

GEPHE SUMMARY

amylase ( <a href="https://www.gephebase.org/search-criteria?/and+Gene+Gephebase=^amylase^#gephebase-summary-title">https://www.gephebase.org/search-criteria?/and+Gene+Gephebase=^amylase^#gephebase-summary-title</a> )	Gephebase Gene	GP00001871	GepheID
Published	Entry Status	Courtier	Main curator

PHENOTYPIC CHANGE

Physiology ( <a href="https://www.gephebase.org/search-criteria?/and+Trait+Category=^Physiology^#gephebase-summary-title">https://www.gephebase.org/search-criteria?/and+Trait+Category=^Physiology^#gephebase-summary-title</a> )	Trait Category
Starch processing ( <a href="https://www.gephebase.org/search-criteria?/and+Trait=^Starch+processing^#gephebase-summary-title">https://www.gephebase.org/search-criteria?/and+Trait=^Starch+processing^#gephebase-summary-title</a> )	Trait
Sooty Mangabey and Rhesus Monkey	Trait State in Taxon A
Baboon	Trait State in Taxon B
Taxon A	Ancestral State
Intergenic or Higher ( <a href="https://www.gephebase.org/search-criteria?/and+Taxonomic+Status=^Intergenic+or+Higher^#gephebase-summary-title">https://www.gephebase.org/search-criteria?/and+Taxonomic+Status=^Intergenic+or+Higher^#gephebase-summary-title</a> )	Taxonomic Status

Taxon A #1	Latin Name
Cercocebus atys ( <a href="https://www.gephebase.org/search-criteria?/and+Taxon+and+Synonyms=^Cercocebus+atys^#gephebase-summary-title">https://www.gephebase.org/search-criteria?/and+Taxon+and+Synonyms=^Cercocebus+atys^#gephebase-summary-title</a> )	
sooty mangabey	Common Name
	Synonyms
Cercocebus torquatus atys; sooty mangabey; Cercocebus atys (Audebert, 1797)	
species	Rank
	Lineage
cellular organisms; Eukaryota; Opisthokonta; Metazoa; Eumetazoa; Bilateria; Deuterostomia; Chordata; Craniata; Vertebrata; Gnathostomata; Teleostomi; Euteleostomi; Sarcopterygii; Dipnotetrapodomorpha; Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Boreoeutheria; Euarchontoglires; Primates; Haplorrhini; Simiiformes; Catarrhini; Cercopithecoidea; Cercopithecidae; Cercopithecinae; Cercocebus	
Cercocebus () - (Rank: genus) ( <a href="https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=9529">https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=9529</a> )	Parent
9531 ( <a href="https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=9531">https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=9531</a> )	NCBI Taxonomy ID
No	is Taxon A an Intraspecies?

Taxon B	Latin Name
Papio anubis ( <a href="https://www.gephebase.org/search-criteria?/and+Taxon+and+Synonyms=^Papio+anubis^#gephebase-summary-title">https://www.gephebase.org/search-criteria?/and+Taxon+and+Synonyms=^Papio+anubis^#gephebase-summary-title</a> )	
olive baboon	Common Name
	Synonyms
Anubis baboon; Papio cynocephalus anubis; Papio doguera; Papio hamadryas anubis; Papio hamadryas doguera; olive baboon; Doguera baboon; Kenya baboon; baboon; Papio anubis (Lesson, 1827)	
species	Rank
	Lineage
cellular organisms; Eukaryota; Opisthokonta; Metazoa; Eumetazoa; Bilateria; Deuterostomia; Chordata; Craniata; Vertebrata; Gnathostomata; Teleostomi; Euteleostomi; Sarcopterygii; Dipnotetrapodomorpha; Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Boreoeutheria; Euarchontoglires; Primates; Haplorrhini; Simiiformes; Catarrhini; Cercopithecoidea; Cercopithecidae; Cercopithecinae; Papio	
Papio (baboons) - (Rank: genus) ( <a href="https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=9554">https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=9554</a> )	Parent
9555 ( <a href="https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=9555">https://www.ncbi.nlm.nih.gov/Taxonomy/Browser/wwwtax.cgi?id=9555</a> )	NCBI Taxonomy ID
No	is Taxon B an Intraspecies?

Taxon A #2	Latin Name
Macaca mulatta ( <a href="https://www.gephebase.org/search-criteria?/and+Taxon+and+Synonyms=^Macaca+mulatta^#gephebase-summary-title">https://www.gephebase.org/search-criteria?/and+Taxon+and+Synonyms=^Macaca+mulatta^#gephebase-summary-title</a> )	
Rhesus monkey	Common Name
	Synonyms
Rhesus monkey; rhesus macaque; rhesus macaques; rhesus monkeys; Macaca mulatta (Zimmermann, 1780)	
species	Rank
	Lineage
cellular organisms; Eukaryota; Opisthokonta; Metazoa; Eumetazoa; Bilateria; Deuterostomia; Chordata; Craniata; Vertebrata; Gnathostomata; Teleostomi; Euteleostomi; Sarcopterygii; Dipnotetrapodomorpha; Tetrapoda; Amniota; Mammalia; Theria; Eutheria; Boreoeutheria; Euarchontoglires; Primates; Haplorrhini; Simiiformes; Catarrhini; Cercopithecoidea; Cercopithecidae; Cercopithecinae; Macaca	



## EXTERNAL LINKS

## COMMENTS

Only one genome of baboon was investigated - *Papio hamadryas* has not been checked (according to 2019 e-mail of Omer Gokcumen) @ParallelEvolution in mice; humans; dogs; rats