

Table. Proposed Groups and Clades of non-LTR retrotransposons.

Group	Clade	Representative	Species	References
R2				(Eickbush and Malik 2002)
	CRE	CRE2	Crithidia fasciculata	(Malik, Burke and Eickbush 1999)
	Genie	Genie1A/GilM	Giardia lamblia	(Burke et al. 2002)
	R2	R2Dm	Drosophila melanogaster	(Malik, Burke and Eickbush 1999)
	R2-A	R2Dr	Danio rerio	(Kojima and Fujiwara 2005b) <sup>(1)</sup>
	R2-B	R2-1_TCas	Tribolium castaneum	(Kojima and Fujiwara 2005b) <sup>(1)</sup>
	R2-C	R2Sm-A	Schistosoma mansoni	(Kojima and Fujiwara 2005b) <sup>(1)</sup>
	R2-D	R2Dm	Drosophila melanogaster	(Kojima and Fujiwara 2005b) <sup>(1)</sup>
	R4	R4	Ascaris lumbricoides	(Malik, Burke and Eickbush 1999)
	NeSL	NeSL-1	Caenorhabditis elegans	(Malik and Eickbush 2000)
	HERO	HERODr	Danio rerio	(Kojima et al. 2006)
Dualen				(Kojima and Fujiwara 2005a)
	Dualen/RandI	DualenCr1	Chlamydomonas reinhardtii	(Kojima and Fujiwara 2005a)
Ambal				
	Ambal	Ambal-1_FCy	Fragilariopsis cylindrus	(Kapitonov and Jurka 2010)
L1				(Eickbush and Malik 2002)
	L1	L1	Homo sapiens	(Malik, Burke and Eickbush 1999)
	Tx1	Tx1L	Xenopus laevis	(Putnam et al. 2007)
	Proto1	Proto1-1_NG	Naegleria gruberi	(Kapitonov and Jurka 2009a)

?	Deceiver	LbNLR8	<i>Laccaria bicolor</i>	(Novikova, Fet and Blinov 2009)
RTE				(Eickbush and Malik 2002)
	RTE	RTE-1	<i>Caenorhabditis elegans</i>	(Malik, Burke and Eickbush 1999)
	RTEX	RTEX-1_NV	<i>Nematostella vectensis</i>	(Putnam et al. 2007)
	ORTE	ORTE-1_AAe	<i>Aedes aegypti</i>	(Kojima and Jurka 2011b)
	RTETP	RTE-1_TP	<i>Thalassiosira pseudonana</i>	(Kapitonov, Tempel and Jurka 2009)
	Proto2	Proto2-1_BF	<i>Branchiostoma floridae</i>	(Kapitonov and Jurka 2009b)
	IRTE			
?	Inkcap	SrNLR1	<i>Sporobolomyces roseus</i>	(Novikova, Fet and Blinov 2009)
?	REP	REP1	<i>Tetrahymena thermophila</i>	(Fillingham et al. 2004)
I				(Eickbush and Malik 2002)
	I	I	<i>Drosophila melanogaster</i>	(Malik, Burke and Eickbush 1999)
	Ingi	Ingi	<i>Trypanosoma brucei</i>	(Eickbush and Malik 2002)
	Vingi	Vingi-1_EE	<i>Erinaceus europaeus</i>	(Kojima, Kapitonov and Jurka 2011)
	Outcast	Ag-Outcast-6	<i>Anopheles gambiae</i>	(Biedler and Tu 2003)
	Loner	Ag-Loner-1	<i>Anopheles gambiae</i>	(Biedler and Tu 2003)
	Nimb	nimbus	<i>Biomphalaria glabrata</i>	(Kapitonov, Tempel and Jurka 2009)
	R1	R1Bm	<i>Bombyx mori</i>	(Malik, Burke and Eickbush 1999)
	LOA	LOA	<i>Drosophila silvestris</i>	(Malik, Burke and Eickbush 1999)
	Tad1	Tad1	<i>Neurospora crassa</i>	(Malik, Burke and Eickbush 1999)
	Jockey	Jockey	<i>Drosophila melanogaster</i>	(Malik, Burke and Eickbush 1999) <sup>(2)</sup>

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CR1				(Putnam et al. 2007)
	CR1	CR1	Gallus gallus	(Malik, Burke and Eickbush 1999)
	L2	CR1-1_DR	Danio rerio	(Lovsin, Gubensek and Kordi 2001)
	Rex1	REX1_DR	Danio rerio	(Volf, Korting and Scharl 2000)
	L2A	CR1-34_HM	Hydra magnipapillata	(Kapitonov, Tempel and Jurka 2009)
	L2B	CR1-1_AG	Anopheles gambiae	(Kapitonov, Tempel and Jurka 2009)
	Daphne	Daphne_DS	Darwinula stevensoni.	(Schon and Arkhipova 2006)
	Crack			(Kapitonov, Tempel and Jurka 2009)
	Kiri	Kiri-1_CQ	Culex quinquefasciatus	(Kojima and Jurka 2011a)
	Odin	Odin-1	Oikopleura dioica	(Volf et al. 2004)

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(1) In this paper, the R2 clade was divided into 4 clades (R2-A, R2-B, R2-C, and R2-D).

(2) The Jockey clade was classified in the Jockey group in (Eickbush and Malik 2002), but in (Putnam et al. 2007) it was classified into the I group.

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