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| --- | --- | --- | --- | --- |
| Common Name | Organism Name | Assembly ID | Gene | Accession No. |
| Elephant shark | *Callorhinchus milii* | Callorhinchus\_milii-6.1.3 | Smad3 | XM\_007910032.1 |
| frog | *Xenopus tropicalis* | Xtropicalis\_v7 | Smad3 | NM\_001008436.1 |
| Anole lizard | *Anolis carolinensis* | AnoCar2.0 | Smad3 | ENSACAT00000009994 |
| Spotted gar | *Lepisosteus oculatus* | LepOcu1 | Smad1Smad2Smad3Smad4Smad5Smad6Smad7Smad8 | ENSLOCT00000010824ENSLOCT00000015308ENSLOCT00000017172ENSLOCT00000015878ENSLOCT00000014175ENSLOCT00000017160XM\_006627130.2ENSLOCT00000010329 |
| medaka | *Oryzias latipes* | ASM31367v1 | Smad1 | XM\_004065930.2 |
| Smad2aSmad2bSmad3aSmad3bSmad4aSmad4bSmad4cSmad5Smad6aSmad6bSmad7Smad8 | XM\_004074866.2XM\_004072760.2XM\_00406688.5XM\_004069611.2XM\_004072242.2XM\_004074773.2XM\_004085554.2XM\_004073559.2XM\_011488221.1XM\_004069613.2XM\_004074708.2XM\_004076201.2 |
| Amazon molly | *Poecilia formosa* | PoeFor\_5.12  | Smad3a | ENSPFOT00000006410 |
| Smad3b | ENSPFOT00000008837 |
| gubby | *Poecilia reticulata* | Guppy\_female\_1.0+MT | Smad3a | XM\_008404627.1 |
| Smad3b | XM\_008412197.1 |
| platyfish | *Xiphophorus maculatus* | Xipmac4.4.2 | Smad3a | ENSXMAT00000002391 |
| Smad3b | ENSXMAT00000003576 |
| bicolor damselfish | *Stegastes partitus* | Stegastes\_partitus-1.0.2 | Smad3a | XM\_008276051 |
| Smad3b | XM\_008276844.1 |
| Nile tilapia | *Oreochromis niloticus* | Orenil1.1 | Smad1 | XM\_003449670.3 |
| Smad2aSmad2bSmad3aSmad3bSmad4aSmad4bSmad4cSmad4dSmad5Smad6aSmad6bSmad7Smad8 | XM\_003444367.3XM\_003448590.3XM\_003456752.3XM\_003440450XM\_003446059.3XM\_003453862.3XM\_013265612.1XM\_013277587.1XM\_003451806.3XM\_005461566.2XM\_003440449.3XM\_003451503.3XM\_003458254.3 |
| torafugu | *Takifugu rubripes* | FUGU5 | Smad3a | XM\_003969638.2 |
| Smad3b | XM\_003967452.2 |
| Tongue sole | *Cynoglossus semilaevis* | Cse\_v1.0 | Smad3a | XM\_008310506.1 |
| Smad3b | XM\_008312103.1 |
| human | *Homo sapiens* | GRCh38 | Smad1Smad2Smad3 | ENST00000394092ENST00000262160ENST00000439724 |
|  |  |  | Smad4Smad5Smad6Smad7Smad8 | ENST00000398417ENST00000545279ENST00000288840ENST00000262158ENST00000399275 |
| mouse | *Mus musculus* | GRCm38.p4 | Smad1Smad2Smad3Smad4Smad5Smad6Smad7Smad8 | ENSMUST00000066091ENSMUST00000168423ENSMUST00000034973ENSMUST00000114939ENSMUST00000069557ENSMUST00000041029ENSMUST00000026999ENSMUST00000029371 |
| Chicken | *Gallus gallus* | Galgal5 | Smad1Smad2Smad3Smad4Smad5Smad6Smad7Smad8 | XM\_015276130.1NM\_204561.1NM\_204475.1XM\_015298563.1XM\_015293966.1NM\_204248.1XM\_427238.5XM\_015277641.1 |
| Japanese flounder | *Paralichthys olivaceus* | unpublished | Smad1 |  |
| Smad2aSmad2bSmad3aSmad3bSmad4aSmad4bSmad4cSmad4dSmad5Smad6aSmad6bSmad7Smad8 |  |