| Phylogenetic group | Species | Genome assembly version | MT1 | MT2 | Mel1c | Mel1d |
| --- | --- | --- | --- | --- | --- | --- |
| Chondrichtyes | ***Callorhinchus milli***(elephant shark) | Cm | Callorhinchus\_milii-6.1.3 GCF\_000165045.1 | XP\_007891048.1 | XP\_007901736.1 | XP\_007891233.1 | XP\_007900192.1 |
| Osteichtyes | Sacropterygii | Tetrapods | Birds | **Gallus gallus**(chicken) | Gg | GRCg6a GCF\_000002315.5 | NP\_990693.1 | NP\_001280032.1 | NP\_990692.1 |  |
| Reptiles | ***Anolis carolensis***(green anole lizard) | Ac | AnoCar2.0 GCF\_000090745.1 | XP\_008109959.1 | XP\_003219378.2 | XP\_016851829.1 | XP\_003217534.1 |
| ***Pelodiscus sinensis***(Chinese softshell turtle) | Ps | PelSin\_1.0 GCF\_000230535.1 | K7F1Q7 | K7F0W9 | K7EWS7 | K7FLB8 |
| Mammals | ***Bos taurus***(cattle) | Bt | ARS-UCD1.2 GCF\_002263795.1 | XP\_002698702.1 | NP\_001193836.2 | XP\_002699692.1 |  |
| ***Homo sapiens***(human) | Hs | GRCh38.p12 GCF\_000001405.38 | NP\_005949.1 | NP\_005950.1  | NP\_004215.2  |  |
| ***Ornithorhynchus anatinus***(platypus) | Oa | Ornithorhynchus\_anatinus-5.0.1 GCF\_000002275.2 | XP\_001519132.1 | XP\_003430825.1 | XP\_001512937.1 |  |
| Amphibians | ***Xenopus tropicalis***(western clawed frog) | Xt | Xenopus\_tropicalis\_v9.1 GCF\_000004195.3 | F7DNS9 | F6QU28 | L7N2L1 | F6XUW8 |
| Lobe-finned | ***Latimeria chalumnae***(coelacanth) | Lc | LatCha1 GCF\_000225785.1 | XP\_014352214.1 | XP\_006002793.1 | XP\_014341506.1 | XP\_014351618.1 |
| Actinopterygii | Holostei | ***Lepisosteus oculatus***(spotted gar) | Lo | LepOcu1 GCF\_000242695.1 | **pseudogene : LOC107077181** | XP\_006627897.1 | XP\_006632834.2 | XP\_006631980.2 |
| Teleosts |  | ***Teleost-specific 3R duplications :*** | **a** | **b** | **a** | **b** |  |  |
| ***Astyanax mexicanus***(Mexican cavefish) | Am | Astyanax\_mexicanus-2.0 GCF\_000372685.2 | XP\_022537856.1 | XP\_007247563.2 | XP\_022525043.1 | XP\_015460802.1  | XP\_007257556.3 | XP\_007246501.1 |
| ***Danio rerio*** (zebrafish) | Dr | GRCz11 GCF\_000002035.6 | NP\_571468.1 | XP\_021328498.1  | NP\_571470.1 | [NP\_571469.1](https://www.ncbi.nlm.nih.gov/protein/NP_571469.1)  | [NP\_001154956.1](https://www.ncbi.nlm.nih.gov/protein/NP_001154956.1) | [NP\_001153381.1](https://www.ncbi.nlm.nih.gov/protein/NP_001153381.1) |
| ***Takifugu rubripes***(tiger pufferfish) | Tr | FUGU5 GCF\_000180615.1 | H2SE17 |  |  | A0A3B5JZ98 | H2T0U7 | H2UJ01 |
| ***Oreochromis niloticus***(Nile tilapia) | On | O\_niloticus\_UMD\_NMBU GCF\_001858045.2 | [XP\_003449745.1](https://www.ncbi.nlm.nih.gov/protein/XP_003449745.1)  |  |  | XP\_003446857.1 | [XP\_003445923.1](https://www.ncbi.nlm.nih.gov/protein/XP_003445923.1)  | [XP\_003447660.2](https://www.ncbi.nlm.nih.gov/protein/XP_003447660.2)  |
| ***Esox lucius***(northern pike) | El | Eluc\_V3 GCF\_000721915.3 | XP\_010889900.1 | XP\_010896496.1 | NP\_001290778.1 | XP\_019900858.1 | XP\_010896763.1 | XP\_010901968.1 |
| Salmonids |  ***+ Salmonid-specific 4R duplications :*** | **a1** | **a2** | **b1** | **b2** | **a1** | **a2** | **b1** | **b2** |  |  |
| ***Oncorhynchus kisutch***(coho salmon) | Ok | Okis\_V1 GCF\_002021735.1 | XP\_020343009.1 | XP\_020352758.1 | XP\_020357676.1 |  | XP\_020359088.1 | XP\_020364257.1 |  |  |  | XP\_020359149.1 |
| ***Oncorhynchus mykiss***(rainbow trout) | Om | Omyk\_1.0 GCF\_002163495.1 | XP\_021429243.1 | XP\_021472847.1 | XP\_021439178.1 |  | XP\_021444087.1 | XP\_021438630.1 |  |  |  | XP\_021438982.1 |
| ***Salmo salar***(Atlantic salmon) | Ss | ICSASG\_v2 GCF\_000233375.1 | XP\_014064448.1 | XP\_014050730.1 | XP\_014068290.1 |  | XP\_014018602.1 | XP\_014070615.1 |  |  | **pseudogene : LOC106568030** | XP\_014068723.1 |

*Note : depending on availability, protein references given as RefSeq, alternatively as Uniprot*