

**Table S8. UQ-NIP-Haplotype 1 chromosome sizes and number of telomeres**

Hap1-Chromosomes	Total size	Telomeres
OSUQ01-hap1-01	43,881,444	2
OSUQ02-hap1-02	36,408,562	2
OSUQ03-hap1-03	37,357,616	2
OSUQ04-hap1-04	35,866,358	2
OSUQ05-hap1-05	30,178,946	2
OSUQ06-hap1-06	32,049,832	2
OSUQ07-hap1-07	29,708,413	2
OSUQ08-hap1-08	28,566,876	2
OSUQ09-hap1-09	23,221,905	
OSUQ10-hap1-10	23,192,984	2
OSUQ11-hap1-11	30,691,512	2
OSUQ12-hap1-12	28,110,109	2