

**Table S2. Data for Fig. 2D**

Run	Treatment		E0	E90	E180	Einf	Esp	Viscosity
1	0 Notochord	Mean	78.7	43.0	36.4	33.8	28.0	2.6E+003
		<i>n</i>	7	7	7	7	7	7
		s.d.	16.0	11.3	9.0	7.2	9.2	3.0E+003
	2+ Notochord	Mean	136.7	90.7	86.7	81.5	46.5	2.9E+003
		<i>n</i>	7	7	7	7	7	7
		s.d.	43.4	27.3	25.1	22.5	19.1	4.4E+003
2	0 Notochord	Mean	88.5	40.4	35.4	36.3	33.9	1.2E+003
		<i>n</i>	8	8	8	8	8	8
		s.d.	10.9	9.0	9.0	10.7	4.7	7.2E+002
	2+ Notochord	Mean	151.9	75.3	66.5	67.1	51.0	2.2E+003
		<i>n</i>	8	8	8	8	8	8
		s.d.	16.4	8.4	8.3	9.0	7.9	9.3E+002
3	0 Notochord	Mean	92.3	45.9	41.3	41.4	31.0	1.2E+003
		<i>n</i>	8	8	8	8	8	8
		s.d.	17.9	8.5	8.3	8.3	8.1	7.9E+002
	2+ Notochord	Mean	141.4	75.4	61.7	57.2	57.0	4.5E+003
		<i>n</i>	8	8	8	8	8	8
		s.d.	15.6	8.9	8.4	11.1	15.1	4.0E+003