Genomic data used for phylogenetic analysis

Used name	Species	Source	Link to proteins	Link to CDS
Human	*H. sapiens*	ensembl release-87	ftp://ftp.ensembl.org/pub /release-87/fasta/homo_sapiens/p ep/Homo_sapiens.GRCh 38.pep.all.fa.gz	ftp://ftp.ensembl.org/pu b/release-87/fasta/homo_sapiens/c ds/Homo_sapiens.GRCh 38.cds.all.fa.gz
Mouse	*M. musculus*	ensembl release-87	ftp://ftp.ensembl.org/pub /release-87/fasta/mus_musculus/p ep/Mus_musculus.GRC m38.pep.all.fa.gz	ftp://ftp.ensembl.org/pu b/release-87/fasta/mus_musculus/ cds/Mus_musculus.GR Cm38.cds.all.fa.gz
Rat	*R. norvegicus*	ensembl release-87	ftp://ftp.ensembl.org/pub /release-87/fasta/rattus_norvegicu s/pep/Rattus_norvegicus. Rnor_6.0.pep.all.fa.gz	ftp://ftp.ensembl.org/pu b/release-87/fasta/rattus_norvegic us/cds/Rattus_norvegicu s.Rnor_6.0.cds.all.fa.gz
Cat	*F. catus*	ensembl release-87	ftp://ftp.ensembl.org/pub /release-87/fasta/felis_catus/pep/ Felis_catus.Felis_catus_6 .2.pep.all.fa.gz	ftp://ftp.ensembl.org/pu b/release-87/fasta/felis_catus/cds/ Felis_catus.Felis_catus_ 6.2.cds.all.fa.gz
Cow	*B. taurus*	ensembl release-87	ftp://ftp.ensembl.org/pub /release-87/fasta/bos_taurus/pep/ Bos_taurus.UMD3.1.pep .all.fa.gz	ftp://ftp.ensembl.org/pu b/release-87/fasta/bos_taurus/cds/ Bos_taurus.UMD3.1.cds .all.fa.gz
Dog	*C. familiaris*	ensembl release-87	ftp://ftp.ensembl.org/pub /release-87/fasta/canis_familiaris/ pep/Canis_familiaris.Can Fam3.1.pep.all.fa.gz	ftp://ftp.ensembl.org/pu b/release-87/fasta/canis_familiaris /cds/Canis_familiaris.Ca nFam3.1.cds.all.fa.gz
Macaque	*M. mulatta*	ensembl release-87	ftp://ftp.ensembl.org/pub /release-87/fasta/macaca_mulatta/ pep/Macaca_mulatta.Mm ul_8.0.1.pep.all.fa.gz	ftp://ftp.ensembl.org/pu b/release-87/fasta/macaca_mulatta /cds/Macaca_mulatta.M mul_8.0.1.cds.all.fa.gz
Dolphin	*T. truncatus*	ensembl release-87	ftp://ftp.ensembl.org/pub /release-87/fasta/tursiops_truncat	ftp://ftp.ensembl.org/pu b/release-87/fasta/tursiops_truncat

			us/pep/Tursiops_truncatus.turTru1.pep.all.fa.gz	us/cds/Tursiops_truncatus.turTru1.cds.all.fa.gz
Pig	*S. scrofa*	ensembl release-87	ftp://ftp.ensembl.org/pub/release-87/fasta/sus_scrofa/pep/Sus_scrofa.Sscrofa10.2.pep.all.fa.gz	ftp://ftp.ensembl.org/pub/release-87/fasta/sus_scrofa/cds/Sus_scrofa.Sscrofa10.2.cds.all.fa.gz
Minke whale	*B. acutorostrata*	NCBI	ftp://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/493/695/GCF_000493695.1_BalAcu1.0/GCF_000493695.1_BalAcu1.0_protein.faa.gz	ftp://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/493/695/GCF_000493695.1_BalAcu1.0/GCF_000493695.1_BalAcu1.0_cds_from_genomic.fna.gz
Yangzte river dolphin	*L. vexillifer*	NCBI	ftp://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/442/215/GCF_000442215.1_Lipotes_vexillifer_v1/GCF_000442215.1_Lipotes_vexillifer_v1_protein.faa.gz	ftp://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/442/215/GCF_000442215.1_Lipotes_vexillifer_v1/GCF_000442215.1_Lipotes_vexillifer_v1_cds_from_genomic.fna.gz
Killer whale	*O. orca*	NCBI	ftp://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/331/955/GCF_000331955.2_Oorc_1.1/GCF_000331955.2_Oorc_1.1_protein.faa.gz	ftp://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/331/955/GCF_000331955.2_Oorc_1.1/GCF_000331955.2_Oorc_1.1_cds_from_genomic.fna.gz
Sperm whale	*P. macrocephalus*	NCBI	ftp://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/472/045/GCF_000472045.1_Physeter_macrocephalus-2.0.2/GCF_000472045.1_Physeter_macrocephalus-2.0.2_protein.faa.gz	ftp://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/472/045/GCF_000472045.1_Physeter_macrocephalus-2.0.2/GCF_000472045.1_Physeter_macrocephalus-2.0.2_cds_from_genomic.fna.gz
Platypus	*O. anatinus*	ensembl release-87	ftp://ftp.ensembl.org/pub/release-	ftp://ftp.ensembl.org/pub/release-

			87/fasta/ornithorhynchus_anatinus/pep/Ornithorynchus_anatinus.OANA5.pep.all.fa.gz	87/fasta/ornithorhynchus_anatinus/cds/Ornithorhynchus_anatinus.OANA5.cds.all.fa.gz
Bowhead whale	*B. mysticetus*	http://www.bowhead-whale.org/	http://alfred.liv.ac.uk/downloads/bowhead_whale/bowhead_whale_proteins.zip	http://alfred.liv.ac.uk/downloads/bowhead_whale/bowhead_whale_coding_sequences.zip