

Supplementary Table 1. Number of retrocopies, transcribed retrocopies and retrogenes and references

<i>Taxonomic group</i>	<i>Species</i>	<i>Retrocopies¹</i>	<i>Transcribed Retrocopies</i>	<i>Retrogenes</i>
Eutherian mammals	Human	3664 [1]		
		18556 [2]		
		18700 [3]		
		3951 [4]		
		3590 [5]	1080	~120
		2493 [6]		631
		12,700 [7]	726	692
		3771 [8]		
		4199 [9]		141
		4738 [10]		131
		4097 [11]		
		7831 [12]	1304	
		5159 [13]	358	199
		Chimpanzee	2157 [9]	
	1889 [6]			476
	7478 [12]		1500	
	4873 [13]		491	
	Gorilla	7706 [12]	1461	
		4638 [13]	491	215
	Orangutan	6873 [12]	846	
		5127 [13]	420	194
	Macaque	7502 [12]	1324	
		4923 [13]	528	198
	Common marmoset	10465 [12]		
	Squirrel monkey	9320 [12]		
	Mouse	8438 [2]		
		20360 [3]		
3137 [8]				
7109 [12]				
3129 [9]			83	

		2969 [6]		663
		5569 [13]	420	213
	Rat	7364 [12]		
		4520 [6]		567
		3298 [9]		83
		5889 [13]	389	280
	Cow	1996 [6]		790
	Dog	2777 [8]		
		1913 [9]		
		3505 [6]		409
Marsupials	Opossum	1992 [8]		
		3036 [13]	421	256
Monotremes	Platypus	542 [10]		92
		260 [13]	67	88
Birds	Chicken	720 [6]		321
		78 [10]		51
		70 [13]	30	36
				27 [14]
	Zebrafinch			22 [14]
Reptiles	<i>Anolis carolinensis</i>	404 [10]		136
Amphibians	<i>Xenopus tropicalis</i>	398 [10]		140
	Zebrafish	652 [15]		127
		195 [10]		119
	<i>Tetraodon nigroviridis</i>	644 [6]		227
		90 [10]		60
	<i>Fugu rubripes</i>	182 [10]		142
	Stickleback	132 [10]		111
	Medaka	218 [10]		131
	Coelacanth	472 [16]		85
Tunicates	Ciona	110 [10]		96
Cephalochordates	Lancelet	337 [10]		176
Diptera	<i>Drosophila</i>			94 [17]
	<i>melanogaster</i>			102 [18]

	<i>Anopheles gambiae</i>		190 [19]
	<i>Aedes aegypti</i>		133 ² [20]
Lepidoptera	Silkworm		27 [14] 68 [21]
Nematodes	<i>Caenorhabditis</i> ³		9-48[22, 23]
Dicots	<i>Arabidopsis thaliana</i>	69 [24] 83 [25]	47 251
	Poplar	106 [25]	95
Monocots	Rice	1235 [26] 150 [27]	495
Algae	<i>Chlamydomonas</i>		60 [28]
	<i>Volvox</i>		81 [28]

¹Retrocopies include both retropseudogenes and retrogenes except some references

²A minimum of 133 retrogenes were annotated in *A. aegypti*

³Retrogenes from five *Caenorhabditis* species are shown

Supplementary table references:

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