

Used dataset: sauropsida_odb10

Podocnemis expansa

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/007/922/195/GCA_007922195.1_Podocnemis_expansa-1.0/GCA_007922195.1_Podocnemis_expansa-1.0_genomic.fna.gz

C:96.8%[S:95.3%,D:1.5%],F:0.7%,M:2.5%,n:7480	
7238	Complete BUSCOs (C)
7125	Complete and single-copy BUSCOs (S)
113	Complete and duplicated BUSCOs (D)
52	Fragmented BUSCOs (F)
190	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Pelusios castaneus

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/007/922/175/GCA_007922175.1_Pelusios_castaneus-1.0/GCA_007922175.1_Pelusios_castaneus-1.0_genomic.fna.gz

C:96.7%[S:95.3%,D:1.4%],F:0.9%,M:2.4%,n:7480	
7235	Complete BUSCOs (C)
7127	Complete and single-copy BUSCOs (S)
108	Complete and duplicated BUSCOs (D)
69	Fragmented BUSCOs (F)
176	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Emydura subglobosa

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/007/922/225/GCA_007922225.1_Emydura_subglobosa-1.0/GCA_007922225.1_Emydura_subglobosa-1.0_genomic.fna.gz

C:97.1%[S:94.0%,D:3.1%],F:0.6%,M:2.3%,n:7480	
7260	Complete BUSCOs (C)
7030	Complete and single-copy BUSCOs (S)
230	Complete and duplicated BUSCOs (D)
42	Fragmented BUSCOs (F)
178	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Mesoclemmys tuberculata

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/007/922/155/GCA_007922155.1_Mesoclemmys_tuberculata-1.0/GCA_007922155.1_Mesoclemmys_tuberculata-1.0_genomic.fna.gz

C:96.9%[S:92.2%,D:4.7%],F:0.7%,M:2.4%,n:7480	
7249	Complete BUSCOs (C)
6896	Complete and single-copy BUSCOs (S)
353	Complete and duplicated BUSCOs (D)
55	Fragmented BUSCOs (F)
176	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Dermatemys mawii

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/007/922/305/GCA_007922305.1_Dermatemys_mawii-1.0/GCA_007922305.1_Dermatemys_mawii-1.0_genomic.fna.gz

C:96.7%[S:94.1%,D:2.6%],F:0.7%,M:2.6%,n:7480	
7235	Complete BUSCOs (C)
7041	Complete and single-copy BUSCOs (S)
194	Complete and duplicated BUSCOs (D)
56	Fragmented BUSCOs (F)
189	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Carettochelys insculpta

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/007/922/185/GCA_007922185.1_Carettochelys_insculpta-1.0/GCA_007922185.1_Carettochelys_insculpta-1.0_genomic.fna.gz

C:96.0%[S:86.4%,D:9.6%],F:1.3%,M:2.7%,n:7480	
7175	Complete BUSCOs (C)
6459	Complete and single-copy BUSCOs (S)
716	Complete and duplicated BUSCOs (D)
100	Fragmented BUSCOs (F)
205	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Chelydra serpentina

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/007/922/165/GCA_007922165.1_Chelydra_serpentina-1.0/GCA_007922165.1_Chelydra_serpentina-1.0_genomic.fna.gz

C:95.8%[S:88.5%,D:7.3%],F:1.0%,M:3.2%,n:7480	
7169	Complete BUSCOs (C)
6622	Complete and single-copy BUSCOs (S)
547	Complete and duplicated BUSCOs (D)
73	Fragmented BUSCOs (F)
238	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Pelodiscus sinensis

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/000/230/535/GCF_000230535.1_PelSin_1.0/GCF_000230535.1_PelSin_1.0_genomic.fna.gz

C:94.9%[S:93.9%,D:1.0%],F:1.2%,M:3.9%,n:7480	
7103	Complete BUSCOs (C)
7027	Complete and single-copy BUSCOs (S)
76	Complete and duplicated BUSCOs (D)
93	Fragmented BUSCOs (F)
284	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Gopherus agassizi

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/002/896/415/GCA_002896415.1_ASM289641v1/GCA_002896415.1_ASM289641v1_genomic.fna.gz

C:92.7%[S:91.8%,D:0.9%],F:2.0%,M:5.3%,n:7480	
6939	Complete BUSCOs (C)
6870	Complete and single-copy BUSCOs (S)
69	Complete and duplicated BUSCOs (D)
150	Fragmented BUSCOs (F)
391	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Chrysemys picta

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/000/241/765/GCA_000241765.3_Chrysemys_picta_BioNano-3.0.4/GCA_000241765.3_Chrysemys_picta_BioNano-3.0.4_genomic.fna.gz

C:96.6%[S:95.7%,D:0.9%],F:1.1%,M:2.3%,n:7480	
7228	Complete BUSCOs (C)
7161	Complete and single-copy BUSCOs (S)
67	Complete and duplicated BUSCOs (D)
79	Fragmented BUSCOs (F)
173	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Trachemys scripta

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/013/100/865/GCF_013100865.1_CAS_Tse_1.0/GCF_013100865.1_CAS_Tse_1.0_genomic.fna.gz

C:95.0%[S:94.0%,D:1.0%],F:1.2%,M:3.8%,n:7480	
7104	Complete BUSCOs (C)
7032	Complete and single-copy BUSCOs (S)
72	Complete and duplicated BUSCOs (D)
90	Fragmented BUSCOs (F)
286	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Chelonia mydas

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/015/237/465/GCA_015237465.2_rCheMyd1.pri.v2/GCA_015237465.2_rCheMyd1.pri.v2_genomic.fna.gz

C:97.3%[S:96.3%,D:1.0%],F:0.4%,M:2.3%,n:7480	
7278	Complete BUSCOs (C)
7201	Complete and single-copy BUSCOs (S)
77	Complete and duplicated BUSCOs (D)
29	Fragmented BUSCOs (F)
173	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Platysternon megacephalum

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/003/942/145/GCA_003942145.1_ASM394214v1/GCA_003942145.1_ASM394214v1_genomic.fna.gz

C:97.1%[S:95.8%,D:1.3%],F:0.5%,M:2.4%,n:7480	
7266	Complete BUSCOs (C)
7167	Complete and single-copy BUSCOs (S)
99	Complete and duplicated BUSCOs (D)
40	Fragmented BUSCOs (F)
174	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Cuora mccordi

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/003/846/335/GCA_003846335.1_ASM384633v1/GCA_003846335.1_ASM384633v1_genomic.fna.gz

C:95.6%[S:92.3%,D:3.3%],F:1.4%,M:3.0%,n:7480	
7153	Complete BUSCOs (C)
6904	Complete and single-copy BUSCOs (S)
249	Complete and duplicated BUSCOs (D)
107	Fragmented BUSCOs (F)
220	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Dermochelys coriacea

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/009/764/565/GCF_009764565.2_rDerCor1.pri.v3/GCF_009764565.2_rDerCor1.pri.v3_genomic.fna.gz

C:96.3%[S:95.3%,D:1.0%],F:0.6%,M:3.1%,n:7480	
7207	Complete BUSCOs (C)
7129	Complete and single-copy BUSCOs (S)
78	Complete and duplicated BUSCOs (D)
45	Fragmented BUSCOs (F)
228	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Cuora amboinensis

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCA/004/028/625/GCA_004028625.2_ASM402862v2/GCA_004028625.2_ASM402862v2_genomic.fna.gz

C:86.4%[S:82.0%,D:4.4%],F:6.8%,M:6.8%,n:7480	
6462	Complete BUSCOs (C)
6133	Complete and single-copy BUSCOs (S)
329	Complete and duplicated BUSCOs (D)
507	Fragmented BUSCOs (F)
511	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Terrapene mexicana triunguis

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/002/925/995/GCF_002925995.2_T_m_triunguis-2.0/GCF_002925995.2_T_m_triunguis-2.0_genomic.fna.gz

C:95.2%[S:84.3%,D:10.9%],F:1.5%,M:3.3%,n:7480	
7124	Complete BUSCOs (C)
6306	Complete and single-copy BUSCOs (S)
818	Complete and duplicated BUSCOs (D)
115	Fragmented BUSCOs (F)
241	Missing BUSCOs (M)
7480	Total BUSCO groups searched

Chelonoidis abingdonii

Genome:

https://ftp.ncbi.nlm.nih.gov/genomes/all/GCF/003/597/395/GCF_003597395.1_ASM359739v1/GCF_003597395.1_ASM359739v1_genomic.fna.gz

C:95.8%[S:94.7%,D:1.1%],F:1.2%,M:3.0%,n:7480	
7166	Complete BUSCOs (C)
7080	Complete and single-copy BUSCOs (S)
86	Complete and duplicated BUSCOs (D)
91	Fragmented BUSCOs (F)
223	Missing BUSCOs (M)
7480	Total BUSCO groups searched