

[illegible]

Gorilla gorilla gorilla	ATAACACATAAGATCATTTATCGCACATAGCACAT.CCCAGTTAAATCACCTCGTCCCCACGGATGCCCCCCTCAGATGGAAATCCCTTGAAC	303
Gorilla beringei beringei	ATAATACATAAAATCATTTACCGTCCATAGTACAT.TCCAGTTAAACCATCCTCGCCCCACGGATGCCCCCTTCAGATAGGGATCCCTTAAAC	304
Gorilla beringei graueri	ATAGTACATAAAATCATTTACCGTCCATAGCACAT.TCCAGTTAAACCATCCTCGCCCCACGGATGCCCCCCTCAGATAGGGGTCCCTTAAAC	304
Puti Orangutan	ATAGCACATACTATCCTA.ACCGCACATAG.CACATCCCGTTAAAAACCTGCTCATCCCCACGGATGCCCCCCTCAGTTAGTAATCCCTTACTC	352
Jari Orangutan	ATAGCACATACTATCCTA.ACCGCACATAG.CACATCCCGTTAAAAACCTGCTCATCCCCACGGATGCCCCCCTCAGTTAGTAATCCCTT....	345
Human	ATAGTACATAAAGGCATTTACCGTACATAGCACATTACAGTCAAATCCCTTCTCGTCCCCATGGATGACCCCCCTCA.....	360
German Neanderthal	ATAGCACATAAAGTCATTTACCGTACATAGCACATTACAGTCAAATCCCTTCTCGCCCCCATGGATGACCCCCCTCAGATAGGGTCCCTTGAAT.	379
Russian Neanderthal	ATAGCACATAAAGTCATTTACCGTACATAGCACATTATAGTCAAATCCCTTCTCGCCCCCATGGATGACCCCCCTCAGATAGGGGTCCCTTGA..	345
Pan troglodytes troglodytes	ATAGTACATAACAGCCGTACATTCGCACATAGCACATTACAGTCAAATCCATCCTTGCCCCACGGATGCCCCCCTCAGATAGG.....	340
Pan troglodytes schweinfurthii	ATAGTACATAACAACCGTACACCAATACATAGCACATTACAGTCAAATCCATCCTCGCCCCACGGATGCCCCCCTCAGATAGG.....	339
Pan troglodytes ellioti	ATAGCACATACAATCACACACCGTACATAGCACATTACAGTCAAATCCATCCTCGCCCCACGGATGACCCCCCTCAGATAGGAAATCCCTTGAACC	348
Pan troglodytes verus	ATAGTACATACAATCATACACCGTACATAGCACATTACAGTCAAATCTCTTCCTCGTCCCCACGGATGCCCCCCTCAGATAGG.....	339
consensus	!!!*!!!!!!***!***!*!*!***!!*!	

Gorilla gorilla gorilla	ACCATCCTCCGTGAAATCAATATCCCGCACAAAGAGTGCTACTCCCCTCGCTCCGGGGCCCATGACAC....	369
Gorilla beringei beringei	ACCATCCTCCGTGAAATCAATATCCCGCACAAAGAGTGCTACTCTCCTCGCTCCGGGGCCCATAAACACCTGG	374
Gorilla beringei graueri	ACCATCCTCCGTGAAATCAATATCCCGCACAAAGAGTGCTACTCTCCTCGCTCCGGGGCCCATAAACGCCTGG	374
Puti Orangutan	AC.....	354
Jari Orangutan		345
Human		360
German Neanderthal		379
Russian Neanderthal		345
Pan troglodytes troglodytes		340
Pan troglodytes schweinfurthii		339
Pan troglodytes ellioti	ACCATCCTCCGTGAAATCAATATCCCGCACAAAGAGTGCTACTCTCCTCGCTCCGGGGCCCATAA.....	411
Pan troglodytes verus		339
consensus		

X

non-conserved

X

≥ 50% conserved