CENTRE DE RESSOURCES BIOLOGIQUES *TOXOPLASMA*
TOXOPLASMA BIOLOGICAL RESOURCE CENTER
http://www.toxocrb.com

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TgA 18001

Strain denomination	GUY001-JAG1		
Depositor	M.DEMAR	**Deposit history**	M.DEMAR > BRC Toxoplasma 2013
Host	Jaguar (Panthera onca)	**Tissue**	Heart
Disease	Chronic toxoplasmosis	**Genotype**	Haplogroup 11 [Complete sequencing]
Date of isolation	2004	**Geographic source**	South America > French Guiana >
Mouse virulence	Virulent	**Other characteristics**	/
Available parasitic stages	Tachyzoite (8.10^6/cryovial) and/or Bradyzoites (60 cysts/cryovial)	**Shipped**	Frozen
Propagation at BRC	Cell culture, grown with human foreskin fibroblast cells VERO or with human monocytes THP-1 Mouse passages.		
References	Lorenzi H et al. Local admixture of amplified and diversified secreted pathogenesis determinants shapes mosaic Toxoplasma gondii genomes. Nat commun. 2016 Jan 7;7:10147.doi:10.1038/ncomms10147. Mercier A, Ajzenberg D, Devillard S, Demar MP, de Thoisy B, Bonnabau H, Collinet F, Boukhari R, Blanchet D, Simon S, Carme B, Dardé ML. Human impact on genetic diversity of Toxoplasma gondii: Example of the anthropized environment from French Guiana. Infect.Genet.Evol. doi:10.1016/j.meegid.2011.05.003. Bertranpetit E, Jombart T, Paradis E, Pena H, Dubey J, Su C, Mercier A, Devillard S, Ajzenberg D. Phylogeography of Toxoplasma gondii points to a South American origin. Infect Genet Evol. 2016 Dec 24;48:150-155. [IF,2.59-SIGAPS C]		