**Table 1.** Genome size estimates for cetaceans and other species of interest from the present study and previously included in the Animal Genome Size Database.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Order** | **Unranked** | **Family** | **Species** | **Common Name** | **GS** | **STD** | **n** | **Source** |
| Cetartiodactyla | Mysticeti | Balaenopteridae | *Megaptera novaeangliae* | Humpback whale | 3.71 | -- | 1 | Present study |
| Cetartiodactyla | Mysticeti | Balaenidae | *Balaena mysticetus* | Bowhead whale | 2.93 |  |  | Keane et al. (2015) |
| Cetartiodactyla | Odontoceti | Delphinidae | *Cephalorhynchus commersonii* | Commerson's dolphin | 3.20 | 0.057 | 2 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Delphinus delphis* | Common dolphin | 3.56 | 0.170 | 5 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Globicephala macrorhynchus* | Short-finned pilot whale | 3.56 | 0.269 | 2 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Grampus griseus* | Risso's dolphin | 3.60 | 0.302 | 4 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Lagenorhynchus obliquidens* | Pacific white-sided dolphin | 3.70 | 0.170 | 2 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Lissodelphis borealis* | Northern right whale dolphin | 3.74 | -- | 1 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Orcinus orca* | Killer whale | 4.13 | 0.081 | 3 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Pseudorca crassidens* | False killer whale | 3.56 | -- | 1 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Stenella longirostris* | Spinner dolphin | 3.45 | 0.275 | 2 | Present study |
| Cetartiodactyla | Odontoceti | Delphinidae | *Tursiops truncatus* | Common bottlenose dolphin | 3.51 | 0.240 | 6 | Present study |
|  |  |  | *" "* |  | 3.03 |  |  | Kato et al. (1980) |
|  |  |  | *" "* |  | 3.27 |  |  | Du and Wang (2006) |
| Cetartiodactyla | Odontoceti | Delphinidae | *Sousa chinensis chinensis* | Indo-Pacific humpback dolphin | 3.46 |  |  | Du and Wang (2006) |
| Cetartiodactyla | Odontoceti | Kogiidae | *Kogia breviceps* | Pygmy sperm whale | 3.48 | 0.261 | 4 | Present study |
| Cetartiodactyla | Odontoceti | Kogiidae | *Kogia sima* | Dwarf sperm whale | 3.51 | -- | 1 | Present study |
| Cetartiodactyla | Odontoceti | Monodontidae | *Delphinapterus leucas* | Beluga, white whale | 3.55 | 0.120 | 2 | Present study |
|  |  |  | *" "* |  | 3.29 |  |  | Du and Wang (2006) |
| Cetartiodactyla | Odontoceti | Ziphiidae | *Mesoplodon densirostris* | Blainville's beaked whale | 4.44 | -- | 1 | Present study |
| Cetartiodactyla | Odontoceti | Ziphiidae | *Mesoplodon europaeus* | Gervais' beaked whale | 4.22 | 0.042 | 2 | Present study |
| Cetartiodactyla | Odontoceti | Ziphiidae | *Ziphius cavirostris* | Cuvier's beaked whale | 4.66 | -- | 1 | Present study |
| Cetartiodactyla | Odontoceti | Phocoenidae | *Neophocaena a. asiaeorientalis* | Yangtze finless porpoise | 3.46 |  |  | Du and Wang (2006) |
| Cetartiodactyla | Odontoceti | Physeteridae | *Physeter macrocephalus* | Sperm whale | 3.44 | -- | 1 | Present study |
| Cetartiodactyla | Odontoceti | Lipotidae | *Lipotes vexillifer* | Baiji / Yangtze river dolphin | 3.91 |  |  | Du and Wang (2006) |
| Cetartiodactyla |  | Hippopotamidae | *Hippopotamus amphibius* | Hippopotamus | 3.39 | -- | 1 | Present study |
| Carnivora |  | Phocidae | *Erignathus barbatus* | Bearded seal | 2.96 | -- | 1 | Present study |
| Carnivora |  | Phocidae | *Phoca largha* | Spotted seal / Largha seal | 2.94 |  |  | Du and Wang (2006) |
| Carnivora |  | Otariidae | *Zalophus californianus* | California sea lion | 3.15 |  |  | Du and Wang (2006) |