

Table S1.

Transposases sequences used as queries in the TBLASTN search (GI, family and subfamily) with the number of clusters obtained by a reciprocal BLASTX using the longest element of each cluster.

Transposase	Accession (GI) or reference	Family based on catalytic domain	Subfamily	Number of clusters
<i>mariner</i> search				
MOS1	75009976	<i>mariner</i> (DD(34)D)	mauritiana	12
HVMAR1	1708663	<i>mariner</i> (DD(34)D)		2
DGMAR1	887424	<i>mariner</i> (DD(34)D)	cecropia	3
CEMAR1	7331903	<i>mariner</i> (DD(34)D)	elegans	0
FAMAR1	75008822	<i>mariner</i> (DD(34)D)	mellifera	22
PACMAR2	19692999	<i>mariner</i> (DD(34)D)	marmorata	1
DROMAR23	Wallau <i>et al.</i> 2014	<i>mariner</i> (DD(34)D)	irritans	17
DROMAR8	Wallau <i>et al.</i> 2014	<i>mariner</i> (DD(34)D)	drosophila	32
<i>Non-mariner</i> search				
Tc1	141446	<i>Tc1</i> (DD34)E		8
Tc3	464866	<i>Tc1</i> (DD34)E		4
S	2133730	<i>Tc1</i> (DD34)E		20
Ag	16266047	DD(37)E		0
Tc4	156453	<i>Pogo</i> (DDxD)		
Jerky	157822169	<i>Pogo</i> (DDxD)		7
Tigger1	2226004	<i>Pogo</i> (DDxD)		3
PogoR11	2133672	<i>Pogo</i> (DDxD)		
Lemi1	4262216	<i>Pogo</i> (DDxD)		
Fot1	2723	<i>Pogo</i> (DDxD)		
Fot5	38520869	<i>Pogo</i> (DDxD)		2
Bmmar1	1698453	DD(37)D		7
Ant1	191148	DDxE		1
Offalax	438828	DDxE		
rhizobium	1072027	DDxE		2