Genotype data of Backcross Inbred Lines (BILs) from Nipponbare/Koshihikari//Koshihikari

May7,2007

marker	chr.	Position (Mb) build 4	BIL601	BIL602	BIL603	BIL604	BIL605	BIL606	BIL607	BIL608	BIL609	BIL610	BIL611	BIL612	BIL613	BIL614	BIL615	BIL616	BIL617	BIL618	BIL619	BIL620	BIL621	BIL622	BIL623	BIL624	BIL625	BIL626	BIL627	BIL628	BIL629	BIL630	BIL631	BIL632	BIL633	BIL634	BIL635	BIL636	BIL637	BIL638	BIL639	BIL640	BIL641	BIL642	BIL643	BIL644	BIL645	BIL646	BIL647	BIL648	BIL649	BIL650	BIL651	BIL652	BIL653	BIL654	BIL655	BIL656	BIL657	BIL658	BIL659	BIL660	BIL661	BIL662	BIL663	BIL664	BIL665	BIL666	BIL667	BIL668	BIL669	BIL670	BIL671	BIL672	BIL673	BIL674	BIL675	BIL676	BIL677	BIL678	BIL679	BIL680	BIL681	BIL682	BIL683	BIL684	BIL685	BIL686	BIL687	BIL688	BIL689	BIL690	BIL691	BIL692	BIL693	BIL694	BIL695	BIL696	BIL697	BIL698	BIL699	BIL700	BIL701	BIL702	BIL703	BIL704	BIL705	BIL706	BIL707	BIL708	BIL709	BIL710	BIL711	BIL712	BIL713	BIL714	BIL715	BIL716	BIL717	BIL718	BIL719	BIL720	BIL721	BIL722	BIL723	BIL724	BIL725	BIL726	BIL727
RM3252	1	0.3	B	H	A	B	B	B	A	B	A	B	A	B	H	B	B	B	B	A	B	B	B	B	B	A	H	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	A	A	A	B	A	B	B	B	A	B	B	A	B	A	A	B	A	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	A	B	B	B	A	B	B	A	A	B	B	B	B	B	B	B	B	B	A	A	A	A	B	B	B	B	B	B	B	B
RM8068	1	1.7	B	H	B	B	B	B	B	B	A	B	A	B	H	B	B	B	B	A	B	B	B	B	B	A	H	B	B	B	B	B	B	H	B	A	B	A	B	B	B	A	B	B	B	B	A	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	A	A	A	B	A	B	B	B	A	B	A	B	B	A	A	B	A	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	-	B	B	B	B	B	-	A	B	B	A	B	B	B	B	H	B	A	A	A	A	B	B	A	B	B	B	B	B
RM3453	1	4.9	B	A	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	B	B	B	B	B	A	A	A	B	B	B	B	B	B	H	B	A	B	B	B	B	B	H	B	B	B	H	A	B	B	B	A	B	B	B	B	B	A	A	B	B	B	B	B	B	A	A	B	B	A	A	B	B	A	B	A	A	B	B	B	B	B	A	A	B	A	B	B	B	B	A	B	B	A	B	B	B	H	B	B	A	B	B	B	H	B	H	A	A	B	B	A	B	B	B	B	B	B	B	A	A	A	A	B	A	B	A	B	B	B	B
RM3873	1	6.2	B	A	B	B	B	B	A	B	H	B	A	B	-	B	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	B	B	H	B	B	B	H	A	B	A	A	B	B	B	A	A	B	B	-	A	B	B	B	B	B	B	A	B	B	B	B	B	B	A	H	B	B	A	A	B	B	A	B	A	A	A	B	B	B	B	A	A	B	B	B	B	B	A	A	B	B	B	B	B	B	H	B	B	A	B	B	B	H	-	A	A	A	B	B	A	B	B	A	B	B	B	B	B	A	A	B	A	B	A	B	B	B	B
RM6740	1	18.9	B	B	B	A	A	B	B	H	B	H	A	B	A	B	B	B	H	A	B	B	B	B	B	B	B	H	B	A	B	B	B	B	B	A	B	B	A	A	A	A	B	B	A	B	A	A	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B	A	A	A	A	B	B	B	-	B	A	B	B	B	B	B	B	A	A	-	B	B	B	B	B	B	B	B	A	A	A	B	B	A	B	B	-	B	B	B	B	A	A	B	B	A	B	B	A	B	B	B	A	B	H	B	B	H	A	B	-	A	B
RM8144	1	24.9	B	B	B	A	B	A	B	H	B	H	A	B	-	B	B	A	H	A	B	A	B	B	B	B	B	H	B	B	B	B	B	B	B	A	B	B	A	A	A	B	B	B	B	B	A	A	B	-	B	-	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B	A	B	B	B	-	B	-	B	B	A	B	B	B	B	B	B	B	-	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	H	B	B	B	A	B	B	B	B	A	B	H	B	B	B	B	B	B	B	B
RM1349	1	26.7	H	B	B	A	B	B	-	B	B	A	A	A	B	B	B	A	A	B	B	A	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	A	B	B	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	B	A	B	B	B	B	B	H	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	-	B	B	A	B	A	B	-	B	A	B	B	B	B	A	B	H	B	B	B	B	B	B	B	B
RM8128	1	28.6	B	B	-	-	B	B	B	B	B	A	A	A	-	B	B	A	B	H	B	-	B	B	B	B	A	B	B	-	B	B	B	B	B	A	B	B	A	B	-	B	B	-	B	B	B	B	A	A	B	B	B	B	B	B	B	H	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B	B	B	B	H	B	-	B	B	B	A	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	A	B	A	B	A	B	A	B	B	A	B	A	B	B	B	B	B	A	B	B
T1368-01	1	29.9	A	B	B	A	B	B	B	B	B	A	A	A	B	B	B	A	B	-	B	A	B	B	B	B	A	B	B	H	B	B	B	B	B	A	B	B	A	B	B	B	A	B	B	B	B	B	A	A	B	B	B	B	B	B	H	H	B	B	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	B	A	H	B	B	B	B	H	B	A	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	A	B	A	B	A	-	B	A	B	A	B	B	B	B	B	A	B	B
RM1003	1	35.2	B	B	B	B	B	B	B	B	H	B	A	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	A	A	B	B	B	B	B	B	B	A	B	B	B	B	B	B	H	H	-	B	B	B	B	A	A	B	B	B	B	B	B	B	B	A	A	B	B	A	B	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	A	B	A	B	B	B	B	B	A	B	-	-	B	A	A	B	B	A	A	B	-	A	B	H	B	B	A	B	A	B	H	B	B	B	B	B	B	A	B	B
RM8085	1	36.6	B	B	B	B	B	B	B	B	H	B	A	B	B	B	B	H	B	B	B	B	B	B	B	B	B	H	B	B	B	A	A	B	B	B	B	B	B	B	A	B	B	B	A	B	B	H	H	H	B	B	B	B	A	A	B	B	B	B	B	B	B	A	B	H	B	B	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	A	B	A	B	A	B	B	B	A	B	A	B	B	B	A	B	B	A	A	B	-	A	B	B	B	B	A	B	A	B	B	B	B	B	B	B	A	B	B
RM8088	1	43.5	B	B	A	B	B	B	B	A	B	A	B	-	B	B	B	B	B	B	B	B	A	-	A	B	B	B	B	B	B	B	B	A	B	B	B	B	A	A	A	B	A	B	B	B	A	A	A	A	B	A	-	B	B	-	B	B	B	B	B	B	-	B	B	B	B	B	A	B	A	B	B	B	B	B	B	-	B	B	B	B	B	B	A	B	A	B	B	B	B	A	A	A	A	B	B	B	A	B	A	A	A	B	B	B	A	A	B	A	B	A	A	B	B	A	A	B	A	B	B	B	-	B	B	B	A	-	B
P20E09-14	1	45.0	B	B	H	B	B	B	B	B	B	-	B	B	B	B	B	A	-	B	B	B	A	B	A	B	B	B	B	B	B	B	B	A	B	H	B	B	A	A	A	B	A	B	B	B	A	A	B	-	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	-	B	B	B	B	B	-	B	A	B	B	A	B	A	A	B	B	B	B	B	-	B	B	A	A	B	B	-	A	B	B	A	A	A	A	A	A	B	B	B	B	A	B	B	B	A	B	H	B	B	B
		45.1
RM6938	2	1.0	B	H	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	H	B	B	-	A	B	A	B	B	B	B	H	B	B	B	B	B	A	H	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	H	B	B	A	B	A	B	B	B	B	B	A	B	A	H	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	-	B	A	B
RM2008	2	4.9	B	B	B	B	B	B	B	A	B	B	B	B	-	B	B	B	B	A	B	A	B	B	H	H	B	B	B	B	B	B	B	B	B	B	B	B	H	B	A	B	A	B	H	A	B	A	B	A	B	A	B	B	B	A	B	A	B	B	B	B	B	A	B	B	B	B	A	B	B	A	B	B	A	A	B	B	B	B	B	B	B	A	H	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	A	H	B	B	B	B	A	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	A	B
RM3390	2	7.7	B	B	B	B	B	B	B	A	A	B	B	H	B	B	B	B	B	B	B	A	B	B	A	B	B	B	A	A	B	A	B	B	B	B	A	B	A	B	A	B	A	A	H	A	B	B	B	B	B	H	A	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	A	H	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	H	B	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	A	A	A	B	A	A	B	H	A	B	A	A	B	B	B	B	B	B	A	B	B	B	B	B	B	B
RM6375	2	9.6	B	B	B	B	B	B	B	A	A	B	A	H	A	H	B	B	B	B	A	A	B	B	A	B	B	B	A	A	B	A	B	B	B	B	B	B	B	B	A	B	A	H	A	A	B	B	B	B	B	A	A	B	B	B	B	A	B	-	A	B	B	H	B	B	A	B	B	A	A	A	B	B	B	B	B	B	B	B	A	-	B	A	A	A	B	B	B	B	B	B	A	A	A	B	B	A	B	B	B	B	B	B	A	A	B	A	A	B	A	H	B	A	A	B	B	B	B	A	A	B	A	B	H	B	A	A	B
RM5179	2	14.7	H	B	B	B	-	B	B	A	B	-	A	-	A	A	B	B	B	B	B	B	B	B	A	B	B	B	A	B	B	A	B	B	B	B	B	B	A	B	B	B	A	B	A	A	B	B	B	B	B	A	A	B	B	B	B	A	B	B	-	B	B	B	B	B	-	B	B	B	B	B	B	B	B	B	B	-	B	B	A	B	B	A	A	B	B	B	B	B	B	B	A	A	A	B	B	A	B	-	B	B	B	B	A	B	B	A	A	B	A	A	B	A	-	A	B	B	B	A	A	B	A	A	A	-	A	B	B
RM1379	2	20.9	A	A	B	B	B	B	B	A	B	B	A	B	A	A	B	B	B	B	B	B	A	B	A	B	B	B	A	B	B	A	B	B	B	B	B	A	A	B	B	B	A	B	B	A	B	A	H	B	B	B	B	B	B	B	A	A	B	A	B	A	A	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	H	B	A	A	A	B	B	A	B	B	B	B	A	B	A	B	A	B	B	B	B	B	B	B	A	B	B	A	A	B	A	A	B	A	B	A	B	B	B	B	B	B	B	A	B	B	A	B	B
RM2634	2	21.4	A	A	B	B	B	B	B	A	B	B	B	B	A	A	B	B	B	B	B	B	A	B	A	B	B	B	A	B	B	A	B	B	B	B	B	B	A	B	B	B	A	B	B	A	B	B	A	B	B	B	A	B	B	B	B	A	A	B	A	B	B	A	B	B	A	H	H	B	B	B	H	B	B	B	B	B	B	B	B	B	A	A	B	B	A	B	B	B	B	A	B	A	B	A	B	B	B	B	B	B	B	A	B	B	A	A	B	A	A	B	A	B	A	B	B	B	B	B	B	B	A	B	B	A	B	B
RM5651	2	24.4	B	A	B	A	B	B	A	-	B	B	A	B	A	H	B	B	B	A	B	B	A	B	A	B	B	H	A	B	B	A	B	A	A	B	A	B	A	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	A	B	B	A	B	B	A	A	B	B	B	B	B	B	H	B	B	B	B	A	B	B	B	A	B	B	H	A	B	B	B	B	B	H	A	B	B	-	B	B	B	A	B	B	H	B	B	A	B	B	H	H	B	A	B	B	B	B	A	B	A	B	B	B	B	B	B	H	B	A	B	B
RM5470	2	28.0	B	A	B	A	B	B	B	A	B	B	H	B	-	B	B	B	B	A	B	B	A	B	A	B	B	B	A	A	B	B	B	B	A	B	A	B	A	B	B	A	B	B	B	B	B	B	H	B	B	B	A	B	A	B	B	A	B	B	A	B	B	A	B	B	B	B	A	B	-	B	B	B	B	B	A	B	B	B	A	B	B	H	A	H	B	A	B	B	H	A	B	B	A	B	B	B	A	B	A	B	B	B	A	B	B	A	H	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	-	A	B	B	B
RM6933	2	30.2	B	A	A	A	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	H	B	B	B	B	A	B	A	B	B	A	A	A	A	A	B	A	B	B	A	B	B	B	B	B	B	A	B	B	B	-	B	A	B	H	A	B	B	A	B	B	A	B	B	B	B	A	B	-	B	B	B	B	B	A	B	B	B	A	B	B	H	A	H	B	A	B	B	H	A	H	B	A	B	B	B	A	B	A	B	B	B	A	B	B	A	H	A	B	B	B	B	A	A	B	A	B	B	B	B	B	B	B	A	B	B	B
RM5916	2	34.9	B	A	A	A	B	B	H	B	B	B	A	A	B	A	A	B	B	B	B	B	A	B	B	B	B	A	B	B	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	A	A	B	A	B	H	B	B	B	A	B	B	B	B	B	A	A	A	H	B	B	B	B	B	B	A	B	B	B	B	A	A	A	A	B	B	B	B	B	A	A	B	A	A	B	A	B	A	B	A	B	B	A	A	B	B	A	B	H	A	B	B	A	A	H	B	A	B	B	B	B	B	B	A	B	B	H	A
RM208	2	36.0	B	B	A	B	B	B	A	B	B	B	B	A	B	A	A	B	B	B	B	B	H	B	B	B	B	A	B	B	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	-	A	B	A	B	B	B	A	B	B	B	B	A	A	B	A	H	B	B	A	B	B	B	A	B	B	B	B	B	B	A	B	A	H	B	B	B	A	A	B	A	A	B	A	B	A	B	-	B	B	A	B	B	B	A	B	B	B	B	B	B	A	B	B	A	B	B	B	A	A	B	H	B	B	A	A
RM6923	2	36.6	B	B	A	B	B	B	A	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	B	A	B	A	B	B	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	A	B	A	B	B	B	A	B	B	B	B	A	A	B	A	H	B	B	A	B	B	B	A	B	B	B	B	B	B	A	B	A	H	B	B	B	A	A	B	A	A	B	A	B	A	B	A	B	B	A	A	B	B	A	B	A	A	B	B	B	A	H	B	A	B	B	B	B	A	B	H	B	B	A	A
		36.8
RM4108	3	0.5	B	B	B	B	A	B	B	B	B	B	A	A	B	B	B	H	H	B	B	B	B	B	B	B	A	B	A	B	B	B	A	A	B	B	B	B	A	B	B	B	B	A	A	H	B	B	B	B	B	B	B	B	B	B	A	B	A	A	B	A	B	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B	B	B	A	B	B	H	A	A	B	H	B	B	B	B	B	B	B	B	A	B	A	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	A	B	B	A	B	A	B	B	B	B	A	A	A
RM5849	3	4.2	B	B	B	B	A	B	B	B	A	B	A	A	B	B	B	A	A	B	B	A	B	B	B	B	B	B	A	B	B	B	B	B	B	H	A	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	B	B	B	B	A	B	A	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	A	B	B	A	B	B	B	A	B	B	B	B	A	B	A	A	A	B	A	B	B	A	B	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	A
S0040-07	3	4.4	-	B	B	B	A	B	B	B	B	B	H	A	A	B	B	B	A	-	B	A	B	B	B	B	B	B	A	B	B	-	B	B	A	H	A	B	A	B	B	B	B	A	A	A	B	B	B	-	B	B	B	B	B	B	A	B	A	A	A	A	A	B	B	B	B	B	-	B	B	B	B	B	B	B	B	B	B	B	A	B	A	B	B	A	B	B	B	A	B	B	B	B	A	B	A	A	A	B	A	B	B	-	B	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	A
RM7365	3	11.3	A	A	B	A	B	B	B	B	B	A	A	A	B	B	A	A	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	A	B	B	B	H	B	H	B	B	A	B	B	B	B	B	B	B	B	A	B	A	A	A	A	B	A	B	B	B	B	B	B	A	H	B	B	A	A	B	A	B	A	B	A	B	H	A	B	B	B	B	B	B	B	B	B	B	A	B	A	H	A	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B
RM6931	3	15.5	A	A	H	B	B	B	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	B	A	B	B	A	A	B	B	B	B	B	B	B	A	B	B	B	H	B	B	A	B	B	B	B	A	A	B	A	B	A	B	B	A	A	B	A	A	B	A	B	A	B	B	B	A	A	B	A	B	B	A	B	B	A	B	A	B	A	B	B	B	B	B	B	B	B	B	B	H	B	B	B	B	B	B	B	A	A	A	B	B	A	B	B
RM1940	3	18.8	B	A	B	B	H	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	B	A	B	B	A	A	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	B	A	A	B	-	B	B	B	B	A	A	A	A	A	B	A	B	A	B	-	B	-	B	B	H	B	B	B	A	A	H	B	B	B	A	B	A	B	B	B	B	B	B	A	B	A	B	B	B	B	B	A	B	B	A	B	A	B	B	A	B	B
RM6736	3	28.1	A	A	A	B	B	A	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	H	A	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	H	B	B	B	A	A	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	A	B	B	A	B	A	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	B	B
RM2593	3	31.1	A	B	B	A	B	B	B	B	A	B	B	B	B	-	A	A	A	B	B	H	B	B	B	B	B	B	B	-	B	B	A	B	A	H	B	B	B	B	A	A	B	B	B	B	B	H	B	A	B	H	B	B	B	A	B	A	B	B	B	B	B	A	B	B	B	B	A	B	A	B	B	B	A	A	B	A	A	A	A	B	B	B	B	B	B	B	B	B	-	B	B	B	B	B	B	B	B	B	A	B	B	-	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B
87C10-17	3	34.3	A	A	B	A	A	B	B	A	A	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	H	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	H	B	B	B	H	B	A	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	A	A	B	B	-	A	A	A	B	B	B	B	B	B	B	B	H	B	B	B	B	-	B	B	B	B	B	A	B	B	B	B	B	A	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B
RM1038	3	34.5	A	A	B	A	A	B	B	A	A	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	A	-	B	B	B	B	B	B	B	A	H	B	B	B	H	B	A	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	A	A	B	A	-	A	A	B	B	B	B	B	B	B	B	B	H	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	A	B	B	B	B	-	B	B	B	B	B	B	B	A	B	B	B
RM1373	3	34.6	A	A	B	A	A	B	B	A	A	-	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	A	-	B	B	B	B	B	B	B	A	H	B	B	B	H	B	A	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	A	A	B	B	A	-	A	A	B	B	B	B	B	B	B	B	H	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B
RM2187	3	36.5	A	A	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	A	B	B	A	B	B	B	B	A	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	-	H	B	A	B	B	B	B	B	A	B	B	B	B	A	A	A	B	B	B	A	A	B	B	A	A	A	A	B	B	B	B	B	B	B	B	H	B	B	B	B	B	B	B	B	B	B	A	B	B	-	-	B	A	B	-	B	A	A	B	B	A	B	B	B	B	B	B	B	B	-	A	B	B	B
		37.3
RM7472	4	7.1	B	B	B	B	B	A	B	B	A	B	A	H	B	B	B	B	B	B	B	B	A	B	B	A	A	B	B	A	B	B	B	B	B	A	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	B	H	B	B	H	B	B	A	B	B	H	B	H	B	B	B	B	B	B	B	B	B	B	B	A	A	A	-	A	A	A	A	A	B	B	B	B	A	B	B	B	B	A	A	B	A	B	B	B	B	A	A	B	B	B	A	B	B	B	A	B	B	B	A	A	B	B	B	B	B	B	B	B	A	B	H	B
RM7181	4	15.4	B	B	B	B	B	A	B	A	B	B	A	B	B	B	B	A	B	B	B	B	A	B	-	B	A	B	A	A	B	B	H	B	B	A	B	B	A	B	A	B	B	A	B	B	B	B	B	A	B	B	B	H	B	B	B	B	A	B	B	H	B	H	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	A	A	A	A	A	B	B	B	H	A	B	B	A	B	H	A	B	A	B	B	B	B	B	A	B	A	A	A	B	B	B	B	B	B	B	A	A	B	B	B	B	B	A	B	B	A	B	B	B
RM7113	4	18.4	B	B	B	B	B	A	B	B	B	H	A	H	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	H	B	B	B	B	A	B	B	B	B	B	A	B	B	B	H	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B	B	A	B	B	B	B	A	A	A	A	B	B	B	B	A	B	B	B	B	H	A	B	A	B	A	B	A	B	B	A	A	A	B	B	B	B	H	B	B	B	A	B	B	B	B	B	A	B	B	B	B	A	B
RM1205	4	19.7	B	B	B	B	B	A	B	A	B	H	H	H	B	B	B	B	B	H	B	B	A	B	B	B	H	B	B	B	B	B	A	B	B	B	B	B	B	H	B	B	B	A	B	B	B	B	B	A	H	B	B	A	B	B	B	B	B	B	B	B	H	B	A	B	-	B	B	B	B	B	B	B	A	A	B	B	B	B	B	A	B	B	A	B	B	B	B	A	B	B	B	B	B	A	B	A	B	B	B	A	B	B	B	A	A	B	B	B	B	B	H	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	A
RM6679	4	19.9	B	B	B	B	B	A	B	A	-	H	H	H	B	B	B	B	B	H	B	B	A	B	A	B	H	B	B	B	B	B	A	B	B	B	B	B	B	H	B	B	B	A	B	B	B	B	B	A	B	B	B	A	A	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	A	A	B	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	B	H	A	B	A	B	B	B	A	B	B	B	A	A	B	-	B	B	-	H	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	A
RM5709	4	32.5	B	B	B	A	A	B	A	B	B	B	B	B	B	B	B	A	B	A	A	B	B	B	A	B	A	A	B	B	-	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	H	B	B	H	B	B	H	A	B	B	B	B	A	A	B	B	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	H	B	B	A	A	H	A	B	A	A	B	B	B	B	-	B	B	B	B	A	A	A	A	B	B	A	A	B	B	B	B	B
RM2431	4	35.5	B	B	B	A	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	A	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	-	B	B	B	B	B	B	B	B	B	H	B	A	B	B	B	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	A	B	H	A	B	B	B	B	B	A	B	B	B	A	B	A	B	A	A	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	A	A	B	B	A	B	B
		35.9
RM3529	5	0.1	B	A	B	B	B	A	B	B	B	B	A	B	A	B	A	A	A	B	B	A	B	B	H	B	B	-	A	A	A	B	B	B	B	B	B	-	A	B	B	B	B	A	B	B	B	B	B	B	B	B	B	H	B	B	H	B	B	A	B	B	B	B	H	B	B	B	B	B	B	B	B	A	B	B	A	A	B	A	A	A	B	B	B	B	B	A	A	B	B	B	H	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	H	B	B	H	B	B	B	A	A	B	A	B	B	B	B	B	A	B
RM153	5	0.2	B	A	B	B	B	A	B	B	B	B	A	B	A	B	A	A	A	B	B	A	B	B	H	B	B	-	A	A	A	B	B	B	B	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	B	B	B	H	B	B	B	B	B	B	B	B	B	B	H	B	B	B	A	B	B	B	B	A	B	B	A	B	B	A	A	A	A	B	B	B	B	A	A	B	B	B	H	-	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	H	B	B	H	B	B	B	A	A	B	A	-	B	B	B	B	A	B
P617A08-19	5	4.5	B	B	B	A	B	B	B	H	B	B	B	B	A	B	A	A	B	B	B	B	B	B	B	B	A	B	A	B	B	B	-	B	B	B	B	H	B	B	B	B	B	A	B	B	B	B	B	B	A	H	B	B	A	B	B	B	B	B	B	B	B	B	B	A	B	-	B	B	B	B	B	B	B	A	A	B	B	B	B	B	A	B	B	B	B	A	A	A	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	H	B	B	A	B	B	-	A	H	B	B	B	B	B	B	B	B	A	B
T1362-02	5	7.9	A	A	A	A	B	B	B	B	B	B	B	B	-	B	-	B	B	B	B	B	B	B	B	B	B	B	H	A	B	B	B	A	B	B	B	H	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	A	B	B	B	B	B	B	B	B	B	A	B	B	B	A	B	B	B	B	B	A	A	B	B	B	B	B	A	B	B	B	A	A	A	A	B	A	A	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	A	B	A	A	B	H	B	-	-	A	A	B	B	B	A	A	B	B
RM4674	5	20.3	B	A	B	A	A	B	B	B	B	A	A	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	A	A	A	A	B	B	B	B	B	B	A	B	B	B	B	B	A	B	H	B	H	B	B	H	A	B	B	B	B	A	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	A	A	B	B	A	B	B	A	B	B	A	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B
RM2357	5	27.0	B	A	B	A	B	B	B	B	A	B	A	B	B	A	B	B	B	B	B	B	A	B	B	A	A	B	B	B	A	B	B	A	A	A	B	B	B	B	A	B	H	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	A	A	B	A	H	B	A	A	B	B	B	A	B	B	B	A	A	B	B	B	B	A	B	B	A	B	A	B	B	B	A	B	A	B	B	A	A	B	B	B	B	B	B	B	H	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B	A	B	A	A
RM3664	5	27.9	A	A	B	A	B	B	B	B	H	B	B	B	B	A	B	B	B	B	B	B	A	B	B	A	A	B	B	B	A	B	B	A	A	A	B	B	B	B	A	B	H	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	B	A	A	B	A	H	B	A	A	B	B	B	A	B	B	B	A	A	B	B	B	B	A	B	A	A	H	A	B	B	B	A	B	A	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	A	B	A	A
		30.0
RM8120	6	0.5	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	A	B	B	A	B	B	A	B	B	A	A	A	B	B	B	A	B	B	B	H	B	A	A	B	B	A	B	B	B	A	A	B	B	A	B	A	A	B	B	B	A	B	B	H	B	B	B	A	B	B	B	B	B	B	-	B	A	A	A	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	A	A	B	A	B	B	B	B	B	H	B	B	A	A	B	A	A	A	B	A	B	B
RM8101	6	1.7	B	B	B	B	B	B	B	H	B	B	B	B	B	A	A	A	A	B	B	A	B	B	A	B	B	H	A	A	B	B	B	A	B	B	B	A	B	B	A	B	B	A	-	-	B	A	H	B	B	A	B	A	A	B	B	B	B	-	B	H	B	B	B	B	-	B	-	B	B	B	-	A	-	B	B	A	B	B	A	H	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	H	B	B	A	B	B	A	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	A	B	B	A	A	A	B	A	B	B
P548D347	6	2.0	B	B	B	B	B	B	B	H	B	B	B	B	B	A	A	A	A	B	B	A	B	B	A	B	B	H	A	A	B	B	B	A	B	B	B	A	B	B	A	B	B	A	B	B	B	A	H	B	B	A	B	A	A	B	B	B	B	B	B	H	B	B	B	H	B	B	B	B	B	B	A	B	B	B	A	B	B	B	A	H	B	B	B	B	A	B	B	B	B	B	B	-	B	B	B	A	B	B	A	B	B	A	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	-	A	A	B	A	B	B
0007020	6	2.3	B	B	B	B	B	B	B	H	B	B	B	B	B	A	A	A	-	B	B	A	B	B	A	-	B	H	A	A	B	B	B	A	B	B	B	A	B	B	A	B	B	A	B	B	B	A	B	B	B	B	B	A	A	B	B	B	B	B	B	H	B	B	B	H	B	B	-	-	B	B	A	-	B	B	A	B	B	B	A	-	B	B	B	B	A	B	B	B	B	B	B	B	-	B	B	B	B	B	A	B	B	A	B	A	B	A	B	B	-	B	B	B	B	B	B	B	-	A	B	B	A	A	A	-	A	B	B
P525F142	6	6.7	H	B	B	A	B	A	B	B	B	A	A	B	B	A	A	A	A	B	A	B	A	A	A	B	B	B	A	B	B	A	B	B	B	B	B	A	B	B	A	B	B	B	B	B	-	A	B	A	B	B	B	A	A	B	B	B	B	A	A	B	B	A	B	H	A	B	B	B	-	B	A	A	B	B	B	B	B	B	A	A	A	A	B	H	B	A	B	A	B	B	B	B	A	B	H	B	B	B	A	B	B	B	A	A	B	A	B	B	A	B	B	B	B	B	B	B	A	A	B	A	A	B	B	B	B	B	B
B1018E06-16	6	21.2	B	A	B	B	B	A	B	B	H	A	B	B	B	B	A	A	B	B	A	B	A	B	B	B	A	A	B	B	A	B	A	B	B	B	B	A	B	B	B	B	H	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	H	A	B	B	B	B	A	B	B	B	B	A	B	B	B	A	B	B	B	H	B	B	B	A	A	B	B	A	A	A	B	B	B	B	B	B	B	B	A	B	B	B	B	A	A	B	H	B	B	B	B	-	A	B	B	B	B	B	B	B	A	A	A	A	B	A	H	A	A	B
P530H05-35	6	26.3	B	B	B	B	B	B	B	B	H	A	A	H	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	A	A	B	A	B	B	B	A	B	B	B	B	B	B	B	H	B	B	B	B	H	A	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	B	B	A	B	B	B	A	A	A	B	B	A	B	B	B	B	A	B	B	B	B	B	B	H	B	B	B	B	B	B	B	B	A	B	B	H	A	B	B	B	B	B	B	B	B	B	A	B	A	B	B	A	B	B	H	A	B	H
S0497-07	6	27.0	-	B	B	B	B	B	B	B	H	B	A	B	A	B	B	-	B	B	A	A	A	B	B	B	A	B	B	A	A	-	A	B	B	B	A	B	B	B	A	B	B	A	B	B	B	B	H	-	B	B	B	A	B	B	B	B	B	B	A	A	B	B	B	B	B	B	A	A	B	B	B	A	B	B	B	A	B	B	B	B	A	B	B	B	B	A	B	B	B	A	B	B	A	B	B	B	B	B	-	B	-	A	-	B	B	A	B	B	B	B	B	B	B	B	B	B	A	-	-	-	B	A	B	B	H	B	B	H
P17G10-24	6	31.8	B	B	B	B	A	B	A	B	A	B	-	A	A	B	A	B	B	B	A	-	B	A	B	B	A	B	B	A	B	B	B	A	A	B	A	B	B	A	A	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	B	A	A	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	-	A	B	A	A	B	B	A	A	A	A	B	B	B	B	B	B	B	H	A	H	H	B	B	B	B	B	B	A	A	B	B	B	A	-	H	B	B	A	B	B	B	-	B	A
		32.1
RM6697	7	1.2	B	A	B	B	B	A	B	B	B	B	A	B	B	B	A	B	B	A	B	B	B	A	B	B	A	A	A	A	A	B	B	A	B	B	A	A	B	B	B	B	A	B	B	B	B	A	A	B	B	B	A	B	A	A	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B	A	A	B	B	B	H	B	B	B	B	B	B	B	H	B	B	A	B	A	A	B	B	B	B	A	B	H	A	B	A	B	A	B	B	B	H	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	A	B	A	A	B
RM2381	7	2.5	B	A	B	B	B	B	B	B	B	B	H	B	B	B	A	B	B	B	B	B	B	A	B	B	A	A	A	A	A	B	H	B	B	A	H	A	B	-	-	-	A	B	A	B	-	B	B	-	B	H	B	A	B	B	A	A	B	B	-	-	B	B	B	B	B	B	A	B	B	A	A	B	B	B	H	B	B	B	B	B	B	B	A	B	B	A	-	B	A	B	B	B	B	B	B	B	A	B	A	B	A	B	B	A	A	B	B	B	B	B	B	B	A	A	B	B	B	B	B	B	B	B	A	B	B	A	B
RM7418	7	3.2	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	B	A	B	B	B	B	A	B	B	B	A	A	B	A	B	H	B	B	A	A	A	B	B	A	B	A	B	A	B	B	A	A	B	A	B	A	B	B	B	A	A	B	B	B	B	B	B	A	B	B	B	A	B	B	B	B	A	B	B	B	B	B	A	A	B	B	A	B	A	B	B	A	A	B	A	B	B	B	B	B	B	B	H	B	A	B	A	B	B	A	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	A	H
RM8010	7	4.2	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	B	A	B	B	B	-	A	B	B	B	A	A	B	A	B	B	B	B	B	A	A	B	B	B	B	A	B	A	B	B	A	B	B	A	B	A	B	B	B	A	A	B	B	B	B	B	-	B	A	B	A	B	B	B	B	B	A	B	B	B	B	A	A	B	B	A	B	A	B	B	A	B	B	A	B	B	B	B	B	B	H	B	A	B	A	B	B	A	B	B	B	B	B	B	B	B	A	A	B	A	B	B	B	B	B	B	B	B	B	B	A	B
RM3300	7	19.6	B	B	B	B	B	B	H	B	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	B	A	A	B	A	A	B	B	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	B	A	A	B	B	A	B	B	A	A	A	B	B	B	B	B	B	B	A	A	B	A	-	B	B	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	B	A	B	A	B	A	B	B	B	B	B	B	B	B	B	A	B	B	B	A	B	B	B	B	B	B	B
RM1973	7	20.8	B	B	B	B	B	B	H	B	B	B	B	B	A	B	B	B	B	B	B	B	H	B	B	B	B	A	A	B	B	B	B	B	B	A	A	B	B	A	A	B	A	A	B	B	B	H	B	B	B	B	A	B	A	A	A	B	A	B	B	B	A	B	B	B	A	B	B	H	B	A	A	A	B	B	B	B	B	A	A	B	B	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	B	A	B	A	B	B	B	B	B	B	B	B	B	B	A	A	B	B	B	A	B	B	B	-	B	B	B
RM2752	7	23.2	B	B	B	-	B	B	H	B	B	B	B	B	A	B	B	A	-	B	B	B	B	A	B	B	B	B	A	B	A	B	A	B	B	-	A	B	-	A	A	B	A	B	B	B	B	H	B	B	B	B	A	B	B	B	B	H	A	A	B	B	A	B	B	B	B	A	B	B	H	B	H	B	A	B	A	A	A	B	B	B	B	B	-	B	B	-	B	B	B	A	B	H	B	B	B	B	B	B	B	B	B	-	-	B	B	B	B	B	B	B	A	B	B	B	A	B	B	B	B	A	B	B	B	A	B	B	B
RM1364	7	27.4	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	H	B	A	B	B	B	B	-	B	B	B	A	B	A	B	B	B	A	A	A	A	B	A	B	B	A	B	B	B	B	A	H	B	B	B	B	A	B	B	A	A	A	B	B	B	A	B	B	B	A	A	B	A	B	A	B	B	B	B	A	B	B	A	A	B	A	B	A	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	A	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	B
RM5720	7	29.3	B	B	-	B	B	A	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	-	H	B	B	A	B	A	B	B	B	A	A	A	A	B	A	B	A	B	B	H	B	B	B	B	H	B	A	B	B	B	B	B	B	A	B	A	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	A	B	A	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	A	B	B	B	B	A	B	B	B	A	B	B	B	B	A	B	B	A	B	B	B	-
		30.4
RM1959	8	0.3	B	B	B	A	B	B	B	B	A	A	B	A	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	A	B	A	B	B	B	B	H	B	B	B	A	B	B	A	B	B	-	B	B	A	B	B	B	A	B	A	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	A	B	B	B	B	B	A	A	B	B	B	B	B	A	A	A	B	A	B	H	B	B	B	B	B	A	B	A	B	B	B	B	B	B	A	B	B	A	-	B	B	B	B	A	B	B	B	B	B	-	-	-	B	A
RM3702	8	1.1	B	B	B	A	B	B	B	B	A	A	B	A	A	A	B	B	B	B	B	-	B	A	B	B	B	B	B	B	B	B	B	A	A	B	A	-	B	B	B	H	B	B	-	A	A	B	A	B	B	A	-	B	A	B	B	B	A	B	A	B	A	B	B	A	B	B	B	B	B	A	A	B	B	H	A	A	A	B	B	A	A	A	B	B	A	A	H	A	A	A	B	-	B	B	B	B	A	H	B	A	B	A	B	B	B	B	B	B	A	A	B	H	B	B	B	B	B	A	B	B	B	A	A	A	B	B	A
S0146-05	8	2.2	-	B	B	A	B	B	B	B	A	B	B	B	A	-	H	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	A	B	A	-	B	B	B	B	B	B	B	A	B	B	A	A	B	B	A	B	A	B	B	B	A	B	A	B	A	B	B	A	B	B	B	B	B	A	H	B	A	A	A	B	B	B	B	A	A	A	B	B	A	A	B	A	A	A	B	A	B	H	B	B	A	H	B	B	B	A	B	B	B	B	B	B	A	A	B	A	B	B	B	B	-	-	B	B	B	A	A	A	B	B	A
RM7057	8	5.9	B	B	-	B	B	B	A	A	B	-	A	A	A	B	B	B	B	B	B	B	B	B	A	B	B	B	-	B	A	B	B	B	B	B	A	-	B	B	-	A	-	B	-	H	B	B	B	A	A	B	B	A	A	B	B	B	B	B	A	B	B	B	B	A	A	B	B	-	B	-	A	A	-	-	B	B	B	B	B	B	B	A	B	B	B	A	A	-	B	-	B	B	B	B	B	B	A	-	B	A	B	A	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	A	B	A	B	H	B	-	B	B	B
RM2366	8	12.0	B	B	A	B	B	B	A	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	A	A	-	B	B	A	B	B	B	A	B	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	B	A	A	B	B	B	B	A	H	B	A	A	A	B	B	B	B	B	A	A	B	A	B	B	B	A	A	B	B	B	B	B	B	H	B	A	A	A	B	B	B	A	A	B	B	B	B	B	B	A	B	B	B	B	A	H	B	B	B	A	B	H	B	H	B	B	B
RM4595	8	14.4	B	B	A	B	B	B	B	-	A	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	A	-	-	B	B	B	B	A	A	B	B	B	A	B	B	B	A	B	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	-	A	A	B	B	B	B	A	H	B	A	A	A	B	B	B	B	-	A	A	A	A	B	B	B	A	A	B	B	-	B	B	B	H	B	A	A	-	B	B	B	A	A	B	B	B	B	B	B	A	B	B	B	B	A	H	B	B	B	A	B	H	B	H	B	B	B
RM7285	8	18.9	A	A	A	B	B	B	A	B	B	B	B	H	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	A	A	B	B	B	B	B	A	B	B	B	B	A	B	B	B	A	B	B	B	H	A	B	B	B	B	A	B	B	B	A	B	B	B	A	A	B	B	B	B	A	H	B	H	B	A	A	A	B	B	B	A	A	A	B	A	B	B	A	A	B	B	B	A	B	B	A	B	A	A	B	A	H	B	B	A	A	B	B	B	B	B	A	B	B	B	A	A	A	A	B	B	A	B	H	B	A	B	B	A
RM3459	8	20.7	H	B	H	B	B	B	A	B	B	B	B	B	B	B	B	B	B	-	B	B	B	B	A	B	B	B	B	B	A	B	B	B	B	B	A	B	B	-	B	-	A	B	B	B	B	H	B	A	B	B	B	B	-	A	H	A	A	B	B	A	A	B	B	A	B	B	B	B	A	B	A	B	A	B	B	B	B	A	B	A	B	B	A	B	B	A	A	B	B	B	A	B	B	A	A	A	A	B	A	A	B	B	A	H	B	A	B	A	B	A	B	B	B	A	A	A	A	B	B	A	A	B	B	B	B	B	A
RM4487	8	26.2	H	B	B	B	B	B	A	B	B	B	-	A	A	B	B	A	B	B	B	B	B	A	B	B	B	A	B	B	B	A	B	B	B	B	A	B	B	H	B	B	A	B	B	H	B	B	B	A	B	B	B	B	A	B	A	A	B	B	B	B	A	B	A	A	B	B	A	A	B	B	B	B	A	B	B	H	-	A	B	A	B	-	A	B	A	B	A	B	B	B	A	H	A	B	B	B	A	B	A	B	B	B	B	B	H	A	B	A	B	B	B	B	B	B	B	A	A	B	B	B	B	B	H	A	B	B	B
RM3480	8	27.5	B	B	B	B	B	A	B	B	B	B	B	A	A	B	B	A	B	B	B	B	B	A	B	A	B	A	B	B	A	A	H	B	B	B	A	B	B	B	B	B	A	B	B	B	A	B	B	B	B	B	B	B	A	A	A	B	B	B	B	B	A	A	B	B	B	A	A	B	B	B	A	B	B	B	B	A	B	A	B	B	B	-	A	B	A	B	A	B	B	-	A	H	A	B	B	B	A	B	A	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	H	B	B	B	B
RM3496	8	27.9	B	B	B	B	B	A	B	B	B	B	B	A	A	B	B	-	B	B	B	B	B	A	B	A	B	A	B	B	A	A	-	B	B	B	A	B	B	B	B	B	A	B	B	A	B	B	B	B	B	H	B	B	A	B	A	A	B	B	B	B	A	A	B	B	B	A	A	B	B	B	A	B	B	B	B	A	B	A	B	B	B	B	A	B	A	B	A	B	B	A	A	H	A	B	B	B	A	B	A	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	H	B	B	B	B
		28.5
P501E09-9	9	0.7	B	B	A	A	-	B	B	A	A	B	B	B	A	B	B	B	B	A	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	-	B	B	B	B	B	A	B	-	A	-	-	-	-	B	B	B	-	A	-	-	-	B	-	-	-	-	A	B	B	A	-	B	B	A	-	B	A	A	-	B	B	B	B	B	B	B	B	B	B	B	A	B	A	B	B	B	B	B	A	B	B	B	B	B	-	-	B	B	B	B	B	B	A	B	B	B	B	B	H	B	A	A	A	A	B	B	B	-	B	B	B	-	B
RM1817	9	11.2	B	B	A	A	A	B	B	A	B	A	B	A	A	B	B	H	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	-	B	B	B	A	A	B	A	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	-	B	B	B	A	B	A	B	B	A	A	B	B	B	B	H	B	A	H	A	B	B	A	A	B	A	A	A	B	B	B	B	A	B	B	B	B	B	H	B	B	A	B	B	B	H	B	B	B	B	A	B	B	B	B	B	B	B	B	A	A
RM3025	9	17.0	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	A	H	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	A	B	B	A	B	B	A	B	B	A	H	B	B	B	B	B	B	B	B	A	-	B	B	B	A	B	A	B	B	B	A	A	B	B	B	A	A	A	B	A	-	A	A	A	A	B	B	A	A	B	A	A	B	B	B	B	B	A	B	B	B	B	B	A	B	B	A	B	B	B	B	B	H	B	B	A	A	B	B	B	B	B	B	A	-
RM6971	9	22.7	B	A	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	H	B	B	B	A	B	B	A	B	B	A	H	B	B	B	A	B	B	B	B	B	A	B	A	B	B	A	A	B	H	B	B	B	B	B	B	B	B	B	A	H	B	B	B	A	B	B	A	A	B	A	B	B	B	B	B	B	B	A	B	B	A	A	B	A	B	B	B	B	A	A	B	B	A	B	B	B	B	B	B	B	B	B	A	B	B	H	-	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	H	A
RM2482	9	23.4	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	H	B	B	B	A	B	B	A	B	B	A	H	B	B	B	A	B	B	B	B	B	A	B	B	B	A	B	B	B	H	B	B	B	B	B	B	B	B	B	A	H	B	B	B	H	B	B	B	A	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	B	A	A	B	B	H	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	A	B	B	A	B	B	B	B	B	B	B	H	B
		23.8
RM5271	10	1.9	B	B	B	A	A	B	A	B	B	B	H	B	A	B	B	B	A	B	A	B	B	B	B	B	B	B	A	B	B	B	B	A	B	B	A	B	A	B	-	B	B	B	B	B	B	B	B	B	B	B	B	H	B	A	A	A	B	B	B	B	B	A	A	B	B	B	A	A	B	B	A	A	B	B	A	A	B	B	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	H	A	A	B	B	B	B	B	B	B	B	B	A	A	B	B	B	B	A	B	B	B	-	B	A
RM3882	10	2.7	H	B	B	B	A	B	A	B	B	B	H	B	A	B	B	B	A	B	A	B	B	B	A	B	B	B	A	B	B	B	B	A	B	B	A	B	A	B	A	B	B	B	B	B	B	B	B	B	B	B	B	H	B	B	A	A	B	B	B	A	B	H	A	B	B	B	A	A	B	B	A	A	B	B	A	A	B	B	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	-	B	B	B	B	B	B	B	H	A	A	B	B	B	H	B	B	B	B	B	H	A	B	B	B	B	A	B	B	B	B	B	A
RM7217	10	4.3	H	B	A	B	A	B	A	H	-	B	B	B	B	B	B	B	A	A	B	B	B	B	A	B	B	B	A	B	B	B	B	B	B	B	A	A	A	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	A	B	A	B	A	B	B	B	B	H	B	B	B	B	A	A	B	B	A	B	B	B	A	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	-	B	B	B	B	B	B	B	B	B	B	H	A	A	B	B	B	B	B	B	B	B	B	A	A	H	B	B	B	A	A	B	B	B	B	A
RM1859	10	13.9	H	B	A	B	A	B	A	H	B	B	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	A	H	B	B	A	B	B	A	A	B	B	B	B	B	B	B	B	A	A	B	B	B	B	B	B	B	B	-	A	A	B	A	B	B	B	B	-	B	B	B	B	B	A	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	-	B	B	B	A	A	A	B	H	B	B	B	B	A	B	A	A	B	A	B	B	B	A	A	B	B	B	B	A
RM5147	10	15.0	A	B	B	B	A	B	A	B	B	B	B	A	B	B	B	B	A	B	A	B	B	A	A	B	B	B	A	B	B	B	B	B	A	B	B	A	A	B	A	H	B	A	B	B	B	A	A	B	B	B	B	B	A	B	B	A	B	B	B	B	A	B	B	B	B	B	A	A	B	A	A	B	B	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	-	B	A	B	A	A	B	B	B	B	-	B	B	-	B	A	A	B	A	B	B	B	H	A	B	-	B	B	A
RM5352	10	21.6	A	B	B	A	B	B	B	A	A	B	B	A	H	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	A	B	B	B	A	A	A	A	A	H	B	B	H	A	B	A	A	B	B	B	B	A	B	B	B	A	B	-	-	B	A	B	B	B	A	B	B	B	B	B	B	B	B	A	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	B	B	B	B	B	A	B	A	B	B	A	B	B	B	A	B	B	A	B	H	B	B	A	B	B	B	B	B	H
RM333	10	22.9	A	B	B	A	B	B	B	A	B	B	B	A	A	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	A	A	A	A	B	B	B	B	B	-	A	A	A	H	A	A	B	B	A	B	B	A	A	H	B	B	B	B	A	B	B	A	B	B	B	A	B	A	A	A	A	B	B	B	H	A	B	B	B	B	B	B	A	B	A	-	B	B	B	B	A	B	A	A	A	H	B	B	A	B	A	A	B	B	B	A	B	B	B	A	B	B	A	B	H	B	B	A	B	B	B	B	B	B
		23.7
RM1761	11	0.3	B	B	B	B	B	B	B	A	B	B	B	B	B	B	H	B	A	B	B	A	A	B	B	B	-	B	H	B	A	A	B	B	B	B	B	B	A	B	B	B	-	A	H	A	B	B	A	B	A	B	B	B	A	B	B	A	B	A	B	H	B	B	A	B	B	B	A	B	B	A	B	A	A	A	A	B	A	B	B	A	B	B	B	B	B	H	A	B	B	B	B	A	B	B	-	B	A	B	B	B	B	B	B	B	B	B	A	B	A	A	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B
OS37D03-20	11	0.5	B	B	B	B	B	B	B	A	B	B	B	B	B	B	H	B	A	B	B	A	A	B	B	B	B	B	H	B	A	A	B	B	B	B	B	B	A	B	B	B	B	A	H	A	B	B	A	B	A	B	B	B	A	B	B	A	B	A	B	H	B	B	A	B	B	-	B	A	B	A	A	A	A	A	B	A	B	B	B	A	B	B	B	B	B	H	A	B	B	B	B	A	B	B	B	B	A	B	B	B	B	B	B	B	B	B	A	B	A	A	B	A	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B
S0177-02	11	4.0	-	B	B	B	B	B	A	A	B	B	B	B	-	-	B	-	A	B	A	A	B	B	B	B	B	B	A	B	-	A	B	B	B	B	B	B	A	B	A	B	B	B	-	A	B	B	B	A	A	B	A	B	B	H	B	A	B	A	B	B	B	A	A	B	B	B	B	-	A	A	B	B	A	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	-	B	B	B	B	B	B	A	B	B	H	B	B	B	B	B	A	B	H	B	B	B	A	B	B
RM3625	11	6.7	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	A	B	B	A	B	B	B	B	B	B	A	A	A	A	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	A	B	A	A	A	B	B	B	B	A	B	B	A	B	B	B	A	A	B	B	B	A	B	A	B	A	B	B	B	A	A	B	B	A	B	B	B	B	A	B	B	A	B	-	B	B	B	A	B	A	-	-	-	-	B	B	B	A	B	B	B	A	B	A	B	A	B	B	B	B	B	B	A	B	B	A	B	-	B	B	B
S0178-06	11	7.2	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	A	B	B	A	B	B	B	B	B	B	A	A	A	A	B	B	B	B	B	B	A	B	A	B	B	B	B	B	B	A	B	A	A	A	B	B	B	B	A	B	B	A	B	B	B	A	A	B	B	B	A	B	A	B	A	B	B	B	A	A	B	B	A	B	B	B	B	A	B	B	A	B	B	B	B	B	A	B	A	B	A	B	B	B	B	B	A	B	B	B	A	B	A	B	A	B	B	B	B	B	-	A	B	B	A	B	B	B	B	B
RM3721	11	17.1	B	B	B	B	A	B	B	B	B	A	A	B	A	A	B	-	B	B	B	B	A	B	B	B	B	B	B	-	A	A	B	B	B	A	A	B	A	B	A	B	B	B	A	H	B	B	B	B	B	B	B	A	A	A	B	B	B	A	B	B	B	A	A	B	B	A	A	B	A	A	B	B	B	B	A	A	A	B	B	H	B	B	A	B	A	B	B	A	B	-	B	B	B	A	B	A	B	B	B	A	B	A	H	A	B	A	A	B	A	A	A	A	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B
RM1355	11	19.5	B	B	B	B	A	B	A	B	B	A	A	B	B	A	B	-	B	B	B	B	A	A	B	B	B	B	B	A	B	A	-	B	B	B	B	B	A	B	A	B	H	B	A	B	B	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	-	B	B	B	B	B	A	A	A	A	B	B	B	B	A	A	B	B	B	H	B	B	A	B	A	B	B	B	H	A	B	B	B	B	A	B	B	B	B	A	-	A	H	A	B	A	A	A	A	A	B	A	B	B	B	B	B	B	A	B	B	A	B	B	B	B	B
S0185-16	11	23.7	A	B	B	B	B	B	A	A	B	B	A	B	A	A	B	B	B	A	B	-	B	A	A	B	B	B	B	B	B	A	B	B	B	B	A	B	A	B	A	B	-	B	B	B	B	B	A	B	B	B	B	A	A	A	B	B	B	A	B	B	B	B	B	B	-	A	B	B	B	B	H	B	B	B	B	A	A	B	B	H	B	B	B	-	B	B	H	-	A	B	B	B	B	B	A	A	B	A	-	B	-	B	-	A	B	B	A	B	B	A	A	A	B	B	B	B	B	B	A	B	B	B	B	A	A	B	B
RM2191	11	27.0	A	B	B	B	B	B	-	A	B	B	A	B	A	A	B	B	B	A	B	B	B	A	A	B	B	B	B	B	B	A	B	B	B	B	A	B	B	B	A	A	B	B	B	B	B	B	B	-	B	B	A	A	A	H	B	H	A	B	B	B	B	A	B	B	B	A	H	B	B	B	B	B	B	B	B	B	B	B	B	B	B	-	B	A	B	B	B	B	A	B	B	H	B	B	A	H	B	A	A	B	B	B	B	A	B	B	-	H	A	A	B	A	B	B	B	B	B	B	A	A	B	B	B	B	B	B	B
RM5926	11	30.8	B	B	B	A	B	B	B	A	B	B	B	B	B	A	B	B	-	A	B	B	B	H	A	B	B	B	B	B	B	H	B	-	B	B	A	B	B	B	A	B	B	B	H	-	A	B	B	B	B	B	B	A	A	A	B	H	B	B	B	B	B	B	A	B	B	B	A	A	A	B	B	B	A	A	B	B	B	B	B	B	B	B	A	B	B	-	B	A	B	B	B	B	B	A	H	B	A	H	A	H	B	B	A	B	B	A	H	-	A	B	A	B	B	B	B	B	B	A	A	B	B	B	B	B	B	-
		30.8
S0749-07	12	3.6	-	B	A	A	A	A	B	B	B	B	B	B	A	A	-	A	B	B	B	B	B	H	B	H	B	B	A	A	A	B	B	B	A	A	A	A	A	B	B	A	B	B	A	B	B	A	B	B	-	A	B	B	B	H	B	B	B	B	B	B	A	B	A	B	B	B	A	B	A	B	B	B	B	B	A	A	B	B	B	A	B	B	A	B	A	B	B	B	H	A	B	B	H	B	B	A	B	B	B	B	-	A	B	A	H	B	B	A	B	B	B	B	B	B	A	A	-	A	-	B	B	B	H	B	B	A	B
RM3455	12	4.9	B	B	A	A	A	B	B	B	B	B	B	A	A	B	A	B	B	B	B	B	B	H	B	A	B	B	B	A	A	B	B	H	A	A	A	A	B	B	B	A	B	B	A	B	B	A	B	B	B	A	B	B	B	H	B	B	B	B	B	A	B	B	A	B	B	B	A	B	B	A	B	B	B	B	A	A	B	B	B	A	B	B	A	B	A	B	B	B	B	B	B	H	B	B	B	A	B	B	B	B	B	A	B	B	H	B	B	H	B	B	B	B	B	B	B	B	B	A	B	B	B	B	A	B	B	A	B
RM6905	12	6.7	B	B	A	A	A	B	B	B	B	B	B	A	A	B	A	B	B	B	B	B	B	H	B	A	B	B	B	A	A	B	B	H	B	B	A	B	B	B	B	A	B	B	B	B	B	A	B	B	B	A	B	B	B	B	B	B	B	B	B	A	B	B	A	B	B	B	A	B	A	B	B	B	B	B	A	A	B	B	B	A	B	B	B	B	A	B	B	B	B	A	B	A	B	B	B	A	B	B	B	B	B	A	B	B	A	B	B	H	B	B	B	B	B	B	H	B	B	A	B	B	B	B	A	B	B	A	B
RM2972	12	19.3	-	B	A	B	A	-	B	B	B	B	-	B	-	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	H	B	A	B	B	B	B	B	B	B	B	B	B	B	A	-	B	B	B	B	B	B	B	B	B	B	B	B	B	A	A	B	B	B	A	B	B	B	B	B	B	B	A	A	B	-	B	B	B	B	B	B	B	B	B	-	B	B	A	B	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	A	B	A	B
RM2267	12	22.3	A	B	A	B	A	B	B	A	B	B	B	B	A	A	B	B	B	B	B	B	B	H	A	B	B	B	B	H	A	B	B	B	B	B	B	B	B	A	B	B	B	B	H	B	B	B	A	A	A	A	B	B	H	H	B	B	B	B	B	A	A	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	B	A	B	B	B	A	B	B	B	B	A	A	A	A	B	B	B	B	B	B	B	B	A	A	B	B	A	B	B	B	B	B	B	H	B	A	B	A	B	B	B	B	B	B	B	A	B	A	B
RM2309	12	22.3	A	B	B	B	A	B	B	A	B	B	B	B	A	A	B	B	B	B	B	B	-	H	A	B	B	B	B	A	A	B	B	B	B	B	B	-	-	A	B	B	B	-	B	B	B	A	H	A	B	B	B	B	H	H	B	B	-	-	-	-	A	B	B	B	B	-	B	B	-	B	B	B	B	B	B	B	B	B	B	A	B	-	B	A	B	B	B	B	A	A	A	A	B	B	B	B	B	B	B	B	A	A	B	B	A	H	B	B	B	B	B	H	B	A	B	H	-	B	B	B	B	B	B	-	B	-	B
RM5479	12	24.6	A	-	A	B	B	B	B	-	B	A	A	-	B	A	B	B	B	A	B	A	B	B	A	B	B	B	B	A	A	B	A	A	B	B	B	B	B	B	A	B	-	B	B	B	B	-	-	-	-	A	B	B	A	A	-	B	-	-	A	-	B	-	B	B	B	B	B	B	B	B	B	B	A	B	A	B	B	B	B	A	B	-	B	A	B	B	B	B	A	B	A	A	-	A	B	B	B	B	B	B	A	A	B	B	B	B	-	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	A	B	B	A
RM2197	12	27.6	A	B	B	B	B	-	B	H	B	B	A	A	B	B	B	B	B	A	B	A	B	B	A	B	B	B	B	A	H	B	A	B	B	B	B	B	B	B	A	B	B	B	H	B	B	B	A	B	B	A	B	B	B	H	A	B	B	B	B	A	B	B	A	B	B	B	B	A	B	H	B	A	B	B	B	B	B	B	A	B	B	-	A	-	B	B	B	A	B	B	A	B	B	B	B	B	B	B	B	A	A	B	B	B	H	B	B	B	B	B	B	B	B	B	A	B	B	B	B	B	B	B	B	B	B	B	B
		27.8

A : Nipponbare homo   B :Koshihikari homo   H :Hetero