Figure S3

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                    1         10        20        30        40        50        60
Human               MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Bonobo              MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Chimpanzee          MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Gorilla             MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Bornean orangutan   MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Sumatran orangutan  MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
White-cheeked gibbon MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Red-cheeked gibbon  MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Siamang             MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Pileated gibbon     MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Agile gibbon        MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
White-handed gibbon MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Talapoin            MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Wolf's guenon       MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Cynomolgus macaque  MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Rhesus macaque      MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Red-capped mangabey MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Sooty mangabey      MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Black mangabey      MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Olive baboon        MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Colobus             MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
Leaf monkey         MVNPTVFFDIAVDGEPLGRVSFELFADKVPKTAENFRALSTGEKGFGYKGSCFHRIIPGF
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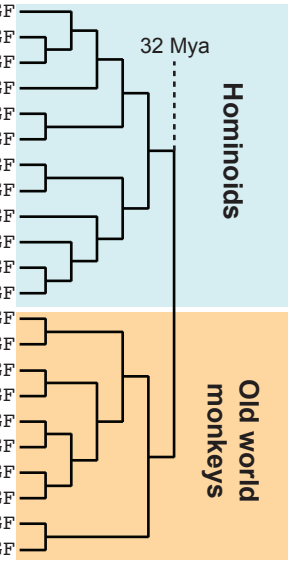


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Human               MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Bonobo              MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Chimpanzee          MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Gorilla             MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Bornean orangutan   MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Sumatran orangutan  MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
White-cheeked gibbon MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Red-cheeked gibbon  MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Siamang             MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Pileated gibbon     MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Agile gibbon        MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
White-handed gibbon MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Talapoin            MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Wolf's guenon       MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Cynomolgus macaque  MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Rhesus macaque      MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Red-capped mangabey MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Sooty mangabey      MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Black mangabey      MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Olive baboon        MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Colobus             MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
Leaf monkey         MCQGGDFTRHNGTGGKSIYGEKFEDENFILKHTGPGILSMANAGPNTNGSQFFICTAKTE
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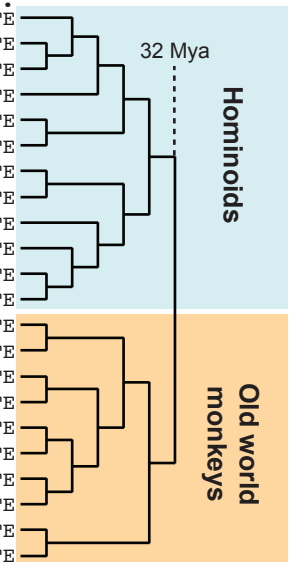


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                    121       130       140       150       160
Human               WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Bonobo              WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Chimpanzee          WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Gorilla             WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Bornean orangutan   WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Sumatran orangutan  WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
White-cheeked gibbon WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Red-cheeked gibbon  WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Siamang             WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Pileated gibbon     WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Agile gibbon        WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
White-handed gibbon WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Talapoin            WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Wolf's guenon       WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Cynomolgus macaque  WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Rhesus macaque      WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Red-capped mangabey WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Sooty mangabey      WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Black mangabey      WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Olive baboon        WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Colobus             WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
Leaf monkey         WLDGKHVVFGKVKEGMNIVEAMERFGSRNGKTSKKITIADCGQLE
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