

Supplementary Data:

Suppl Table S1—Accession number and of genotypes of glutinous rice used in the study

No.	Germplasm	Local/HYV /Improved	Place of collection	No.	Germplasm	Local/HYV /Improved	Place of collection
1	BokulBora	Local,Indica	ICR Farm,AAU,Jorhat, Brahmaputra valley	70	KmjBora65	Local,Indica	RARS,Karimganj, Barak valley
2	Ranjit	HYV	ICR Farm,AAU,Jorhat	71	KmjBora69	Local,Indica	RARS,Karimganj, Barak valley
3	Mahsuri	HYV	ICR Farm,AAU,Jorhat	72	KmjBora72	Local,Indica	RARS,Karimganj, Barak valley
4	RikutoNorinMochi20	Japonica	IRRI, Philippines	73	KmjBora74	Local,Indica	RARS,Karimganj, Barak valley
5	MalagkitSongsong	Japonica	IRRI, Philippines	74	KmjBora79	Local,Indica	RARS,Karimganj, Barak valley
6	MiyagiAikuu	Japonica	IRRI, Philippines	75	KmjBora76	Local,Indica	RARS,Karimganj, Barak valley
7	IR36	Japonica	IRRI, Philippines	76	KmjBora80	Local,Indica	RARS,Karimganj, Barak valley
8	Pyedo	Japonica	IRRI, Philippines	77	KmjBora86	Local,Indica	RARS,Karimganj, Barak valley
9	HaoNaiHuan	Japonica	IRRI, Philippines	78	KmjBora89	Local,Indica	RARS,Karimganj, Barak valley
10	C101	Japonica	IRRI, Philippines	79	KmjBora90	Local,Indica	RARS,Karimganj, Barak valley
11	GuadNang	Japonica	IRRI, Philippines	80	KmjBora91	Local,Indica	RARS,Karimganj, Barak valley
12	LalBiroin	Local,Indica	RARS,Karimganj, Barak valley	81	KmjBora92	Local,Indica	RARS,Karimganj, Barak valley
13	TileshBiroin	Local,Indica	RARS,Karimganj, Barak valley	82	LothowBora	Local,Indica	RARS,Titabar,Brahmaputra valley
14	PakhoriBora	Local,Indica	RARS,Lakhimpur, Brahmaputra valley	83	MonBora1	Local,Indica	RARS,Titabar,Brahmaputra valley
15	TilBora	Local,Indica	RARS,Lakhimpur, Brahmaputra valley	84	MonBora2	Local,Indica	RARS,Titabar,Brahmaputra valley
16	BokaBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	85	MonBora3	Local,Indica	RARS,Titabar,Brahmaputra valley
17	BongaBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	86	MalbhogBora1	Local,Indica	RARS,Titabar,Brahmaputra valley
18	Bora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	87	MalbhogBora2	Local,Indica	RARS,Titabar,Brahmaputra valley
19	DohaBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	88	MemonBora	Local,Indica	RARS,Titabar,Brahmaputra valley
20	KatiBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	89	MikirBora	Local,Indica	RARS,Titabar,Brahmaputra valley
21	ManipurMam	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	90	ManipuriBora	Local,Indica	RARS,Titabar,Brahmaputra valley
22	MugaBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	91	MougutiBora	Local,Indica	RARS,Titabar,Brahmaputra valley
23	XuagmoniBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	92	MisiriBora	Local,Indica	RARS,Titabar,Brahmaputra valley
24	BokaChakuwa	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	93	NogajohaBora	Local,Indica	RARS,Titabar,Brahmaputra valley
25	ChakuwaBlack	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	94	NarulBora	Local,Indica	RARS,Titabar,Brahmaputra valley
26	DaChakuwa	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	95	NashinggetiBora	Local,Indica	RARS,Titabar,Brahmaputra valley
27	MoinaBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	96	NeoliBora	Local,Indica	RARS,Titabar,Brahmaputra valley
28	MoumohaBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	97	NolchutiaBora	Local,Indica	RARS,Titabar,Brahmaputra valley
29	TemaiBora	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	98	NolBora	Local,Indica	RARS,Titabar,Brahmaputra valley
30	RongaPekhi	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	99	ParoChakuwa	Local,Indica	RARS,Titabar,Brahmaputra valley

(Contd.)

Suppl Table S1—Accession number and of genotypes of glutinous rice used in the study (*Contd.*)

No.	Germplasm	Local/HYV /Improved	Place of collection	No.	Germplasm	Local/HYV /Improved	Place of collection
31	MuninKichi	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	100	PokorKolaBora	Local,Indica	RARS, Titabar, Brahmaputra valley
32	Sigan	Local,Indica	Duliajan , Tinsukia district, Brahmaputra valley	101	PoitaBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
33	KolaBora4	Local,Indica	RARS, Titabar, Brahmaputra valley	102	PoitaBora2	Local,Indica	RARS, Titabar, Brahmaputra valley
34	KolaBora5	Local,Indica	RARS, Titabar, Brahmaputra valley	103	PakhilogaBora	Local,Indica	RARS, Titabar, Brahmaputra valley
35	KolaAmpakhi	Local,Indica	RARS, Titabar, Brahmaputra valley	104	PakhoriBora	Local,Indica	RARS, Titabar, Brahmaputra valley
36	KmjBora1	Local,Indica	RARS, Karimganj, Barak valley	105	RongaBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
37	KmjBora2	Local,Indica	RARS, Karimganj, Barak valley	106	RongaBora2	Local,Indica	RARS, Titabar, Brahmaputra valley
38	KmjBora5	Local,Indica	RARS, Karimganj, Barak valley	107	RongaBora3	Local,Indica	RARS, Titabar, Brahmaputra valley
39	KmjBora8	Local,Indica	RARS, Karimganj, Barak valley	108	RongaBora4	Local,Indica	RARS, Titabar, Brahmaputra valley
40	KmjBora9	Local,Indica	RARS, Karimganj, Barak valley	109	RongaBora5	Local,Indica	RARS, Titabar, Brahmaputra valley
41	KmjBora10	Local,Indica	RARS, Karimganj, Barak valley	110	RongaBora6	Local,Indica	RARS, Titabar, Brahmaputra valley
42	KmjBora11	Local,Indica	RARS, Karimganj, Barak valley	111	RupohiBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
43	KmjBora13	Local,Indica	RARS, Karimganj, Barak valley	112	RupohiBora2	Local,Indica	RARS, Titabar, Brahmaputra valley
44	KmjBora16	Local,Indica	RARS, Karimganj, Barak valley	113	RajatBora	Local,Indica	RARS, Titabar, Brahmaputra valley
45	KmjBora19	Local,Indica	RARS, Karimganj, Barak valley	114	SantiBokaBora	Local,Indica	RARS, Titabar, Brahmaputra valley
46	KmjBora21	Local,Indica	RARS, Karimganj, Barak valley	115	SikoraBora	Local,Indica	RARS, Titabar, Brahmaputra valley
47	KmjBora25	Local,Indica	RARS, Karimganj, Barak valley	116	SaruBora	Local,Indica	RARS, Titabar, Brahmaputra valley
48	KmjBora26	Local,Indica	RARS, Karimganj, Barak valley	117	SoraiBhanuBora	Local,Indica	RARS, Titabar, Brahmaputra valley
49	KmjBora27	Local,Indica	RARS, Karimganj, Barak valley	118	SilatikaBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
50	KmjBora31	Local,Indica	RARS, Karimganj, Barak valley	119	Sontuki	Local,Indica	RARS, Titabar, Brahmaputra valley
51	KmjBora33	Local,Indica	RARS, Karimganj, Barak valley	120	SaudangBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
52	KmjBora34	Local,Indica	RARS, Karimganj, Barak valley	121	SaudangBora2	Local,Indica	RARS, Titabar, Brahmaputra valley
53	KmjBora35	Local,Indica	RARS, Karimganj, Barak valley	122	SukoniBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
54	KmjBora36	Local,Indica	RARS, Karimganj, Barak valley	123	SukoniBora2	Local,Indica	RARS, Titabar, Brahmaputra valley
55	KmjBora40	Local,Indica	RARS, Karimganj, Barak valley	124	SaukhaBora	Local,Indica	RARS, Titabar, Brahmaputra valley
56	KmjBora44	Local,Indica	RARS, Karimganj, Barak valley	125	SingphowBora	Local,Indica	RARS, Titabar, Brahmaputra valley
57	KmjBora47	Local,Indica	RARS, Karimganj, Barak valley	126	TangunBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
58	KmjBora48	Local,Indica	RARS, Karimganj, Barak valley	127	TangunBora2	Local,Indica	RARS, Titabar, Brahmaputra valley
59	KmjBora49	Local,Indica	RARS, Karimganj, Barak valley	128	TangunBora3	Local,Indica	RARS, Titabar, Brahmaputra valley
60	KmjBora50	Local,Indica	RARS, Karimganj, Barak valley	129	TilBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
61	KmjBora51	Local,Indica	RARS, Karimganj, Barak valley	130	TilBora2	Local,Indica	RARS, Titabar, Brahmaputra valley
62	KmjBora52	Local,Indica	RARS, Karimganj, Barak valley	131	TitaPhuliaBora1	Local,Indica	RARS, Titabar, Brahmaputra valley
63	KmjBora54	Local,Indica	RARS, Karimganj, Barak valley	132	TitaPhuliaBora2	Local,Indica	RARS, Titabar, Brahmaputra valley
64	KmjBora56	Local,Indica	RARS, Karimganj, Barak valley	133	TitaPhuliaBora3	Local,Indica	RARS, Titabar, Brahmaputra valley
65	KmjBora57	Local,Indica	RARS, Karimganj, Barak valley	134	ThopaBora	Local,Indica	RARS, Titabar, Brahmaputra valley
66	KmjBora61	Local,Indica	RARS, Karimganj, Barak valley	135	TilKochuBora	Local,Indica	RARS, Titabar, Brahmaputra valley
67	KmjBora62	Local,Indica	RARS, Karimganj, Barak valley	136	TuloxeeBora	Local,Indica	RARS, Titabar, Brahmaputra valley
68	KmjBora63	Local,Indica	RARS, Karimganj, Barak valley	137	KukiBora	Local,Indica	RARS, Titabar, Brahmaputra valley
69	KmjBora64	Local,Indica	RARS, Karimganj, Barak valley	138	Khurpi	Local,Indica	RARS, Titabar, Brahmaputra valley

Suppl Table S2—Details of SSR markers used and their genetic diversity parameters.

SSR	Size rangeed	Na				Ne				He				I				Ho			
		Japonica	Karimganj	Brahmaputra	Overall	Japonica	Karimganj	Brahmaputra	Overall	Japonica	Karimganj	Brahmaputra	Overall	Japonica	Karimganj	Brahmaputra	Overall	Japonica	Karimganj	Brahmaputra	Overall
RM541	156-192	4.000	5.000	5.000	5.000	0.778	1.700	1.897	1.864	0.286	0.412	0.473	0.464	0.999	1.182	1.170	1.300	0.000	0.012	0.180	0.190
RM423	270-294	4.000	5.000	5.000	5.000	0.778	1.700	1.897	1.864	0.286	0.412	0.473	0.464	0.999	1.182	1.170	1.300	0.020	0.000	0.080	0.100
RM424	239-290	4.000	9.000	7.000	9.000	0.720	1.008	0.993	1.032	0.389	0.008	0.007	0.031	1.011	1.814	1.449	1.841	0.000	0.000	0.000	0.000
RM21	132-170	4.000	9.000	7.000	9.000	0.720	1.008	0.993	1.032	0.389	0.008	0.007	0.031	1.011	1.814	1.449	1.841	0.030	0.000	0.000	0.030
RM144	214-255	4.000	5.000	4.000	6.000	1.815	1.051	0.777	1.096	0.449	0.049	0.287	0.088	1.239	1.202	0.960	1.387	0.000	0.000	0.050	0.060
RM20A	162-198	4.000	5.000	4.000	6.000	1.815	1.051	0.777	1.096	0.449	0.049	0.287	0.088	1.239	1.202	0.960	1.387	0.000	0.000	0.000	0.000
RM19	219-252	2.000	7.000	6.000	7.000	2.000	1.011	1.139	1.162	0.500	0.011	0.122	0.139	0.693	1.581	1.288	1.549	0.000	0.000	0.000	0.000
RM25	130-158	2.000	7.000	6.000	7.000	2.000	1.011	1.139	1.162	0.500	0.011	0.122	0.139	0.693	1.581	1.288	1.549	0.000	0.000	0.000	0.000
RM72	152-198	4.000	5.000	5.000	6.000	1.815	0.935	0.634	0.846	0.449	0.070	0.578	0.182	1.239	1.123	0.583	1.064	0.000	0.000	0.090	0.080
RM339	142-160	4.000	5.000	5.000	6.000	1.815	0.935	0.634	0.846	0.449	0.070	0.578	0.182	1.239	1.123	0.583	1.064	0.000	0.009	0.110	0.120
RM231	169-191	4.000	4.000	5.000	5.000	1.441	1.026	1.216	1.188	0.306	0.025	0.178	0.158	1.234	1.165	1.315	1.338	0.010	0.014	0.100	0.100
RM218	120-148	4.000	4.000	5.000	5.000	1.441	1.026	1.216	1.188	0.306	0.025	0.178	0.158	1.234	1.165	1.315	1.338	0.000	0.000	0.070	0.070
RM55	217-235	4.000	5.000	5.000	5.000	1.581	1.667	1.004	1.503	0.367	0.400	0.004	0.335	1.154	1.396	1.480	1.545	0.000	0.000	0.000	0.000
RM149	243-303	4.000	5.000	5.000	5.000	1.581	1.667	1.004	1.503	0.367	0.400	0.004	0.335	1.154	1.396	1.480	1.545	0.000	0.000	0.070	0.080
RM264	148-178	5.000	7.000	4.000	8.000	0.803	1.354	1.170	1.239	0.245	0.261	0.145	0.193	1.197	1.532	0.960	1.349	0.000	0.012	0.110	0.120
RM14	174-191	5.000	7.000	4.000	8.000	0.803	1.354	1.170	1.239	0.245	0.261	0.145	0.193	1.197	1.532	0.960	1.349	0.000	0.000	0.000	0.000
RM169	164-194	3.000	5.000	7.000	7.000	0.860	1.201	1.409	1.323	0.163	0.167	0.290	0.244	0.716	1.186	1.659	1.542	0.000	0.019	0.090	0.090
RM430	141-181	3.000	5.000	7.000	7.000	0.860	1.201	1.409	1.323	0.163	0.167	0.290	0.244	0.716	1.186	1.659	1.542	0.000	0.000	0.000	0.000
RM182	336-346	3.000	6.000	6.000	7.000	0.961	1.012	0.875	0.991	0.041	0.011	0.143	0.009	0.556	1.277	1.503	1.568	0.010	0.000	0.000	0.000
RM320	153-254	3.000	6.000	6.000	7.000	0.961	1.012	0.875	0.991	0.041	0.011	0.143	0.009	0.556	1.277	1.503	1.568	0.000	0.000	0.100	0.100
RM234	133-163	4.000	4.000	5.000	5.000	1.286	1.199	1.048	1.146	0.222	0.166	0.046	0.127	1.048	1.047	1.226	1.195	0.000	0.000	0.000	0.000
RM162	217-239	4.000	4.000	5.000	5.000	1.286	1.199	1.048	1.146	0.222	0.166	0.046	0.127	1.048	1.047	1.226	1.195	0.000	0.008	0.110	0.110
RM247	130-176	3.000	4.000	4.000	4.000	0.961	1.606	1.656	1.634	0.041	0.377	0.396	0.388	0.556	1.250	1.079	1.181	0.000	0.000	0.000	0.000
RM12	162-184	3.000	4.000	4.000	4.000	0.961	1.606	1.656	1.634	0.041	0.377	0.396	0.388	0.556	1.250	1.079	1.181	0.000	0.000	0.000	0.000
RM252	196-262	2.000	5.000	5.000	5.000	1.960	1.391	1.034	1.243	0.490	0.281	0.033	0.196	0.683	1.057	1.241	1.244	0.000	0.000	0.000	0.000
RM566	230-306	2.000	5.000	5.000	5.000	1.960	1.391	1.034	1.243	0.490	0.281	0.033	0.196	0.683	1.057	1.241	1.244	0.000	0.040	0.080	0.080
RM257	121-173	3.000	5.000	6.000	6.000	1.786	1.523	1.209	1.407	0.440	0.343	0.173	0.289	0.995	1.110	1.435	1.338	0.000	0.024	0.058	0.060
RM278	131-146	3.000	5.000	6.000	6.000	1.786	1.523	1.209	1.407	0.440	0.343	0.173	0.289	0.995	1.110	1.435	1.338	0.000	0.000	0.000	0.000
RM3	118-148	2.000	4.000	4.000	4.000	1.690	1.735	1.283	1.632	0.408	0.424	0.221	0.387	0.598	1.277	1.072	1.216	0.000	0.000	0.000	0.000
RM9	124-194	2.000	4.000	4.000	4.000	1.690	1.735	1.283	1.632	0.408	0.424	0.221	0.387	0.598	1.277	1.072	1.216	0.000	0.000	0.000	0.000
RM206	128-202	4.000	5.000	5.000	6.000	0.845	1.033	1.524	1.349	0.184	0.032	0.344	0.259	0.994	1.434	1.385	1.601	0.000	0.018	0.100	0.120

(Contd.)

Suppl Table S2—Details of SSR markers used and their genetic diversity parameters (*Contd.*).

	Size ranged	Na				Ne				He				I				Ho			
		Japonica	Karimganj	Brahmaputra	Overall	Japonica	Karimganj	Brahmaputra	Overall	Japonica	Karimganj	Brahmaputra	Overall	Japonica	Karimganj	Brahmaputra	Overall	Japonica	Karimganj	Brahmaputra	Overall
RM400	195-321	4.000	5.000	5.000	6.000	0.845	1.033	1.524	1.349	0.184	0.032	0.344	0.259	0.994	1.434	1.385	1.601	0.000	0.000	0.000	0.000
RM241	102-142	2.000	7.000	7.000	8.000	1.385	1.145	0.868	1.154	0.278	0.127	0.153	0.133	0.451	1.641	1.209	1.657	0.000	0.000	0.000	0.000
RM286	99-128	2.000	7.000	7.000	8.000	1.385	1.145	0.868	1.154	0.278	0.127	0.153	0.133	0.451	1.641	1.209	1.657	0.000	0.000	0.000	0.000
RM536	219-243	2.000	5.000	5.000	5.000	1.800	1.165	0.898	1.080	0.444	0.142	0.114	0.074	0.637	1.165	1.051	1.183	0.000	0.000	0.000	0.000
RM209	127-165	2.000	5.000	5.000	5.000	1.800	1.165	0.898	1.080	0.444	0.142	0.114	0.074	0.637	1.165	1.051	1.183	0.000	0.000	0.000	0.000
RM23	134-150	2.000	5.000	8.000	9.000	1.690	1.040	0.845	1.105	0.408	0.039	0.184	0.095	0.598	1.217	1.778	1.852	0.000	0.000	0.000	0.000
RM552	127-165	2.000	5.000	8.000	9.000	1.690	1.040	0.845	1.105	0.408	0.039	0.184	0.095	0.598	1.217	1.778	1.852	0.000	0.000	0.000	0.000
RM153	189-204	3.000	5.000	4.000	5.000	1.290	1.865	1.374	1.593	0.225	0.464	0.272	0.372	0.688	1.349	1.304	1.369	0.000	0.070	0.100	0.100
RM592	210-400	3.000	5.000	4.000	5.000	1.290	1.865	1.374	1.593	0.225	0.464	0.272	0.372	0.688	1.349	1.304	1.369	0.000	0.060	0.130	0.130
RM249	120-146	3.000	4.000	6.000	6.000	1.441	0.847	1.110	1.082	0.306	0.181	0.099	0.075	1.046	0.918	1.356	1.357	0.000	0.000	0.000	0.000
RM422	350-389	3.000	4.000	6.000	6.000	1.441	0.847	1.110	1.082	0.306	0.181	0.099	0.075	1.046	0.918	1.356	1.357	0.001	0.000	0.000	0.000
RM307	124-176	4.000	6.000	7.000	7.000	1.161	0.872	1.036	1.006	0.139	0.147	0.034	0.006	1.115	1.413	1.585	1.603	0.000	0.000	0.000	0.000
RM518	153-187	4.000	6.000	7.000	7.000	1.161	0.872	1.036	1.006	0.139	0.147	0.034	0.006	1.115	1.413	1.585	1.603	0.000	0.000	0.000	0.000
RM142	235-238	5.000	5.000	6.000	7.000	1.087	1.155	0.750	1.040	0.080	0.134	0.333	0.038	1.511	1.296	1.189	1.616	0.000	0.080	0.100	0.100
RM152	142-157	5.000	5.000	6.000	7.000	1.087	1.155	0.750	1.040	0.080	0.134	0.333	0.038	1.511	1.296	1.189	1.616	0.000	0.090	0.100	0.100
RM258	133-152	2.000	4.000	5.000	5.000	1.960	1.856	1.425	1.757	0.490	0.461	0.298	0.431	0.683	1.209	1.604	1.461	0.000	0.000	0.000	0.000
RM171	318-343	2.000	4.000	5.000	5.000	1.960	1.856	1.425	1.757	0.490	0.461	0.298	0.431	0.683	1.209	1.604	1.461	0.000	0.000	0.000	0.000
RM475	188-235	5.000	8.000	7.000	10.000	1.140	1.177	1.010	1.168	0.122	0.151	0.010	0.144	1.324	1.890	1.658	2.057	0.000	0.000	0.000	0.000
RM251	114-150	5.000	8.000	7.000	10.000	1.140	1.177	1.010	1.168	0.122	0.151	0.010	0.144	1.324	1.890	1.658	2.057	0.003	0.000	0.090	0.090
RM282	128-136	2.000	5.000	6.000	6.000	0.925	1.090	1.302	1.194	0.082	0.082	0.232	0.163	0.358	1.231	1.657	1.476	0.000	0.000	0.000	0.000
RM143	195-207	2.000	5.000	6.000	6.000	0.925	1.090	1.302	1.194	0.082	0.082	0.232	0.163	0.358	1.231	1.657	1.476	0.000	0.000	0.000	0.000
RM600	208-247	3.000	6.000	6.000	7.000	1.500	1.069	0.805	0.947	0.333	0.065	0.242	0.056	1.003	1.584	1.503	1.668	0.000	0.050	0.070	0.080
RM24	152-198	3.000	6.000	6.000	7.000	1.500	1.069	0.805	0.947	0.333	0.065	0.242	0.056	1.003	1.584	1.503	1.668	0.000	0.070	0.090	0.090
RM154	165-199	4.000	4.000	5.000	5.000	1.815	1.594	1.628	1.648	0.449	0.372	0.386	0.393	1.239	1.381	1.567	1.529	0.000	0.090	0.090	0.100
RM205	123-161	4.000	4.000	5.000	5.000	1.815	1.594	1.628	1.648	0.449	0.372	0.386	0.393	1.239	1.381	1.567	1.529	0.000	0.000	0.000	0.000
RM474	226-256	4.000	6.000	5.000	6.000	1.633	0.948	1.120	1.116	0.388	0.055	0.107	0.104	1.319	1.032	1.034	1.190	0.000	0.000	0.000	0.000
RM222	199-215	4.000	6.000	5.000	6.000	1.633	0.948	1.120	1.116	0.388	0.055	0.107	0.104	1.319	1.032	1.034	1.190	0.000	0.000	0.000	0.000
RM311	164-186	3.000	5.000	5.000	6.000	1.500	1.101	0.777	0.940	0.333	0.092	0.288	0.064	1.003	1.041	1.054	1.186	0.000	0.000	0.000	0.000
RM276	85-153	3.000	5.000	5.000	6.000	1.500	1.101	0.777	0.940	0.333	0.092	0.288	0.064	1.003	1.041	1.054	1.186	0.000	0.070	0.100	0.100