Supplementary Data 9. Sources of gene models.

Source	EVidenceModeler weight	Suggested gene models	Comments
Augustus	1	10210	trained on PASA results
Augustus-HiQ	2	6883	trained on PASA results
CodingQuarry	2	21275	uses RNA-Seq mapped reads to derive gene models
GeneMark	1	20931	self-training
GlimmerHMM	1	19009	trained on PASA results
PASA	6	11326	uses mapped Trinity transcripts to derive gene models
SNAP	1	19296	trained on PASA results
Total		108930	