

**Table S10. Prediction of GO terms based on the conserved coexpression network CoExp<sub>TbrxLit</sub>.** Refer to Table S3 for more details.

	Biological Process		Molecular Function	Cellular Compartment	TriTrypDB annotation (v2.0)
	Cellular protein metabolic process	Regulation of cell cycle			
Tb11.46.0009	**	**		**	Hypothetical protein
Tb927.3.1940			*		Hypothetical protein
Tb927.5.3090			*		Hypothetical protein
Tb927.1.1390			*		Hypothetical protein
Tb927.5.590				*	Protein phosphatase 1

\*  $1 \times 10^{-4} < \text{p-value} \leq 0.01$   
 \*\*  $1 \times 10^{-7} < \text{p-value} \leq 1 \times 10^{-4}$