Supplementary material

The estimated pacemaker for great apes supports the hominoid slowdown hypothesis
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1) Variation in ILS across chromosomes. Each vertical bar represents the frequency of gene trees that did not match the species tree. The dashed horizontal red line indicates the mean frequency of ILS across autosomes. The X chromosome shows the lowest frequency of ILS.
2) List of genomic regions from Orthomam database used in this study.

- ENSG00000000005_TNMD
- ENSG00000000457_SCYL3
- ENSG00000000460_C1orf112
- ENSG00000001084_GCLC
- ENSG00000001167_NFYA
- ENSG00000001460_STPG1
- ENSG00000001461_NIPAL3
- ENSG00000001497_LAS1L
- ENSG00000001561_ENPP4
- ENSG00000001617_SEMA3F
- ENSG00000001626_CFTR
- ENSG00000002016_RAD52
- ENSG00000002330_BAD
- ENSG00000002549_LAP3
- ENSG00000002587_H3ST1
- ENSG00000002822_MAD1L1
- ENSG00000002834_LASP1
- ENSG00000003056_M6PR
- ENSG00000003096_KLHL13
- ENSG00000003147_ICA1
- ENSG00000003393_ALS2
- ENSG00000003402_CFLAR
- ENSG00000003436_TFP1
- ENSG00000003509_NDUFAF7
- ENSG00000003987_MTMR7
- ENSG00000003989_SLC7A2
- ENSG00000004139_SARM1
- ENSG00000004142_POLDIP2
- ENSG00000004399_PLXND1
- ENSG00000004455_AK2
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- ENSG00000004478_FKBP4
- ENSG00000004487_KDM1A
- ENSG00000004534_RBM6
- ENSG00000004660_CAMKK1
- ENSG00000004700_RECQL
- ENSG00000004766_VPS50
- ENSG00000004776_HSPB6
- ENSG00000004799_PDK4
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- ENSG00000004961_HCCS
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- ENSG00000005020_SKAP2
- ENSG00000005022_SLC25A5
- ENSG00000005050_THSD7A
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- ENSG00000005156_LIG3
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- ENSG00000005187_ACSM3
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- ENSG00000005206_SPPL2B
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- ENSG00000005381_MPO
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- ENSG00000005428_CUBN
- ENSG00000005436_GCFC2
- ENSG00000005448_WDR54
- ENSG00000005450_CROT
- ENSG00000005458_KMT2E
- ENSG00000005471_ABCB4
- ENSG00000005483_KMT2E
- ENSG00000005513_SOX8
- ENSG00000005520_PBP3D
- ENSG00000005522_CUBN
- ENSG00000005539_HCCS
- ENSG00000005580_HPS1
- ENSG00000005581_MYCBP2
- ENSG00000005584_JORC
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| ENSG00000100393 | EP300 |

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| ENSG00000106591 | MRPL32      |
| ENSG00000106605 | BLVR A       |
| ENSG00000106608 | URGCP       |
| ENSG00000106615 | RHEB        |
| ENSG00000106617 | PRKAG2      |
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| ENSG00000137409 | MTCH1       |             |             |
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| ENSG00000137462 | TLR2        |             |             |
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| ENSG00000137496 | IL18BP      |             |             |
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| ENSG00000137500 | CDDC90B     |             |             |
| ENSG00000137501 | SYTL2       |             |             |
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| ENSG00000137507 | LRRC32      |             |             |
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| ENSG00000137547 | MRPL15      |             |             |
| ENSG00000137558 | PI15        |             |             |
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| ENSG00000142733 | MAP3K6 | ENSG00000142295 | LORX |
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| ENSG00000146592 | CREB5       |             |
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| ENSG00000146648 | EGFR        |             |
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| ENSG00000146826 | C7orf43     |             |
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| ENSG00000146842 | TMEM209     |             |
| ENSG00000146856 | AGLB3       |             |
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| ENSG00000146909 | NOM1        |             |
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| ENSG00000146950 | SHROOM2     |             |
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| ENSG00000147010 | SH3KBP1     |             |
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| ENSG00000148396 | SEC16A      |             |
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| ENSG00000156466 | GDF6  | ENSG00000156990_RPUSD3 | ENSG00000157557_ETS2 |
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