

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

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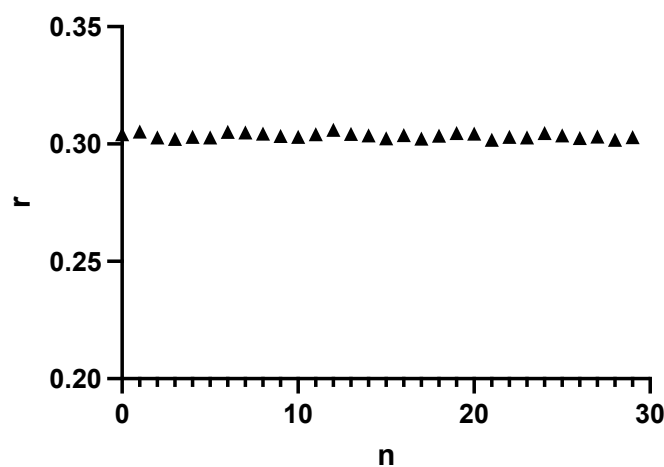


Figure S1: Steady state fluorescence anisotropy measurements at  $T = 10^{\circ}\text{C}$  and  $p = 0.1 \text{ MPa}$ .

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