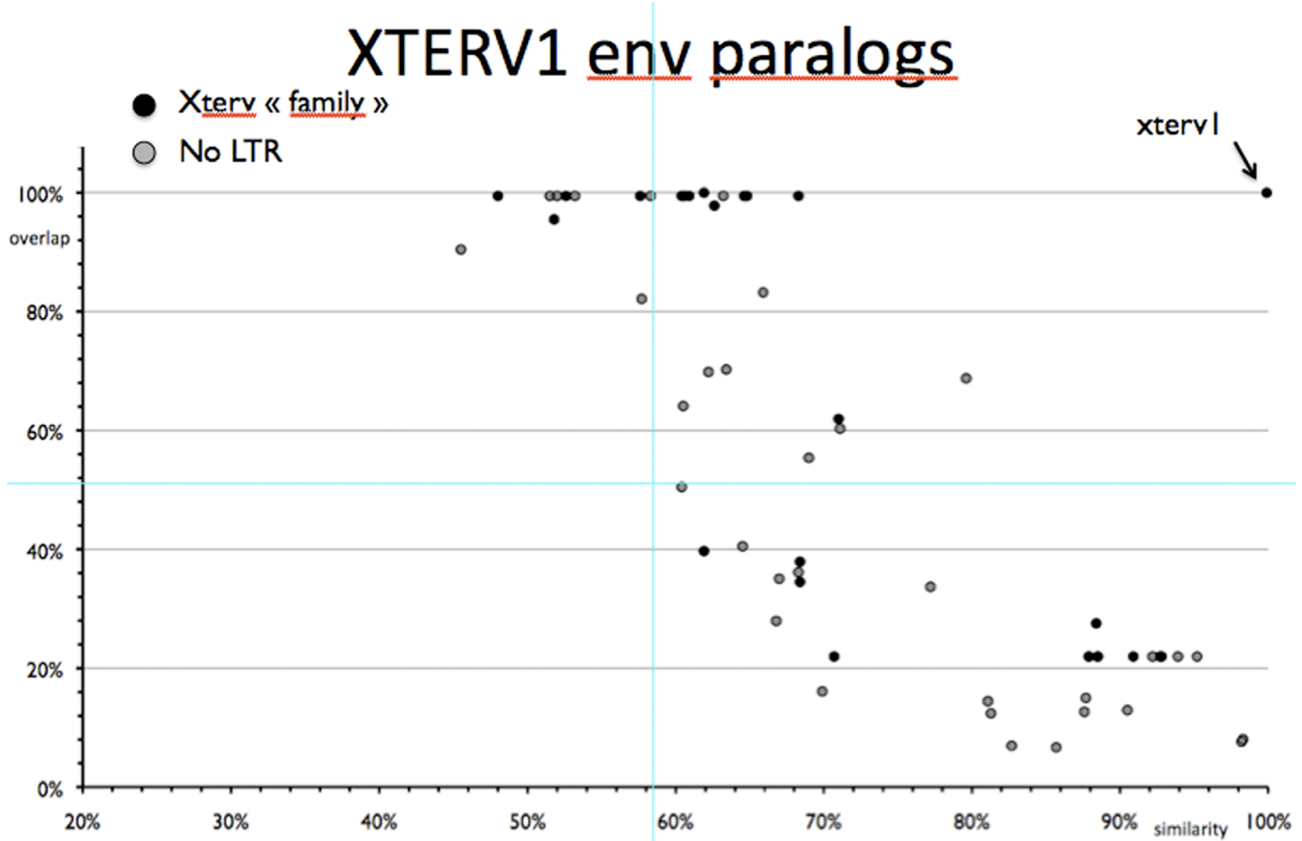


Supplementary data 4 . : Estimation of the copy number of full-length XTERV1 elements by *in silico*

1. *In silico* search of full-length XTERV1-like elements using XTERV1 FR47env ORF amino acid sequence as a query in tblastn.



2. *In silico* genomic mapping of the 10 XTERV1 full-length copies identified within *X. tropicalis* genome.

Scaffold match	Name of XTERV1 elements	Scaffold size	Identity %	Alignment size	Coverage %	XTERV1 Align .start	XTERV1 Align .stop	Scaffold match 5'boundary
387	XTERV1	1134611	99.9	742	100	1	742	1125395
3285	XTERV1-like_3285	12688	84.2	165	21.96	573	742	5751
107	XTERV1-like_107	2722880	49.3	282	37.93	5	282	705974
577	XTERV1-like_577	713541	47.9	739	99.45	5	742	195930
941	XTERV1-like_941	272995	47.8	751	99.45	5	742	144730
397	XTERV1-like_397	1109245	44.4	738	99.45	5	742	413611
1234	XTERV1-like_1234	147483	42.9	294	39.7	5	295	17421
527	XTERV1-like_527	813203	42.8	729	97.8	17	742	393018
1054	XTERV1-like_1054	198251	39.8	783	99.45	5	742	110072
685	XTERV1-like_685	552873	38.9	792	99.45	5	742	275832
397	XTERV1-like_397	1109245	38	707	95.5	5	704	242535