

Table S3 Estimated Ka/Ks ratios of duplicated WAK/WAKL gene pairs in *Juglans regia* and *J. mandshurica*.

Homologous gene pairs			Ks	Ka	Ka/Ks
Jma000010712	vs.	LOC109020209	0.192936	0.386669	0.498969
Jma000010718	vs.	LOC108981954	0.244193	0.764108	0.319579
Jma000027379	vs.	LOC108991622	0.079230	0.101024	0.784267
Jma000010022	vs.	LOC109012425	0.471259	2.678511	0.175941
Jma000027397	vs.	LOC109012425	0.392332	0.863728	0.454231
Jma000028526	vs.	LOC109012490	0.396963	0.812479	0.488582
Jma000010022	vs.	LOC109012490	0.274119	0.499994	0.548244
Jma000012097	vs.	LOC109010810	0.375219	1.855395	0.202231
Jma000010725	vs.	LOC109014610	0.309044	0.476389	0.648721
Jma000028562	vs.	LOC108981029	0.026250	0.063764	0.411665
Jma000027379	vs.	LOC109014992	0.079230	0.101024	0.784267
Jma000027379	vs.	LOC108996119	0.313340	0.848647	0.369223
Jma000010618	vs.	LOC108980353	0.167197	0.277879	0.601688
Jma000021159	vs.	LOC118347739	1.556464	1.406164	1.106887

Jma000010170	vs.	LOC108988286	-	2.527744	-
Jma000001165	vs.	LOC108983353	0.008411	0.033246	0.252984
LOC10901082					
3	vs.	LOC108997248	0.254942	0.727140	0.350609
LOC10899611					
9	vs.	LOC109014992	0.269329	0.736894	0.365492
LOC10901242					
5	vs.	LOC108987648	0.435963	2.479207	0.175848
LOC10898801					
7	vs.	LOC108988017	0.000000	0.000000	-
LOC10901242					
5	vs.	LOC109012490	0.443470	3.244335	0.136690
LOC10898764					
8	vs.	LOC109012490	0.169246	0.483389	0.350123
LOC10901067					
7	vs.	LOC109012490	2.830937	3.088226	0.916687
LOC10898801					
7	vs.	LOC108987648	-	4.008405	-
LOC10901242	vs.	LOC108987648	0.435963	2.479207	0.175848

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LOC10898764

vs. LOC109012490 0.169246 0.483389 0.350123

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Jma000028608

vs. Jma000012097 0.357288 1.902357 0.187813

Jma0000001165

vs. Jma000024408 0.324248 2.451943 0.132241
