

Table S7 Prediction results of coding genes after EVM integration

Gene Num	Gene len	AveGenLen	ExonLen	AveExonLen	ExonNum	AveExonNum	
36,756	194,291,038	5,285.97	51,917,599	1,412.49	187,829	5.11	
CDSLen	AveCDSlen	CDSNum	AveCDSNum	IntronLen	AveIntronLen	IntronNum	AveIntronnum
41,516,448	1,129.51	183,005	4.98	142,373,439	3,873.47	151,073	4.11

Gene Num: number of predicted genes; Gene len (bp): total length of gene; AveGeneLen (bp): average gene length; ExonLen (bp): total length of exon; AveExonLen (bp): the average of the total length of exons of each gene; ExonNum: number of exons; AveExonNum: average number of exons per gene; CDSLen (bp): total length of CDS; AveCDSlen (bp): average CDS length; IntronLen (bp): total length of introns; AveIntronLen (bp): the average of the total length of introns in each gene; IntronNum: number of introns; AveIntronNum: the average number of introns per gene.