Supplementary Information: Effect of hydrostatic pressure and temperature on the fluorescence anisotropy of Green Fluorescent Protein

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Figure S1: Steady state fluorescence anisotropy measurements at $T = 10^\circ C$ and $p = 0.1$ MPa.
Table S1: Temperature and pressure dependence of the viscosity of water

| T (°C) | p (MPa) | \( \eta \) (mPa.s) | T (°C) | p (MPa) | \( \eta \) (mPa.s) |
|--------|---------|---------------------|--------|---------|---------------------|
| 10     | 0.1     | 1.305898            | 40     | 0.1     | 0.652728            |
| 10     | 20.0    | 1.289768            | 40     | 20.0    | 0.655470            |
| 10     | 40.0    | 1.277195            | 40     | 40.0    | 0.658745            |
| 10     | 60.0    | 1.268064            | 40     | 60.0    | 0.662552            |
| 10     | 80.0    | 1.262156            | 40     | 80.0    | 0.666889            |
| 10     | 100.0   | 1.259251            | 40     | 100.0   | 0.671752            |
| 10     | 120.0   | 1.259141            | 40     | 120.0   | 0.677132            |
| 10     | 140.0   | 1.261639            | 40     | 140.0   | 0.683026            |
| 10     | 160.0   | 1.266588            | 40     | 160.0   | 0.689430            |
| 10     | 180.0   | 1.273871            | 40     | 180.0   | 0.696349            |
| 10     | 200.0   | 1.283412            | 40     | 200.0   | 0.703797            |
| 20     | 0.1     | 1.001594            | 50     | 0.1     | 0.546520            |
| 20     | 20.0    | 0.996392            | 50     | 20.0    | 0.550640            |
| 20     | 40.0    | 0.992992            | 50     | 40.0    | 0.555055            |
| 20     | 60.0    | 0.991367            | 50     | 60.0    | 0.559760            |
| 20     | 80.0    | 0.991443            | 50     | 80.0    | 0.564764            |
| 20     | 100.0   | 0.993139            | 50     | 100.0   | 0.570072            |
| 20     | 120.0   | 0.996373            | 50     | 120.0   | 0.575687            |
| 20     | 140.0   | 1.001071            | 50     | 140.0   | 0.581614            |
| 20     | 160.0   | 1.007169            | 50     | 160.0   | 0.587864            |
| 20     | 180.0   | 1.014619            | 50     | 180.0   | 0.594449            |
| 20     | 200.0   | 1.023397            | 50     | 200.0   | 0.601393            |
| 30     | 0.1     | 0.797219            | 60     | 0.1     | 0.466041            |
| 30     | 20.0    | 0.797292            | 60     | 20.0    | 0.470869            |
| 30     | 40.0    | 0.798333            | 60     | 40.0    | 0.475852            |
| 30     | 60.0    | 0.800333            | 60     | 60.0    | 0.480983            |
| 30     | 80.0    | 0.803273            | 60     | 80.0    | 0.486275            |
| 30     | 100.0   | 0.807125            | 60     | 100.0   | 0.491738            |
| 30     | 120.0   | 0.811859            | 60     | 120.0   | 0.497381            |
| 30     | 140.0   | 0.817447            | 60     | 140.0   | 0.503216            |
| 30     | 160.0   | 0.823868            | 60     | 160.0   | 0.509259            |
| 30     | 180.0   | 0.831107            | 60     | 180.0   | 0.515531            |
| 30     | 200.0   | 0.839165            | 60     | 200.0   | 0.522060            |