

S1 Table. Summary of sequencing data for Yap hadal snailfish (YHS).

| Platform | Illumina Hiseq X Ten | | PacBio Sequel RSII | |
|------------------------|---|-------------|--|-----------|
| Insert size (bp) | 350 bp | | 9 kb | |
| | Raw data | Clean data | Polymerase reads | Subreads |
| Number of bases (Gb) | 48.83 | 44.08 | 81.02 | 80.87 |
| Number of reads | 162,779,110 | 146,943,996 | 6,709,838 | 9,991,427 |
| Mean reads length (bp) | 150 | 150 | 12,075 | 8,093 |
| Reads N50 (kp) | - | - | 20.58 | 12,688 |
| Sequence coverage (×) | 59.87 | 54.05 | 99.34 | 99.15 |
| SRA accession | PRJNA512070 (SRR8510169~ SRR8510172) | | PRJNA512070 (SRR8510163~ SRR8510168; SRR8929648~ SRR8929652; SRR8929654; SRR8929657~ SRR8929660) | |