

TABLE S3
BLASTP results for genes predicted on BAC c0286M05 and c0171E08

BAC	Predicted gene	First Hit Accession	Annotation (species)	E. value	Comment
c0286M05	1*	EEH41564	hypothetical protein (<i>Paracoccidioides brasiliensis</i>)	0.94	
c0286M05	2*	XP_002446018	hypothetical protein (<i>Sorghum bicolor</i>)	3.00E-74	Third hit = ACA14488, GHD7 (<i>Oryza sativa</i> , Evalue=3e-30)
c0286M05	3	AF391808_7	RIRE2 orf3 (<i>Zea mays</i>)	6.00E-92	
c0286M05	4	ABQ44355	polyprotein (<i>Zea mays</i>)	0	
c0286M05	5	AAN40028	putative RIRE2 orf3 (<i>Zea mays</i>)	2.00E-11	
c0171E08	1	ABQ44355	polyprotein (<i>Zea Mays</i>)	6.00E-51	
c0171E08	2*	YP_379909	putative ATPase involved in DNA repair (<i>Chlorobium chlorochromatii</i>)	5.6	
c0171E08	3*	XP_002453913	hypothetical protein (<i>Sorghum bicolor</i>)	8.00E-56	
c0171E08	4*	ACN36685	unknown (<i>Zea mays</i>)	3.00E-53	
c0171E08	5	ACN34364	unknown (<i>Zea mays</i>)	4.00E-109	TE-related
c0171E08	6*	NP_001142422	hypothetical protein (<i>Zea mays</i>)	0.008	
c0171E08	7*	XP_002447409	hypothetical protein (<i>Sorghum bicolor</i>)	8.00E-34	Other hits indicate similarity with Plant invertase/pectin methylesterase inhibitor
c0171E08	8	ABF67936	Milt putative polyprotein (<i>Zea mays</i>)	1.00E-08	

* These genes are reported in Figure 3 :

c0286M05#1 = No Sign. Hit 1

c0171E08#2 = No Sign. Hit 2

c0171E08#6 = Hyp.3

c0286M05#2 = $\tilde{m}CCT$

c0171E08#3 = Hyp. 1

c0171E08#7 = PME1

c0171E08#4 = Hyp. 2