	Indica I	T	CT	G	A	G	A	N
IRIS_313-11909	landrace	8.10	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11575	landrace	8.00	3.30	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11727	NA	7.70	2.80	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
B129	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
C098	NA	8.02	3.27	Guangxi	108.2	22.48	Indica Intermediate	N	CT	G	A	A	A	N
HP328	NA	8.55	3.08	China	106.9	23.75	Indica Intermediate	N	CT	G	A	A	A	N
HP115	landrace	6.63	3.44	China	104.28	26.87	Temperate Japonica	N	CT	G	A	G	ATT	N
HP449	NA	8.33	3.11	China	113.31	32.72	Indica I	N	CT	G	A	G	A	N
HP86	landrace	8.52	3.11	China	109.91	33.55	Temperate Japonica	N	CT	G	A	G	ATT	N
HP197	NA	9.42	2.93	China	117.45	26.73	Indica Intermediate	N	CT	G	A	A	A	N
HP50	landrace	7.21	3.62	China	104.41	31.64	Temperate Japonica	N	CT	G	A	G	ATT	N
HP151	landrace	7.22	3.08	China	117.01	25.12	Temperate Japonica	N	CT	G	A	G	ATT	N
B135	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
B217	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG

HP44	landrace	7.51	3.23	China	99.15	24.69	Temperate Japonica	N	CT	G	A	A	ATT	N
HP182	NA	8.52	2.84	China	116.32	26.84	Indica Intermediate	N	CT	G	G	A	A	N
HP258	landrace	7.74	3.01	China	101.62	34.75	Temperate Japonica	N	CT	G	A	G	ATT	N
HP398	landrace	7.58	3.40	China	111.2	28.38	Temperate Japonica	N	CT	G	A	G	ATT	N
HP379	NA	8.90	3.02	China	108.33	33.34	Indica I	N	CT	N	A	A	ATT	N
HP83	landrace	7.57	3.42	China	108.57	34.17	Temperate Japonica	N	CT	G	A	G	ATT	A
HP319	NA	8.53	3.19	China	118.46	32.03	Indica I	N	CT	G	A	A	ATT	N
HP305	NA	8.80	2.72	China	106.41	23.15	Indica Intermediate	N	CT	G	G	A	A	N
HP445	NA	8.54	3.24	China	105.18	25.44	Indica Intermediate	N	N	G	A	A	A	N
HP95	landrace	7.31	3.54	China	129	42.52	Temperate Japonica	N	CT	G	A	G	ATT	N
HP584	NA	NA	NA	China	107.58	26.49	Indica I	N	CT	G	G	A	A	N
HP260	NA	8.33	2.79	China	104.32	30.88	Indica I	N	CT	G	A	A	A	N
HP287	landrace	8.64	2.54	China	105.46	28.96	Indica Intermediate	N	CT	G	A	A	A	N
HP418	landrace	8.41	3.02	China	110.02	25.78	Indica I	N	CT	G	A	G	A	N
HP321	NA	8.47	3.03	China	118.57	30.07	Indica I	N	CT	G	A	A	ATT	N
HP568	landrace	7.38	3.52	China	114.17	30.35	Temperate Japonica	N	CT	G	A	G	ATT	N
HP84	landrace	7.89	3.37	China	109.35	32.83	Temperate Japonica	N	CT	G	A	G	ATT	A
HP37	landrace	7.61	3.21	China	109.42	29.64	Temperate Japonica	N	CT	G	A	G	ATT	N
HP320	landrace	NA	NA	China	119.82	32.93	Indica I	N	CT	G	A	G	A	N
C106	landrace	7.48	3.40	Guizhou	106.42	26.35	Temperate Japonica	A	CT	G	A	G	ATT	A
B100	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP462	landrace	8.88	2.92	China	115.42	31.81	Temperate Japonica	N	CT	G	A	G	ATT	N
HP48	landrace	NA	NA	China	112.39	29.37	Temperate Japonica	N	CT	G	A	G	ATT	N
HP591	landrace	8.67	3.00	China	106.71	26.57	Indica I	N	DEL	G	G	G	A	N
HP503	landrace	NA	NA	China	117.77	26.41	Indica Intermediate	N	CT	N	A	G	A	N
HP570	landrace	8.51	2.87	China	104.04	30.4	Indica I	N	CT	G	A	A	A	N
HP215	NA	8.97	2.98	China	116.82	26.85	Indica Intermediate	N	CT	G	G	A	A	N
HP491	landrace	8.21	2.84	China	110.14	25.59	Indica I	N	CT	G	A	A	N	N
HP571	landrace	9.38	2.93	China	102.29	27.92	Indica I	N	DEL	G	G	G	A	N
HP332	NA	9.05	3.14	China	112.8	28.37	Indica I	N	CT	G	A	A	ATT	N
HP148	landrace	7.73	3.62	China	113.77	26.49	Temperate Japonica	N	CT	N	A	G	ATT	N
HP560	cultivar	8.38	3.10	China	114.79	24.91	Indica I	N	CT	G	A	A	A	N
HP474	landrace	8.38	3.28	China	114.17	30.35	Indica I	N	CT	G	A	A	A	N
B199	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C195	landrace	7.38	3.62	Jiangxi	115.52	28.41	Temperate Japonica	A	CT	G	A	G	ATT	N
HP522	NA	7.87	3.28	China	117.35	24.51	Indica I	N	CT	G	A	A	A	N
HP141	landrace	8.04	3.63	China	120.56	32.39	Temperate Japonica	N	CT	G	A	G	ATT	N
HP69	NA	8.57	3.00	China	105.62	25.94	Indica I	N	CT	G	A	A	A	N
C126	landrace	8.12	3.63	Hunan	113	28.11	Temperate Japonica	A	CT	G	A	G	ATT	N
B215	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
B170	landrace	NA	NA	Russia	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP290	NA	8.53	3.19	China	105.6	23.62	Indica Intermediate	N	DEL	G	G	A	A	N
C065	cultivar	7.98	3.22	Fujian	119.18	26.05	Indica Intermediate	N	CT	G	G	G	A	N
B120	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	N
HP178	landrace	9.23	2.44	China	120.1	30.16	Temperate Japonica	N	CT	G	G	G	ATT	N

HP530	NA	9.75	2.86	China	99.61	24.82	Indica Intermediate	N	CT	G	G	A	A	N
CX383	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP412	NA	7.16	3.02	China	109.2	22.69	Indica Intermediate	N	DEL	G	A	A	A	N
GP110	landrace	8.10	2.76	Philippine	NA	NA	Aus	N	CT	G	G	A	A	N
IRIS_313-11948	NA	8.00	3.30	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
CX307	landrace	NA	NA	China	NA	NA	Temperate Japonica	H	CT	G	A	G	ATT	H
IRIS_313-10353	cultivar	8.20	3.10	Korea	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10531	landrace	NA	NA	India	NA	NA	VI/Aromatic	H	CT	T	G	A	ATT	H
GP37	landrace	7.95	2.58	Philippine	NA	NA	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-10507	landrace	9.30	3.50	China	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10504	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11695	NA	8.30	3.00	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
W132	landrace	7.43	3.07	Taiwan	121.38	25.02	Indica I	T	CT	G	A	A	ATT	N
IRIS_313-11980	NA	6.30	3.10	China	NA	NA	Indica I	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-9602	landrace	10.10	3.00	Thailand	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX144	landrace	NA	NA	None	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-11130	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
GP692	landrace	8.84	2.96	Hungary	NA	NA	Temperate Japonica	N	CT	T	A	G	ATT	N
IRIS_313-12054	landrace	7.50	3.20	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
CX340	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX341	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10224	landrace	8.60	3.10	China	NA	NA	Indica I	H	CT	G	G	G	ATT	AAGCTGAGCTG
CX12	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
HP214	NA	8.75	2.96	China	116.75	25.72	Indica I	N	CT	G	G	A	A	N
HP43	landrace	8.61	3.55	China	105.18	25.44	Temperate Japonica	N	CT	G	A	G	ATT	N
W157	NA	8.00	2.85	Guangdong	113.15	23.08	Indica Intermediate	T	CT	G	A	A	A	N
HP119	NA	8.64	3.19	China	109.83	19.05	Indica I	N	CT	G	A	A	A	N
HP526	landrace	7.53	3.16	China	113.14	23.08	Indica I	N	CT	G	G	A	A	N
HP130	landrace	7.91	3.49	China	115.04	32.13	Temperate Japonica	N	CT	N	A	G	ATT	N
HP26	NA	8.45	3.14	China	121.48	31.22	Indica I	N	CT	G	A	A	A	N
HP341	landrace	NA	NA	China	109.69	19.91	Indica III	N	CT	G	G	A	A	N
HP426	landrace	8.03	3.42	China	121.48	31.22	Temperate Japonica	N	CT	G	A	G	ATT	N
HP137	landrace	7.23	3.16	China	120.29	31.59	Temperate Japonica	N	N	G	A	G	ATT	N
HP419	landrace	8.71	2.78	China	104.91	25.1	Indica I	N	N	G	A	G	A	N
HP35	landrace	NA	NA	China	112.58	31.17	Temperate Japonica	N	CT	G	A	G	ATT	N
HP318	landrace	8.85	2.95	China	119.55	32.43	Indica I	N	CT	G	G	A	ATT	N
HP87	landrace	7.58	3.71	China	109.37	32.41	Temperate Japonica	N	CT	G	A	G	ATT	N
HP76	landrace	8.69	3.05	China	115.55	28.4	Indica I	N	CT	G	A	A	ATT	N
HP552	landrace	8.79	2.90	China	106.9	27.7	Indica I	N	CT	G	A	A	A	N
HP554	landrace	8.87	3.56	China	105.49	25.11	Temperate Japonica	N	N	T	A	A	ATT	N
C075	landrace	7.95	3.80	Jiangsu	118.5	32.02	Temperate Japonica	N	CT	G	A	G	ATT	A
B110	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C144	landrace	7.63	4.08	Yunnan	102.41	25.04	Temperate Japonica	N	CT	G	A	G	ATT	N
B065	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
C045	cultivar	8.03	2.47	Guangdong	113.15	23.08	Indica Intermediate	N	CT	G	G	A	A	N

HP421	landrace	6.81	3.29	China	117.01	25.12	Temperate Japonica	N	CT	G	A	G	ATT	N
CX393	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	A
HP427	NA	8.15	3.25	China	104.37	31.13	Indica I	N	CT	G	A	G	A	N
CX88	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	N
HP189	landrace	8.97	3.14	China	118.39	29.15	Indica I	N	CT	G	A	G	DEL	N
HP201	NA	8.06	2.92	China	117.53	25	Indica Intermediate	N	CT	G	A	G	A	N
GP585	landrace	7.56	2.94	North Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
CX378	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	G	G	A	ATT	AAGCTGAGCTG
C029	cultivar	7.77	4.02	Unknown	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
B144	cultivar	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
B243	NA	NA	NA	China	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
HP164	NA	9.07	2.96	China	108.48	28.57	Indica Intermediate	N	CT	G	G	A	A	N
IRIS_313-9886	landrace	6.90	3.40	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
C043	cultivar	8.17	3.20	Shanghai	121.29	31.14	Indica I	N	CT	G	A	A	A	N
HP382	landrace	8.49	3.12	China	117	36.4	Temperate Japonica	N	CT	G	A	A	ATT	A
HP497	NA	9.31	2.87	China	113.39	25.95	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-11865	NA	7.50	2.90	China	NA	NA	Indica I	T	N	G	A	A	A	AAGCTGAGCTG
HP252	landrace	8.69	2.90	China	115.42	31.81	Indica I	N	CT	G	A	A	A	N
HP24	landrace	7.09	2.89	China	116.32	26.34	Temperate Japonica	N	CT	G	A	G	ATT	N
HP171	landrace	NA	NA	China	87.36	43.45	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-10966	NA	9.00	3.20	Brazil	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
GP691	landrace	NA	NA	Hungary	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-9379	landrace	6.70	3.40	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11159	landrace	8.80	3.20	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9758	NA	6.80	3.30	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11943	landrace	NA	NA	Nepal	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11944	landrace	8.60	2.90	Nepal	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10271	cultivar	9.70	2.70	Cuba	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11238	landrace	9.20	2.90	Brazil	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX269	landrace	NA	NA	Brazil	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX262	landrace	NA	NA	China	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX241	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
GP658	cultivar	8.39	2.73	Brazil	NA	NA	Tropical Japonica	N	CT	T	A	A	ATT	N
IRIS_313-15903	landrace	NA	NA	Brazil	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
GP39	landrace	9.42	2.61	Brazil	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
GP573	NA	NA	NA	Brazil	NA	NA	Indica III	N	CT	G	G	A	A	N
IRIS_313-10541	landrace	9.60	2.70	Guinea	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10834	landrace	8.90	3.20	India	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
W131	NA	7.18	2.79	India	77.2	28.6	Aus	T	CT	G	A	A	A	N
W020	landrace	8.80	3.15	India	77.2	28.6	Aus	N	CT	G	A	A	A	N
IRIS_313-10967	landrace	7.90	3.10	Brazil	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11914	NA	10.70	2.60	Burundi	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11915	landrace	8.20	3.40	Ghana	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-8118	landrace	NA	NA	Portugal	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11494	landrace	7.80	3.40	India	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG

IRIS_313-10274	cultivar	NA	NA	Guatemala	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10275	cultivar	9.40	2.50	Guatemala	NA	NA	Indica Intermediate	T	DEL	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8978	NA	8.10	2.90	Indonesia	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
GP83	cultivar	9.38	2.44	India	NA	NA	Indica Intermediate	N	N	T	G	A	A	N
CX267	cultivar	NA	NA	India	NA	NA	Indica Intermediate	T	N	G	G	A	A	AAGCTGAGCTG
IRIS_313-15909	landrace	NA	NA	None	NA	NA	VI/Aromatic	A	CT	T	G	A	ATT	A
IRIS_313-10577	landrace	9.60	3.80	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10968	NA	8.20	3.10	Brazil	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10828	landrace	7.70	3.50	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
W175	landrace	9.78	2.76	Korea	127.03	37.35	Intermediate	T	CT	T	A	A	ATT	N
IRIS_313-9366	landrace	8.90	3.50	United States	NA	NA	Japonica Intermediate	A	CT	G	G	A	ATT	A
IRIS_313-11961	NA	10.30	2.90	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10829	landrace	8.20	3.10	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11335	NA	8.00	3.70	Philippines	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10830	landrace	7.90	2.90	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-10775	NA	9.30	3.10	Indonesia	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10969	landrace	8.50	3.10	Brazil	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-9405	landrace	8.50	3.50	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-15907	cultivar	NA	NA	Uruguay	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10314	cultivar	9.00	2.50	Ecuador	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10307	NA	9.30	2.40	Ecuador	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
W040	NA	9.29	2.80	Ecuador	-89.36	-0.54	Indica II	T	CT	T	A	A	A	N
IRIS_313-9616	landrace	5.70	3.20	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
CX71	NA	NA	NA	Malaysia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12127	NA	6.70	2.70	Laos	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
CX226	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	C	T	G	A	A	AAGCTGAGCTG
CX206	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	DEL	G	G	A	A	AAGCTGAGCTG
GP139	cultivar	8.30	2.35	IRRI	NA	NA	Indica II	N	DEL	N	G	A	ATT	N
GP140	cultivar	8.67	2.16	IRRI	NA	NA	Indica II	N	CT	N	G	A	ATT	N
CX274	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	A
GP10	cultivar	9.00	2.28	Philippine	NA	NA	Indica II	N	CT	T	G	A	A	N
GP11	NA	8.33	2.30	Philippine	NA	NA	Indica II	N	CT	G	G	A	A	N
CX275	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX161	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	DEL	G	G	A	A	AAGCTGAGCTG
CX242	landrace	NA	NA	Philippines	NA	NA	Intermediate	H	CT	G	G	A	DEL	AAGCTGAGCTG
CX243	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
W213	landrace	8.45	2.53	India	77.2	28.6	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX231	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX232	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
CX44	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
W189	cultivar	8.91	2.72	Unknown	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX233	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	AAGCTGAGCTG
CX73	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	N	T	G	A	ATT	AAGCTGAGCTG
W222	cultivar	9.77	2.79	Pakistan	73.08	33.4	Indica II	N	N	T	G	A	ATT	N
CX234	NA	NA	NA	Philippines	NA	NA	Indica II	H	N	T	G	A	ATT	AAGCTGAGCTG

CX230	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	A	A	ATT	AAGCTGAGCTG
CX403	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	DEL	T	A	A	ATT	AAGCTGAGCTG
CX117	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
W269	cultivar	8.10	2.99	Philippines	121	14.6	Indica Intermediate	N	CT	T	G	A	ATT	N
GP13	cultivar	8.96	2.27	Philippine	NA	NA	Indica II	N	CT	G	G	A	A	N
C164	NA	8.52	3.37	Unknown	NA	NA	Indica II	N	N	G	A	A	A	N
CX43	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W188	cultivar	9.94	2.51	Unknown	NA	NA	Indica II	T	N	T	G	A	A	N
CX278	NA	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX42	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
W187	cultivar	0.00	0.00	Philippines	121	14.6	Indica Intermediate	T	CT	G	A	A	ATT	N
CX281	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX205	cultivar	NA	NA	Philippines	NA	NA	Japonica Intermediate	T	CT	G	A	A	ATT	A
CX124	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	A
W169	cultivar	9.12	2.74	Unknown	NA	NA	Indica II	T	CT	T	G	A	A	N
CX296	NA	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX225	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	H
CX276	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	DEL	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11987	landrace	8.60	2.90	Philippines	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
GP92	cultivar	7.91	2.35	IRRI	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	N
B028	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	G	A	A	DEL	AAGCTGAGCTG
GP93	cultivar	8.95	2.24	IRRI	NA	NA	Indica II	N	CT	T	G	A	ATT	N
GP129	cultivar	8.62	2.18	IRRI	NA	NA	Indica II	N	CT	T	G	A	ATT	N
GP100	cultivar	8.39	2.62	IRRI	NA	NA	Indica II	N	CT	T	A	A	A	N
GP101	cultivar	9.15	2.43	IRRI	NA	NA	Indica II	N	CT	G	A	A	A	N
GP102	cultivar	8.95	2.38	IRRI	NA	NA	Indica II	N	N	N	G	A	ATT	N
GP105	cultivar	9.33	2.37	IRRI	NA	NA	Indica II	N	CT	N	G	A	ATT	N
GP119	cultivar	8.03	2.32	IRRI	NA	NA	Indica Intermediate	T	DEL	G	A	A	A	N
GP136	cultivar	8.37	2.24	IRRI	NA	NA	Indica II	N	CT	T	G	A	ATT	N
GP15	cultivar	8.92	2.08	IRRI	NA	NA	Indica II	N	CT	G	G	A	ATT	N
IRIS_313-7684	cultivar	8.90	2.40	Philippines	NA	NA	Indica II	T	DEL	T	G	A	ATT	AAGCTGAGCTG
GP138	cultivar	7.82	1.95	IRRI	NA	NA	Indica II	N	CT	G	G	A	A	AAGCTGAGCTG
GP16	cultivar	9.33	2.67	IRRI	NA	NA	Indica II	N	CT	T	A	A	A	N
GP130	cultivar	9.49	2.29	IRRI	NA	NA	Indica II	N	CT	T	G	A	N	N
IRIS_313-11122	cultivar	10.00	2.50	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11887	cultivar	8.90	2.50	Philippines	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11979	cultivar	9.10	2.20	Philippines	NA	NA	Indica II	T	DEL	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7685	cultivar	9.00	2.10	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
GP79	cultivar	8.85	2.16	IRRI	NA	NA	Indica II	N	CT	N	G	A	A	N
IRIS_313-8392	cultivar	9.40	2.70	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP111	NA	8.75	2.14	IRRI	NA	NA	Indica II	N	DEL	N	G	A	A	N
W073	NA	9.70	2.34	Philippines	121	14.6	Indica II	N	CT	T	G	A	A	AAGCTGAGCTG
GP17	cultivar	9.22	2.23	IRRI	NA	NA	Indica II	N	DEL	T	G	A	A	N
GP18	cultivar	NA	NA	IRRI	NA	NA	Indica II	N	N	T	G	A	A	N
GP19	cultivar	8.99	2.08	IRRI	NA	NA	Indica II	N	CT	N	G	A	A	N

GP20	cultivar	7.60	2.37	IRRI	NA	NA	Indica II	N	DEL	G	G	A	ATT	N
W291	cultivar	0.00	0.00	Philippines	121	14.6	Indica II	T	CT	G	G	A	ATT	N
GP77	landrace	6.50	2.97	IRRI	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	N
IRIS_313-10294	cultivar	8.90	2.40	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP127	cultivar	8.94	2.22	IRRI	NA	NA	Indica II	N	N	T	G	A	ATT	N
IRIS_313-7688	cultivar	9.30	2.60	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7689	cultivar	8.90	2.40	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	A
GP21	cultivar	8.94	2.12	IRRI	NA	NA	Indica II	N	DEL	T	G	A	ATT	N
IRIS_313-7690	NA	10.00	2.80	Philippines	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
W066	NA	8.71	2.74	Philippines	121	14.6	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
GP9	cultivar	8.80	2.31	Philippine	NA	NA	Indica II	N	CT	T	G	A	A	N
GP78	cultivar	9.00	2.30	IRRI	NA	NA	Indica II	N	N	G	A	A	A	N
GP22	cultivar	9.28	2.27	IRRI	NA	NA	Indica II	N	CT	T	G	A	ATT	N
IRIS_313-7691	cultivar	9.50	2.50	Philippines	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-10355	cultivar	8.20	2.40	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP23	cultivar	9.02	2.02	IRRI	NA	NA	Indica II	N	DEL	N	G	A	ATT	N
W298	NA	9.46	2.53	Philippines	121	14.6	Indica II	T	CT	T	G	A	ATT	N
IRIS_313-11516	NA	9.50	3.10	Philippines	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
GP12	cultivar	8.61	2.49	IRRI	NA	NA	Indica II	N	N	N	G	A	A	N
GP24	cultivar	8.13	2.53	IRRI	NA	NA	Indica II	N	CT	T	A	A	A	N
IRIS_313-9044	cultivar	8.60	2.70	Philippines	NA	NA	Indica II	T	N	G	G	A	A	AAGCTGAGCTG
GP25	cultivar	8.74	2.42	IRRI	NA	NA	Indica II	N	CT	G	A	A	A	N
GP65	cultivar	9.51	2.23	IRRI	NA	NA	Indica II	N	CT	N	A	A	A	N
GP26	cultivar	9.41	3.55	IRRI	NA	NA	Japonica Intermediate	N	CT	T	A	G	ATT	N
GP106	cultivar	NA	NA	IRRI	NA	NA	Indica II	N	CT	G	G	A	A	N
GP27	cultivar	9.39	2.25	IRRI	NA	NA	Indica II	N	CT	T	A	A	A	N
GP28	cultivar	9.26	2.27	IRRI	NA	NA	Indica II	N	DEL	N	G	A	ATT	N
GP80	cultivar	9.84	2.22	IRRI	NA	NA	Indica II	N	CT	N	G	A	A	N
GP29	cultivar	8.36	2.02	IRRI	NA	NA	Indica II	N	CT	G	G	A	A	N
IRIS_313-11517	cultivar	10.00	3.40	Philippines	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
GP30	cultivar	7.86	2.36	IRRI	NA	NA	Indica II	N	CT	G	G	A	A	N
IRIS_313-11251	NA	8.40	3.10	Philippines	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11249	NA	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-15899	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
GP84	cultivar	9.48	2.59	IRRI	NA	NA	Indica II	T	N	N	G	A	A	N
GP81	cultivar	8.84	2.76	IRRI	NA	NA	Indica II	N	CT	N	A	A	A	N
IRIS_313-15898	NA	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
IRIS_313-11886	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP73	cultivar	8.50	2.28	IRRI	NA	NA	Indica II	N	CT	N	A	A	A	N
IRIS_313-8003	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10357	cultivar	9.60	2.60	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	A
GP31	NA	9.00	2.27	IRRI	NA	NA	Indica II	N	CT	T	G	A	ATT	N
GP74	cultivar	8.25	2.17	IRRI	NA	NA	Indica II	N	N	G	G	A	A	N
IRIS_313-10359	NA	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	A
GP116	cultivar	8.56	2.20	IRRI	NA	NA	Indica II	N	N	T	N	A	A	N

IRIS_313-8616	cultivar	8.60	2.40	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
GP68	cultivar	9.24	2.64	IRRI	NA	NA	Indica Intermediate	N	CT	N	A	A	A	N
IRIS_313-7696	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10167	cultivar	9.30	2.40	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	N
GP82	cultivar	8.93	2.39	IRRI	NA	NA	Indica II	N	CT	T	G	A	A	N
IRIS_313-11978	cultivar	9.20	2.60	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10360	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
IRIS_313-7698	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7699	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	A	CT	T	A	A	A	AAGCTGAGCTG
W084	cultivar	8.47	3.09	Philippines	121	14.6	Indica Intermediate	T	N	G	A	A	A	N
IRIS_313-8232	landrace	10.00	2.90	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10361	NA	8.00	3.00	Philippines	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-7902	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W301	cultivar	9.87	2.74	Philippines	121	14.6	Indica II	T	DEL	T	A	A	ATT	N
IRIS_313-10366	cultivar	9.10	2.40	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
B139	NA	NA	NA	China	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
W289	cultivar	9.61	2.73	Philippines	121	14.6	Indica II	T	CT	T	G	A	A	N
IRIS_313-10371	cultivar	8.90	2.70	Philippines	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-10373	landrace	7.10	3.10	Philippines	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-7907	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10374	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10375	NA	8.40	2.70	Philippines	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
GP70	cultivar	7.78	2.59	IRRI	NA	NA	Indica II	N	DEL	G	A	A	A	N
GP69	cultivar	9.21	2.29	IRRI	NA	NA	Indica II	N	CT	N	G	A	A	N
IRIS_313-8010	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-7909	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7911	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-15906	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10379	landrace	6.90	3.10	Philippines	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10380	NA	7.00	3.20	Philippines	NA	NA	Aus	T	CT	G	A	A	ATT	A
IRIS_313-10385	cultivar	9.70	2.20	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-15902	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	N
IRIS_313-15901	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10392	cultivar	9.20	2.30	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP14	cultivar	9.59	2.39	IRRI	NA	NA	Indica II	N	DEL	T	G	A	A	N
W293	cultivar	8.86	3.16	Philippines	121	14.6	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10394	landrace	8.70	2.90	Philippines	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10396	cultivar	8.80	2.60	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-15900	cultivar	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
GP94	cultivar	8.10	2.33	IRRI	NA	NA	Indica II	N	CT	G	G	A	ATT	N
GP97	cultivar	8.41	2.08	IRRI	NA	NA	Indica II	N	CT	T	G	A	ATT	N
GP98	cultivar	8.03	2.21	IRRI	NA	NA	Indica II	N	CT	T	G	A	A	N
GP71	cultivar	7.52	2.21	IRRI	NA	NA	Indica II	N	DEL	G	G	A	ATT	N
GP95	cultivar	8.97	2.35	IRRI	NA	NA	Indica II	N	CT	G	G	A	A	N
GP121	cultivar	8.83	2.24	IRRI	NA	NA	Indica II	N	CT	N	G	A	ATT	N

GP72	cultivar	8.21	2.41	IRRI	NA	NA	Indica II	N	CT	G	G	A	ATT	N
GP90	cultivar	7.72	2.43	IRRI	NA	NA	Indica Intermediate	N	N	G	G	A	A	N
IRIS_313-11250	cultivar	9.00	3.30	Philippines	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
W046	cultivar	9.10	3.02	Philippines	121	14.6	Indica II	T	N	T	A	A	A	N
GP96	cultivar	7.71	2.05	IRRI	NA	NA	Indica II	N	CT	G	G	A	A	N
IRIS_313-11385	NA	9.00	2.80	Philippines	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
GP132	cultivar	8.17	2.39	IRRI	NA	NA	Indica II	N	CT	G	G	A	ATT	N
GP91	cultivar	8.73	2.54	IRRI	NA	NA	Indica II	N	CT	T	A	A	A	N
GP123	cultivar	8.45	2.30	IRRI	NA	NA	Indica II	N	CT	G	G	A	ATT	N
C153	landrace	9.28	3.97	Unknown	NA	NA	Tropical Japonica	N	CT	G	A	A	ATT	N
CX220	landrace	NA	NA	Brazil	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
CX247	cultivar	NA	NA	Indonesia	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W217	landrace	7.96	3.15	Indonesia	106.45	-6.08	Indica Intermediate	A	CT	G	A	A	A	AAGCTGAGCTG
B039	NA	NA	NA	Ivory Coast	NA	NA	Indica II	H	CT	G	G	A	A	H
GP572	cultivar	8.26	2.28	Ivory Coast	NA	NA	Indica II	N	CT	G	G	A	A	N
IRIS_313-7912	landrace	NA	NA	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
GP643	landrace	9.65	2.80	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-7914	landrace	NA	NA	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9978	landrace	8.10	3.60	Madagascar	NA	NA	VI/Aromatic	A	CT	T	A	A	ATT	A
GP644	landrace	9.17	3.05	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	N
IRIS_313-7922	landrace	NA	NA	French Guiana	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-7924	landrace	NA	NA	Bolivia	NA	NA	Tropical Japonica	A	CT	T	G	A	A	A
CX64	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	A	CT	G	A	A	A	AAGCTGAGCTG
B188	landrace	NA	NA	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
B189	landrace	NA	NA	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
CX126	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX369	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX134	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11336	landrace	8.00	3.60	Philippines	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10397	cultivar	10.00	2.20	Colombia	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10398	cultivar	9.70	2.20	Colombia	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-10399	NA	NA	NA	Colombia	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10400	cultivar	9.10	2.30	Colombia	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10401	cultivar	NA	NA	Colombia	NA	NA	Indica II	T	N	T	G	A	A	AAGCTGAGCTG
IRIS_313-10402	cultivar	8.80	2.30	Colombia	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	N
IRIS_313-10403	cultivar	9.20	2.50	Colombia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10301	cultivar	10.00	2.40	Brazil	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9922	cultivar	8.00	2.90	Korea	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
GP593	cultivar	NA	NA	North Korea	NA	NA	Indica II	N	N	G	A	A	A	N
IRIS_313-8437	landrace	7.90	3.30	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-11432	landrace	8.70	3.20	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11930	landrace	9.50	2.60	Nigeria	NA	NA	Indica II	A	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-12021	landrace	9.50	3.10	Nigeria	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
B190	landrace	NA	NA	Nigeria	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11713	NA	9.60	2.70	Nigeria	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG

IRIS_313-8025	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	G	ATT	A
GP684	landrace	9.30	2.90	Italy	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
W140	landrace	8.49	3.08	Sri Lanka	79.52	6.55	Aus	T	CT	G	G	A	ATT	N
GP680	landrace	7.89	2.71	Cuba	NA	NA	Japonica Intermediate	N	CT	G	G	G	ATT	N
B052	NA	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
GP681	landrace	9.15	2.33	Cuba	NA	NA	Japonica Intermediate	N	CT	N	G	A	ATT	N
IRIS_313-11537	landrace	8.20	3.50	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11538	NA	7.60	3.10	Philippines	NA	NA	Indica II	T	CT	G	A	G	A	AAGCTGAGCTG
GP533	landrace	8.36	3.00	Bengal	NA	NA	Aus	N	CT	G	G	G	ATT	N
IRIS_313-8410	NA	7.80	3.00	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
W279	NA	7.99	3.20	Bangladesh	90.24	23.51	Aus	T	CT	G	G	A	A	N
IRIS_313-8186	cultivar	NA	NA	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11627	landrace	7.20	3.20	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-10065	landrace	8.50	3.60	South Korea	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8252	NA	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	N
B030	landrace	NA	NA	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11360	landrace	8.20	3.00	India	NA	NA	VI/Aromatic	A	CT	G	G	G	ATT	A
CX153	landrace	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9449	landrace	8.90	2.80	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	A
IRIS_313-8815	landrace	7.70	2.90	Bhutan	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-9251	NA	6.80	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11327	NA	10.60	3.10	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11530	NA	10.50	3.10	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8679	NA	9.60	2.90	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9790	landrace	8.30	3.30	Uruguay	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP594	landrace	7.67	3.29	Argentina	NA	NA	Japonica Intermediate	N	CT	G	A	G	ATT	N
IRIS_313-10702	landrace	9.60	2.20	Malaysia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11322	landrace	7.90	3.30	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	N
IRIS_313-11717	NA	8.80	3.20	Indonesia	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
GP87	cultivar	8.37	2.62	India	NA	NA	Indica II	N	N	N	A	A	A	N
W299	cultivar	7.82	2.95	India	77.2	28.6	Indica Intermediate	T	DEL	G	A	A	A	N
IRIS_313-8326	landrace	6.20	3.20	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-8385	landrace	6.40	3.10	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-9629	landrace	6.80	2.50	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
GP67	landrace	7.29	3.04	India	NA	NA	Aus	N	CT	G	A	G	ATT	N
GP45	NA	7.93	2.72	India	NA	NA	Indica I	N	CT	G	A	A	A	N
IRIS_313-10951	landrace	8.40	2.40	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10067	landrace	9.30	3.50	South Korea	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-9887	landrace	7.10	3.30	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12180	NA	9.50	2.50	Nepal	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9262	landrace	8.90	2.90	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W214	landrace	9.47	2.61	Pakistan	73.08	33.4	Aus	T	CT	G	G	A	A	N
IRIS_313-11027	NA	7.30	2.00	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX63	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11323	landrace	7.80	2.90	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG

IRIS_313-10981	landrace	7.70	3.20	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-12007	NA	8.00	2.70	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
B104	cultivar	NA	NA	India	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C040	cultivar	7.62	3.05	Xizang	91.1	29.41	Indica I	N	N	G	A	A	A	N
GP619	landrace	7.37	3.23	Japan	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
HP159	landrace	6.17	3.33	China	104.04	30.4	Temperate Japonica	N	CT	G	A	G	ATT	N
HP411	landrace	NA	NA	China	121.3	25.03	Indica Intermediate	N	CT	G	A	G	A	N
HP507	landrace	8.89	3.14	China	111.09	29.41	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-11866	cultivar	7.60	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11576	NA	9.00	2.90	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
HP3	landrace	7.70	3.53	China	120.76	30.77	Temperate Japonica	N	CT	G	A	G	ATT	N
B166	landrace	NA	NA	North Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C117	NA	10.35	3.08	Jiangxi	115.52	28.41	Indica Intermediate	N	CT	T	G	A	A	N
B253	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
HP496	landrace	8.15	2.91	China	113	25.79	Indica I	N	CT	G	A	A	A	N
CX53	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
W201	cultivar	10.07	2.60	Jiangxi	115.52	28.41	Indica Intermediate	N	CT	T	G	A	A	N
HP476	NA	8.51	3.09	China	116.1	24.55	Indica Intermediate	N	CT	G	A	G	A	N
HP501	landrace	8.53	3.19	China	113.77	26.49	Indica I	N	CT	G	A	G	A	N
HP231	NA	9.05	2.85	China	106.84	22.36	Indica Intermediate	N	CT	G	A	A	ATT	N
HP198	NA	9.43	2.91	China	117.48	27.34	Indica Intermediate	N	CT	G	A	A	A	N
HP227	cultivar	8.61	2.92	China	121.3	25.03	Indica II	N	CT	G	A	A	A	N
HP228	cultivar	9.59	2.42	China	121.3	25.03	Indica Intermediate	N	CT	T	G	A	A	N
HP547	NA	8.31	2.72	China	110.07	23.38	Indica Intermediate	N	CT	G	G	A	A	N
GP660	landrace	8.52	3.40	Japan	NA	NA	Tropical Japonica	N	CT	G	A	A	ATT	N
HP254	NA	9.21	2.81	China	113.31	32.72	Indica I	N	CT	G	G	G	A	N
IRIS_313-11802	landrace	8.60	3.30	China	NA	NA	Indica I	T	CT	G	G	G	A	AAGCTGAGCTG
C125	landrace	8.95	3.37	Jiangxi	115.52	28.41	Indica I	N	CT	G	A	A	ATT	AAGCTGAGCTG
B198	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
HP430	NA	10.08	2.81	China	114.17	30.35	Indica I	N	CT	N	A	G	A	N
B097	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
HP134	landrace	6.81	3.37	China	120.63	31.16	Temperate Japonica	N	CT	G	A	G	ATT	N
HP356	landrace	NA	NA	China	99.41	23.56	Indica Intermediate	N	CT	G	A	A	A	N
B036	landrace	NA	NA	Brazil	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
IRIS_313-11665	NA	9.00	3.20	China	NA	NA	Indica I	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8405	NA	8.00	2.90	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	H
C097	NA	8.65	3.10	Fujian	119.18	26.05	Indica Intermediate	N	CT	G	G	A	A	N
HP600	landrace	8.94	3.09	China	112.98	33.25	Indica I	N	CT	G	A	A	A	N
HP573	NA	NA	NA	China	117.17	31.52	Indica Intermediate	N	DEL	G	G	G	A	N
HP208	NA	8.69	2.82	China	117.8	26.8	Indica Intermediate	N	CT	G	A	G	A	N
B075	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-15904	landrace	NA	NA	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX329	cultivar	NA	NA	China	NA	NA	Temperate Japonica	T	CT	G	A	G	ATT	A
C056	landrace	8.22	3.88	Shanxi	112.34	37.52	Temperate Japonica	N	CT	G	A	G	ATT	A
B236	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A

B020	landrace	NA	NA	Guinea	NA	NA	Intermediate	A	CT	G	G	A	DEL	AAGCTGAGCTG
HP97	landrace	7.94	3.35	China	116.57	34.79	Temperate Japonica	N	CT	G	A	G	ATT	N
HP102	landrace	7.78	3.17	China	123.18	47.35	Temperate Japonica	N	CT	T	A	G	ATT	N
B254	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
W327	landrace	7.22	3.27	Anhui	117.18	37.51	Temperate Japonica	A	CT	G	A	G	ATT	A
HP376	landrace	7.09	3.49	China	109.35	32.83	Temperate Japonica	N	CT	G	A	G	ATT	A
GP620	landrace	7.28	3.00	IRRI	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
HP323	landrace	8.63	2.48	China	117.17	31.52	Indica I	N	CT	G	G	A	ATT	N
HP395	cultivar	9.57	2.90	China	114.17	30.35	Indica Intermediate	N	CT	G	G	A	A	N
C112	NA	8.80	2.77	Hunan	113	28.11	Indica I	N	CT	G	G	A	A	A
B151	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
B247	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
C022	NA	8.27	2.70	Hunan	113	28.11	Indica I	N	CT	G	G	A	A	N
HP566	landrace	8.84	3.08	China	106.51	33.93	Indica I	N	CT	G	A	G	A	N
C096	NA	8.63	3.08	Jiangxi	115.52	28.41	Indica Intermediate	N	CT	G	A	A	A	N
B073	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
C049	cultivar	10.22	3.05	Fujian	119.18	26.05	Indica Intermediate	N	CT	T	G	A	A	N
B200	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
CX389	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	A	A
HP486	landrace	8.66	3.01	China	109.43	27.92	Indica I	N	CT	G	A	G	A	N
C132	NA	9.00	3.68	Yunnan	102.41	25.04	Indica Intermediate	N	DEL	G	A	G	A	AAGCTGAGCTG
B096	NA	NA	NA	China	NA	NA	Indica Intermediate	T	DEL	G	A	G	A	AAGCTGAGCTG
GP624	NA	7.03	1.72	Hungary	NA	NA	Indica Intermediate	N	CT	G	G	A	A	N
HP101	landrace	7.08	3.74	China	126.57	43.87	Temperate Japonica	N	CT	G	A	G	ATT	N
HP289	NA	NA	NA	China	101.88	22.58	Indica Intermediate	N	CT	G	A	A	A	N
HP343	NA	NA	NA	China	110.33	19.98	Indica Intermediate	N	CT	G	A	A	A	AAGCTGAGCTG
HP161	landrace	7.51	3.41	China	112.57	35.08	Temperate Japonica	N	CT	G	A	G	ATT	N
HP386	landrace	8.37	2.70	China	101.62	34.75	Indica I	N	DEL	G	G	G	A	N
HP66	landrace	8.09	3.43	China	106.93	33	Temperate Japonica	N	CT	G	A	A	ATT	N
IRIS_313-9698	landrace	6.40	3.10	North Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10096	landrace	7.80	3.10	South Korea	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-12290	landrace	8.30	3.30	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8683	landrace	7.90	2.20	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX74	landrace	NA	NA	Pakistan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W107	NA	9.15	3.34	Pakistan	73.08	33.4	Indica Intermediate	T	CT	G	G	A	ATT	N
IRIS_313-11622	cultivar	7.00	2.90	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
GP506	landrace	7.90	3.29	Japan	NA	NA	Tropical Japonica	N	CT	G	A	A	ATT	N
IRIS_313-8119	landrace	NA	NA	Bulgaria	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11599	NA	9.20	2.50	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10279	NA	10.30	2.60	Dominican Republic	NA	NA	Indica Intermediate	T	DEL	T	A	A	A	AAGCTGAGCTG
W047	landrace	8.47	3.11	Nepal	85.3	27.7	Japonica Intermediate	A	CT	G	A	G	ATT	N
IRIS_313-11956	landrace	NA	NA	Nepal	NA	NA	Japonica Intermediate	H	CT	G	A	A	ATT	A
C174	NA	9.77	2.92	Unknown	NA	NA	Indica II	N	CT	T	G	A	A	N
B146	NA	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W143	landrace	8.03	3.15	Bhutan	89.7	27.5	Japonica Intermediate	A	CT	G	A	A	ATT	A

W035	NA	8.47	2.97	Suriname	-55.14	5.52	Indica Intermediate	T	CT	G	A	A	A	N
IRIS_313-11505	NA	8.60	3.00	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11155	landrace	7.80	3.00	India	NA	NA	Temperate Japonica	A	CT	G	G	G	A	A
IRIS_313-11506	NA	7.60	3.30	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
GP107	cultivar	8.72	2.35	Uganda	NA	NA	Indica Intermediate	N	CT	T	G	A	A	N
IRIS_313-11197	NA	8.30	2.70	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
B040	cultivar	NA	NA	Uganda	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8277	landrace	9.50	3.60	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11759	landrace	8.80	3.10	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
GP126	landrace	6.48	2.84	Uganda	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	A
GP575	landrace	6.55	2.92	Uganda	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP590	landrace	7.36	2.86	India	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
IRIS_313-10404	NA	8.30	2.70	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11198	landrace	8.00	3.50	India	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12080	landrace	7.70	2.40	Philippines	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10654	NA	10.80	2.90	Laos	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9314	landrace	10.30	2.80	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10776	landrace	8.30	3.60	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11722	cultivar	8.20	2.60	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11084	NA	NA	NA	Cambodia	NA	NA	Indica III	T	N	T	G	A	A	AAGCTGAGCTG
IRIS_313-11016	landrace	8.10	2.70	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9208	NA	8.70	3.10	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11168	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11211	NA	9.10	3.30	Bangladesh	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11959	NA	8.60	3.40	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
B015	NA	NA	NA	Romania	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10662	NA	8.30	3.30	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-9800	landrace	8.50	3.60	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10574	NA	NA	NA	Sierra Leone	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-7933	landrace	7.60	3.40	Nepal	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-11113	landrace	9.30	3.40	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10973	landrace	8.30	3.30	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-11115	landrace	8.20	3.60	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9391	landrace	8.20	3.20	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11324	landrace	7.60	3.20	Bangladesh	NA	NA	Aus	T	CT	G	A	A	A	A
IRIS_313-11097	NA	7.40	3.30	Philippines	NA	NA	Indica III	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11131	landrace	NA	NA	Myanmar	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11132	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10537	landrace	7.30	3.30	Bangladesh	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
IRIS_313-10025	landrace	7.70	3.30	Madagascar	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-11413	landrace	7.50	3.00	None	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-9626	landrace	8.90	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	A
IRIS_313-11742	landrace	7.70	2.80	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11067	landrace	8.30	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11361	NA	9.10	2.90	India	NA	NA	Indica III	T	N	T	G	A	A	AAGCTGAGCTG

IRIS_313-10089	landrace	7.60	4.00	Bulgaria	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11994	landrace	8.80	3.60	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11476	landrace	7.80	2.80	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11451	landrace	8.30	2.50	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-9218	landrace	7.90	3.00	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11212	NA	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8968	landrace	7.80	3.20	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11489	NA	9.20	3.30	India	NA	NA	Aus	T	CT	G	G	A	ATT	A
IRIS_313-9019	NA	9.70	3.10	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10777	landrace	7.70	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	H
IRIS_313-8302	landrace	NA	NA	Bhutan	NA	NA	Japonica Intermediate	A	CT	G	G	A	A	H
IRIS_313-8857	landrace	7.90	2.70	Bhutan	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-9669	NA	9.00	3.30	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10902	NA	NA	NA	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11939	NA	9.80	2.60	Burkina Faso	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10974	landrace	8.10	3.10	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10925	landrace	8.80	2.90	Nepal	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11169	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11934	cultivar	9.60	3.30	Philippines	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11830	landrace	7.70	2.60	Gambia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11888	landrace	10.60	2.90	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11477	NA	9.10	2.80	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9249	landrace	9.90	3.10	Cambodia	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W058	NA	7.35	3.27	Taiwan	121.7	25	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11623	landrace	8.70	3.70	China	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10617	landrace	7.90	3.70	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11458	landrace	8.20	3.20	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11963	landrace	7.90	3.00	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9461	NA	9.20	2.70	Senegal	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W092	landrace	7.75	3.17	Sri Lanka	79.52	6.55	Aus	N	CT	G	G	A	ATT	N
IRIS_313-11827	NA	9.10	2.60	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10545	landrace	NA	NA	None	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-11816	NA	7.80	3.10	Myanmar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11628	landrace	NA	NA	Nepal	NA	NA	VI/Aromatic	H	CT	G	A	A	ATT	A
CX149	landrace	NA	NA	India	NA	NA	VI/Aromatic	A	CT	T	G	A	ATT	A
W215	landrace	9.36	2.73	India	77.2	28.6	Aus	N	CT	G	G	A	A	A
IRIS_313-11204	NA	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	A
IRIS_313-12093	NA	7.50	2.30	Nepal	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11414	landrace	8.80	2.80	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10718	landrace	7.30	2.90	Sri Lanka	NA	NA	Aus	T	CT	G	G	G	ATT	A
CX227	landrace	NA	NA	Japan	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-12094	landrace	4.70	2.10	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-12079	landrace	6.70	2.60	Pakistan	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12073	landrace	7.40	2.80	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
GP541	landrace	9.87	2.90	Philippine	NA	NA	Tropical Japonica	N	CT	G	G	A	ATT	N

IRIS_313-10963	landrace	8.50	2.70	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11463	NA	9.00	3.20	Philippines	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11779	NA	9.20	3.00	Tanzania	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8811	NA	9.70	2.70	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8285	landrace	9.10	2.30	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-12287	NA	9.70	2.70	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12266	landrace	8.40	2.80	Myanmar	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-11999	NA	8.10	3.00	Cambodia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11415	NA	NA	NA	Nigeria	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11040	landrace	8.90	3.10	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10575	landrace	NA	NA	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11117	landrace	8.40	2.90	Indonesia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11205	landrace	8.90	3.20	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
GP540	NA	8.53	3.35	Pakistan	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	N
CX349	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-11867	landrace	8.40	2.70	China	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
W085	cultivar	7.68	3.50	China	116.4	39.9	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8291	NA	7.90	2.60	Indonesia	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8559	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10102	landrace	9.10	2.60	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	N
HP544	cultivar	9.66	2.75	China	111.69	29.05	Indica Intermediate	N	CT	N	A	A	A	N
B179	landrace	NA	NA	France	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10825	NA	NA	NA	None	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11319	NA	8.70	2.90	Indonesia	NA	NA	Indica III	T	CT	G	G	A	ATT	N
IRIS_313-8439	landrace	9.00	3.20	Malaysia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
GP528	landrace	9.28	3.05	Laos	NA	NA	Tropical Japonica	A	CT	N	A	A	ATT	N
IRIS_313-10778	landrace	7.90	2.80	Indonesia	NA	NA	Indica III	T	DEL	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11090	NA	NA	NA	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10779	NA	9.50	2.30	Indonesia	NA	NA	Indica III	T	DEL	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8687	landrace	8.10	3.60	Guinea	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11983	NA	9.30	2.80	Burkina Faso	NA	NA	Indica III	T	CT	G	G	A	A	N
IRIS_313-9329	NA	8.60	2.70	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9301	landrace	9.70	3.10	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
GP687	landrace	8.98	3.00	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	N
GP683	landrace	9.43	2.94	Indonesia	NA	NA	Tropical Japonica	N	CT	G	G	A	ATT	N
IRIS_313-10936	landrace	9.90	2.80	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8831	NA	8.00	2.90	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10780	landrace	8.60	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11183	landrace	9.60	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10152	landrace	9.80	3.00	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10781	landrace	9.80	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10841	landrace	9.50	3.60	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10782	NA	9.70	3.10	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10783	landrace	8.90	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10740	landrace	9.80	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A

IRIS_313-10741	landrace	9.50	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10998	landrace	8.00	2.70	Indonesia	NA	NA	Indica III	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10784	landrace	9.60	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-9590	landrace	8.40	2.80	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10785	landrace	9.90	3.60	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10786	landrace	NA	NA	Indonesia	NA	NA	Indica III	H	CT	G	G	A	DEL	A
IRIS_313-11362	landrace	6.70	2.30	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
GP520	landrace	7.71	2.98	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	N
IRIS_313-10754	cultivar	8.10	3.10	India	NA	NA	Indica Intermediate	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-11486	cultivar	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	CT	T	G	A	A	A
IRIS_313-10679	landrace	9.70	4.00	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11216	landrace	8.10	3.40	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
GP583	landrace	10.61	2.49	Thailand	NA	NA	Japonica Intermediate	N	CT	G	A	A	ATT	N
IRIS_313-10681	NA	9.90	3.80	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12344	landrace	10.80	3.90	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11831	landrace	11.30	3.80	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-8985	NA	8.20	2.90	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11922	landrace	9.80	3.40	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11923	landrace	12.40	3.50	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11706	landrace	6.10	2.80	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11681	landrace	9.10	3.20	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10928	NA	9.60	2.50	Thailand	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10524	NA	10.40	3.00	None	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11608	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	N
IRIS_313-11680	NA	9.40	2.60	Thailand	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-9567	NA	10.30	3.00	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
W210	landrace	8.24	3.00	Philippines	121	14.6	Indica I	T	CT	G	A	A	A	N
IRIS_313-11073	landrace	9.50	3.40	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
CX154	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8253	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	N
IRIS_313-11386	NA	10.30	2.60	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
GP527	landrace	8.55	3.15	Laos	NA	NA	Japonica Intermediate	N	CT	N	A	A	ATT	N
IRIS_313-11921	NA	9.80	2.90	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-9032	cultivar	9.00	2.80	Thailand	NA	NA	Indica II	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11085	NA	9.80	3.50	Laos	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-9281	NA	9.40	3.00	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
GP582	landrace	8.14	3.66	Laos	NA	NA	Japonica Intermediate	N	CT	T	A	A	ATT	N
IRIS_313-12242	landrace	9.60	4.00	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11836	NA	9.10	2.80	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11542	landrace	7.90	3.10	Myanmar	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-9121	NA	10.00	3.10	Thailand	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-12351	landrace	10.30	4.30	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
W021	landrace	9.34	4.09	Laos	102.61	17.96	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11074	NA	10.10	3.10	Laos	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9182	landrace	NA	NA	Myanmar	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG

IRIS_313-11837	NA	11.00	3.10	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	N
IRIS_313-11075	landrace	8.80	3.80	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-11091	NA	NA	NA	Laos	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-12130	NA	6.50	2.90	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11092	landrace	NA	NA	Laos	NA	NA	Japonica Intermediate	H	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11194	NA	10.40	3.10	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-10921	NA	9.00	3.10	Laos	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-8870	landrace	9.10	2.70	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9198	NA	9.80	2.70	Laos	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8702	NA	8.70	2.60	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11707	NA	9.30	2.70	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11962	NA	9.90	2.50	Thailand	NA	NA	Indica III	T	N	T	G	A	A	AAGCTGAGCTG
IRIS_313-11093	landrace	9.50	4.20	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11086	NA	NA	NA	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8793	NA	NA	NA	Myanmar	NA	NA	Indica III	T	N	T	A	A	A	N
IRIS_313-11708	NA	9.30	2.60	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
GP580	NA	6.59	3.34	Laos	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11817	NA	NA	NA	Myanmar	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8398	landrace	8.60	3.20	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	A
CX143	landrace	NA	NA	Iran	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-11893	landrace	8.70	3.20	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8578	landrace	9.10	3.90	Vietnam	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11195	landrace	6.30	3.80	Myanmar	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-10518	landrace	8.50	3.80	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
CX27	NA	NA	NA	Iran	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W173	landrace	10.45	2.60	Iran	51.3	35.45	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11363	NA	9.20	2.80	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12263	NA	10.20	3.60	Laos	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11364	NA	7.40	2.80	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-12037	NA	8.50	2.70	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W292	NA	7.58	2.76	Bangladesh	90.24	23.51	Aus	T	CT	G	G	A	ATT	N
IRIS_313-10903	NA	NA	NA	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11814	NA	11.20	2.80	Kenya	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10952	landrace	7.90	2.90	Indonesia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11780	NA	10.60	3.10	Tanzania	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W124	NA	7.66	2.80	China	116.4	39.9	Indica I	T	CT	G	G	A	ATT	N
IRIS_313-9389	landrace	7.90	3.50	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
GP75	NA	8.80	2.83	Philippine	NA	NA	Indica Intermediate	N	CT	N	A	A	A	N
CX248	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11473	landrace	8.10	4.00	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10469	landrace	7.50	3.60	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10026	NA	8.30	2.70	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
GP570	landrace	7.03	3.20	Philippine	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9924	NA	8.50	3.20	Korea	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11690	landrace	7.70	2.60	Bhutan	NA	NA	Intermediate	T	CT	G	A	A	A	A

IRIS_313-11449	NA	7.80	2.40	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX382	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7719	cultivar	NA	NA	Mali	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9445	landrace	7.80	3.30	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	N
IRIS_313-10975	NA	8.20	3.40	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11456	NA	9.10	2.20	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8681	landrace	7.70	2.60	Guinea	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10929	NA	8.20	3.10	India	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-11098	landrace	NA	NA	Sierra Leone	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11793	NA	9.80	2.70	Madagascar	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11903	landrace	8.40	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-12265	landrace	9.90	3.60	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11416	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11935	NA	6.60	2.00	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10557	NA	8.40	2.90	Cambodia	NA	NA	Indica III	T	DEL	G	G	A	A	AAGCTGAGCTG
IRIS_313-9070	landrace	7.90	2.80	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11724	NA	6.20	2.40	Guinea	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9811	landrace	9.00	3.40	Hungary	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9505	NA	8.50	3.40	Philippines	NA	NA	Indica I	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9297	landrace	10.10	3.70	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11116	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	N
IRIS_313-8769	landrace	9.80	3.30	Guinea	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10572	NA	NA	NA	Nigeria	NA	NA	Indica III	T	CT	G	A	G	A	H
IRIS_313-10712	landrace	9.60	3.70	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9002	landrace	7.80	3.50	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11600	NA	7.80	3.00	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8660	landrace	7.40	3.10	Sri Lanka	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11524	landrace	8.90	3.00	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
HP72	landrace	7.55	3.54	China	106.62	23.91	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-10727	NA	10.30	3.00	Senegal	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8283	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
CX388	cultivar	NA	NA	Thailand	NA	NA	Indica II	T	CT	T	A	A	A	N
W117	landrace	7.62	3.77	Russian Federation	37.37	55.45	Temperate Japonica	A	CT	G	A	G	ATT	A
W012	landrace	7.84	3.82	Russian Federation	37.37	55.45	Temperate Japonica	N	CT	G	A	G	ATT	A
IRIS_313-10904	NA	8.30	2.80	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9210	NA	6.80	2.80	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W045	landrace	8.57	3.66	Russian Federation	37.37	55.45	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-12046	landrace	7.80	2.40	Indonesia	NA	NA	Indica III	T	DEL	G	G	A	A	AAGCTGAGCTG
IRIS_313-12058	NA	6.80	2.70	Cambodia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9968	NA	8.00	3.40	Sri Lanka	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8155	landrace	NA	NA	Russia	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-11206	NA	8.00	3.10	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8492	NA	8.90	2.90	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	N
IRIS_313-11937	cultivar	8.00	3.10	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W302	landrace	8.07	3.16	Indonesia	106.45	-6.08	Tropical Japonica	A	CT	G	A	A	ATT	N

IRIS_313-10905	NA	8.20	2.70	Cambodia	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-9861	landrace	8.90	3.30	Sri Lanka	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8342	NA	6.10	2.30	Sri Lanka	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-8925	landrace	8.40	3.10	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9174	landrace	8.20	3.40	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11565	landrace	8.40	3.10	Nepal	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8723	NA	NA	NA	Malaysia	NA	NA	Indica III	T	DEL	T	G	A	A	N
IRIS_313-8924	NA	8.00	3.10	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
GP610	landrace	6.66	3.15	South Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11039	cultivar	7.20	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10787	NA	NA	NA	Indonesia	NA	NA	Indica III	H	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-12074	landrace	6.90	2.90	Myanmar	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-12072	landrace	8.40	2.70	Myanmar	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11543	NA	8.70	3.10	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10082	landrace	8.00	3.00	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
GP613	landrace	10.14	2.19	US	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	A
C157	NA	8.92	2.67	Hunan	113	28.11	Indica I	T	CT	T	G	A	A	N
IRIS_313-11750	cultivar	8.60	2.90	China	NA	NA	Indica Intermediate	T	DEL	G	G	A	A	AAGCTGAGCTG
IRIS_313-11751	NA	9.60	2.70	China	NA	NA	Indica Intermediate	T	C	T	G	G	A	AAGCTGAGCTG
IRIS_313-8192	cultivar	NA	NA	United States	NA	NA	Tropical Japonica	T	CT	T	G	A	ATT	A
B150	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	T	G	A	A	AAGCTGAGCTG
W265	landrace	8.60	2.99	United States	-77.02	38.54	Indica Intermediate	N	CT	G	A	A	A	N
W136	landrace	8.41	2.57	Argentina	-54.84	-34.62	VI/Aromatic	A	CT	T	A	A	ATT	A
IRIS_313-12000	NA	7.80	2.70	Cambodia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12346	landrace	10.70	3.80	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
W294	cultivar	8.44	2.40	United States	-77.02	38.54	Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-9547	NA	8.90	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8193	cultivar	NA	NA	United States	NA	NA	Tropical Japonica	T	CT	T	G	A	ATT	A
IRIS_313-12347	landrace	8.40	4.00	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-11077	landrace	10.90	3.90	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-12313	landrace	8.70	3.90	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11076	NA	8.80	3.60	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8454	NA	8.10	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-7720	NA	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11919	NA	8.60	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10976	landrace	8.40	3.20	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	N
W277	landrace	8.72	3.31	Bangladesh	90.24	23.51	Aus	T	CT	G	G	G	ATT	N
IRIS_313-11217	landrace	7.90	3.10	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-12055	NA	6.10	2.80	Bangladesh	NA	NA	Aus	T	CT	G	A	A	A	A
IRIS_313-10735	landrace	8.50	2.70	Nepal	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11170	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	G	ATT	A
IRIS_313-11046	landrace	8.00	3.00	Malaysia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11487	landrace	9.10	3.20	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11828	NA	8.50	3.40	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10010	landrace	8.00	3.10	Fiji	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG

IRIS_313-8789	NA	8.30	3.00	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-12222	NA	8.50	3.00	Laos	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
B241	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-10999	landrace	9.50	3.00	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11577	NA	9.80	3.00	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
HP143	NA	8.36	3.02	China	119.17	31.14	Indica I	N	CT	G	G	A	ATT	N
IRIS_313-11365	landrace	8.80	3.30	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10993	landrace	9.00	4.10	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
HP527	cultivar	10.34	2.50	China	109.83	19.05	Indica Intermediate	N	CT	N	G	A	A	N
C016	landrace	7.63	3.48	Heilongjiang	126.41	45.45	Temperate Japonica	N	CT	G	A	G	ATT	N
B070	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
B103	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	H
HP466	landrace	7.60	3.57	China	118.44	29.88	Temperate Japonica	N	CT	G	A	G	ATT	N
HP564	landrace	8.38	3.41	China	114.17	30.35	Temperate Japonica	N	CT	G	A	G	ATT	N
HP467	NA	8.47	3.10	China	117.17	31.52	Indica I	N	CT	G	A	G	A	N
HP113	landrace	7.35	3.57	China	105.61	27.16	Temperate Japonica	N	CT	G	A	G	ATT	N
W202	cultivar	10.01	2.72	Zhejiang	120.09	30.14	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
C071	landrace	7.73	3.90	Shanghai	120.5	30.4	Temperate Japonica	N	CT	G	A	G	ATT	A
HP294	landrace	7.96	2.90	China	102.15	27.4	Intermediate	N	CT	G	A	G	ATT	N
HP402	landrace	8.01	3.50	China	112.59	28.12	Temperate Japonica	N	CT	G	A	G	ATT	A
B246	NA	NA	NA	China	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-12236	landrace	8.00	2.70	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
W321	NA	7.86	3.31	Yunnan	102.41	25.04	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12002	NA	7.70	2.80	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8568	NA	8.20	3.00	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10690	landrace	NA	NA	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	H
IRIS_313-8955	landrace	8.20	3.60	Malaysia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	N
IRIS_313-8349	NA	8.80	3.10	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11629	NA	8.60	2.60	Nepal	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
W257	landrace	9.75	3.43	Unknown	NA	NA	Tropical Japonica	N	CT	T	G	A	A	N
IRIS_313-7722	landrace	NA	NA	Madagascar	NA	NA	Intermediate	A	CT	G	G	A	A	A
IRIS_313-11337	landrace	7.80	3.80	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11417	landrace	9.60	2.50	India	NA	NA	Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9129	landrace	9.10	3.00	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9791	landrace	NA	NA	Malawi	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
GP616	landrace	9.51	2.32	US	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
W295	cultivar	9.75	2.70	United States	-77.02	38.54	Indica II	T	CT	T	A	A	ATT	N
GP115	NA	9.40	2.32	US	NA	NA	Indica Intermediate	N	CT	N	G	A	A	N
HP213	NA	8.03	2.83	China	117.53	25	Indica Intermediate	N	CT	G	G	A	A	N
C183	NA	9.38	2.95	Anhui	117.18	37.51	Indica I	N	CT	G	A	A	ATT	N
B259	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
HP82	landrace	7.64	3.44	China	106.93	33	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-8911	landrace	NA	NA	Thailand	NA	NA	Intermediate	T	CT	G	G	A	DEL	AAGCTGAGCTG
IRIS_313-8894	landrace	9.50	2.50	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-12047	landrace	7.10	2.70	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG

CX77	NA	NA	NA	United States	NA	NA	Tropical Japonica	T	CT	T	G	A	ATT	A
W225	cultivar	9.56	2.82	Philippines	121	14.6	Tropical Japonica	N	CT	T	G	A	ATT	A
IRIS_313-10788	landrace	8.50	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10789	landrace	9.60	3.10	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
HP204	landrace	8.16	3.28	China	117.97	28.47	Indica I	N	CT	G	A	A	A	N
HP78	landrace	7.78	3.53	China	116.36	30.84	Temperate Japonica	N	CT	G	A	G	ATT	N
C138	NA	8.63	3.55	Yunnan	102.41	25.04	Temperate Japonica	N	CT	G	A	A	ATT	N
B109	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP561	landrace	8.79	3.00	China	114.5	26.33	Indica I	N	CT	G	A	G	A	N
B148	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
W322	cultivar	8.60	2.68	Yunnan	102.41	25.04	Indica Intermediate	N	N	G	G	G	A	N
HP111	landrace	7.52	3.29	China	103.67	22.68	Temperate Japonica	N	CT	G	A	G	ATT	N
HP436	landrace	8.07	3.54	China	102.76	27.07	Temperate Japonica	N	CT	G	A	G	ATT	N
HP314	landrace	7.39	3.25	China	107.58	26.49	Temperate Japonica	N	CT	G	A	G	ATT	N
HP555	NA	9.08	3.10	China	116	26.46	Indica Intermediate	N	CT	G	A	G	A	N
IRIS_313-9661	landrace	7.90	3.10	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	A
IRIS_313-10645	landrace	9.50	3.70	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8468	NA	7.90	2.30	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10660	landrace	9.40	4.10	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
GP529	landrace	9.05	3.45	Laos	NA	NA	Japonica Intermediate	A	CT	N	A	A	ATT	N
IRIS_313-11818	NA	8.00	3.00	Myanmar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12200	landrace	9.20	3.90	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-9114	NA	NA	NA	Thailand	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8785	NA	10.40	2.80	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-9020	NA	9.40	2.60	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8895	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	A
IRIS_313-9123	landrace	8.50	3.00	Thailand	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11709	NA	9.40	2.60	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9209	NA	8.50	2.50	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11710	NA	9.80	2.70	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11389	NA	10.20	2.90	Thailand	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-9406	NA	9.30	2.50	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9286	NA	9.60	2.40	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-9115	NA	9.70	2.90	Thailand	NA	NA	Indica III	T	DEL	T	G	A	A	A
IRIS_313-9119	NA	9.30	2.80	Thailand	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-9116	NA	10.00	3.00	Thailand	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-9112	landrace	9.80	2.70	Thailand	NA	NA	Indica III	A	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11838	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
C004	landrace	7.83	3.22	China	116.28	39.54	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11985	NA	7.80	3.10	China	NA	NA	Indica Intermediate	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-11986	cultivar	7.30	3.40	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C028	landrace	7.23	3.52	Liaoning	123.24	41.5	Temperate Japonica	A	CT	G	A	G	ATT	N
B122	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP77	landrace	7.24	3.40	China	123.17	41.28	Temperate Japonica	N	CT	G	N	G	ATT	N
GP514	landrace	8.73	3.27	Philippine	NA	NA	Tropical Japonica	N	N	T	A	A	ATT	N

IRIS_313-12059	landrace	6.60	3.10	China	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
IRIS_313-11234	landrace	10.40	2.90	Philippines	NA	NA	Indica Intermediate	A	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-12060	landrace	7.00	3.10	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX282	landrace	NA	NA	China	NA	NA	Temperate Japonica	H	CT	G	A	G	ATT	H
HP255	NA	9.02	2.79	China	112.39	29.37	Indica I	N	N	G	A	A	ATT	N
IRIS_313-11993	NA	10.70	2.80	Myanmar	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12048	NA	7.10	2.40	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9558	landrace	9.70	3.50	Malaysia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
B154	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C116	landrace	7.12	3.48	Liaoning	123.24	41.5	Temperate Japonica	A	CT	G	A	G	ATT	N
IRIS_313-11381	NA	8.40	3.00	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10452	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
B171	landrace	NA	NA	Italy	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP595	landrace	9.25	3.16	Japan	NA	NA	Japonica Intermediate	N	CT	T	G	G	ATT	N
W203	NA	8.78	2.87	Unknown	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
IRIS_313-11544	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
CX54	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11236	NA	9.20	2.70	None	NA	NA	Indica III	T	CT	T	G	A	A	A
HP154	landrace	7.63	3.49	China	106.09	25.17	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-10558	landrace	7.40	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11949	NA	8.20	2.90	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11868	NA	8.30	2.80	China	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11881	NA	8.70	3.20	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10239	NA	8.80	3.00	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
C058	cultivar	7.87	3.10	Guangxi; China	108.2	22.48	Indica I	N	N	G	A	A	A	N
B112	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C066	NA	7.55	3.22	Sichuan	104.05	30.39	Indica I	N	CT	G	A	G	ATT	N
HP453	NA	8.18	3.34	China	109.21	27.73	Indica I	N	CT	G	A	A	A	N
B163	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP440	NA	8.61	3.04	China	116	26.46	Indica Intermediate	N	CT	G	A	A	A	N
B213	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
C128	NA	8.92	3.03	Hubei	114	30	Indica I	N	CT	G	A	A	ATT	N
HP338	NA	8.20	2.83	China	112.59	28.12	Indica I	N	CT	T	A	A	A	N
HP218	NA	NA	NA	China	110.53	22.87	Indica Intermediate	N	CT	G	A	A	ATT	N
C087	landrace	8.33	3.88	Sichuan	104.05	30.39	Temperate Japonica	A	CT	G	A	G	ATT	A
B117	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP9	landrace	8.99	3.62	China	109.83	19.05	Japonica Intermediate	N	CT	T	A	A	ATT	N
IRIS_313-11338	NA	9.10	3.80	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11894	landrace	9.00	3.30	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11478	NA	9.20	3.20	India	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11452	landrace	9.80	3.10	India	NA	NA	Aus	T	CT	G	G	A	ATT	N
IRIS_313-9742	landrace	10.70	3.20	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10790	landrace	9.50	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8033	landrace	NA	NA	Italy	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8883	landrace	9.80	4.10	Malaysia	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A

IRIS_313-11666	NA	9.20	3.00	China	NA	NA	Indica I	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-9006	NA	10.00	3.50	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10659	NA	10.70	3.50	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
B204	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C032	landrace	8.13	3.72	Hebei	114.28	38.02	Temperate Japonica	A	CT	G	A	G	ATT	A
HP131	landrace	8.77	3.49	China	117.7	41.32	Temperate Japonica	N	CT	G	A	G	ATT	N
HP275	landrace	7.52	3.28	China	109.21	27.73	Temperate Japonica	N	CT	G	A	G	ATT	N
HP456	NA	8.18	3.38	China	113.14	23.08	Indica I	N	DEL	T	A	A	ATT	N
IRIS_313-8049	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	G	ATT	A
IRIS_313-11017	NA	8.60	3.40	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-8039	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	N	G	G	A	ATT	A
IRIS_313-12348	landrace	9.20	4.20	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-12297	NA	8.70	3.10	Laos	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8889	NA	8.60	2.80	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10453	landrace	7.00	3.30	China	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
IRIS_313-9342	NA	9.20	2.60	Vietnam	NA	NA	Indica III	T	DEL	T	G	A	ATT	AAGCTGAGCTG
W110	landrace	8.48	3.13	Vietnam	105.85	21.03	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10751	landrace	7.80	3.10	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10556	NA	8.50	3.00	Vietnam	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10748	landrace	8.60	2.60	Vietnam	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10555	NA	8.90	2.70	Vietnam	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10906	NA	8.60	2.50	Cambodia	NA	NA	Indica III	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-11578	landrace	8.10	3.70	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP268	landrace	8.32	3.01	China	104.91	25.1	Indica I	N	N	G	A	G	A	N
IRIS_313-10513	NA	NA	NA	None	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10842	NA	7.20	2.90	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
C033	NA	7.42	3.37	Fujian	119.18	26.05	Indica I	N	CT	G	A	A	A	N
B208	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10982	NA	7.80	3.50	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP632	landrace	7.32	3.15	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
B121	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
GP504	landrace	7.56	3.18	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	N
GP505	landrace	7.83	3.17	Japan	NA	NA	Tropical Japonica	N	CT	G	A	A	ATT	N
GP497	landrace	6.52	2.97	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11667	NA	8.90	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11728	NA	10.10	2.80	China	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
HP605	landrace	10.04	3.48	China	101.88	22.58	Japonica Intermediate	N	CT	T	A	A	ATT	N
HP244	NA	9.54	2.67	China	114.17	30.35	Indica I	N	CT	G	G	A	A	N
W130	landrace	9.28	3.62	Portugal	-9.05	38.42	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8208	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	T	G	A	ATT	A
HP21	landrace	7.75	3.64	China	125.19	43.54	Temperate Japonica	N	CT	N	A	G	ATT	N
IRIS_313-8195	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	G	G	A	ATT	A
CX304	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
HP98	landrace	7.44	3.26	China	104.41	31.64	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11133	NA	8.20	3.80	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG

CX303	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
C014	cultivar	8.48	3.45	India	77.2	28.6	Japonica Intermediate	N	CT	G	G	A	A	A
CX89	NA	NA	NA	United States	NA	NA	Indica II	T	CT	T	A	A	DEL	AAGCTGAGCTG
CX211	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W158	cultivar	8.22	2.91	China	116.4	39.9	Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
CX78	landrace	NA	NA	United States	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	A
W226	landrace	8.87	3.30	Philippines	121	14.6	Temperate Japonica	N	CT	G	G	A	ATT	A
IRIS_313-8502	landrace	8.30	3.30	United States	NA	NA	Temperate Japonica	H	CT	G	G	G	ATT	A
IRIS_313-11171	landrace	7.50	3.20	India	NA	NA	Aus	T	CT	G	A	G	ATT	A
IRIS_313-8444	landrace	8.90	3.20	United States	NA	NA	Japonica Intermediate	A	CT	G	G	A	ATT	A
IRIS_313-11752	cultivar	8.40	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8665	landrace	8.30	3.20	United States	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	A
W282	landrace	8.20	2.71	China	116.4	39.9	Indica Intermediate	T	CT	G	G	A	A	N
IRIS_313-11682	NA	9.90	3.40	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11653	landrace	7.00	3.20	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11869	NA	7.70	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11898	NA	9.20	3.80	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9243	NA	8.20	2.90	Philippines	NA	NA	Indica III	T	CT	G	G	G	A	N
IRIS_313-10511	landrace	9.20	2.60	Philippines	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11467	landrace	10.10	2.90	Philippines	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
GP535	landrace	8.30	3.33	Philippine	NA	NA	Tropical Japonica	A	CT	N	A	A	ATT	A
GP519	landrace	8.75	3.66	Laos	NA	NA	Japonica Intermediate	A	CT	N	A	A	ATT	N
GP109	landrace	8.79	2.70	Madagascar	NA	NA	Indica Intermediate	N	CT	G	G	A	ATT	N
CX155	landrace	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10732	landrace	8.40	2.50	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-7725	landrace	NA	NA	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11018	NA	7.70	3.30	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-12049	NA	7.70	3.30	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11609	NA	8.10	2.80	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9062	NA	8.70	3.70	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9575	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10097	landrace	7.10	3.50	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10510	NA	7.60	2.60	Philippines	NA	NA	Indica III	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-12275	landrace	9.30	2.80	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
HP534	landrace	8.85	3.06	China	103.94	30.99	Indica I	N	CT	G	A	G	A	N
HP569	NA	7.98	3.13	China	107.16	25.01	Indica I	N	CT	G	A	G	A	N
HP397	landrace	8.24	3.17	China	111.2	28.38	Indica I	N	CT	G	A	A	A	N
HP327	landrace	8.67	2.97	China	113.19	23.4	Indica Intermediate	N	CT	G	A	A	A	N
HP172	landrace	8.02	3.53	China	107.86	26	Temperate Japonica	N	CT	G	A	G	ATT	N
HP49	landrace	8.22	3.00	China	109.91	33.55	Temperate Japonica	N	CT	G	A	G	ATT	N
C177	landrace	8.45	3.30	Shanxi	108.54	34.16	Temperate Japonica	N	CT	G	A	G	ATT	A
B102	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP525	landrace	7.72	3.23	Thailand	NA	NA	Japonica Intermediate	N	CT	T	A	A	ATT	N
IRIS_313-11899	landrace	9.90	3.20	Thailand	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
HP162	landrace	7.64	3.63	China	106.42	26.35	Temperate Japonica	N	CT	G	A	G	ATT	N

HP585	landrace	8.51	3.09	China	109.21	27.73	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11000	landrace	8.00	3.20	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11094	landrace	11.10	4.10	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11095	NA	NA	NA	Laos	NA	NA	Indica III	H	CT	G	A	A	A	H
IRIS_313-10653	landrace	9.20	3.80	Laos	NA	NA	Tropical Japonica	A	DEL	T	A	A	ATT	A
IRIS_313-12349	landrace	8.80	4.00	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-12350	landrace	9.10	3.80	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-10680	NA	8.00	3.90	Laos	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-10678	NA	10.20	2.40	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-12280	NA	8.60	2.60	Madagascar	NA	NA	Indica III	T	N	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9709	NA	9.50	2.30	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8595	landrace	10.30	2.90	Madagascar	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11367	NA	8.80	2.60	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP473	NA	8.78	2.97	China	114.17	30.35	Indica I	N	CT	G	A	A	A	N
HP461	NA	8.92	2.71	China	115.42	31.81	Indica I	N	CT	G	G	G	A	N
HP296	NA	9.06	3.01	China	116.62	27.56	Indica Intermediate	N	CT	G	G	A	ATT	N
HP158	landrace	8.38	3.46	China	114.17	30.35	Temperate Japonica	N	CT	G	A	G	ATT	N
HP567	cultivar	8.42	3.21	China	114.17	30.35	Indica I	N	DEL	G	A	A	A	N
HP262	NA	8.74	2.96	China	104.7	31.8	Indica I	N	CT	G	A	A	A	N
HP475	landrace	NA	NA	China	115.3	30.24	Indica I	N	CT	G	A	G	A	N
HP324	NA	9.25	2.96	China	116.94	31.04	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-9258	NA	8.40	3.20	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11782	NA	10.10	2.90	Zambia	NA	NA	Indica III	T	N	T	G	G	ATT	AAGCTGAGCTG
IRIS_313-11736	landrace	7.70	3.30	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-12272	landrace	7.80	3.20	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
B010	NA	NA	NA	Malaysia	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
GP42	cultivar	7.25	3.11	Malaysia	NA	NA	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-10831	landrace	7.30	2.60	Philippines	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-10832	landrace	10.00	3.70	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11602	landrace	7.80	2.40	India	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-11945	landrace	7.10	2.90	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11940	NA	8.50	2.80	Burkina Faso	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10729	landrace	NA	NA	Ivory Coast	NA	NA	Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11783	landrace	9.20	2.90	Gambia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
C104	landrace	7.87	3.17	Sichuan	104.05	30.39	Indica I	N	N	G	A	G	A	N
C108	landrace	8.13	3.60	Sichuan	104.05	30.39	Indica I	N	CT	G	A	G	A	N
B260	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP510	landrace	8.87	3.16	China	104.13	30.82	Indica I	N	CT	G	A	G	A	N
IRIS_313-10742	landrace	8.50	2.90	Indonesia	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
GP57	NA	8.49	2.46	Madagascar	NA	NA	Intermediate	N	CT	G	A	A	A	N
IRIS_313-11100	landrace	9.00	2.90	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11977	NA	7.60	2.70	Madagascar	NA	NA	Indica III	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-9732	landrace	9.10	2.70	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-7728	landrace	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11882	NA	8.60	3.40	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG

IRIS_313-11615	NA	7.20	2.90	Guinea	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
CX32	landrace	NA	NA	Myanmar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W178	NA	7.94	2.61	Philippines	121	14.6	Indica III	T	CT	G	G	A	A	N
HP469	landrace	8.90	2.92	China	116.53	30.62	Indica I	N	N	G	A	G	A	N
IRIS_313-8519	landrace	8.00	2.80	Bhutan	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
W037	landrace	9.46	3.06	Madagascar	48	-19	Indica Intermediate	T	CT	G	G	A	ATT	N
IRIS_313-10946	landrace	8.50	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10791	landrace	8.80	2.60	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
GP521	landrace	8.03	3.42	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	N
IRIS_313-10099	landrace	8.40	2.70	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-12139	NA	6.40	1.90	Nepal	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11134	NA	9.00	2.90	Myanmar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9102	NA	9.70	2.90	Malaysia	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11658	landrace	8.90	3.40	Sierra Leone	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11803	landrace	7.80	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP550	NA	8.28	3.09	China	108.72	27.21	Indica I	N	N	G	A	A	A	N
HP67	landrace	7.85	3.56	China	102.21	26.67	Temperate Japonica	N	N	G	A	G	ATT	N
HP109	landrace	8.61	3.84	China	104.91	25.1	Temperate Japonica	N	CT	G	A	G	ATT	A
HP277	landrace	8.66	3.01	China	107.51	26.7	Indica I	N	CT	G	A	G	ATT	N
HP489	landrace	8.48	3.12	China	110.84	26.44	Indica I	N	DEL	G	A	G	A	N
IRIS_313-8391	landrace	8.30	2.70	Burkina Faso	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12066	NA	7.30	2.40	Philippines	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11428	landrace	10.60	3.10	Brazil	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	N
CX280	landrace	NA	NA	Brazil	NA	NA	Tropical Japonica	H	CT	T	G	A	ATT	A
IRIS_313-10907	NA	NA	NA	Cambodia	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-8090	landrace	NA	NA	Spain	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11663	NA	8.90	3.20	Zimbabwe	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11532	landrace	8.90	3.70	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
GP614	landrace	8.17	2.61	US	NA	NA	Japonica Intermediate	N	CT	G	G	A	ATT	N
IRIS_313-11396	landrace	10.40	3.00	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11418	NA	10.70	2.70	India	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX399	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10609	NA	8.20	3.20	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10977	landrace	7.90	3.50	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10792	NA	8.50	3.20	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11135	NA	9.40	3.20	Myanmar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12082	landrace	9.70	2.00	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
HP592	landrace	8.53	3.02	China	104.91	25.1	Indica I	N	CT	G	A	A	A	N
C197	landrace	8.17	3.15	Guizhou	106.42	26.35	Indica I	N	CT	G	A	G	A	N
HP499	NA	10.01	3.10	China	111.79	24.97	Indica Intermediate	N	DEL	N	A	A	A	N
HP190	NA	9.53	2.97	China	119.05	29.61	Indica I	N	CT	G	A	A	A	N
HP403	landrace	7.84	3.32	China	106.98	26.46	Temperate Japonica	N	CT	G	A	G	ATT	N
HP494	NA	8.56	3.08	China	113.91	25.08	Indica Intermediate	N	CT	G	A	A	A	N
W001	landrace	6.89	3.63	Indonesia	106.45	-6.08	Indica I	N	DEL	G	A	G	A	N
IRIS_313-11320	NA	9.20	2.60	Indonesia	NA	NA	Indica III	T	DEL	T	G	A	ATT	AAGCTGAGCTG

IRIS_313-12268	landrace	8.50	2.80	Myanmar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9363	landrace	9.60	2.70	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
HP388	landrace	8.61	3.14	China	115.79	25.58	Temperate Japonica	N	CT	G	G	G	ATT	N
HP487	landrace	8.60	3.12	China	110.18	28.02	Indica I	N	CT	G	A	G	A	N
HP580	landrace	8.93	3.07	China	105.62	25.94	Indica I	N	N	G	A	G	A	N
HP207	NA	8.90	3.23	China	118.02	27.76	Indica Intermediate	N	CT	G	G	G	A	N
HP203	NA	8.28	3.00	China	116.75	25.72	Indica I	N	CT	G	A	A	A	N
IRIS_313-11784	NA	9.70	2.40	Sierra Leone	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-8067	landrace	NA	NA	Italy	NA	NA	Intermediate	H	CT	T	G	A	ATT	N
IRIS_313-12352	landrace	8.90	3.70	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-10168	NA	8.90	3.60	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11729	cultivar	7.90	3.00	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
B261	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
C091	NA	8.82	3.02	Sichuan	104.05	30.39	Indica I	N	CT	G	A	A	ATT	N
C092	NA	8.72	3.00	Yunnan	102.41	25.04	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-8170	landrace	NA	NA	France	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-9935	landrace	8.00	2.50	Guyana	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8493	NA	7.50	2.60	Indonesia	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8214	landrace	NA	NA	Greece	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-9989	NA	9.30	3.10	Ivory Coast	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10793	landrace	7.80	3.60	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11760	NA	9.00	2.60	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-12278	NA	NA	NA	Madagascar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10794	landrace	8.60	3.00	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
CX319	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
W204	landrace	7.89	3.02	Unknown	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
GP578	landrace	9.58	3.45	Philippine	NA	NA	Tropical Japonica	N	CT	T	A	A	ATT	N
HP153	landrace	NA	NA	China	110.2	20.02	Japonica Intermediate	N	CT	G	A	A	ATT	N
C124	cultivar	8.58	3.23	Hainan	110.3	20.2	Indica Intermediate	T	CT	T	A	A	ATT	N
B229	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
C094	NA	7.38	3.10	Hainan	110.3	20.2	Indica Intermediate	N	N	G	G	G	A	N
B227	NA	NA	NA	China	NA	NA	Indica Intermediate	T	N	G	G	G	A	AAGCTGAGCTG
IRIS_313-8368	landrace	9.10	2.70	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
GP516	landrace	8.79	3.44	Philippine	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	N
IRIS_313-8215	cultivar	NA	NA	France	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8121	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11809	landrace	10.50	2.50	Kenya	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11950	NA	7.70	3.30	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
HP511	landrace	7.94	3.47	China	104.13	30.82	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11951	landrace	8.80	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8050	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
HP256	landrace	8.46	3.35	China	113.98	33.15	Temperate Japonica	N	N	G	A	G	ATT	N
IRIS_313-11339	landrace	7.60	3.50	Philippines	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
CX59	landrace	NA	NA	Philippines	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
GP651	landrace	6.61	2.99	North Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N

GP635	cultivar	7.38	2.85	North Korea	NA	NA	Intermediate	N	CT	G	A	G	ATT	N
CX29	landrace	NA	NA	North Korea	NA	NA	Intermediate	A	CT	T	A	A	ATT	A
W176	NA	8.31	2.86	Korea	127.03	37.35	Indica II	T	CT	G	G	A	A	N
GP634	cultivar	7.08	3.57	North Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	A	N
GP677	landrace	6.53	3.09	North Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
C011	cultivar	9.28	2.82	Taiwan	121.31	25.03	Indica II	N	CT	G	G	A	A	N
IRIS_313-9925	cultivar	7.20	3.00	Korea	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10040	cultivar	NA	NA	Korea	NA	NA	Indica II	T	CT	G	A	A	A	N
IRIS_313-10191	cultivar	8.00	2.30	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10170	cultivar	8.00	3.00	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11340	landrace	9.10	3.50	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
GP536	landrace	8.89	3.17	Philippine	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	N
IRIS_313-8594	landrace	8.60	3.60	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
B076	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
C194	NA	8.37	3.20	Fujian	119.18	26.05	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-11341	landrace	8.60	3.20	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
C147	cultivar	10.33	2.95	Unknown	NA	NA	Indica II	N	CT	T	G	A	A	N
CX145	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	N
IRIS_313-10749	NA	8.30	2.60	Vietnam	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP581	landrace	8.70	3.66	Bulgaria	NA	NA	Temperate Japonica	N	CT	T	A	G	ATT	A
W067	landrace	10.19	2.99	Indonesia	106.45	-6.08	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-7959	landrace	NA	NA	Madagascar	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11429	landrace	8.20	3.50	Brazil	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
GP134	cultivar	NA	NA	North Korea	NA	NA	Indica II	N	CT	G	N	A	A	N
IRIS_313-10795	landrace	8.30	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-9825	NA	NA	NA	Peru	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9862	landrace	9.30	3.50	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11545	NA	10.10	2.90	Myanmar	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
W278	landrace	8.67	3.06	Bangladesh	90.24	23.51	Aus	T	CT	G	G	G	ATT	N
IRIS_313-12353	landrace	9.00	3.80	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
CX394	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP141	landrace	8.20	2.41	Nepal	NA	NA	Intermediate	N	CT	T	G	G	A	N
IRIS_313-10111	landrace	9.00	2.90	Italy	NA	NA	Japonica Intermediate	A	N	T	G	A	ATT	A
IRIS_313-10796	landrace	9.20	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	N
CX129	landrace	NA	NA	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
B238	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
C053	cultivar	10.50	3.02	Guangxi	108.2	22.48	Indica Intermediate	N	CT	T	G	A	A	N
IRIS_313-12129	landrace	7.00	3.40	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10723	landrace	8.10	2.80	Senegal	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
CX306	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11435	landrace	9.50	3.00	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX265	NA	NA	NA	United States	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11566	NA	8.60	2.90	Nepal	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
C009	NA	7.83	3.20	United States	-77.02	38.54	Indica Intermediate	T	CT	G	A	A	A	N
IRIS_313-8768	landrace	9.30	3.20	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A

IRIS_313-10908	NA	8.60	2.70	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10489	landrace	7.30	3.60	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11785	NA	9.50	2.80	Tanzania	NA	NA	Indica III	T	CT	T	G	A	A	N
IRIS_313-11811	NA	9.10	2.90	Kenya	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11815	NA	9.80	3.00	Kenya	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11401	landrace	NA	NA	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-10733	landrace	9.60	3.00	Nepal	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11028	landrace	8.90	2.80	Pakistan	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11941	NA	9.10	2.40	Burkina Faso	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10724	NA	8.80	3.00	Senegal	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10048	NA	10.60	3.40	Benin	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
C142	NA	7.72	3.35	Yunnan	102.41	25.04	Indica III	T	CT	G	A	A	A	N
C107	NA	7.78	3.47	Yunnan	102.41	25.04	Indica III	N	CT	G	A	A	A	N
B095	NA	NA	NA	China	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
CX68	cultivar	NA	NA	Malaysia	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11433	cultivar	8.20	2.90	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
CX69	NA	NA	NA	Malaysia	NA	NA	Indica Intermediate	H	CT	T	G	A	DEL	H
CX30	cultivar	NA	NA	Malaysia	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
W177	cultivar	8.33	2.86	Malaysia	101.7	3.2	Indica II	T	CT	G	G	A	A	N
CX317	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	A	A	AAGCTGAGCTG
CX316	cultivar	NA	NA	China	NA	NA	Intermediate	A	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11588	landrace	7.80	2.40	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
CX70	NA	NA	NA	Malaysia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
W221	NA	8.97	2.67	Philippines	121	14.6	Indica Intermediate	N	CT	T	G	A	A	N
CX156	cultivar	NA	NA	Malaysia	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP108	cultivar	9.15	2.17	Philippine	NA	NA	Indica II	N	CT	T	G	A	A	N
GP605	landrace	6.20	3.18	South Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-12299	landrace	10.90	4.10	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11839	NA	9.60	2.90	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	N
IRIS_313-11916	NA	8.50	3.40	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
GP539	NA	9.06	3.20	India	NA	NA	Indica Intermediate	N	N	N	A	A	ATT	N
IRIS_313-8123	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C079	landrace	7.37	3.57	Hunan	113	28.11	Temperate Japonica	A	CT	G	A	G	ATT	A
C133	landrace	7.53	3.68	Shanxi	108.54	34.16	Temperate Japonica	N	CT	G	A	G	ATT	A
B086	landrace	NA	NA	China	NA	NA	Intermediate	A	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-8930	NA	7.90	3.00	Bangladesh	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-9557	NA	5.90	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11829	landrace	7.30	3.30	Pakistan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12038	NA	7.30	3.10	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9769	landrace	6.90	3.20	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-11889	NA	9.80	3.00	Pakistan	NA	NA	Indica Intermediate	T	N	T	G	A	A	AAGCTGAGCTG
IRIS_313-10716	NA	8.10	3.00	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11029	landrace	9.10	2.40	Pakistan	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-9072	landrace	8.20	2.80	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11030	landrace	NA	NA	Pakistan	NA	NA	VI/Aromatic	A	CT	T	A	A	ATT	AAGCTGAGCTG

IRIS_313-11419	landrace	6.10	3.10	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9039	landrace	5.70	3.00	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
HP150	landrace	6.87	3.48	China	118.16	26.65	Temperate Japonica	N	CT	G	A	G	ATT	N
B071	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C067	landrace	7.92	3.85	Jiangsu	118.5	32.02	Temperate Japonica	N	CT	G	A	G	ATT	A
HP468	landrace	7.88	3.27	China	116.36	30.84	Temperate Japonica	N	CT	G	A	G	ATT	A
IRIS_313-11786	NA	10.60	2.70	Gambia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W048	NA	7.64	3.24	Nepal	85.3	27.7	Aus	T	CT	G	A	A	ATT	N
CX368	NA	NA	NA	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
C013	NA	7.92	3.02	Philippines	121	14.6	Aus	T	CT	G	G	A	A	N
GP38	NA	7.22	2.49	India	NA	NA	Aus	N	CT	G	G	A	A	N
IRIS_313-10150	NA	NA	NA	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8638	NA	10.40	3.50	Laos	NA	NA	Indica III	T	N	T	A	A	A	AAGCTGAGCTG
B038	landrace	NA	NA	Egypt	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8927	landrace	8.60	3.10	China	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-8407	landrace	8.60	2.90	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10440	landrace	7.20	3.40	Philippines	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11390	NA	10.40	3.70	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11534	NA	8.30	3.10	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	H
IRIS_313-10650	landrace	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11739	landrace	9.20	3.00	Ghana	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11441	landrace	9.50	3.70	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-9809	NA	NA	NA	Sri Lanka	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W039	landrace	8.97	3.24	Thailand	100.5	13.8	Indica I	T	CT	G	A	G	A	A
IRIS_313-11924	landrace	10.10	3.30	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-10176	landrace	9.00	2.90	Thailand	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-8485	NA	10.30	2.70	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
CX49	cultivar	NA	NA	China	NA	NA	Temperate Japonica	T	CT	G	A	G	ATT	N
W196	cultivar	7.78	3.62	Unknown	NA	NA	Intermediate	H	CT	T	G	A	ATT	N
IRIS_313-11158	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10561	NA	8.60	3.30	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11870	NA	8.30	2.80	China	NA	NA	Indica I	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9727	NA	8.70	3.30	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP428	NA	9.44	2.70	China	114.17	30.35	Indica I	N	CT	G	A	G	A	N
IRIS_313-10947	NA	8.30	3.20	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	A
W094	landrace	8.77	3.54	Vietnam	105.85	21.03	Aus	T	CT	G	A	G	ATT	N
IRIS_313-10970	NA	7.60	2.70	Vietnam	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
B268	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	N
C141	landrace	8.33	3.23	Yunnan	102.41	25.04	Indica I	T	CT	G	A	G	ATT	AAGCTGAGCTG
C088	landrace	7.42	3.62	Jiangsu	118.5	32.02	Indica I	N	CT	G	A	G	ATT	N
CX397	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10730	landrace	9.30	3.60	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
HP991	NA	NA	NA	China	NA	NA	Indica I	N	CT	G	A	A	A	N
C151	cultivar	9.20	3.07	Jiangsu	118.5	32.02	Indica I	N	CT	G	G	A	A	N
C165	cultivar	7.98	3.15	Jiangsu	118.5	32.02	Indica I	N	CT	G	A	A	A	N

B059	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
B037	landrace	NA	NA	Argentina	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
C072	NA	8.20	3.28	Jiangxi	115.52	28.41	Indica I	N	CT	G	A	A	A	N
HP505	NA	8.36	2.91	China	102.42	25.04	Indica I	N	CT	G	A	A	A	N
B062	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP613	NA	8.10	3.05	China	110.1	19.36	Indica Intermediate	N	CT	G	A	A	A	N
HP246	NA	9.27	2.83	China	114.04	29.54	Indica Intermediate	N	CT	G	G	A	A	N
W062	landrace	8.72	3.14	Taiwan	121.38	25.02	Tropical Japonica	A	CT	T	A	A	ATT	A
HP336	NA	NA	NA	China	112.16	29.41	Indica I	N	CT	G	A	A	A	N
C162	NA	8.83	3.13	Guangdong	113.15	23.08	Indica Intermediate	N	CT	G	G	A	ATT	N
B210	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11446	NA	8.30	3.20	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11213	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-10797	NA	9.80	2.70	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12354	landrace	9.50	3.30	Laos	NA	NA	Indica Intermediate	A	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12355	cultivar	10.60	2.80	Laos	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11163	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
GP617	landrace	7.70	2.71	US	NA	NA	Japonica Intermediate	N	CT	G	G	A	ATT	N
IRIS_313-10520	NA	7.60	3.10	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11031	landrace	NA	NA	Pakistan	NA	NA	Aus	H	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-9696	landrace	7.10	2.50	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	G	A	A	N
W025	landrace	7.94	2.88	Pakistan	73.08	33.4	Aus	T	CT	G	G	G	ATT	N
IRIS_313-11445	NA	8.20	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	N
IRIS_313-9605	NA	7.90	3.00	India	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9492	NA	8.40	3.10	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11636	landrace	8.30	3.30	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11638	landrace	9.10	2.80	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11639	cultivar	8.00	2.90	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11640	NA	8.30	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11641	NA	6.80	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11642	NA	8.10	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11643	landrace	9.70	2.50	India	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11644	NA	8.20	3.20	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11645	NA	8.80	3.00	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11646	NA	9.70	2.80	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11647	NA	7.70	3.10	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11648	NA	7.00	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9516	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	A
IRIS_313-11650	NA	8.80	2.60	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9400	landrace	8.20	2.60	India	NA	NA	Indica Intermediate	A	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-12039	NA	10.20	2.50	Cambodia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10909	NA	7.50	2.50	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12096	NA	6.60	2.30	Cambodia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12040	NA	7.60	2.70	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10910	NA	7.70	2.50	Cambodia	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG

IRIS_313-12097	NA	7.00	2.70	Cambodia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11936	NA	8.80	2.40	Cambodia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10911	NA	11.10	3.30	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10912	NA	8.60	2.90	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	N
W316	cultivar	10.77	2.52	Islamic Republic of Irar	51.3	35.45	Indica II	T	CT	T	G	A	A	N
IRIS_313-8713	NA	7.60	2.40	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10755	NA	9.60	2.80	Vietnam	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11119	landrace	NA	NA	Vietnam	NA	NA	Indica III	T	CT	T	G	A	A	N
IRIS_313-8690	landrace	7.90	3.70	Vietnam	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-8735	landrace	8.00	3.30	Vietnam	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
GP657	landrace	NA	NA	Vietnam	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
CX375	cultivar	NA	NA	Africa	NA	NA	Indica II	T	DEL	T	A	A	ATT	AAGCTGAGCTG
CX376	cultivar	NA	NA	Africa	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
CX377	cultivar	NA	NA	Africa	NA	NA	Indica II	T	DEL	T	A	A	ATT	AAGCTGAGCTG
CX371	landrace	NA	NA	Africa	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX372	landrace	NA	NA	Africa	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX373	landrace	NA	NA	Africa	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
CX374	landrace	NA	NA	Africa	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
W300	landrace	8.91	2.35	United States	-77.02	38.54	Tropical Japonica	A	CT	T	G	A	ATT	A
GP615	landrace	9.34	2.14	US	NA	NA	Intermediate	N	N	N	G	A	ATT	N
IRIS_313-9648	landrace	NA	NA	United States	NA	NA	Intermediate	H	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8536	landrace	8.30	2.70	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11546	NA	8.70	3.10	Myanmar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12291	NA	8.70	2.90	Myanmar	NA	NA	Indica III	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11136	landrace	7.60	3.60	Myanmar	NA	NA	Intermediate	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11137	landrace	8.40	3.30	Myanmar	NA	NA	Indica Intermediate	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-12300	NA	8.60	3.00	Laos	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10683	NA	8.40	3.50	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11138	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
B031	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-12301	landrace	8.70	3.60	Laos	NA	NA	Indica III	T	CT	G	G	G	A	N
IRIS_313-12288	NA	7.60	3.10	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12071	landrace	9.10	3.20	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
GP678	landrace	6.72	3.13	South Korea	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
C187	landrace	7.90	3.60	Guizhou	106.42	26.35	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8743	NA	8.10	3.40	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11391	NA	9.60	3.60	Thailand	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11248	landrace	10.60	2.90	Thailand	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11683	NA	8.80	2.00	Thailand	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-11840	landrace	10.20	2.80	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11841	NA	10.40	3.20	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-11842	NA	8.90	2.90	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8731	NA	8.10	3.10	India	NA	NA	Indica III	T	N	G	A	A	A	AAGCTGAGCTG
HP177	NA	9.00	2.81	China	119.7	27.57	Indica Intermediate	N	CT	G	A	A	A	N
C119	cultivar	7.88	3.48	Unknown	NA	NA	Temperate Japonica	N	CT	G	A	G	A	N

B142	landrace	NA	NA	China	NA	NA	Intermediate	A	CT	G	A	G	A	A
CX379	cultivar	NA	NA	Mali	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
C146	landrace	7.88	3.42	Japan	139.8	35.7	Temperate Japonica	N	CT	G	A	G	ATT	N
CX140	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP997	landrace	NA	NA	China	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11439	landrace	8.90	2.60	Cuba	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8757	NA	8.10	3.50	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP139	landrace	7.21	3.60	China	119.95	31.78	Temperate Japonica	N	CT	G	A	G	ATT	N
HP133	landrace	7.10	3.43	China	120.63	31.16	Temperate Japonica	N	CT	G	A	G	ATT	N
HP520	NA	7.45	3.14	China	118.18	25.07	Indica Intermediate	N	CT	G	A	A	ATT	N
W059	landrace	7.58	3.51	Japan	139.8	35.7	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11974	landrace	7.50	2.70	Liberia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10798	landrace	6.90	3.50	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11973	landrace	6.80	3.10	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10656	landrace	10.40	3.90	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-8733	landrace	7.00	3.10	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11078	cultivar	10.20	3.30	Laos	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX273	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7736	landrace	8.30	3.20	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
B174	landrace	NA	NA	None	NA	NA	Indica Intermediate	A	CT	G	G	A	A	N
B177	landrace	NA	NA	None	NA	NA	Aus	T	CT	G	G	G	A	N
B178	landrace	NA	NA	None	NA	NA	Temperate Japonica	N	CT	T	A	G	ATT	A
B186	cultivar	NA	NA	None	NA	NA	Indica Intermediate	N	CT	T	A	A	ATT	AAGCTGAGCTG
B231	landrace	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
B256	landrace	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
B257	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
B267	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX1	landrace	NA	NA	None	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
CX163	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	DEL	G	A	G	A	A
CX164	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX166	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX167	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	G	ATT	AAGCTGAGCTG
CX168	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX169	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX170	NA	NA	NA	None	NA	NA	Indica I	T	N	G	G	A	A	AAGCTGAGCTG
CX172	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX173	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	DEL	G	A	G	A	AAGCTGAGCTG
CX174	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	T	A	A	ATT	A
CX175	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	AAGCTGAGCTG
CX176	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	N
CX177	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX178	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	DEL	T	G	A	ATT	AAGCTGAGCTG
CX179	landrace	NA	NA	None	NA	NA	Temperate Japonica	H	CT	G	A	G	ATT	AAGCTGAGCTG
CX180	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX181	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A

CX183	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
CX184	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX185	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX186	NA	NA	NA	None	NA	NA	Indica III	T	DEL	G	A	A	ATT	AAGCTGAGCTG
CX187	landrace	NA	NA	None	NA	NA	Temperate Japonica	H	CT	G	A	G	A	AAGCTGAGCTG
CX188	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	A	AAGCTGAGCTG
CX189	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX190	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX191	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
CX192	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX193	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX194	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX195	cultivar	NA	NA	None	NA	NA	Intermediate	A	CT	T	A	G	A	A
CX196	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
CX197	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX198	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX199	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX200	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
CX201	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	AAGCTGAGCTG
CX202	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX203	NA	NA	NA	None	NA	NA	Indica I	T	CT	T	G	A	A	AAGCTGAGCTG
CX204	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX215	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX216	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
CX222	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX223	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX224	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX253	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	AAGCTGAGCTG
CX254	NA	NA	NA	None	NA	NA	Indica I	T	CT	T	A	A	A	AAGCTGAGCTG
CX255	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
CX256	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX257	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
CX258	NA	NA	NA	None	NA	NA	Indica I	T	CT	T	G	A	A	AAGCTGAGCTG
CX259	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	AAGCTGAGCTG
CX260	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	A	A
CX261	cultivar	NA	NA	None	NA	NA	Intermediate	A	CT	G	A	G	A	AAGCTGAGCTG
CX279	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX283	cultivar	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX289	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	A
CX292	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX293	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX294	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX295	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	A
CX297	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	G	G	ATT	AAGCTGAGCTG
CX298	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	G	ATT	AAGCTGAGCTG

CX299	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
CX300	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
CX301	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	ATT	AAGCTGAGCTG
CX302	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX309	cultivar	NA	NA	None	NA	NA	Intermediate	A	CT	T	A	G	A	AAGCTGAGCTG
CX310	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX311	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX312	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX320	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX321	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX322	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX324	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
CX325	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
CX326	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
CX331	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	A	AAGCTGAGCTG
CX332	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX333	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	T	G	G	ATT	A
CX334	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX335	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX336	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	DEL	AAGCTGAGCTG
CX337	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX338	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX339	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
CX408	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX409	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX410	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX411	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX413	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX414	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX416	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX417	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX418	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX419	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX420	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX421	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX422	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX423	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX424	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX425	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX426	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	DEL	AAGCTGAGCTG
CX427	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX428	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX429	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX430	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX432	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG

CX433	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX434	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX435	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
CX436	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
CX437	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
CX438	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX439	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
CX440	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	G	A	G	ATT	AAGCTGAGCTG
CX441	cultivar	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX442	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	G	A	AAGCTGAGCTG
CX443	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
CX444	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
CX445	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
CX446	NA	NA	NA	None	NA	NA	Indica I	T	N	G	A	A	A	AAGCTGAGCTG
CX447	NA	NA	NA	None	NA	NA	Indica I	T	CT	T	A	A	A	AAGCTGAGCTG
CX448	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
CX449	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX450	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
CX452	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX453	cultivar	NA	NA	None	NA	NA	Intermediate	A	CT	G	A	G	ATT	A
CX454	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX455	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX456	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
CX457	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
CX458	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
CX459	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
CX460	cultivar	NA	NA	None	NA	NA	Indica I	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX461	NA	NA	NA	None	NA	NA	Indica Intermediate	H	CT	T	A	A	A	H
CX462	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	A
CX463	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX464	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	AAGCTGAGCTG
CX465	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX466	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	G	A	AAGCTGAGCTG
CX467	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX468	NA	NA	NA	None	NA	NA	Indica I	T	CT	T	G	A	A	AAGCTGAGCTG
CX469	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
CX470	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	N	G	A	AAGCTGAGCTG
CX471	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
CX472	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX473	NA	NA	NA	None	NA	NA	Indica Intermediate	T	DEL	T	A	A	A	AAGCTGAGCTG
CX474	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX475	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	ATT	AAGCTGAGCTG
CX476	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	N	T	G	A	A	AAGCTGAGCTG
CX477	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX478	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG

CX479	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX480	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX481	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX482	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX483	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX484	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
CX485	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	N
CX486	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX487	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	G	ATT	AAGCTGAGCTG
CX488	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	G	ATT	AAGCTGAGCTG
CX489	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	G	A	AAGCTGAGCTG
CX490	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX491	NA	NA	NA	None	NA	NA	Indica I	T	CT	T	G	A	A	AAGCTGAGCTG
CX492	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX493	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX494	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX495	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX496	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX497	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX498	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX499	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX500	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX501	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX502	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX503	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX504	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
CX505	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX506	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX507	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX508	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX509	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX510	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX511	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX512	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX513	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX514	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX515	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX516	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX517	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	A	A
CX518	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX519	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	N	G	ATT	A
CX520	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	A	A
CX521	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX522	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX523	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A

CX524	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
CX525	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX526	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX527	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	DEL	G	G	G	ATT	A
CX528	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX529	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	N	G	ATT	A
CX530	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX531	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX532	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX533	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
CX535	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX536	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX537	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX538	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	A	N
CX539	NA	NA	NA	None	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
CX540	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
CX541	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX543	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX544	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX545	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX546	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX547	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
CX549	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
CX550	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
CX551	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX552	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX553	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX554	cultivar	NA	NA	None	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
CX555	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
CX556	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	A	AAGCTGAGCTG
CX557	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	A	AAGCTGAGCTG
CX558	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	A	A
CX559	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
CX560	cultivar	NA	NA	None	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
CX561	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
CX568	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	A	G	A	AAGCTGAGCTG
CX578	landrace	NA	NA	None	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	AAGCTGAGCTG
CX579	landrace	NA	NA	None	NA	NA	Japonica Intermediate	A	CT	G	G	G	ATT	N
GP99	cultivar	8.03	2.12	IRRI	NA	NA	Indica II	N	DEL	G	G	A	ATT	N
IRIS_313-10449	landrace	8.20	3.40	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10459	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10516	landrace	8.60	3.10	United States	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10628	landrace	8.90	2.60	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10752	landrace	9.60	2.60	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10844	NA	7.70	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG

IRIS_313-11101	NA	8.60	3.00	Liberia	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-11102	landrace	8.60	3.50	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11103	landrace	9.80	3.60	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11104	landrace	9.30	3.40	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11105	landrace	9.20	3.40	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11106	landrace	9.40	3.50	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	N
IRIS_313-11108	landrace	NA	NA	Liberia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11109	landrace	9.00	3.90	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11151	NA	8.70	3.00	Myanmar	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11156	landrace	8.80	2.30	India	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-11160	landrace	9.90	2.80	Liberia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11375	landrace	7.80	2.40	India	NA	NA	VI/Aromatic	H	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11376	landrace	9.10	3.50	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11394	landrace	9.60	2.90	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11395	NA	8.20	2.40	Indonesia	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11536	landrace	9.60	3.30	Georgia	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11585	cultivar	7.20	3.40	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11669	landrace	8.30	3.10	China	NA	NA	Indica I	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-12024	cultivar	9.50	2.60	None	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12067	cultivar	8.30	2.30	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	G	ATT	AAGCTGAGCTG
IRIS_313-12081	NA	6.70	2.60	Philippines	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-12131	NA	7.40	2.40	Laos	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12302	NA	9.30	4.10	Laos	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12303	NA	9.40	3.40	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12321	landrace	8.40	3.50	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-9468	landrace	8.00	3.70	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP996	landrace	NA	NA	China	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
CX212	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
IRIS_313-9995	landrace	8.20	3.00	South Korea	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
GP548	landrace	7.25	3.15	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP549	landrace	7.52	3.16	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP554	landrace	6.51	2.99	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP550	landrace	6.87	3.07	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP552	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP546	landrace	6.75	3.18	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP648	landrace	7.36	3.09	Japan	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
GP656	landrace	7.31	3.04	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP555	landrace	7.16	3.04	Japan	NA	NA	Temperate Japonica	N	CT	G	N	G	ATT	A
GP571	landrace	9.42	2.61	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP592	landrace	7.26	3.01	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP630	landrace	6.98	3.09	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP631	cultivar	9.10	2.26	Japan	NA	NA	Indica II	N	CT	G	A	A	A	N
GP547	landrace	7.50	3.76	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP551	landrace	7.20	3.31	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP553	NA	7.65	2.42	Japan	NA	NA	Indica Intermediate	N	DEL	G	G	A	N	N

CX285	landrace	NA	NA	China	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-12224	NA	9.30	3.40	Laos	NA	NA	Indica III	T	DEL	G	A	A	A	AAGCTGAGCTG
W016	landrace	7.25	3.55	Japan	139.8	35.7	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10437	landrace	7.60	3.30	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8755	landrace	7.40	3.50	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8864	landrace	8.30	3.70	Bangladesh	NA	NA	Aus	T	CT	G	A	G	A	AAGCTGAGCTG
GP584	cultivar	NA	NA	US	NA	NA	Temperate Japonica	N	CT	G	G	A	ATT	N
IRIS_313-12041	NA	7.70	2.60	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP685	landrace	10.23	3.36	Italy	NA	NA	Japonica Intermediate	N	CT	T	G	A	ATT	N
CX385	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
CX386	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-11762	NA	9.00	2.10	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10032	landrace	8.70	2.40	Madagascar	NA	NA	VI/Aromatic	A	CT	T	A	A	ATT	A
IRIS_313-11761	landrace	10.20	2.80	Ivory Coast	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10030	landrace	9.80	3.30	Madagascar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
CX235	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
W309	cultivar	10.16	2.64	Philippines	121	14.6	Indica II	T	CT	T	G	A	ATT	N
IRIS_313-11558	NA	9.70	3.00	Bangladesh	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
HP601	NA	8.57	2.64	China	111.83	33.05	Indica I	N	CT	G	G	G	ATT	N
HP575	landrace	7.98	3.06	China	117.77	26.41	Indica I	N	DEL	G	A	G	A	N
HP167	NA	7.91	3.46	China	106.42	26.35	Indica I	N	CT	T	A	A	A	N
HP59	landrace	9.15	3.40	China	121.3	25.03	Japonica Intermediate	N	CT	T	A	A	ATT	N
IRIS_313-11139	NA	NA	NA	Myanmar	NA	NA	Indica III	T	DEL	G	G	A	A	AAGCTGAGCTG
IRIS_313-9570	NA	9.50	3.00	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12262	landrace	10.40	3.30	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-12340	landrace	10.50	3.70	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	N
IRIS_313-12182	NA	9.00	2.60	Nepal	NA	NA	Indica III	T	N	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-12341	landrace	12.40	3.90	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11684	NA	8.60	2.20	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-9759	landrace	7.80	3.70	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10568	landrace	7.40	3.50	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX80	cultivar	NA	NA	Vietnam	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
W227	cultivar	10.29	2.68	Viet Nam	105.85	21.03	Indica Intermediate	N	CT	T	G	A	ATT	AAGCTGAGCTG
W228	cultivar	10.38	2.73	Viet Nam	105.85	21.03	Indica II	T	DEL	T	G	A	ATT	AAGCTGAGCTG
CX37	cultivar	NA	NA	Vietnam	NA	NA	Indica II	T	CT	T	A	A	ATT	AAGCTGAGCTG
W183	cultivar	9.24	2.62	VietNam	105.85	21.03	Indica II	T	N	T	A	A	ATT	N
W313	cultivar	9.93	2.56	Viet Nam	105.85	21.03	Indica II	T	N	T	G	A	ATT	N
IRIS_313-8572	landrace	9.10	3.10	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
W041	landrace	9.81	3.05	Zaire	15.18	-4.18	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8200	landrace	NA	NA	Italy	NA	NA	Temperate Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11242	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8068	landrace	NA	NA	Italy	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8523	landrace	9.70	3.30	Nigeria	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8124	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
IRIS_313-10728	landrace	7.90	3.20	Senegal	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG

IRIS_313-11223	landrace	NA	NA	Bangladesh	NA	NA	VI/Aromatic	H	CT	G	A	G	ATT	H
IRIS_313-12118	landrace	6.00	2.00	Madagascar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10073	landrace	8.30	3.40	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11512	NA	10.50	2.90	Philippines	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10581	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-12031	landrace	9.10	4.00	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10458	landrace	7.80	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
B180	cultivar	NA	NA	Colombia	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	AAGCTGAGCTG
CX119	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
W271	cultivar	8.82	2.97	Unknown	NA	NA	Indica Intermediate	N	CT	T	A	A	A	N
IRIS_313-11765	landrace	6.50	2.50	Liberia	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
W103	landrace	8.05	3.24	India	77.2	28.6	Aus	T	CT	G	G	A	ATT	N
IRIS_313-11764	NA	7.50	3.00	Liberia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9402	NA	8.90	3.00	Sierra Leone	NA	NA	Indica III	T	CT	G	G	A	A	H
IRIS_313-9687	landrace	8.00	3.20	Sierra Leone	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10682	NA	8.60	3.70	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12305	NA	8.10	3.50	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12225	NA	8.50	3.30	Laos	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-11975	NA	NA	NA	Sierra Leone	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11976	landrace	7.60	2.70	Sierra Leone	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12161	NA	6.30	1.60	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11554	NA	8.40	2.70	Sierra Leone	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11555	landrace	8.10	3.10	Sierra Leone	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12164	landrace	6.20	2.20	Cambodia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10476	NA	8.10	3.50	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11140	NA	7.80	3.20	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
GP46	NA	7.92	2.61	India	NA	NA	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-10953	landrace	8.60	2.90	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10703	landrace	9.20	3.10	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11497	NA	9.30	3.60	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10943	NA	7.70	2.90	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11328	landrace	8.00	3.80	Malaysia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10704	landrace	9.60	3.10	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10954	NA	8.40	3.20	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12006	landrace	8.60	2.80	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11498	landrace	9.50	3.70	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11312	landrace	7.70	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11329	landrace	9.80	3.10	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
B026	landrace	NA	NA	Indonesia	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
GP534	landrace	8.82	3.59	Malaysia	NA	NA	Tropical Japonica	N	CT	T	A	A	ATT	A
IRIS_313-12285	landrace	9.00	2.30	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W024	landrace	8.53	2.86	Malaysia	101.7	3.2	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10705	landrace	NA	NA	Malaysia	NA	NA	Intermediate	H	CT	N	A	A	DEL	H
IRIS_313-10687	landrace	9.70	2.90	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10955	landrace	5.90	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG

IRIS_313-11313	landrace	8.20	3.80	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8865	landrace	8.00	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
CX141	NA	NA	NA	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11904	NA	8.20	2.60	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W102	landrace	9.43	3.48	Malaysia	101.7	3.2	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10688	landrace	8.20	2.70	Malaysia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11499	landrace	8.40	3.10	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11819	NA	9.50	2.40	Myanmar	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
CX263	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11003	landrace	9.20	3.10	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10799	landrace	8.60	3.80	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11004	landrace	9.00	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11001	landrace	9.90	3.00	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8880	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11535	NA	NA	NA	Thailand	NA	NA	Indica III	H	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10934	NA	8.80	3.30	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8474	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	N
IRIS_313-9415	NA	8.00	2.60	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9065	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8645	landrace	8.10	3.00	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
W284	landrace	7.87	2.46	Malaysia	101.7	3.2	Tropical Japonica	A	CT	G	G	A	ATT	N
IRIS_313-11207	NA	8.70	3.10	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11189	landrace	9.80	3.60	Russia	NA	NA	Intermediate	A	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-11820	NA	10.10	2.70	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10931	landrace	8.20	3.70	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11032	landrace	9.60	2.40	Pakistan	NA	NA	Intermediate	T	DEL	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9285	NA	8.00	3.30	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10800	landrace	10.10	2.70	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX100	NA	NA	NA	Nepal	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W244	cultivar	9.94	2.97	Philippines	121	14.6	Indica II	N	CT	T	G	A	A	AAGCTGAGCTG
GP567	landrace	8.38	3.54	IRRI	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-9451	NA	NA	NA	Thailand	NA	NA	Indica Intermediate	T	CT	T	A	A	A	N
IRIS_313-9568	landrace	8.60	3.70	Malaysia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11843	NA	7.60	2.40	Thailand	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
W126	landrace	8.21	2.96	China	116.4	39.9	Indica I	N	CT	G	A	A	A	N
GP531	landrace	8.54	3.63	Bengal	NA	NA	Aus	N	CT	G	A	G	ATT	N
IRIS_313-11603	landrace	8.20	3.10	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12226	landrace	10.30	3.70	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10994	landrace	8.90	3.30	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
HP235	NA	9.77	2.69	China	117.82	30.93	Indica Intermediate	N	CT	G	G	A	A	N
IRIS_313-10978	landrace	9.10	2.90	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11368	NA	8.80	3.90	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11068	landrace	8.20	3.00	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-9083	landrace	8.00	2.50	India	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-10930	landrace	7.50	3.20	Bangladesh	NA	NA	Aus	T	CT	G	A	A	A	A

IRIS_313-9949	landrace	9.00	4.00	Sri Lanka	NA	NA	Tropical Japonica	T	CT	G	A	A	ATT	A
GP566	landrace	9.08	3.45	Argentina	NA	NA	Temperate Japonica	N	CT	T	A	G	ATT	N
HP193	NA	8.61	2.52	China	119.91	30.01	Indica I	N	CT	T	G	A	A	N
HP479	landrace	8.51	3.09	China	111.3	30.7	Indica I	N	CT	G	A	G	A	N
IRIS_313-8873	landrace	7.30	3.10	China	NA	NA	Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-9351	landrace	8.80	3.30	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12108	landrace	6.80	1.50	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10580	landrace	8.50	2.80	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10578	landrace	9.00	3.60	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10801	landrace	8.90	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11971	landrace	10.90	3.10	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10948	landrace	NA	NA	Indonesia	NA	NA	Tropical Japonica	H	CT	T	A	A	DEL	AAGCTGAGCTG
IRIS_313-11208	NA	10.20	2.60	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10506	NA	NA	NA	Thailand	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-8920	NA	8.10	2.30	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP7	landrace	9.52	2.99	Ivory Coast	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
W276	NA	8.17	3.12	Sri Lanka	79.52	6.55	Indica III	T	CT	G	A	A	ATT	N
IRIS_313-11540	landrace	9.30	3.30	Guinea	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8932	landrace	8.00	2.80	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8632	NA	8.10	2.60	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9049	NA	11.20	2.70	Bangladesh	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11224	NA	10.10	2.60	Bangladesh	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W034	landrace	8.92	2.79	Myanmar	96.15	16.8	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11738	NA	8.40	3.20	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11508	NA	9.40	2.90	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
GP518	landrace	9.08	3.60	Philippine	NA	NA	Tropical Japonica	N	CT	G	A	A	ATT	N
IRIS_313-11905	NA	8.30	2.60	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W033	NA	7.79	3.18	Sri Lanka	79.52	6.55	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10295	landrace	9.50	2.30	Pakistan	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-11099	NA	9.00	3.30	Sierra Leone	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
B140	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11931	landrace	7.90	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
C051	cultivar	9.03	3.15	Unknown	NA	NA	Intermediate	A	CT	G	A	G	A	N
IRIS_313-11314	landrace	9.60	3.00	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8076	landrace	NA	NA	Australia	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-11315	landrace	9.00	2.80	Indonesia	NA	NA	Indica III	T	DEL	G	G	A	A	AAGCTGAGCTG
W205	landrace	7.87	3.05	Unknown	NA	NA	Indica I	T	CT	G	A	G	A	N
CX55	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
W013	landrace	7.13	3.85	Portugal	-9.05	38.42	Temperate Japonica	A	N	G	A	G	ATT	N
IRIS_313-10717	landrace	8.90	3.60	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12135	cultivar	6.70	1.80	Malaysia	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8647	landrace	8.20	3.00	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10835	landrace	8.30	3.00	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9623	NA	9.10	2.50	Brazil	NA	NA	Indica II	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10757	landrace	10.20	2.50	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG

IRIS_313-10802	landrace	7.80	3.70	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11080	landrace	9.20	3.40	Laos	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
W241	NA	8.85	3.05	India	77.2	28.6	Indica II	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-11079	NA	NA	NA	Laos	NA	NA	Indica III	T	DEL	T	A	A	A	AAGCTGAGCTG
IRIS_313-10913	NA	8.30	2.70	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12042	NA	7.90	2.90	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10915	NA	8.50	2.50	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11897	landrace	8.90	3.20	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10651	landrace	9.90	3.40	Laos	NA	NA	Indica III	T	CT	G	A	G	A	AAGCTGAGCTG
W049	landrace	8.22	2.09	Bhutan	89.7	27.5	Aus	T	CT	G	G	G	ATT	N
IRIS_313-10158	NA	10.20	2.80	Ecuador	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8032	landrace	NA	NA	Italy	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	H
IRIS_313-8436	landrace	8.70	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10484	NA	NA	NA	Philippines	NA	NA	Indica I	H	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10992	landrace	7.50	3.30	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10134	NA	NA	NA	Thailand	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-12244	landrace	8.10	2.80	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10710	landrace	8.00	3.40	Suriname	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-9017	landrace	8.50	3.00	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
GP560	landrace	7.11	3.02	North Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	A
HP211	landrace	8.50	2.97	China	119.5	27.47	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-10919	landrace	8.90	3.10	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10920	landrace	8.60	3.10	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11235	NA	11.40	2.90	Philippines	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11995	landrace	9.20	3.60	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11420	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	N
IRIS_313-11763	cultivar	8.70	2.80	Cameroon	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11654	landrace	7.30	3.40	China	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10803	landrace	8.40	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11685	NA	8.90	3.00	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11900	landrace	10.80	4.10	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-8586	NA	9.30	3.50	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8125	landrace	NA	NA	Bulgaria	NA	NA	Temperate Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8126	landrace	NA	NA	Bulgaria	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8046	landrace	NA	NA	Italy	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
B195	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12009	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	DEL	AAGCTGAGCTG
HP614	landrace	8.97	3.21	China	109.57	19.52	Japonica Intermediate	N	CT	G	A	A	ATT	N
IRIS_313-11342	NA	NA	NA	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9636	landrace	NA	NA	Sri Lanka	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9831	NA	NA	NA	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8324	NA	8.90	3.40	Indonesia	NA	NA	Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11630	landrace	7.90	2.10	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
W236	cultivar	10.10	2.81	Philippines	121	14.6	Indica II	N	CT	T	G	A	A	N
IRIS_313-8244	NA	7.90	3.20	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG

IRIS_313-8127	landrace	NA	NA	Bulgaria	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11087	NA	10.40	2.60	Cambodia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11041	landrace	8.40	3.20	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11019	landrace	8.20	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-11982	NA	7.70	3.40	Bangladesh	NA	NA	Aus	T	CT	G	A	A	A	A
IRIS_313-11960	NA	9.40	2.50	Indonesia	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10726	landrace	9.20	2.50	Senegal	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11988	landrace	7.50	3.20	Sierra Leone	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12307	landrace	9.50	4.20	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
CX22	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11480	cultivar	9.50	2.80	India	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
W170	cultivar	9.63	2.87	Pakistan	73.08	33.4	Indica II	T	CT	T	G	A	A	N
W311	cultivar	9.34	2.72	Punjab	75.025	30.81	Indica II	T	CT	T	G	A	A	A
IRIS_313-11509	landrace	11.00	2.70	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10648	NA	10.20	2.80	Cambodia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
GP498	landrace	8.67	3.02	Japan	NA	NA	Japonica Intermediate	N	CT	G	A	G	ATT	N
IRIS_313-8128	landrace	NA	NA	Argentina	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8627	landrace	9.60	3.10	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W184	cultivar	9.20	2.65	Philippines	121	14.6	Indica II	T	CT	T	G	A	A	N
W185	cultivar	9.87	2.64	Philippines	121	14.6	Indica II	T	N	T	G	A	A	N
IRIS_313-12319	NA	9.10	2.60	Philippines	NA	NA	Indica II	T	DEL	T	G	A	ATT	A
IRIS_313-10234	NA	8.90	2.90	Philippines	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10235	cultivar	10.10	2.70	Philippines	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX357	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
CX358	cultivar	NA	NA	Philippines	NA	NA	Indica II	T	DEL	T	A	A	ATT	AAGCTGAGCTG
W308	cultivar	9.45	2.66	Philippines	121	14.6	Indica II	N	N	T	G	A	ATT	N
IRIS_313-10237	NA	8.20	2.80	Philippines	NA	NA	Indica II	T	N	G	G	A	A	AAGCTGAGCTG
IRIS_313-10238	NA	8.90	2.60	Philippines	NA	NA	Indica II	T	DEL	G	G	A	A	AAGCTGAGCTG
CX48	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10523	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
CX157	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10804	NA	7.80	2.10	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11958	landrace	9.70	2.70	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11844	NA	8.70	3.00	Thailand	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8509	NA	7.80	2.10	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10805	landrace	8.30	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11005	landrace	9.00	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11006	landrace	8.00	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11810	NA	9.90	2.90	Kenya	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8725	landrace	7.80	2.50	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11007	landrace	8.30	3.50	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11848	NA	NA	NA	Malaysia	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11008	landrace	NA	NA	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11009	landrace	9.80	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-12068	landrace	9.20	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A

IRIS_313-12069	landrace	9.00	2.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11591	NA	8.60	3.00	Malaysia	NA	NA	Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-12240	landrace	9.10	2.60	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10480	landrace	8.80	3.40	Indonesia	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11010	NA	8.10	2.60	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11849	NA	10.10	3.00	Malaysia	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10937	landrace	7.80	3.40	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9375	landrace	10.30	3.20	Malaysia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8306	landrace	8.20	3.20	India	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-9271	landrace	8.20	2.80	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8381	landrace	8.40	3.90	Malaysia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11343	NA	10.40	3.00	Philippines	NA	NA	Indica III	T	CT	T	A	A	A	A
CX46	cultivar	NA	NA	India	NA	NA	Intermediate	A	CT	T	G	A	ATT	N
W191	cultivar	10.97	2.43	China	116.4	39.9	Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
C189	landrace	8.80	3.73	Tianjin	117.11	39.09	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9310	NA	7.20	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8921	landrace	NA	NA	India	NA	NA	Temperate Japonica	N	CT	N	G	A	ATT	N
IRIS_313-9969	landrace	8.70	3.10	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10956	landrace	8.10	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
CX87	cultivar	NA	NA	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W234	cultivar	8.37	3.02	Viet Nam	105.85	21.03	Indica Intermediate	N	CT	G	A	A	A	N
CX210	NA	NA	NA	China	NA	NA	Temperate Japonica	H	CT	T	A	G	ATT	A
CX138	cultivar	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	A	A
IRIS_313-11966	landrace	8.40	3.00	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11952	NA	8.20	2.90	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP14	landrace	8.39	3.58	China	104.41	31.64	Temperate Japonica	N	CT	G	A	G	ATT	N
HP29	landrace	9.30	3.52	China	118.75	34.54	Temperate Japonica	N	CT	G	A	A	ATT	N
HP132	landrace	NA	NA	China	121.24	31.4	Temperate Japonica	N	CT	G	A	G	ATT	N
HP478	NA	8.65	2.98	China	114.04	29.54	Indica I	N	CT	G	A	A	A	N
HP512	landrace	6.99	3.32	China	102.29	27.92	Temperate Japonica	N	CT	G	A	G	ATT	N
HP230	NA	7.93	2.54	China	109.2	22.69	Indica Intermediate	N	CT	G	G	A	A	N
HP222	NA	9.43	2.94	China	113.14	23.08	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-11730	cultivar	7.10	3.10	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11731	cultivar	9.70	2.60	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	H
IRIS_313-11732	cultivar	7.50	3.30	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
GP608	landrace	7.01	3.05	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
HP360	landrace	8.31	3.04	China	106.93	33	Indica I	N	CT	G	A	A	A	N
HP578	landrace	9.12	3.07	China	106.26	26.42	Indica I	N	DEL	G	G	G	A	N
B167	landrace	NA	NA	North Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
B164	NA	NA	NA	China	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
HP610	cultivar	8.09	2.84	China	110.02	18.48	Indica Intermediate	N	N	G	A	A	A	N
B183	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP393	NA	8.84	2.96	China	114.17	30.35	Indica I	N	CT	G	A	A	A	N
C025	cultivar	8.15	3.08	Guangdong	113.15	23.08	Indica Intermediate	N	CT	G	A	G	A	N
B153	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	H

IRIS_313-10582	landrace	9.40	3.80	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
C078	NA	8.47	3.55	Yunnan	102.41	25.04	Indica Intermediate	N	CT	G	A	G	A	A
B089	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
B093	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	A
C143	landrace	8.73	3.23	Yunnan	102.41	25.04	Indica I	N	CT	G	A	G	A	N
HP337	NA	NA	NA	China	111.09	29.41	Indica I	N	CT	G	A	A	A	N
B004	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W318	NA	8.43	2.87	Anhui	117.18	37.51	Indica I	T	CT	G	A	A	ATT	N
B072	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
GP650	landrace	7.29	3.09	Japan	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
B046	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP477	NA	8.43	3.07	China	114.28	29.87	Indica I	N	CT	G	A	A	A	N
HP347	NA	NA	NA	China	110.99	21.52	Indica Intermediate	N	CT	G	A	A	A	N
B082	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
C102	landrace	7.38	3.05	Guangxi	108.2	22.48	Indica Intermediate	N	CT	G	A	G	A	N
HP416	landrace	8.08	3.01	China	107.21	22.85	Indica Intermediate	N	CT	G	A	A	A	N
HP344	NA	9.57	2.50	China	110.72	19.61	Indica III	N	CT	N	G	G	A	N
IRIS_313-11686	NA	10.50	3.20	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
HP490	landrace	8.46	2.94	China	110.84	26.44	Indica I	N	N	G	A	G	A	N
IRIS_313-9898	NA	10.20	3.00	Portugal	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
W004	landrace	8.34	3.71	Philippines	121	14.6	Tropical Japonica	N	CT	G	A	A	ATT	A
IRIS_313-11804	cultivar	8.10	3.30	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
GP48	cultivar	8.52	2.73	Cuba	NA	NA	Indica II	N	DEL	T	A	A	A	N
GP690	landrace	9.55	3.17	Indonesia	NA	NA	Tropical Japonica	N	CT	G	A	A	ATT	N
CX313	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
B192	cultivar	NA	NA	Philippines	NA	NA	Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX13	NA	NA	NA	China	NA	NA	Intermediate	H	CT	G	G	G	A	AAGCTGAGCTG
W159	cultivar	8.45	2.88	China	116.4	39.9	Indica II	T	CT	G	G	G	ATT	N
IRIS_313-11232	landrace	9.00	3.60	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10922	landrace	9.90	3.90	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10620	landrace	10.40	2.70	Brazil	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11807	cultivar	9.60	2.50	Colombia	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP112	landrace	9.48	2.62	Gambian	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
W065	landrace	9.66	3.24	Senegal	-17.27	14.38	Tropical Japonica	A	CT	T	G	A	ATT	A
W017	landrace	9.46	3.47	Senegal	-17.27	14.38	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11808	cultivar	10.20	2.40	Colombia	NA	NA	Indica Intermediate	T	N	T	G	A	A	N
IRIS_313-9970	NA	7.50	3.10	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10649	landrace	8.90	3.30	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10806	NA	8.90	2.80	Indonesia	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8956	landrace	7.50	2.70	Indonesia	NA	NA	Indica III	T	DEL	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9273	landrace	8.10	2.70	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP522	landrace	9.11	2.71	Malaysia	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
IRIS_313-10701	NA	8.00	2.70	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10698	NA	8.50	2.80	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8316	landrace	8.60	3.10	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG

W055	landrace	8.50	3.40	Taiwan	121.38	25.02	Intermediate	T	CT	G	G	A	A	N
IRIS_313-11711	NA	9.30	2.40	Thailand	NA	NA	Indica III	T	N	T	A	A	A	AAGCTGAGCTG
IRIS_313-11672	landrace	6.70	3.10	Nepal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8614	landrace	7.30	2.80	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10926	landrace	7.80	3.10	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-12279	landrace	9.60	3.00	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11485	NA	8.30	2.70	Philippines	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11369	NA	9.90	2.50	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10807	NA	8.60	2.70	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10692	NA	8.80	2.80	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10957	landrace	9.00	2.80	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9832	landrace	NA	NA	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	A	N
IRIS_313-11172	NA	7.80	2.60	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11191	landrace	6.30	2.80	Sri Lanka	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11316	landrace	6.70	2.90	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10808	landrace	9.20	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
CX23	NA	NA	NA	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP1	landrace	6.91	2.40	Bengal	NA	NA	Intermediate	N	CT	G	A	A	ATT	N
GP2	landrace	7.32	2.52	Bengal	NA	NA	VI/Aromatic	N	CT	G	A	A	ATT	A
GP645	NA	NA	NA	Sri Lanka	NA	NA	Indica III	N	CT	G	A	A	ATT	N
IRIS_313-11243	cultivar	9.20	2.50	India	NA	NA	Indica Intermediate	T	DEL	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11567	landrace	8.60	2.50	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-11033	landrace	NA	NA	Pakistan	NA	NA	VI/Aromatic	H	CT	G	A	G	ATT	H
IRIS_313-10549	landrace	8.10	2.90	Pakistan	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-12013	landrace	9.00	3.10	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9108	landrace	NA	NA	Bangladesh	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11399	landrace	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9770	landrace	9.20	3.90	Italy	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-10151	NA	10.50	2.60	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10147	NA	11.00	2.60	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
GP85	cultivar	7.66	2.84	Thailand	NA	NA	Indica I	N	DEL	G	A	A	A	N
IRIS_313-10062	landrace	10.00	3.00	Greece	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
W042	NA	8.19	3.15	Pakistan	73.08	33.4	Indica Intermediate	T	CT	G	A	G	A	N
W014	landrace	9.09	2.90	Afghanistan	69	34.5	VI/Aromatic	A	CT	T	N	A	ATT	N
IRIS_313-8812	landrace	7.90	3.10	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8744	landrace	NA	NA	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10958	landrace	9.40	2.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	N
IRIS_313-10736	landrace	6.50	2.80	Nepal	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9767	landrace	9.40	2.70	United States	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8323	landrace	9.10	2.30	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8202	cultivar	NA	NA	United States	NA	NA	Tropical Japonica	T	CT	T	G	A	ATT	AAGCTGAGCTG
GP653	landrace	6.96	3.13	Japan	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	A
GP122	cultivar	8.54	2.55	Sri Lanka	NA	NA	Indica Intermediate	N	CT	T	A	A	A	N
GP563	landrace	9.67	3.25	Albania	NA	NA	Japonica Intermediate	N	CT	T	G	A	ATT	A
IRIS_313-8024	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG

HP340	NA	NA	NA	China	109.69	19.91	Indica I	N	DEL	G	A	A	A	N
IRIS_313-10074	landrace	7.80	3.10	Japan	NA	NA	Tropical Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-9523	landrace	7.60	3.60	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-8400	landrace	7.60	3.70	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-9789	landrace	7.80	3.30	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-9239	landrace	10.10	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10034	NA	10.70	2.70	Niger	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-10035	NA	9.30	3.30	Madagascar	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
GP587	cultivar	9.80	2.36	Japan	NA	NA	Indica II	N	DEL	N	G	A	A	N
IRIS_313-8023	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	A	G	ATT	AAGCTGAGCTG
IRIS_313-10552	landrace	9.00	3.30	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
GP128	cultivar	8.00	2.49	India	NA	NA	Indica Intermediate	N	CT	G	G	A	A	N
IRIS_313-9937	landrace	9.80	3.30	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	G	ATT	A
IRIS_313-8129	landrace	NA	NA	Bulgaria	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
B032	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
GP76	cultivar	7.80	2.22	Madagascar	NA	NA	Indica II	N	DEL	G	G	A	A	N
IRIS_313-9740	NA	8.90	2.90	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-7758	NA	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11772	landrace	9.20	2.90	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	A
GP568	landrace	8.37	3.77	Italy	NA	NA	Temperate Japonica	N	CT	G	A	A	ATT	A
IRIS_313-8048	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11668	NA	8.50	3.00	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP39	landrace	6.99	3.15	China	111.57	25.52	Temperate Japonica	N	CT	G	A	G	ATT	N
HP599	landrace	9.39	3.17	China	109.14	26.24	Japonica Intermediate	N	CT	T	A	A	ATT	N
IRIS_313-8704	landrace	NA	NA	India	NA	NA	Indica III	T	CT	T	G	A	ATT	A
GP661	landrace	8.68	3.21	Italy	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
IRIS_313-8216	landrace	NA	NA	Greece	NA	NA	Temperate Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11247	NA	9.30	3.00	India	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11245	cultivar	9.20	2.70	India	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	AAGCTGAGCTG
W051	cultivar	9.87	2.72	India	77.2	28.6	Indica II	T	N	T	G	A	A	AAGCTGAGCTG
IRIS_313-9566	cultivar	9.90	2.90	India	NA	NA	Indica II	T	N	T	G	A	A	AAGCTGAGCTG
B187	cultivar	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	N
IRIS_313-9604	cultivar	9.00	2.80	India	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8162	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9522	cultivar	9.50	2.40	India	NA	NA	Indica Intermediate	T	CT	T	A	A	A	A
CX542	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	A	A	DEL	AAGCTGAGCTG
IRIS_313-10412	NA	NA	NA	Indonesia	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
IRIS_313-9429	NA	7.00	3.20	Vietnam	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
HP52	landrace	8.54	3.13	China	109.27	35.6	Temperate Japonica	N	CT	G	A	N	ATT	N
HP263	landrace	8.42	2.69	China	105.46	28.96	Indica I	N	CT	G	A	A	A	N
IRIS_313-8132	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8053	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	G	ATT	A
IRIS_313-8031	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	N
CX103	NA	NA	NA	Peru	NA	NA	Indica Intermediate	T	DEL	T	G	A	A	AAGCTGAGCTG
W251	landrace	8.50	3.08	Philippines	121	14.6	Tropical Japonica	N	CT	T	G	G	ATT	A

IRIS_313-11178	NA	9.80	3.00	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP607	landrace	9.16	2.86	Japan	NA	NA	Temperate Japonica	N	CT	T	A	G	ATT	N
IRIS_313-12251	NA	7.80	2.70	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10318	cultivar	11.20	2.40	Guyana	NA	NA	Indica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10477	NA	8.40	3.00	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W246	landrace	8.89	2.81	Unknown	NA	NA	Indica Intermediate	N	CT	T	A	G	A	N
GP543	landrace	10.49	2.69	US	NA	NA	Tropical Japonica	N	DEL	N	G	A	ATT	N
IRIS_313-8204	landrace	NA	NA	United States	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8134	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	AAGCTGAGCTG
IRIS_313-8856	landrace	7.90	3.70	United States	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP537	landrace	7.95	3.41	Philippine	NA	NA	Tropical Japonica	A	CT	N	A	A	ATT	N
IRIS_313-11687	NA	9.50	2.60	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11392	NA	9.70	2.80	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12296	NA	8.10	2.60	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11789	landrace	10.20	2.80	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11162	cultivar	NA	NA	Indonesia	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11370	NA	9.00	3.50	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10642	landrace	7.60	3.40	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11173	landrace	9.70	2.70	India	NA	NA	Aus	T	CT	G	G	G	A	A
IRIS_313-9325	NA	9.10	2.70	Bangladesh	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
W280	landrace	8.38	3.31	Pakistan	73.08	33.4	Aus	N	CT	G	G	G	ATT	A
IRIS_313-11225	landrace	8.90	2.50	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
W263	landrace	8.35	2.96	Unknown	NA	NA	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-11226	NA	9.40	3.00	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8737	landrace	9.80	3.00	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11227	landrace	9.20	3.00	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11228	NA	NA	NA	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9582	landrace	9.50	2.70	Malaysia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
CX104	landrace	NA	NA	Iran	NA	NA	VI/Aromatic	A	CT	T	A	G	ATT	A
W252	landrace	9.30	2.49	Iran	51.3	35.45	VI/Aromatic	N	CT	T	A	G	ATT	A
IRIS_313-11161	landrace	9.20	3.40	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
C001	landrace	8.50	2.90	Philippines	121	14.6	Indica I	N	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10964	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	A	A	A	A
IRIS_313-8135	landrace	NA	NA	Bulgaria	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8136	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
W015	landrace	8.13	3.50	Afghanistan	69	34.5	Aus	T	CT	G	A	A	ATT	N
CX346	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
CX347	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8293	NA	8.70	2.80	Senegal	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8137	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	DEL	T	A	G	ATT	AAGCTGAGCTG
IRIS_313-7766	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11387	landrace	9.00	3.10	Thailand	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9470	landrace	7.90	2.90	Indonesia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	AAGCTGAGCTG
W254	landrace	9.77	3.11	Viet Nam	105.85	21.03	Tropical Japonica	N	CT	T	G	A	ATT	A
IRIS_313-11111	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG

IRIS_313-11436	landrace	9.40	3.20	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8217	landrace	NA	NA	Egypt	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8218	landrace	NA	NA	Egypt	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX106	landrace	NA	NA	Vietnam	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	H
IRIS_313-12207	landrace	8.40	3.20	Laos	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
HP603	landrace	8.60	2.92	China	107.86	26	Indica I	N	N	G	A	A	A	N
IRIS_313-12281	landrace	8.90	3.80	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
GP599	landrace	7.02	3.27	South Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-8138	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11462	NA	8.40	2.00	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
GP574	landrace	NA	NA	Philippine	NA	NA	Indica III	N	CT	G	A	A	A	N
IRIS_313-7769	landrace	NA	NA	Philippines	NA	NA	Indica III	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-8205	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-12308	NA	9.20	3.10	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10661	NA	8.80	3.40	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8065	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-7770	cultivar	NA	NA	Mali	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12043	NA	8.20	2.60	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11344	landrace	9.20	2.70	Philippines	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10809	landrace	8.20	3.50	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-12101	NA	6.20	2.10	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
B088	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11953	landrace	8.40	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8380	landrace	8.30	2.80	China	NA	NA	Indica I	T	CT	G	A	A	ATT	N
GP523	landrace	9.16	3.56	Solomon Islands	NA	NA	Temperate Japonica	N	CT	T	A	G	ATT	N
IRIS_313-10129	NA	8.20	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11871	NA	8.10	2.80	China	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
B264	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
C055	NA	7.90	3.15	Hunan	113	28.11	Indica I	N	CT	G	A	G	A	N
C186	landrace	9.47	4.07	Yunnan	102.41	25.04	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-8139	landrace	NA	NA	Portugal	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	N
IRIS_313-10075	landrace	8.50	3.50	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-15897	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	N
C038	NA	9.55	2.83	Hunan	113	28.11	Indica Intermediate	T	CT	G	G	A	A	N
HP280	landrace	NA	NA	China	114.17	30.35	Temperate Japonica	N	CT	G	A	G	ATT	A
C090	NA	10.37	3.55	Shanxi	108.54	34.16	Indica Intermediate	N	CT	T	A	G	A	N
HP389	landrace	7.40	3.35	China	115.79	25.58	Temperate Japonica	N	CT	G	A	G	ATT	N
HP284	landrace	9.39	3.32	China	106.93	33	Temperate Japonica	N	N	T	A	G	ATT	N
HP331	landrace	8.98	3.12	China	112.33	28.6	Temperate Japonica	N	CT	G	A	G	ATT	N
HP378	landrace	13.28	3.48	China	109.37	32.41	Japonica Intermediate	N	N	T	A	A	ATT	N
HP293	landrace	8.95	2.92	China	114.17	30.35	Intermediate	N	N	G	A	G	ATT	N
HP194	NA	9.37	2.64	China	120.1	30.16	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-10521	landrace	9.30	2.70	India	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
IRIS_313-12309	NA	10.40	3.50	Laos	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
HP465	NA	8.72	3.00	China	119.55	32.43	Indica I	N	CT	G	G	A	ATT	N

B002	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10014	landrace	9.10	3.70	Italy	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-11034	landrace	8.70	2.50	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
W097	landrace	7.51	3.63	Pakistan	73.08	33.4	Intermediate	T	CT	G	A	A	ATT	N
B044	NA	NA	NA	Japan	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
HP370	landrace	8.31	3.27	China	108.94	34.62	Temperate Japonica	N	CT	G	A	G	ATT	N
HP459	landrace	8.23	3.04	China	114.83	31.62	Indica I	N	CT	G	A	G	ATT	N
W075	landrace	8.00	3.05	India	77.2	28.6	Indica Intermediate	T	CT	G	G	A	A	N
IRIS_313-12044	NA	8.20	2.60	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8457	NA	NA	NA	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
CX392	cultivar	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12083	NA	8.20	2.30	Madagascar	NA	NA	Indica III	T	CT	G	G	A	ATT	N
IRIS_313-11371	landrace	8.80	3.30	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11568	NA	8.40	3.10	Nepal	NA	NA	Indica I	T	CT	G	A	A	A	N
GP86	landrace	9.14	2.22	US	NA	NA	Tropical Japonica	A	CT	N	G	A	ATT	A
IRIS_313-8279	landrace	9.70	3.80	Malaysia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11925	NA	9.80	2.50	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11393	NA	10.80	3.00	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11110	NA	NA	NA	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
IRIS_313-8745	landrace	9.40	3.20	Haiti	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX147	NA	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7773	NA	NA	NA	Mali	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP3	landrace	8.26	2.23	Brazil	NA	NA	Indica Intermediate	N	CT	G	A	A	A	N
W008	landrace	9.25	3.04	El Salvador	-89.19	13.7	Tropical Japonica	A	CT	T	G	A	ATT	N
IRIS_313-10810	NA	9.60	3.30	Indonesia	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
W010	landrace	8.50	3.38	Uruguay	-56.09	-34.53	Japonica Intermediate	A	CT	G	G	A	ATT	A
IRIS_313-11460	landrace	8.00	3.20	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8141	landrace	NA	NA	Australia	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
B021	NA	NA	NA	Australia	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12241	landrace	8.30	2.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-10811	NA	8.70	3.40	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10562	landrace	8.90	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10084	landrace	8.40	3.50	Spain	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-7635	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10743	landrace	7.50	2.90	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-9699	landrace	8.50	3.40	Malaysia	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10428	NA	7.40	3.00	Malaysia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
W253	landrace	10.04	3.08	Malaysia	101.7	3.2	Tropical Japonica	N	CT	T	G	A	ATT	N
IRIS_313-10693	landrace	8.90	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8557	NA	8.50	2.80	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W111	landrace	9.09	2.90	Jamaica	-76.48	17.58	Indica III	T	CT	T	G	G	A	N
IRIS_313-8987	cultivar	9.90	2.60	Malaysia	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10812	NA	8.20	2.80	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11850	NA	7.80	2.40	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	A
GP562	landrace	8.53	2.74	Albania	NA	NA	Intermediate	N	CT	T	A	A	ATT	N

IRIS_313-12227	landrace	8.30	3.90	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-11632	landrace	7.10	2.30	Nepal	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-8142	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12183	landrace	7.40	3.60	Nepal	NA	NA	Aus	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10563	landrace	9.50	3.40	None	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C006	cultivar	8.10	2.47	China	116.28	39.54	Indica Intermediate	T	CT	G	A	A	ATT	N
C007	cultivar	8.35	2.47	India	77.2	28.6	Indica Intermediate	N	CT	G	G	A	ATT	N
IRIS_313-11579	NA	6.70	3.50	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12050	landrace	9.40	3.20	Myanmar	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8140	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
HP120	landrace	7.71	3.28	China	109.5	18.25	Indica I	N	CT	G	A	A	A	N
HP146	landrace	7.70	3.50	China	104.04	30.4	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11691	landrace	7.90	2.90	Bhutan	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
B245	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
C085	landrace	8.40	3.98	Sichuan	104.05	30.39	Japonica Intermediate	N	CT	T	A	A	ATT	A
IRIS_313-8814	landrace	7.10	3.00	Bhutan	NA	NA	VI/Aromatic	A	CT	G	A	G	ATT	A
HP242	NA	9.04	3.01	China	109.44	19.23	Indica Intermediate	N	CT	G	A	A	A	N
HP74	landrace	9.05	3.53	China	109.44	19.23	Japonica Intermediate	N	CT	N	A	A	ATT	N
HP176	NA	8.31	3.35	China	119.7	27.57	Indica Intermediate	N	CT	G	A	A	ATT	N
HP387	cultivar	8.11	3.05	China	117.83	25.69	Indica I	N	CT	G	A	A	A	N
HP200	NA	7.58	3.19	China	117.3	24.38	Indica I	N	CT	G	A	G	A	N
HP429	NA	8.91	2.82	China	114.17	30.35	Indica I	N	CT	G	A	A	A	N
HP515	NA	8.47	2.88	China	105.06	28.71	Indica I	N	CT	G	A	A	ATT	N
W160	landrace	6.85	3.63	Unknown	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP375	landrace	8.80	3.16	China	108.89	32.3	Temperate Japonica	N	CT	G	A	G	ATT	N
GP621	landrace	7.29	3.02	Japan	NA	NA	Temperate Japonica	N	CT	G	A	A	ATT	N
GP561	landrace	7.85	3.53	Japan	NA	NA	Tropical Japonica	N	CT	G	A	A	ATT	N
HP106	landrace	NA	NA	China	117	36.4	Temperate Japonica	N	N	G	A	G	ATT	N
W011	landrace	7.75	3.49	Japan	139.8	35.7	Temperate Japonica	A	CT	G	A	G	ATT	A
W135	NA	8.03	3.01	Iraq	44.22	33.14	Indica Intermediate	T	CT	G	G	A	A	N
IRIS_313-10076	landrace	8.10	3.80	Japan	NA	NA	Tropical Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9346	landrace	7.40	3.50	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10631	landrace	7.30	3.60	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP199	NA	NA	NA	China	118.18	25.07	Indica Intermediate	N	DEL	G	A	A	ATT	N
IRIS_313-11214	landrace	8.80	3.10	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	A
HP269	NA	8.12	2.99	China	104.91	25.1	Indica I	N	CT	G	A	G	ATT	N
W281	landrace	7.93	3.73	Pakistan	73.08	33.4	Temperate Japonica	A	CT	G	A	G	ATT	N
IRIS_313-8095	landrace	NA	NA	Spain	NA	NA	Temperate Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11733	cultivar	7.80	3.30	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
HP223	landrace	8.16	2.66	China	121.3	25.03	Japonica Intermediate	N	CT	G	A	A	ATT	N
C036	NA	9.67	3.13	Sichuan	104.05	30.39	Indica Intermediate	N	CT	T	A	A	A	N
B116	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
W070	NA	9.71	2.78	Hong Kong	114.08	22.17	Indica Intermediate	T	CT	T	A	A	A	N
HP559	landrace	9.03	2.88	China	104.06	30.67	Indica I	N	CT	G	A	A	A	N
HP399	NA	8.80	3.27	China	111.29	27.73	Indica I	N	CT	G	A	A	A	N

GP596	landrace	6.90	3.16	Japan	NA	NA	Japonica Intermediate	N	CT	G	A	A	ATT	N
HP492	NA	8.49	2.68	China	113	25.79	Indica I	N	CT	G	A	A	A	N
HP541	landrace	8.09	3.17	China	113.91	25.08	Indica I	N	CT	G	A	G	A	N
HP576	landrace	9.15	2.84	China	105.92	26.25	Indica I	N	N	G	G	G	A	N
C120	landrace	7.02	3.78	Tianjin	117.11	39.09	Temperate Japonica	A	CT	G	A	G	ATT	N
B160	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP551	landrace	8.98	2.89	China	106.71	26.57	Indica I	N	CT	G	A	A	A	N
IRIS_313-11547	NA	8.90	2.90	Myanmar	NA	NA	Indica III	T	C	T	G	A	A	AAGCTGAGCTG
CX33	cultivar	NA	NA	Myanmar	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
W179	cultivar	8.73	2.45	Myanmar	96.15	16.8	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX158	NA	NA	NA	Vietnam	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11141	NA	7.70	3.30	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11142	NA	8.70	3.20	Myanmar	NA	NA	Indica III	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-12269	NA	7.80	2.40	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11969	landrace	10.30	2.90	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11734	cultivar	8.10	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8608	NA	9.10	2.60	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9098	NA	6.90	2.90	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11926	landrace	11.50	3.70	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11179	NA	8.10	3.20	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11317	landrace	10.20	2.50	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11655	landrace	7.80	3.60	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11688	NA	7.60	2.70	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10813	NA	8.60	2.00	Indonesia	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10697	landrace	9.40	2.50	Malaysia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8591	landrace	9.40	2.60	Malaysia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
W328	landrace	10.13	3.70	Beijing	116.4	39.9	Intermediate	T	CT	G	A	G	ATT	A
B128	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10814	NA	NA	NA	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10285	cultivar	9.70	2.70	Peru	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10623	landrace	8.70	3.00	Nepal	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8767	NA	7.50	3.10	Indonesia	NA	NA	Indica III	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-10815	landrace	8.30	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10816	landrace	8.50	3.60	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-9691	landrace	9.70	2.60	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8998	landrace	7.50	2.60	Indonesia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9867	NA	9.10	2.90	Sri Lanka	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10938	landrace	8.10	2.70	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10689	landrace	8.20	3.40	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
HP238	NA	8.76	2.72	China	115.82	27.44	Indica Intermediate	N	CT	G	G	G	A	N
IRIS_313-8833	NA	8.20	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
W113	landrace	8.78	2.90	Brunei	114.55	4.52	Tropical Japonica	A	CT	T	G	A	ATT	N
IRIS_313-8771	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11424	landrace	8.10	3.40	Philippines	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-11932	NA	9.90	2.60	Kenya	NA	NA	Indica III	T	N	T	G	G	ATT	AAGCTGAGCTG

IRIS_313-8567	NA	8.40	2.90	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11845	landrace	10.30	3.20	Thailand	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-9091	NA	8.00	3.10	Sri Lanka	NA	NA	Indica III	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-10941	NA	9.90	2.90	Indonesia	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
GP515	landrace	8.87	3.21	Philippine	NA	NA	Tropical Japonica	N	CT	T	A	A	ATT	N
W031	landrace	8.00	2.79	Indonesia	106.45	-6.08	Indica I	T	CT	G	A	A	A	N
IRIS_313-10744	landrace	6.90	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-10517	NA	8.50	3.30	Philippines	NA	NA	Indica III	T	DEL	G	A	A	A	AAGCTGAGCTG
IRIS_313-11180	NA	11.40	2.80	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9320	NA	8.90	3.30	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10944	NA	8.80	3.10	Indonesia	NA	NA	Indica III	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-11492	landrace	8.50	3.40	India	NA	NA	Aus	T	CT	G	G	A	A	A
IRIS_313-10959	landrace	8.90	3.10	Indonesia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10940	NA	8.30	3.20	Indonesia	NA	NA	Indica III	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-9936	NA	7.60	2.50	Sri Lanka	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-8664	landrace	7.40	3.20	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
HP396	landrace	8.77	2.81	China	113.63	28.16	Indica I	N	CT	G	A	A	A	N
IRIS_313-11500	NA	9.90	2.90	Indonesia	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
GP642	landrace	8.90	2.18	US	NA	NA	Tropical Japonica	N	CT	N	G	A	ATT	N
IRIS_313-8976	landrace	8.80	2.50	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W099	landrace	7.82	2.90	Sierra Leone	-13.22	8.48	Aus	N	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10817	landrace	8.50	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8143	landrace	NA	NA	Bulgaria	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
CX182	cultivar	NA	NA	Japan	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
B185	cultivar	NA	NA	Laos	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	N
IRIS_313-11174	landrace	NA	NA	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10745	landrace	8.70	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8052	landrace	NA	NA	Italy	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11253	cultivar	11.20	2.50	Suriname	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9464	landrace	11.80	2.80	Suriname	NA	NA	Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9841	cultivar	11.40	2.60	Suriname	NA	NA	Indica Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11118	landrace	8.00	3.00	Vietnam	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12102	NA	NA	NA	Cambodia	NA	NA	Indica III	T	CT	T	G	A	A	N
IRIS_313-9695	landrace	8.50	3.30	Pakistan	NA	NA	Indica Intermediate	T	CT	G	G	G	ATT	A
IRIS_313-9944	NA	8.80	3.20	Solomon Islands	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12228	landrace	9.30	3.30	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-9986	landrace	8.00	3.20	Guinea	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8409	NA	NA	NA	Vietnam	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-7778	landrace	NA	NA	Vietnam	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
W060	landrace	7.59	3.47	Japan	139.8	35.7	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-7780	cultivar	9.90	2.40	India	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11175	landrace	8.50	2.60	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9287	NA	9.30	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9120	landrace	NA	NA	India	NA	NA	Intermediate	H	CT	G	A	A	ATT	A
HP175	landrace	NA	NA	China	109.7	18.64	Japonica Intermediate	N	CT	T	A	A	ATT	N

W072	landrace	9.07	2.69	Mali	-7.59	12.4	Aus	T	CT	G	G	A	ATT	N
IRIS_313-11716	NA	9.50	2.70	Guinea	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10573	landrace	6.30	2.40	Mali	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11539	landrace	8.70	2.30	None	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W100	NA	7.50	2.90	Afghanistan	69	34.5	Aus	T	CT	G	G	A	ATT	N
IRIS_313-11233	cultivar	10.50	3.00	Thailand	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10640	NA	11.00	2.90	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8096	landrace	NA	NA	Spain	NA	NA	Temperate Japonica	A	DEL	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-12143	NA	6.00	2.30	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11088	NA	NA	NA	Cambodia	NA	NA	Indica III	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-8996	NA	10.10	2.90	Vietnam	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10916	landrace	8.20	2.70	Cambodia	NA	NA	Temperate Japonica	A	CT	T	A	G	ATT	A
IRIS_313-11089	NA	9.70	3.00	Cambodia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W093	NA	8.90	2.67	Cambodia	104.55	11.35	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
B013	NA	NA	NA	Sri lanka	NA	NA	Indica Intermediate	H	CT	G	A	A	A	AAGCTGAGCTG
CX148	landrace	NA	NA	Malaysia	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10838	landrace	6.30	3.10	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9976	NA	7.90	3.40	Korea	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
GP641	landrace	8.80	2.01	US	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
IRIS_313-8822	landrace	9.00	2.70	Bangladesh	NA	NA	Aus	T	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-11229	NA	8.80	3.10	Bangladesh	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11230	landrace	8.80	3.00	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11231	NA	9.40	3.20	Bangladesh	NA	NA	Indica III	T	CT	T	G	A	ATT	N
HP442	NA	9.01	3.05	China	113.56	29.71	Indica I	N	CT	G	A	A	A	N
IRIS_313-10715	NA	8.70	3.10	Sri Lanka	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8390	landrace	10.90	2.20	Pakistan	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11372	NA	10.80	2.40	India	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10927	landrace	8.80	3.40	Nepal	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11604	NA	8.90	2.60	India	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
C064	landrace	7.43	3.53	Jiangsu	118.5	32.02	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11402	NA	8.40	3.00	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP348	landrace	NA	NA	China	110.24	21.39	Indica Intermediate	N	CT	G	A	A	A	N
W235	landrace	7.61	3.10	Unknown	NA	NA	Indica I	N	CT	G	A	G	A	N
IRIS_313-10522	landrace	NA	NA	Indonesia	NA	NA	Intermediate	H	CT	T	A	A	ATT	H
IRIS_313-9242	landrace	NA	NA	Indonesia	NA	NA	Japonica Intermediate	H	CT	T	A	A	N	A
IRIS_313-11906	landrace	9.40	2.90	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11011	NA	NA	NA	Indonesia	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
GP647	landrace	9.62	2.68	US	NA	NA	Tropical Japonica	N	CT	N	G	A	ATT	N
IRIS_313-10987	landrace	8.30	3.00	Bangladesh	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10960	landrace	8.90	2.70	Indonesia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8778	landrace	8.70	3.40	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	N
IRIS_313-8145	landrace	NA	NA	Portugal	NA	NA	Japonica Intermediate	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-8303	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	N
GP135	cultivar	8.17	2.41	North Korea	NA	NA	Indica II	N	CT	G	G	A	A	N
GP637	cultivar	7.14	2.76	North Korea	NA	NA	Indica II	N	CT	G	A	A	ATT	N

GP137	cultivar	8.82	2.88	North Korea	NA	NA	Indica II	N	CT	T	A	A	A	N
GP144	NA	7.73	2.49	North Korea	NA	NA	Indica II	N	N	G	G	A	A	N
GP652	cultivar	7.21	2.55	North Korea	NA	NA	Indica II	N	DEL	G	A	G	A	N
IRIS_313-9996	landrace	7.10	2.90	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP638	landrace	7.79	3.41	North Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	A
IRIS_313-10000	cultivar	8.20	3.10	Korea	NA	NA	Indica II	A	CT	G	A	A	A	AAGCTGAGCTG
GP639	cultivar	NA	NA	North Korea	NA	NA	Indica II	N	N	G	A	A	A	N
GP636	landrace	7.14	3.23	North Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
C008	cultivar	7.62	2.83	Guinea	-13.43	9.3	Indica Intermediate	T	CT	G	G	A	A	N
CX94	cultivar	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11176	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11199	cultivar	7.50	2.60	India	NA	NA	Indica Intermediate	T	DEL	G	G	A	ATT	AAGCTGAGCTG
GP591	landrace	6.77	3.23	North Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-9813	landrace	7.20	2.90	Hungary	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9880	landrace	8.30	3.20	Hungary	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11157	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10917	NA	9.50	3.90	Philippines	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10918	landrace	NA	NA	Philippines	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10608	NA	10.40	3.00	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11373	landrace	9.10	2.20	India	NA	NA	VI/Aromatic	A	CT	T	A	A	ATT	A
IRIS_313-8727	NA	8.80	3.30	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
GP51	cultivar	9.56	2.54	Cuba	NA	NA	Indica Intermediate	N	N	N	A	A	A	N
GP50	cultivar	9.53	2.55	Cuba	NA	NA	Indica Intermediate	N	DEL	T	A	A	A	N
GP52	cultivar	9.40	2.47	Cuba	NA	NA	Indica Intermediate	N	DEL	T	A	A	A	N
GP49	cultivar	9.51	2.45	Cuba	NA	NA	Indica Intermediate	N	N	T	A	A	A	N
IRIS_313-8147	landrace	NA	NA	India	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
IRIS_313-10560	NA	8.30	3.30	China	NA	NA	Indica I	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-12312	landrace	8.90	3.60	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
GP606	landrace	NA	NA	South Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-10839	landrace	6.60	3.40	South Korea	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
CX122	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8739	landrace	9.20	2.50	Ivory Coast	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11580	NA	8.60	2.80	China	NA	NA	Indica Intermediate	T	N	G	G	A	A	AAGCTGAGCTG
W005	landrace	7.79	2.93	Taiwan	121.38	25.02	Tropical Japonica	A	CT	G	G	A	ATT	N
IRIS_313-10429	landrace	7.10	3.30	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9702	landrace	8.10	3.10	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11981	landrace	7.30	3.40	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9701	landrace	7.20	3.30	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11237	NA	9.10	3.00	China	NA	NA	Indica II	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10515	NA	7.40	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
CX270	NA	NA	NA	China	NA	NA	Indica I	T	N	T	G	A	A	AAGCTGAGCTG
C123	landrace	9.30	4.03	Taiwan	121.31	25.03	Tropical Japonica	A	CT	G	A	A	ATT	N
B196	landrace	NA	NA	China	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
HP225	NA	8.14	3.23	China	121.3	25.03	Indica I	N	DEL	G	A	A	A	N
HP994	cultivar	NA	NA	China	NA	NA	Indica I	N	DEL	G	A	A	A	N

HP10	landrace	8.10	3.40	China	121.3	25.03	Temperate Japonica	N	CT	G	A	A	ATT	N
W128	landrace	8.50	3.23	Taiwan	121.38	25.02	Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
C012	landrace	7.95	3.63	Philippines	121	14.6	Temperate Japonica	N	CT	G	A	G	ATT	A
W074	NA	8.03	3.21	Taiwan	121.38	25.02	Indica Intermediate	T	CT	G	A	A	A	N
IRIS_313-11698	landrace	7.10	3.40	China	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-9706	landrace	7.50	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11990	cultivar	8.50	3.10	China	NA	NA	Indica II	T	CT	G	A	A	A	AAGCTGAGCTG
B074	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C041	cultivar	8.12	3.32	Guangdong	113.15	23.08	Indica I	T	N	G	A	A	A	N
IRIS_313-9705	NA	7.90	3.40	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP191	landrace	7.94	2.85	China	119.05	29.61	Indica I	N	CT	G	A	G	ATT	N
B158	NA	NA	NA	China	NA	NA	Temperate Japonica	H	CT	N	A	G	ATT	A
C068	cultivar	9.70	2.72	Taiwan	121.31	25.03	Indica II	N	DEL	T	G	A	A	N
B197	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	H
C169	cultivar	8.17	2.92	Taiwan	121.31	25.03	Indica Intermediate	N	CT	G	G	A	A	N
B159	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-8655	landrace	NA	NA	Pakistan	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9283	landrace	8.20	3.10	Pakistan	NA	NA	Aus	T	CT	G	G	G	ATT	A
IRIS_313-9081	landrace	7.20	3.30	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-12229	cultivar	9.80	2.90	Laos	NA	NA	Indica III	T	DEL	T	A	A	A	N
IRIS_313-12311	landrace	10.20	2.70	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
W056	landrace	6.58	3.44	Japan	139.8	35.7	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10077	NA	7.90	3.50	Japan	NA	NA	Indica III	H	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11181	NA	9.20	3.00	Indonesia	NA	NA	Indica III	T	CT	G	G	A	A	N
IRIS_313-11989	landrace	7.40	2.80	Brunei	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11397	landrace	8.60	3.50	Indonesia	NA	NA	Tropical Japonica	A	CT	G	G	A	ATT	A
IRIS_313-11521	landrace	8.40	3.80	Vietnam	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-12004	landrace	8.60	3.70	Madagascar	NA	NA	Intermediate	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11143	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11787	landrace	8.90	3.70	Gambia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11967	NA	7.80	2.40	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
HP123	landrace	7.78	3.73	China	114.97	38.75	Temperate Japonica	N	N	G	A	G	ATT	N
HP372	landrace	8.55	3.19	China	107.13	34.65	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-12133	NA	7.50	2.50	Laos	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8781	NA	7.80	2.50	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10961	landrace	9.30	2.60	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
CX66	landrace	NA	NA	Iran	NA	NA	VI/Aromatic	A	CT	T	A	G	ATT	A
W220	landrace	9.52	2.38	Unknown	NA	NA	VI/Aromatic	N	CT	T	A	G	ATT	N
GP622	cultivar	6.48	2.70	IRRI	NA	NA	Indica Intermediate	N	DEL	G	A	A	A	N
W076	landrace	7.40	3.31	Nepal	85.3	27.7	Aus	T	CT	G	A	A	ATT	N
IRIS_313-11548	NA	8.30	3.50	Myanmar	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11144	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11549	NA	9.10	3.00	Myanmar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP400	landrace	8.73	3.10	China	111.29	27.73	Indica I	N	DEL	G	A	A	ATT	N
W218	landrace	8.08	3.09	Unknown	NA	NA	Indica Intermediate	N	CT	G	A	A	A	N

W121	NA	8.33	3.13	Iran	51.3	35.45	Aus	T	CT	G	A	G	ATT	N
W133	NA	8.86	2.82	Thailand	100.5	13.8	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
GP41	landrace	NA	NA	Vietnam	NA	NA	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-12232	cultivar	7.50	3.20	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
GP640	landrace	NA	NA	US	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
IRIS_313-8434	landrace	8.80	2.40	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX102	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10949	landrace	7.70	3.70	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG
W249	landrace	9.70	3.64	Philippines	121	14.6	Temperate Japonica	N	CT	T	A	G	ATT	N
IRIS_313-11012	landrace	NA	NA	Indonesia	NA	NA	Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
GP668	landrace	6.94	3.15	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP670	landrace	7.98	3.25	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP673	landrace	7.07	3.08	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP671	landrace	7.32	3.08	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP662	landrace	6.90	3.06	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP663	landrace	6.94	3.04	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP664	landrace	7.11	3.10	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP669	landrace	7.15	3.15	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP674	landrace	6.85	2.99	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP675	landrace	6.91	3.12	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP666	landrace	6.79	3.11	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP667	landrace	7.15	3.15	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	A
GP672	landrace	7.27	3.23	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
GP665	landrace	7.31	3.33	Japan	NA	NA	Temperate Japonica	N	N	G	A	G	ATT	N
IRIS_313-9838	landrace	8.40	3.30	New Zealand	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W186	NA	0.00	0.00	Philippines	121	14.6	Indica Intermediate	T	CT	G	A	A	A	N
B145	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	N	T	A	A	A	AAGCTGAGCTG
C044	cultivar	10.00	3.18	Unknown	NA	NA	Indica Intermediate	T	N	T	A	A	A	N
IRIS_313-10962	NA	NA	NA	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8803	landrace	9.60	2.40	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9539	landrace	9.10	2.90	United States	NA	NA	Temperate Japonica	A	CT	G	G	A	ATT	A
CX93	cultivar	NA	NA	India	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
W240	NA	9.84	2.78	India	77.2	28.6	Indica Intermediate	N	CT	N	A	A	A	AAGCTGAGCTG
IRIS_313-8105	landrace	NA	NA	United States	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11145	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
W030	landrace	7.56	2.84	Vietnam	105.85	21.03	Indica Intermediate	T	CT	G	A	A	ATT	N
IRIS_313-10657	landrace	8.70	3.20	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-11081	NA	10.40	3.70	Laos	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-12134	landrace	7.00	3.00	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	AAGCTGAGCTG
W115	landrace	8.39	3.11	Sri Lanka	79.52	6.55	Aus	N	CT	G	G	A	ATT	N
IRIS_313-11146	NA	8.20	3.20	Myanmar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9160	landrace	8.80	2.60	Senegal	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11901	landrace	6.20	2.10	Thailand	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11884	NA	8.70	3.10	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
B007	NA	NA	NA	Vietnam	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG

IRIS_313-11872	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
C089	landrace	7.42	3.42	Zhejiang	120.09	30.14	Temperate Japonica	N	CT	G	A	G	ATT	A
B056	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11254	NA	7.90	3.00	Vietnam	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP301	NA	8.17	3.35	China	114.97	27.12	Indica I	N	N	G	A	A	A	N
IRIS_313-9940	NA	10.20	2.70	Guatemala	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10965	landrace	8.70	2.60	Bangladesh	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9506	landrace	7.40	3.20	Bhutan	NA	NA	Intermediate	H	CT	G	A	A	ATT	A
IRIS_313-8148	landrace	NA	NA	Romania	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-8765	landrace	6.80	3.00	Bhutan	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-11907	landrace	8.90	4.10	Indonesia	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	A
IRIS_313-12051	landrace	9.90	2.60	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
W032	landrace	7.79	2.78	Guyana	-58.1	6.46	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10821	landrace	8.40	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
B173	landrace	NA	NA	Indonesia	NA	NA	Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10746	landrace	8.80	3.70	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-10818	landrace	7.90	2.70	Indonesia	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10819	landrace	7.60	3.00	Indonesia	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10820	NA	NA	NA	Indonesia	NA	NA	Indica III	T	DEL	G	A	A	DEL	AAGCTGAGCTG
IRIS_313-9005	NA	10.00	2.80	Indonesia	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-10747	landrace	9.20	3.30	Indonesia	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	N
IRIS_313-9170	landrace	9.30	3.80	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-9682	landrace	8.40	3.60	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
CX120	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
W245	landrace	9.04	2.70	India	77.2	28.6	Indica Intermediate	N	CT	T	G	A	A	AAGCTGAGCTG
W171	cultivar	7.99	3.03	Philippines	121	14.6	Indica Intermediate	T	CT	G	G	A	A	N
CX24	cultivar	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
CX162	cultivar	NA	NA	China	NA	NA	Indica I	T	C	G	A	A	A	AAGCTGAGCTG
IRIS_313-12270	NA	8.20	3.20	Myanmar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11659	landrace	8.20	2.90	Sierra Leone	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10054	cultivar	10.40	2.70	Panama	NA	NA	Indica Intermediate	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11398	NA	8.90	2.50	Indonesia	NA	NA	Indica III	T	N	G	G	A	A	AAGCTGAGCTG
CX400	landrace	NA	NA	Africa	NA	NA	Intermediate	H	CT	G	A	A	DEL	H
CX402	landrace	NA	NA	Africa	NA	NA	Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
CX401	landrace	NA	NA	Africa	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
W054	landrace	9.22	2.98	India	77.2	28.6	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10695	NA	9.80	2.80	Malaysia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10502	NA	7.70	2.80	China	NA	NA	Indica I	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11846	landrace	9.20	3.20	Thailand	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10226	NA	9.20	3.00	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9288	NA	10.10	2.90	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
HP443	NA	8.85	3.03	China	111.04	27.13	Indica I	N	CT	G	A	A	A	N
CX534	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	A	A
HP245	NA	9.36	2.82	China	113.8	29.23	Indica I	N	CT	G	A	A	A	N
IRIS_313-8149	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A

IRIS_313-12231	NA	7.80	3.40	Laos	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9926	NA	10.60	3.00	Chad	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10433	landrace	8.80	2.80	Philippines	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10750	NA	8.80	3.20	Vietnam	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-8694	landrace	9.10	3.30	Brazil	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9708	landrace	7.00	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10583	landrace	7.30	3.40	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9469	landrace	8.60	3.40	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
W272	NA	8.71	3.22	China	116.4	39.9	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9048	landrace	7.00	2.90	Bhutan	NA	NA	Japonica Intermediate	A	CT	G	A	A	ATT	A
IRIS_313-10050	landrace	10.10	2.50	Madagascar	NA	NA	Indica III	T	CT	G	A	A	ATT	N
IRIS_313-11766	NA	9.60	2.80	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-7792	cultivar	NA	NA	Madagascar	NA	NA	Indica II	T	CT	T	G	A	A	N
IRIS_313-7793	NA	NA	NA	Madagascar	NA	NA	Indica III	T	N	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7795	NA	NA	NA	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-11794	NA	10.10	2.60	Madagascar	NA	NA	Indica III	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-10051	landrace	8.50	4.10	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-12282	NA	9.80	2.40	Madagascar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
HP334	NA	8.57	2.89	China	113.56	29.71	Indica I	N	CT	G	A	A	A	N
HP316	NA	8.26	3.06	China	115.55	28.4	Indica I	N	N	G	A	A	A	N
IRIS_313-11556	landrace	8.10	2.80	Sierra Leone	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11318	NA	10.40	3.00	Indonesia	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11996	NA	8.80	3.20	Philippines	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11421	NA	7.10	2.90	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
HP60	landrace	8.84	3.44	China	131.85	45.53	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-9188	landrace	7.60	2.70	Indonesia	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
CX107	NA	NA	NA	Vietnam	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11447	NA	9.10	2.90	India	NA	NA	Indica Intermediate	T	DEL	G	G	G	A	AAGCTGAGCTG
HP514	NA	8.23	3.17	China	104.97	29.24	Indica I	N	CT	G	A	A	A	N
IRIS_313-11070	landrace	7.30	3.00	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-11069	landrace	7.10	3.20	Bangladesh	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
IRIS_313-11507	landrace	10.10	3.00	Vietnam	NA	NA	Indica II	A	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11147	NA	8.70	3.50	Myanmar	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
CX218	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	G	G	A	N
W216	cultivar	9.14	2.75	India	77.2	28.6	Indica II	T	CT	T	G	G	A	N
IRIS_313-8754	NA	8.50	3.40	India	NA	NA	Indica III	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10603	landrace	8.50	3.20	Bangladesh	NA	NA	Aus	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-10600	landrace	NA	NA	Bangladesh	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11740	NA	8.00	3.50	Ghana	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10585	NA	7.50	3.40	Japan	NA	NA	Intermediate	T	C	G	A	G	A	AAGCTGAGCTG
IRIS_313-8097	cultivar	NA	NA	Spain	NA	NA	Temperate Japonica	T	CT	G	G	A	ATT	A
IRIS_313-10822	NA	6.60	3.20	Indonesia	NA	NA	Indica III	T	N	G	A	A	A	AAGCTGAGCTG
IRIS_313-9694	NA	7.70	2.80	Malaysia	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP526	NA	6.73	2.82	Thailand	NA	NA	Indica Intermediate	N	CT	G	A	G	A	N
IRIS_313-8872	landrace	NA	NA	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG

IRIS_313-9190	NA	NA	NA	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-9574	NA	9.10	2.60	Brunei	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-9882	NA	8.20	2.90	China	NA	NA	Indica III	T	CT	G	A	A	ATT	N
CX110	landrace	NA	NA	Japan	NA	NA	VI/Aromatic	A	CT	G	A	A	ATT	A
W259	cultivar	10.27	2.83	Japan	139.8	35.7	Indica II	N	CT	T	G	A	A	N
IRIS_313-7797	landrace	NA	NA	Philippines	NA	NA	Indica Intermediate	A	CT	G	G	A	A	AAGCTGAGCTG
W238	cultivar	9.24	2.65	India	77.2	28.6	Indica II	N	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-10417	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	A	A	A	N
CX92	cultivar	NA	NA	India	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
GP142	NA	8.89	2.04	India	NA	NA	Indica II	N	CT	N	G	A	ATT	N
IRIS_313-11619	landrace	7.90	2.40	India	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-11620	NA	8.80	2.70	India	NA	NA	Aus	T	CT	G	G	G	ATT	AAGCTGAGCTG
IRIS_313-8435	NA	7.80	3.30	India	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-11621	NA	8.10	2.50	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11616	NA	7.70	3.00	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	A
IRIS_313-11617	NA	7.90	3.00	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11618	NA	9.20	2.30	India	NA	NA	Aus	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-10287	cultivar	9.40	2.70	Peru	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-8305	landrace	9.60	3.20	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-10823	landrace	7.60	2.90	Indonesia	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
W285	landrace	8.97	2.93	Indonesia	106.45	-6.08	Tropical Japonica	A	CT	T	G	A	ATT	A
W260	landrace	9.05	3.16	Philippines	121	14.6	Tropical Japonica	N	CT	G	G	A	ATT	A
W080	landrace	8.46	3.11	Uzbekistan	69.13	41.16	Indica I	T	CT	G	A	A	A	N
W098	landrace	7.92	2.93	Uzbekistan	69.13	41.16	Aus	T	CT	G	G	A	ATT	N
W018	landrace	8.56	3.39	Uzbekistan	69.13	41.16	Temperate Japonica	A	CT	G	A	G	ATT	A
GP511	landrace	7.81	3.57	Russia	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11209	cultivar	8.10	3.60	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11461	landrace	9.10	3.40	India	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8151	landrace	NA	NA	Portugal	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
CX236	landrace	NA	NA	None	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11479	landrace	7.40	2.00	India	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-11790	landrace	8.20	3.50	Madagascar	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-12283	NA	8.60	2.70	Madagascar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12284	landrace	7.40	2.70	Madagascar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11791	landrace	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
GP5	landrace	9.05	2.38	Madagascar	NA	NA	Tropical Japonica	N	CT	T	G	A	ATT	N
IRIS_313-7992	landrace	NA	NA	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-7993	landrace	NA	NA	Madagascar	NA	NA	Tropical Japonica	T	CT	T	G	A	A	A
IRIS_313-11767	NA	11.30	2.50	Madagascar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7799	NA	NA	NA	Madagascar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-7994	landrace	NA	NA	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-9745	landrace	10.10	3.30	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-9388	NA	7.90	3.20	Madagascar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	N
W063	landrace	10.37	3.64	Portugal	-9.05	38.42	Japonica Intermediate	A	CT	T	G	A	ATT	N
IRIS_313-9550	landrace	9.30	2.40	United States	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A

IRIS_313-10836	landrace	7.90	3.20	India	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10719	NA	8.00	3.30	Sri Lanka	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11042	NA	8.40	3.40	India	NA	NA	Indica III	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-9317	NA	7.80	3.10	Vietnam	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12345	landrace	10.50	4.00	Laos	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	A
IRIS_313-8011	landrace	NA	NA	Vietnam	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
B009	NA	NA	NA	Vietnam	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
GP117	landrace	7.83	2.65	US	NA	NA	Tropical Japonica	N	CT	G	G	G	ATT	N
IRIS_313-12322	landrace	9.00	3.60	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11792	landrace	8.70	4.10	Madagascar	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11964	NA	7.90	2.70	Bangladesh	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
CX160	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11244	NA	8.50	3.00	India	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11374	landrace	10.50	2.70	India	NA	NA	Aus	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-9890	landrace	7.30	3.40	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W119	landrace	9.20	2.64	Cote D'Ivoire	-5.28	6.81	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-15905	landrace	NA	NA	Ivory Coast	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	N
IRIS_313-11511	landrace	9.80	3.30	Philippines	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-11345	landrace	8.60	3.00	Philippines	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11346	cultivar	8.70	2.70	Philippines	NA	NA	Indica II	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11347	landrace	9.00	3.90	Philippines	NA	NA	Indica III	T	CT	T	A	G	A	AAGCTGAGCTG
IRIS_313-11582	landrace	7.80	3.20	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9611	NA	8.50	2.60	India	NA	NA	Indica III	T	CT	G	A	A	A	AAGCTGAGCTG
HP90	landrace	8.50	3.52	China	115.14	38.71	Temperate Japonica	N	CT	G	A	G	ATT	N
HP313	landrace	8.14	3.33	China	105.18	25.44	Indica I	N	CT	G	A	G	A	N
IRIS_313-9187	NA	NA	NA	Malaysia	NA	NA	Intermediate	T	C	T	A	A	ATT	N
HP270	landrace	8.68	3.26	China	104.91	25.1	Indica I	N	CT	G	G	G	A	N
IRIS_313-9519	landrace	9.10	3.30	Suriname	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
HP8	landrace	6.96	3.26	China	120.1	30.16	Temperate Japonica	N	CT	N	A	G	ATT	N
HP234	NA	8.53	3.02	China	120.62	31.32	Indica I	N	CT	G	A	A	ATT	N
B130	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C180	NA	7.93	3.10	Hunan	113	28.11	Indica I	N	CT	G	A	A	A	N
B005	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX342	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	G	A	AAGCTGAGCTG
CX343	NA	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
HP463	NA	8.61	3.00	China	120.95	31.39	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-10421	landrace	NA	NA	Sierra Leone	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-10422	NA	NA	NA	Sierra Leone	NA	NA	Indica III	T	CT	T	G	A	A	A
W023	NA	7.92	2.82	India	77.2	28.6	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-7807	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7808	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	N	T	G	A	A	AAGCTGAGCTG
IRIS_313-7809	cultivar	NA	NA	Senegal	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7815	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7816	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	DEL	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7819	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG

IRIS_313-7820	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-7824	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-7826	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
IRIS_313-7832	cultivar	NA	NA	Senegal	NA	NA	Indica II	T	C	T	A	A	ATT	AAGCTGAGCTG
W116	landrace	9.20	3.67	Unknown	NA	NA	Tropical Japonica	A	CT	T	A	A	ATT	N
W006	landrace	9.68	3.23	Micronesia	158.1	6.55	Tropical Japonica	A	CT	T	G	A	ATT	A
W123	landrace	9.18	3.33	Peru	-76.55	-12.06	Tropical Japonica	A	CT	T	G	A	ATT	N
C026	landrace	7.58	3.65	Liaoning	123.24	41.5	Temperate Japonica	A	CT	G	A	G	ATT	A
B263	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP342	landrace	7.67	2.78	China	109.69	19.91	Indica Intermediate	N	CT	G	A	A	A	N
HP80	landrace	NA	NA	China	113.14	23.08	Temperate Japonica	N	CT	G	A	G	ATT	N
B106	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
W320	landrace	8.02	3.17	Yunnan	102.41	25.04	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
HP79	landrace	8.59	3.62	China	117.4	40.05	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-12217	landrace	6.80	3.20	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C099	NA	7.83	3.27	Guangxi	108.2	22.48	Indica Intermediate	N	CT	G	A	A	A	N
C100	NA	8.77	3.03	Hubei	114	30	Indica Intermediate	N	CT	G	A	A	A	N
C105	NA	8.68	3.03	Yunnan	102.41	25.04	Indica Intermediate	N	CT	T	A	G	A	N
C109	landrace	9.57	3.12	Yunnan	102.41	25.04	Indica I	T	CT	G	A	G	A	N
C115	cultivar	10.23	2.87	Hunan	113	28.11	Indica II	N	DEL	T	A	A	A	AAGCTGAGCTG
C139	NA	8.45	3.28	Yunnan	102.41	25.04	Indica I	T	CT	G	A	G	ATT	N
C062	cultivar	9.12	3.57	Henan	113.42	34.48	Indica I	N	CT	G	A	G	A	N
IRIS_313-9372	landrace	7.80	3.20	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-8890	landrace	8.10	3.00	Belgium	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9963	landrace	7.60	3.60	Sri Lanka	NA	NA	Aus	T	CT	G	A	G	ATT	A
IRIS_313-9964	landrace	9.60	3.50	Georgia	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-9961	landrace	8.90	3.30	Norway	NA	NA	Temperate Japonica	H	CT	G	A	G	ATT	A
W109	landrace	7.75	3.51	Russian Federation	37.37	55.45	Temperate Japonica	N	CT	G	A	G	ATT	N
W026	landrace	7.77	3.28	Korea	127	37.6	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-8732	cultivar	10.50	2.80	Thailand	NA	NA	Indica II	T	N	T	G	A	A	N
IRIS_313-9227	cultivar	10.30	2.70	Thailand	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
IRIS_313-11610	NA	NA	NA	Thailand	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
HP531	landrace	8.94	3.04	China	107.48	27.08	Indica I	N	CT	G	A	A	A	N
GP649	landrace	6.78	3.06	Japan	NA	NA	Temperate Japonica	N	CT	G	A	A	ATT	N
CX116	landrace	NA	NA	North Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W268	cultivar	7.90	3.03	South Korea	125.47	39	Indica Intermediate	N	CT	G	A	A	A	N
HP247	NA	8.70	3.01	China	114.17	30.35	Indica I	N	CT	G	A	A	A	N
HP366	landrace	8.78	3.10	China	112.39	29.37	Indica I	N	CT	G	A	A	A	N
IRIS_313-12237	NA	7.70	2.50	China	NA	NA	Indica I	T	CT	G	G	G	A	AAGCTGAGCTG
HP609	cultivar	8.73	2.77	China	109.83	19.05	Indica Intermediate	N	CT	T	G	A	A	N
HP7	landrace	7.01	3.10	China	120.92	30.84	Temperate Japonica	N	CT	G	A	G	ATT	N
HP210	NA	8.28	3.09	China	119.53	26.2	Indica Intermediate	N	CT	G	A	A	ATT	N
C192	NA	8.52	3.05	Fujian	119.18	26.05	Indica Intermediate	T	CT	G	G	A	A	N
B265	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11660	landrace	9.50	3.30	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	AAGCTGAGCTG

HP17	landrace	7.22	3.35	China	124.37	40.13	Temperate Japonica	N	N	G	A	G	ATT	A
W206	cultivar	10.64	3.05	Unknown	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
HP93	landrace	8.55	3.61	China	112.2	36.15	Temperate Japonica	N	CT	G	A	G	ATT	N
HP433	landrace	8.55	2.93	China	103.29	30.2	Indica I	N	CT	G	A	A	ATT	N
HP448	NA	7.83	3.22	China	115.55	28.4	Indica I	N	CT	G	A	G	ATT	N
HP188	landrace	8.41	3.17	China	118.39	29.15	Indica I	N	CT	G	A	G	A	N
HP40	landrace	7.33	3.23	China	110.3	26.37	Temperate Japonica	N	CT	G	A	A	ATT	N
HP127	landrace	7.51	3.50	China	127.17	44.93	Temperate Japonica	N	CT	N	A	G	ATT	N
CX350	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	DEL	G	A	A	ATT	A
CX165	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP406	landrace	NA	NA	China	106.42	26.35	Temperate Japonica	N	CT	T	A	A	ATT	N
HP11	landrace	7.07	3.10	China	116	26.46	Temperate Japonica	N	CT	G	A	G	ATT	A
B218	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C134	landrace	7.30	3.62	Yunnan	102.41	25.04	Temperate Japonica	A	CT	G	A	G	ATT	A
B014	landrace	NA	NA	Soviet Union	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
GP564	landrace	7.74	3.28	Russia	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
C140	landrace	7.40	3.12	Yunnan	102.41	25.04	Indica I	N	CT	G	G	G	A	AAGCTGAGCTG
CX82	cultivar	NA	NA	Vietnam	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
W229	cultivar	9.62	2.57	Viet Nam	105.85	21.03	Indica II	N	CT	T	G	A	ATT	N
CX83	cultivar	NA	NA	Vietnam	NA	NA	Indica II	T	N	T	G	A	A	AAGCTGAGCTG
W230	cultivar	9.32	2.71	Viet Nam	105.85	21.03	Indica II	N	DEL	T	G	A	A	AAGCTGAGCTG
CX84	cultivar	NA	NA	Vietnam	NA	NA	Indica II	T	CT	G	G	A	A	A
W231	cultivar	8.69	2.83	Viet Nam	105.85	21.03	Indica II	N	N	G	G	A	A	N
GP64	cultivar	7.46	2.16	Burma	NA	NA	Indica II	N	DEL	G	G	A	A	N
IRIS_313-9184	NA	8.10	3.00	China	NA	NA	Indica Intermediate	N	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11805	NA	8.80	3.40	China	NA	NA	Indica I	T	N	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-9111	NA	7.80	2.30	China	NA	NA	Indica I	T	CT	G	G	A	ATT	AAGCTGAGCTG
IRIS_313-11954	NA	7.90	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11753	NA	8.80	3.00	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
B252	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
C121	NA	8.27	3.18	Jiangxi	115.52	28.41	Indica Intermediate	N	CT	T	A	A	A	N
C021	cultivar	7.48	3.07	Unknown	NA	NA	Indica I	T	CT	G	A	A	A	N
B232	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
C190	landrace	8.12	3.12	Henan	113	28.11	Indica I	N	CT	G	A	G	A	N
HP329	landrace	NA	NA	China	114.38	32.62	Indica I	N	CT	G	A	G	A	N
B244	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
HP138	landrace	7.25	3.36	China	119.82	31.36	Temperate Japonica	N	CT	G	A	G	ATT	N
B108	landrace	NA	NA	China	NA	NA	Indica I	T	N	G	A	G	A	AAGCTGAGCTG
C110	landrace	8.38	3.22	Yunnan	102.41	25.04	Indica I	N	N	G	A	G	A	N
HP62	landrace	7.60	3.61	China	103.24	22.77	Japonica Intermediate	N	CT	G	A	A	ATT	N
HP354	NA	9.72	2.71	China	117.64	22.95	Indica Intermediate	N	N	T	A	A	A	N
HP144	landrace	8.51	3.21	China	113.63	28.16	Indica I	N	CT	G	A	A	ATT	N
HP345	landrace	NA	NA	China	113.14	23.08	Temperate Japonica	N	CT	G	A	G	ATT	A
C130	landrace	7.73	3.53	Guizhou	106.42	26.35	Temperate Japonica	N	CT	G	A	G	ATT	N
C093	landrace	7.97	3.63	Guizhou	106.42	26.35	Temperate Japonica	N	CT	G	A	G	ATT	N

C170	cultivar	7.60	3.17	Hunan	113	28.11	Indica I	N	CT	G	A	A	A	N
C046	cultivar	10.30	2.60	Hunan	113	28.11	Indica Intermediate	T	CT	T	G	A	A	N
B233	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
B125	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
HP183	NA	8.63	3.01	China	120.94	28.14	Indica Intermediate	N	DEL	G	A	A	DEL	N
C113	NA	8.35	2.83	Hunan	113	28.11	Indica Intermediate	N	CT	G	G	A	ATT	N
B064	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
HP502	landrace	8.68	3.04	China	113.77	26.49	Indica I	N	CT	G	A	A	A	N
HP288	cultivar	8.90	2.45	China	102.15	27.4	Indica Intermediate	N	CT	G	G	A	A	N
HP483	cultivar	8.00	3.11	China	109.71	28.3	Indica I	N	DEL	G	A	A	A	N
B024	landrace	NA	NA	Thailand	NA	NA	Indica I	T	CT	G	G	A	A	AAGCTGAGCTG
HP216	landrace	7.84	3.04	China	117.16	23.73	Indica Intermediate	N	CT	G	A	G	ATT	N
HP367	NA	8.81	3.02	China	106.93	33	Indica I	N	CT	G	A	A	ATT	N
HP604	landrace	8.35	3.06	China	103.67	22.68	Indica Intermediate	N	CT	G	A	A	ATT	N
HP384	landrace	8.25	3.45	China	114.02	32.83	Temperate Japonica	N	CT	G	A	G	ATT	N
B132	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
C202	landrace	7.92	3.15	Guizhou	106.42	26.35	Indica I	N	CT	G	A	G	A	N
HP439	landrace	8.05	3.41	China	117.87	31.62	Temperate Japonica	N	CT	G	A	G	ATT	N
B091	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
C095	landrace	7.85	3.23	Yunnan	102.41	25.04	Indica I	N	CT	G	G	G	ATT	A
HP248	NA	8.84	3.03	China	114.17	30.35	Indica I	N	CT	G	A	A	A	N
HP81	landrace	7.43	3.15	China	106.93	33	Temperate Japonica	N	CT	G	A	G	ATT	N
HP539	landrace	8.30	3.19	China	109.16	27.37	Indica I	N	CT	G	A	A	A	N
HP595	cultivar	8.36	3.06	China	105.75	26.08	Indica Intermediate	N	CT	G	A	A	A	N
HP581	landrace	NA	NA	China	106.59	26.84	Indica I	N	DEL	G	G	A	A	N
HP128	landrace	6.32	3.36	China	114.08	32.13	Temperate Japonica	N	CT	G	A	G	ATT	N
HP307	landrace	8.64	2.69	China	104.28	28.08	Indica I	N	CT	G	A	A	A	N
HP508	landrace	NA	NA	China	104.94	30.57	Indica I	N	CT	G	A	G	A	N
HP546	landrace	9.23	3.06	China	105.18	25.44	Indica I	N	N	G	G	G	A	AAGCTGAGCTG
HP145	landrace	7.33	3.27	China	110.57	27.92	Temperate Japonica	N	CT	G	A	G	ATT	N
HP265	landrace	NA	NA	China	101.98	24.06	Indica I	N	CT	G	A	G	ATT	N
HP88	landrace	8.30	3.20	China	108.33	33.34	Temperate Japonica	N	N	G	A	G	ATT	N
HP57	landrace	8.17	3.63	China	111.87	29.64	Temperate Japonica	N	CT	G	A	G	ATT	N
HP464	NA	7.47	2.81	China	118.83	31.95	Intermediate	N	CT	G	A	G	A	N
HP125	landrace	7.35	3.56	China	131.04	45.27	Temperate Japonica	N	CT	G	A	G	ATT	N
C135	landrace	8.40	3.20	Sichuan	104.05	30.39	Indica I	N	CT	G	A	A	A	N
HP303	NA	8.29	2.63	China	109.24	24.67	Indica Intermediate	N	CT	G	G	A	A	N
IRIS_313-12063	landrace	9.30	3.50	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	AAGCTGAGCTG
HP300	NA	8.86	3.05	China	116.02	25.89	Indica I	N	CT	G	A	A	A	N
HP361	NA	8.52	2.96	China	106.93	33	Indica I	N	CT	G	A	G	A	N
C111	landrace	7.52	3.67	Yunnan	102.41	25.04	Temperate Japonica	A	CT	G	A	G	ATT	N
HP528	NA	8.79	2.64	China	102.81	23.17	Indica Intermediate	N	CT	G	G	A	A	N
B258	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C171	landrace	8.12	3.42	Jilin	121.5	40.5	Temperate Japonica	N	CT	G	A	G	ATT	A
HP105	landrace	7.35	3.75	China	105.18	25.44	Temperate Japonica	N	CT	G	A	G	ATT	N

HP124	landrace	8.78	3.27	China	114.48	37.05	Temperate Japonica	N	CT	G	A	G	ATT	N
GP500	landrace	6.63	3.21	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	N
GP559	landrace	6.94	3.08	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
HP472	NA	9.36	3.11	China	114.17	30.35	Indica I	N	CT	G	A	G	A	N
IRIS_313-11522	landrace	7.80	3.20	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP363	landrace	8.30	3.15	China	106.95	33.65	Temperate Japonica	N	CT	G	A	N	ATT	A
B134	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-8622	NA	NA	NA	India	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
HP995	landrace	NA	NA	China	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
C054	landrace	8.15	3.50	Zhejiang	120.09	30.14	Temperate Japonica	N	CT	G	A	G	ATT	AAGCTGAGCTG
B057	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	AAGCTGAGCTG
HP185	landrace	8.41	3.01	China	121.13	28.8	Indica I	N	CT	G	A	G	A	N
C131	NA	7.88	3.08	Hubei	114	30	Indica I	N	CT	G	A	G	A	N
B214	cultivar	NA	NA	China	NA	NA	Indica II	T	DEL	T	G	A	A	AAGCTGAGCTG
HP41	cultivar	7.89	3.37	China	110.3	26.37	Intermediate	N	DEL	G	A	A	A	N
HP482	NA	9.61	2.46	China	113.56	29.71	Indica I	N	CT	G	A	A	ATT	N
CX251	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP368	landrace	8.34	3.16	China	112.39	29.37	Indica I	N	CT	G	A	G	A	N
B085	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
C168	cultivar	7.70	3.50	Hunan	113	28.11	Indica Intermediate	N	CT	G	A	A	ATT	N
HP409	landrace	8.69	3.00	China	108.11	27.03	Indica I	N	CT	G	A	G	A	N
HP166	landrace	7.21	3.44	China	106.42	26.35	Temperate Japonica	N	CT	G	A	G	ATT	N
HP540	landrace	NA	NA	China	113.91	25.08	Indica I	N	CT	G	A	G	A	N
GP646	landrace	6.73	3.22	Thailand	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
CX360	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
CX15	cultivar	NA	NA	China	NA	NA	Indica II	T	DEL	T	G	A	ATT	AAGCTGAGCTG
W161	cultivar	8.84	2.87	China	116.4	39.9	Indica II	N	CT	T	G	A	ATT	N
IRIS_313-10171	NA	8.90	3.10	China	NA	NA	Indica I	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-8659	NA	8.70	2.50	Myanmar	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12138	NA	6.50	1.80	Bhutan	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-11927	NA	10.10	3.30	Thailand	NA	NA	Indica III	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11611	landrace	8.80	2.50	Thailand	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	N
HP237	landrace	8.28	3.01	China	115.33	26.32	Indica Intermediate	N	CT	G	A	A	A	N
IRIS_313-8565	landrace	9.00	3.00	Thailand	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-12010	landrace	8.20	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
GP517	landrace	NA	NA	Philippine	NA	NA	Tropical Japonica	A	CT	N	A	A	ATT	A
CX356	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX380	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11885	NA	8.30	2.90	China	NA	NA	Indica I	T	CT	G	A	A	ATT	AAGCTGAGCTG
C061	cultivar	9.68	2.85	Jiangsu	118.5	32.02	Indica II	N	CT	T	G	A	A	N
HP535	NA	8.91	2.71	China	103.86	30.8	Indica I	N	CT	G	G	A	A	N
HP572	landrace	8.66	2.90	China	102.25	29.92	Indica I	N	CT	G	A	A	A	N
HP4	landrace	7.81	3.51	China	120.76	30.77	Temperate Japonica	N	CT	G	A	G	ATT	N
B101	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C188	landrace	7.37	3.52	Guizhou	106.42	26.35	Temperate Japonica	A	CT	G	A	G	ATT	A

HP281	landrace	8.27	3.44	China	108.11	27.03	Indica I	N	CT	G	A	A	A	N
IRIS_313-9404	landrace	NA	NA	Bhutan	NA	NA	Japonica Intermediate	H	CT	G	A	A	ATT	H
HP333	NA	8.79	2.93	China	113.63	28.16	Indica I	N	CT	G	A	G	A	N
HP135	landrace	7.24	3.22	China	120.62	31.32	Temperate Japonica	N	N	G	A	G	ATT	N
HP179	NA	7.97	3.17	China	120.55	27.68	Indica Intermediate	N	CT	G	A	A	ATT	N
HP392	landrace	NA	NA	China	106.9	27.7	Indica I	N	CT	G	A	A	A	N
B133	landrace	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
HP240	landrace	8.26	3.36	China	117.34	23.99	Indica Intermediate	N	CT	G	A	A	ATT	N
HP577	landrace	8.73	2.87	China	106.26	26.42	Indica I	N	N	G	G	A	A	N
HP312	NA	8.93	2.67	China	110.24	21.39	Indica I	N	CT	G	G	A	A	N
HP114	landrace	7.24	3.31	China	104.71	27.13	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-12289	landrace	9.80	3.60	Myanmar	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
HP310	landrace	7.61	3.21	China	110.9	23.36	Indica I	N	CT	G	A	A	A	N
IRIS_313-11955	NA	7.70	3.00	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10840	landrace	6.60	3.30	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-11148	NA	NA	NA	Myanmar	NA	NA	Indica III	T	N	G	A	A	A	A
IRIS_313-8697	NA	9.60	3.10	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
HP253	landrace	8.91	3.22	China	109.91	33.55	Indica I	N	CT	G	A	A	A	N
B161	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	A	ATT	A
C035	landrace	8.60	3.65	Hebei	114.28	38.02	Temperate Japonica	A	CT	G	A	A	ATT	N
W247	landrace	8.28	3.09	Unknown	NA	NA	Indica I	N	CT	G	A	A	A	N
IRIS_313-12065	NA	8.40	3.20	Nigeria	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W270	cultivar	7.68	2.84	Unknown	NA	NA	Indica Intermediate	N	CT	G	G	A	ATT	N
CX118	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
HP589	landrace	8.65	2.97	China	108.11	27.03	Indica I	N	CT	G	A	A	A	N
HP2	landrace	7.64	3.18	China	119.68	30.68	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11735	NA	8.20	2.90	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
IRIS_313-11584	landrace	8.40	3.60	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP317	NA	8.38	3.15	China	118.83	31.95	Indica I	N	CT	G	A	G	ATT	N
B006	NA	NA	NA	Vietnam	NA	NA	Indica Intermediate	T	CT	G	G	A	A	AAGCTGAGCTG
HP326	NA	8.36	3.23	China	104.41	31.64	Indica I	N	CT	G	A	A	A	N
B077	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C201	NA	7.70	3.08	Fujian	119.18	26.05	Indica Intermediate	N	CT	G	A	G	A	N
HP523	NA	8.81	2.67	China	117.35	24.51	Indica Intermediate	N	CT	G	A	A	A	N
HP212	landrace	NA	NA	China	118.18	25.07	Indica Intermediate	N	CT	G	A	A	ATT	N
HP180	NA	NA	NA	China	120.08	27.08	Indica Intermediate	N	CT	N	G	A	ATT	N
CX391	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
IRIS_313-10423	landrace	8.60	2.90	Myanmar	NA	NA	Indica Intermediate	T	CT	G	A	A	A	A
IRIS_313-11149	NA	10.30	2.80	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-12077	landrace	8.30	2.40	Laos	NA	NA	Japonica Intermediate	A	CT	T	A	A	ATT	A
IRIS_313-9891	landrace	7.30	3.30	South Korea	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W125	landrace	8.05	3.02	South Korea	125.47	39	Intermediate	A	CT	G	A	A	ATT	A
GP603	landrace	NA	NA	South Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-9253	cultivar	7.50	3.20	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-10078	landrace	9.10	3.80	Japan	NA	NA	Tropical Japonica	A	CT	G	A	A	ATT	AAGCTGAGCTG

W087	NA	8.33	2.85	China	116.4	39.9	Indica I	T	CT	G	A	A	A	N
HP27	landrace	9.32	3.24	China	120.74	31.64	Temperate Japonica	N	CT	G	A	A	A	N
HP94	landrace	7.33	3.45	China	112.33	37.54	Temperate Japonica	N	CT	G	A	G	ATT	N
HP140	landrace	8.19	3.75	China	121.15	31.89	Temperate Japonica	N	CT	G	A	G	ATT	N
HP55	landrace	8.76	3.24	China	107.94	35.17	Temperate Japonica	N	CT	G	A	G	ATT	N
C070	landrace	7.68	3.78	Jiangsu	118.5	32.02	Temperate Japonica	N	CT	G	A	G	ATT	A
HP117	landrace	7.78	3.55	China	120.29	31.59	Temperate Japonica	N	CT	G	A	G	ATT	N
B224	NA	NA	NA	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
C191	NA	7.77	3.28	Guizhou	106.42	26.35	Indica I	N	CT	G	A	G	A	N
HP457	NA	8.06	2.65	China	112.07	24.59	Indica Intermediate	N	CT	G	A	A	A	N
HP352	NA	8.54	2.63	China	114.28	23.18	Indica Intermediate	N	DEL	G	A	A	A	AAGCTGAGCTG
B055	NA	NA	NA	Australia	NA	NA	Temperate Japonica	A	CT	G	G	G	ATT	A
B043	landrace	NA	NA	Australia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-8164	cultivar	NA	NA	Australia	NA	NA	Temperate Japonica	T	CT	G	G	G	ATT	A
CX395	NA	NA	NA	China	NA	NA	Intermediate	A	CT	T	G	A	ATT	A
IRIS_313-11910	NA	8.80	3.10	China	NA	NA	Indica Intermediate	T	CT	G	A	G	A	AAGCTGAGCTG
CX123	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-12011	NA	8.40	2.70	China	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX16	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W162	landrace	6.91	3.43	China	116.4	39.9	Temperate Japonica	A	CT	G	A	G	ATT	A
B269	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX330	cultivar	NA	NA	Japan	NA	NA	Temperate Japonica	T	CT	G	A	G	ATT	A
CX390	landrace	NA	NA	China	NA	NA	Indica I	T	CT	G	G	G	ATT	AAGCTGAGCTG
GP557	landrace	6.93	3.12	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
W163	cultivar	7.94	2.56	Guangdong	113.15	23.08	Indica Intermediate	T	CT	G	G	A	A	N
CX17	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	N	G	G	A	A	AAGCTGAGCTG
HP136	landrace	7.44	3.78	China	120.29	31.59	Temperate Japonica	N	CT	G	A	G	ATT	N
HP506	NA	7.80	3.29	China	111.69	29.05	Indica I	N	CT	G	A	A	A	N
CX115	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	G	G	A	AAGCTGAGCTG
IRIS_313-11911	NA	8.40	3.10	China	NA	NA	Indica I	T	CT	G	A	G	ATT	AAGCTGAGCTG
CX345	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
W207	landrace	8.07	3.56	yunnan	102.41	25.04	Temperate Japonica	A	CT	G	A	G	ATT	A
CX56	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
W267	cultivar	8.84	2.68	China	116.4	39.9	Indica Intermediate	N	CT	T	G	A	A	AAGCTGAGCTG
W266	landrace	7.41	2.49	Unknown	NA	NA	Indica III	N	CT	G	G	A	A	AAGCTGAGCTG
IRIS_313-12061	landrace	6.20	3.00	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX355	landrace	NA	NA	China	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
CX359	landrace	NA	NA	China	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
HP374	NA	8.26	2.90	China	107.32	33.16	Indica I	N	CT	G	G	A	A	N
HP405	landrace	8.43	2.99	China	106.04	27.03	Indica I	N	CT	G	A	A	A	N
HP369	landrace	8.75	3.28	China	104.41	31.64	Indica I	N	CT	G	A	G	A	N
B136	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	DEL	G	A	G	ATT	A
C103	landrace	8.05	3.92	Yunnan	102.41	25.04	Temperate Japonica	A	CT	G	A	G	ATT	A
C196	landrace	8.23	3.95	Yunnan	102.41	25.04	Temperate Japonica	N	CT	G	A	G	ATT	A
CX362	cultivar	NA	NA	None	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG

CX363	NA	NA	NA	None	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
B049	landrace	NA	NA	Nepal	NA	NA	Aus	T	CT	G	A	A	ATT	AAGCTGAGCTG
IRIS_313-10753	cultivar	8.50	3.00	United States	NA	NA	Indica II	T	CT	T	A	A	A	AAGCTGAGCTG
IRIS_313-11438	NA	9.90	2.50	Mexico	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
CX131	NA	NA	NA	Myanmar	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
IRIS_313-11107	landrace	8.80	3.40	Liberia	NA	NA	Tropical Japonica	A	CT	T	G	A	ATT	A
IRIS_313-12012	landrace	8.50	3.00	China	NA	NA	Indica I	T	CT	G	A	G	A	AAGCTGAGCTG
HP579	landrace	8.99	2.85	China	105.62	25.94	Indica I	N	CT	G	A	G	A	N
HP28	landrace	8.59	3.25	China	119.82	31.36	Temperate Japonica	N	CT	G	A	G	ATT	N
HP598	NA	8.70	3.13	China	108.72	27.21	Indica I	N	CT	G	A	G	A	N
HP285	landrace	8.53	3.13	China	112.88	33.74	Indica I	N	CT	G	G	G	ATT	N
HP226	NA	7.99	2.97	China	121.3	25.03	Indica I	N	CT	G	G	A	ATT	N
HP458	NA	8.13	3.15	China	113.14	23.08	Indica I	N	CT	G	A	A	A	N
HP229	landrace	8.36	3.12	China	115.55	28.4	Indica I	N	CT	G	A	A	A	N
HP521	landrace	8.16	3.03	China	118.18	25.07	Indica Intermediate	N	CT	G	G	A	A	N
HP220	NA	8.80	3.08	China	113.01	23.7	Indica Intermediate	N	CT	G	A	A	ATT	N
HP500	landrace	8.51	2.94	China	112.59	28.12	Indica I	N	CT	G	A	A	A	N
HP279	landrace	8.38	2.93	China	108.32	26.68	Indica I	N	CT	G	A	A	A	N
B003	landrace	NA	NA	China	NA	NA	Japonica Intermediate	A	CT	G	A	G	ATT	A
C048	landrace	7.95	3.70	Hunan	113	28.11	Temperate Japonica	N	CT	G	A	G	ATT	A
B152	landrace	NA	NA	China	NA	NA	Temperate Japonica	H	CT	G	A	A	ATT	A
C163	NA	9.78	2.88	Guangxi	108.2	22.48	Indica II	N	CT	G	A	A	A	N
B123	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
HP495	NA	NA	NA	China	113.91	25.08	Indica Intermediate	N	CT	G	A	A	A	N
W164	NA	8.89	2.63	Unknown	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
C203	cultivar	7.73	3.03	Anhui	117.18	37.51	Indica I	N	CT	G	A	A	A	N
CX18	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	A
B126	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
HP543	landrace	8.25	3.04	China	112.33	28.6	Indica I	N	CT	G	A	A	A	N
IRIS_313-11210	NA	8.60	3.40	Bangladesh	NA	NA	Aus	T	CT	G	A	G	A	A
C136	landrace	8.55	3.07	Guizhou	106.42	26.35	Indica I	N	CT	G	A	A	ATT	N
IRIS_313-11150	NA	NA	NA	Myanmar	NA	NA	Indica III	T	CT	T	G	A	A	AAGCTGAGCTG
IRIS_313-11813	NA	9.80	2.70	Kenya	NA	NA	Indica III	T	N	T	G	A	ATT	AAGCTGAGCTG
CX305	NA	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	ATT	AAGCTGAGCTG
HP22	landrace	8.38	3.30	China	116.57	34.79	Temperate Japonica	N	CT	G	A	G	ATT	N
HP272	landrace	6.97	3.55	China	106.59	26.84	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11968	cultivar	7.90	3.10	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
GP609	landrace	6.49	3.13	Japan	NA	NA	Temperate Japonica	N	CT	G	N	G	ATT	N
GP623	landrace	6.98	3.03	Japan	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
HP165	landrace	7.08	3.81	China	107.79	26.21	Temperate Japonica	N	N	N	A	G	ATT	A
HP170	landrace	NA	NA	China	87.36	43.45	Temperate Japonica	N	N	G	A	G	ATT	N
HP142	landrace	7.86	3.34	China	120.13	33.38	Temperate Japonica	N	CT	G	A	G	ATT	N
HP993	cultivar	NA	NA	China	NA	NA	Indica I	N	CT	G	A	A	A	N
HP34	landrace	7.14	3.45	China	113.8	29.23	Temperate Japonica	N	CT	G	A	G	ATT	N
B239	NA	NA	NA	China	NA	NA	Indica I	T	CT	N	A	G	A	AAGCTGAGCTG

HP306	NA	8.41	2.36	China	113.63	28.16	Indica Intermediate	N	CT	G	G	A	A	N
B047	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	H	CT	G	A	G	ATT	A
B240	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	DEL	T	A	G	ATT	A
CX133	NA	NA	NA	China	NA	NA	Indica I	T	N	G	A	A	A	AAGCTGAGCTG
C175	NA	9.52	2.75	Jiangsu	118.5	32.02	Indica Intermediate	N	CT	T	G	A	A	N
C145	NA	8.03	3.37	Zhejiang	120.09	30.14	Indica I	N	DEL	G	A	A	A	N
C024	NA	8.23	3.33	Jiangxi	115.52	28.41	Indica I	T	N	G	A	A	A	N
HP251	landrace	8.05	2.68	China	111.28	26.41	Indica I	N	CT	G	A	A	A	N
HP99	landrace	7.14	3.68	China	127.27	42.33	Temperate Japonica	N	CT	G	A	G	ATT	N
W165	cultivar	7.77	3.19	Zhejiang	120.09	30.14	Indica Intermediate	T	CT	G	A	A	ATT	N
CX19	cultivar	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	ATT	AAGCTGAGCTG
W208	cultivar	7.57	3.71	Unknown	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX57	cultivar	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
C149	landrace	8.40	3.37	Beijing	116.28	39.54	Temperate Japonica	A	CT	G	A	G	ATT	A
HP990	landrace	NA	NA	China	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
C172	landrace	7.70	3.55	Beijing	116.28	39.54	Temperate Japonica	N	CT	G	A	G	ATT	A
CX348	cultivar	NA	NA	China	NA	NA	Indica II	T	CT	T	G	A	A	AAGCTGAGCTG
B235	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
CX548	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	N
HP63	landrace	8.53	3.05	China	103.79	25.51	Intermediate	N	N	G	A	G	ATT	N
C034	landrace	8.45	3.45	Shanxi	112.34	37.52	Temperate Japonica	N	CT	G	A	G	ATT	N
C193	NA	7.53	3.15	Sichuan	104.05	30.39	Indica I	N	CT	G	A	A	A	N
B087	landrace	NA	NA	China	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
W166	cultivar	8.17	3.03	Zhejiang	120.09	30.14	Indica Intermediate	T	CT	G	A	A	A	A
CX221	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	G	A	A	AAGCTGAGCTG
HP173	landrace	7.16	4.07	China	102.42	25.04	Temperate Japonica	N	CT	G	A	G	ATT	N
HP381	NA	8.43	3.06	China	115.98	39.48	Intermediate	N	CT	G	A	G	ATT	N
HP450	NA	8.37	2.92	China	118.02	27.76	Indica Intermediate	N	CT	G	A	G	A	N
HP121	landrace	NA	NA	China	113.14	23.08	Indica Intermediate	N	CT	G	G	A	A	N
HP129	landrace	8.59	3.47	China	114.83	31.62	Temperate Japonica	N	CT	G	A	G	ATT	N
B168	landrace	NA	NA	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
B248	cultivar	NA	NA	China	NA	NA	Indica I	T	CT	G	A	A	A	AAGCTGAGCTG
C159	cultivar	8.40	3.30	Hunan	113	28.11	Indica I	N	CT	G	A	A	A	AAGCTGAGCTG
CX315	cultivar	NA	NA	North Korea	NA	NA	Temperate Japonica	T	CT	N	A	G	ATT	A
W167	cultivar	8.43	2.91	Anhui	117.18	37.51	Indica Intermediate	N	CT	G	A	A	A	N
CX20	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	G	A	A	A	AAGCTGAGCTG
W324	landrace	8.83	3.76	Guizhou	106.42	26.35	Japonica Intermediate	A	CT	T	A	A	ATT	A
B111	landrace	NA	NA	China	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
B090	NA	NA	NA	China	NA	NA	Indica Intermediate	T	CT	T	A	A	A	AAGCTGAGCTG
B094	NA	NA	NA	China	NA	NA	Indica I	T	CT	T	A	A	ATT	AAGCTGAGCTG
C198	NA	8.23	3.13	Yunnan	102.41	25.04	Indica Intermediate	N	CT	T	A	A	A	N
IRIS_313-11453	NA	8.10	2.40	India	NA	NA	Indica III	T	CT	G	G	A	A	AAGCTGAGCTG
GP598	landrace	7.26	3.45	South Korea	NA	NA	Temperate Japonica	N	CT	G	A	G	ATT	N
IRIS_313-11035	NA	10.00	2.10	Pakistan	NA	NA	Indica Intermediate	T	CT	G	G	A	ATT	AAGCTGAGCTG
CX108	landrace	NA	NA	India	NA	NA	Indica Intermediate	T	CT	N	A	A	N	AAGCTGAGCTG

W255	landrace	10.03	1.96	India	77.2	28.6	VI/Aromatic	N	CT	T	A	G	ATT	A
IRIS_313-11528	NA	9.60	3.00	Ivory Coast	NA	NA	Indica III	T	CT	T	A	A	ATT	AAGCTGAGCTG
IRIS_313-11725	landrace	7.70	3.40	Japan	NA	NA	Temperate Japonica	A	CT	G	A	G	ATT	A
HP12	landrace	9.46	3.25	China	117.97	40.2	Temperate Japonica	N	CT	G	A	N	ATT	N

^aAll genotypes, locations and subpopulation informations of 4726 accessions were downloaded from <http://ricevarmap.ncpgr.cn/v2/>. (Zhao et al. Nucleic Acids Research, 2014)

^bThe subspecies results were inferred appropriateely based on the plant height, the functional markers and the information from Zhao et al. Nucleic Acids Research, 2014.

^cThe data of grain length and width were integrated from Huang et al. Nature, 2012, the 3000-genome project and our own data of 533 accessions.

All the genome coordinates of the genes were based on the assembly release version 7.0 of genomic pseudomolecules of japonica cv. Nipponbare matained by Michigan State University.