




















































A

	Name	Mw	#		Name	Mw	#		Name	Mw	#		Name	Mw	#
	Adk	24	14		GapA	142	10		PanB	140	2		Suc	142	4
	AhpC	187	7		GlnA	621	1		Pgk	41	26		Tig	48	9
	Asd	80	4		GltD	94	3		Pnp	190	3		TpiA	54	5
	Bcp	11	8		GlyA	91	15		Ppa	116	9		Tsf	61	12
	CspC	7	72		GpmA	55	4		PpiB	18	7		TufA	84	181
	CysK	64	13		Hns	5	7		PurA	94	4		Upp	45	11
	DapA	125	2		Hup	15	12		PurC	42	7		UspA	31	7
	DnaK	41	11		IcdA	92	43		Pyr	308	3		50S	1,355	10
	Efp	20	14		IlvC	54	18		RpiA	46	3		30S	788	10
	Eno	91	18		Mdh	65	13		Rpo	260	4		tRNA-C	24	37
	Fba	78	6		MetE	84	213		SerC	79	11		tRNA-Q	24	37
	Frr	21	7		Mop	845	2		SodA	46	13		tRNA-F	25	37
	FusA	69	22						SodB	42	9		GFP	26	8

B

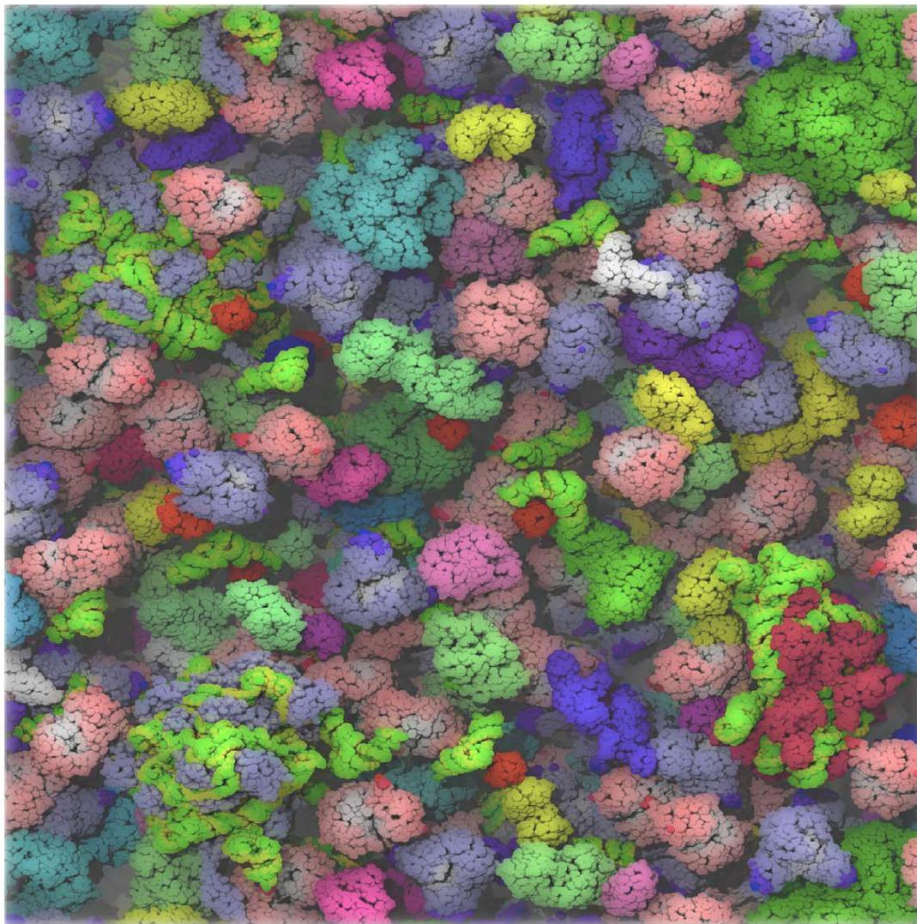


Figure 1. The cytoplasm model. **A.** Schematic inventory of the contents of the cytoplasm model. **B.** Rendering of the cytoplasm model at the end of a Brownian dynamics simulation performed with the 'full' energy model (see text). RNA is shown as green and yellow. This figure was prepared with VMD [110].
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