| Phylogenetic group | | | | Species | | Genome assembly version | FAT1 | | | | FAT2 | | | | FAT3 | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Chondrichtyes | | | | ***Callorhinchus milli***  (elephant shark) | Cm | Callorhinchus\_milii-6.1.3 GCF\_000165045.1 | XP\_007891006.1 | | | | XP\_007900194.1 | | | | XP\_007900407.1 | | | |
| Osteichtyes | Sacropterygii | Tetrapods | Reptiles | ***Pelodiscus sinensis***  (Chinese softshell turtle) | Ps | PelSin\_1.0 GCF\_000230535.1 | XP\_006128510.1 | | | | XP\_014436647.1 | | | | XP\_025044455.1 | | | |
| Mammals | ***Homo sapiens***  (human) | Hs | GRCh38.p12 GCF\_000001405.38 | NP\_005236.2 | | | | NP\_001438.1 | | | | NP\_001354878.1 | | | |
| Actinopterygii | Holostei | | ***Lepisosteus oculatus***  (spotted gar) | Lo | LepOcu1 GCF\_000242695.1 | XP\_015201121.1 | | | | XP\_015205333.1 | | | | XP\_015197067.1 | | | |
| Teleosts |  | ***Teleost-specific 3R duplications :*** | | | **a** | | **b** | |  | |  | | **a** | | **b** | |
| ***Danio rerio***  (zebrafish) | Dr | GRCz11 GCF\_000002035.6 | NP\_998132.2 | | XP\_009289440.2 | | XP\_001920058.2 | |  | | XP\_017206475.1 | | XP\_009303578.2 | |
| ***Oreochromis niloticus***  (Nile tilapia) | On | O\_niloticus\_UMD\_NMBU GCF\_001858045.2 | XP\_019215636.1 | |  | | XP\_005453274.1 | |  | | XP\_019200638.1 | | XP\_019219701.1 | |
| Salmonids | ***+ Salmonid-specific 4R duplications :*** | | | **a1** | **a2** | **b1** | **b2** | **a1** | **a2** | **b1** | **b2** | **a1** | **a2** | **b1** | **b2** |
| ***Oncorhynchus kisutch***  (coho salmon) | Ok | Okis\_V1 GCF\_002021735.1 | XP\_020343010.1 | XP\_020351707.1 | XP\_020357675.1 |  | XP\_020359148.1 | XP\_020364939.1 |  |  | XP\_020364094.1 | XP\_020357586.1 |  |  |
| ***Oncorhynchus mykiss***  (rainbow trout) | Om | Omyk\_1.0 GCF\_002163495.1 | XP\_021429244.1 | XP\_021474942.1 | XP\_021438836.1 |  | XP\_021438968.1 | XP\_021417524.1 |  |  |  | XP\_021437413.1 |  |  |
| ***Salmo salar***  (Atlantic salmon) | Ss | ICSASG\_v2 GCF\_000233375.1 | XP\_014064455.1 | XP\_014050726.1 | XP\_014068291.1 |  | XP\_014068735.1 | XP\_014054096.1 |  |  | XP\_014070618.1 | XP\_014018822.1 |  |  |

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