

Additional file1

Total base pairs, the number of blocks and the average size of blocks.

Although the number of total bases in lineages is not the same, results do not noticeably depend on whether this is resolved by the use of trimmed blocks of the same size or untrimmed blocks of different sizes.

	primate	rodent	primate	laurasia-theria	laurasiat-heria	rodent
Correlation	0.098		0.124		0.216	
p-value	1.4E-254		0		0	
Total block	119009		646693		49649	
Total (bp)	17.89M	12.34M	77.13M	63.04M	6.17M	5.22M
Average size (bp)	150	103	119	97	124	105