

Online Resource 1

The composition of repeat elements in PER71 genome

Class/Family		Count	Size (bases)	Portion of genome (%)
LTR	Gypsy	964	2,091,991	3.12
	Copia	288	306,322	0.46
DNA	CMC-EnSpm	86	54,128	0.08
	hAT-Ac	46	12,254	0.02
RC/Helitron		198	225,185	0.36
Unclassified		8,499	4,527,628	6.75
Simple repeat		10,822	465,047	0.70
Low complexity		1,689	83,531	0.12