

Supplementary Table S1. Summary statistics of raw reads obtained from PGM Ion Torrent and Illumina platforms for rice (*Oryza sativa* spp. *japonica* var. Nipponbare) and wild rice (*Oryza rufipogon*-like plant from Australia). Quality distribution is represented as PHRED scores.

	Num. of reads	Approach	Length distribution	Length avg.	GC avg. [%]	Quality distribution	Quality avg.
<i>Oryza sativa</i> spp. <i>japonica</i> var. Nipponbare							
PGM Ion Torrent	6,655,114	Single reads	8-376	204	41.2	8-35	26
GAI Illumina [11]	9,689,084	Paired-end reads	36	36	46.3	2-34	29
	(4,844,542 each pair)						
Wild rice (<i>Oryza rufipogon</i> -like)							
PGM Ion Torrent	5,732,260	Single reads	8-362	189	41.3	6-36	25
HiSeq Illumina	390,365,066	Paired-end reads	100	100	41.5	2-40	32
	(195,182,533 each pair)						