Test of substitution saturation (Xia et al. 2003; Xia and Lemey 2009)

T DF

Analysis performed on all sites.

Testing whether the observed Iss is significantly lower than Iss.c. IssSym is Iss.c assuming a symmetrical topology.

IssAsym is Iss.c assuming an asymmetrical topology.

lss lss.cSym

4 8 16 32	0.680 0.767	0.803 0.786	3.954 0.477	1319 1319	0.0000 0.0001 0.6336 0.0469	0.701 0.598	0.667 4.086	1319 1319	0.0000 0.5049 0.0000 0.0000							
	two-tailed t	-			0.0469	0.477	7.559	1319	0.0000							
==== Interpr	etation of signific		:===== : ference	=====	=====	======	:====:	=====	=====	====	====	====	====	====	:====	====
	Yes	No														
lss < lss.c Little saturation		_	Substantial saturation													
lss > lss.c Useless sequences		Very poor for phylogenetic														

T DF

P Iss.cAsym

Please cite:

NumOTU

Xia, X., Z. Xie, M. Salemi, L. Chen, Y. Wang. 2003. An index of substitution saturation and its application. Molecular Phylogenetics and Evolution 26:1-7.

Xia, X. and Lemey, P. 2009. Assessing substitution saturation with DAMBE. Pp. 615-630 in Philippe Lemey, Marco Salemi and Anne-Mieke Vandamme, eds. The Phylogenetic Handbook: A Practical Approach to DNA and Protein Phylogeny. 2nd edition Cambridge University Press.