

Expanded data before QC: this study + available data

| New sequence data <br> 156 pelagiarians, 46 outgroups | Publicly available data <br> 104 pelagiarians, 38 outgroups |
| :---: | :---: |
| 1,104 FishLife markers | $30-120$ FishLife markers |

## b) Subsets

New sequence data and UCE available data 44 taxa ( 42 pelagiarians, 2 outgroups)

Exons
964 FishLife markers 422,964 sites
Exons + flanks

| 377 FishLife markers |
| :---: |
| 422,946 |$|$

UCEs
713 UCEs 422,922 sites

Correcting by number of sites for direct comparisons alignment based analyses


New sequence data and UCE available data 44 taxa ( 42 pelagiarians, 2 outgroups)

Exons
377 FishLife markers

Exons + flanks
UCEs
377 FishLife markers

377 UCEs

Correcting by number of genes for direct comparisons of gene tree based analyses


Subsets data properties 44 taxa ( 42 pelagiarians, 2 outgroups)

| Exons | Exons + flanks | UCEs |
| :---: | :---: | :---: |
| 422,964 sites | 422,946 sites | 422,922 sites |
| Missing data: $9.6 \%$ | Missing data: $50.3 \%$ | Missing data: $14.1 \%$ |
| PI sites: 102,797 | PI sites: 119,593 | PI sites: 66,335 |
| GC: 0.55 | GC: 0.45 | GC: 0.43 |



FishLife: genealogy and traits of living and fossil vertebrates that never left the water. NSF initiative to resolve the Fish Tree of Life

