Supplemental Material to: Diffusion and flow in complex liquids

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1 Rotational diffusion in HeLa cell cytoplasm

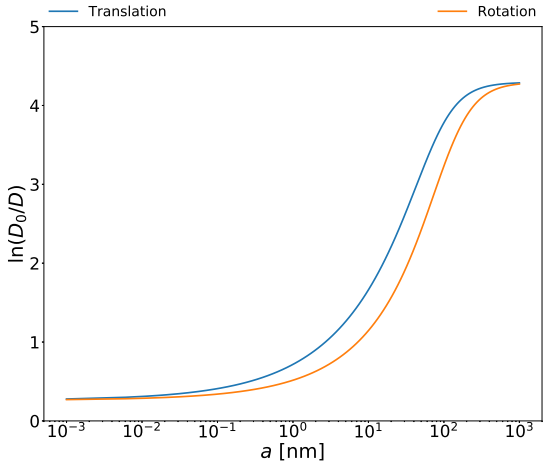

Figure 1: Translational and rotational diffusion coefficients inside HeLa cell cytoplasm as a function of the hydrodynamic radius of the probe particle. Continuous blue line: natural logarithm of the inverse of the normalized translational diffusion coefficient, $D_0/D = \zeta_{\text{HeLa}}(a)/6\pi\eta_0 a$, with translational friction coefficient $\zeta_{\text{HeLa}}(a)$ described in Figure 2 from the main text. Continuous orange line: natural logarithm of the inverse of normalized rotational diffusion coefficient, $D_0/D = \zeta^{\text{rot}}_{\text{HeLa}}(a)/8\pi\eta_0 a^3$ with $\zeta^{\text{rot}}_{\text{HeLa}}(a)$ calculated from the formula (14, main text) with $\zeta_{\text{HeLa}}(a)$ as an input.

2 Wave-vector dependent viscosity and rotational diffusion in polymer solutions

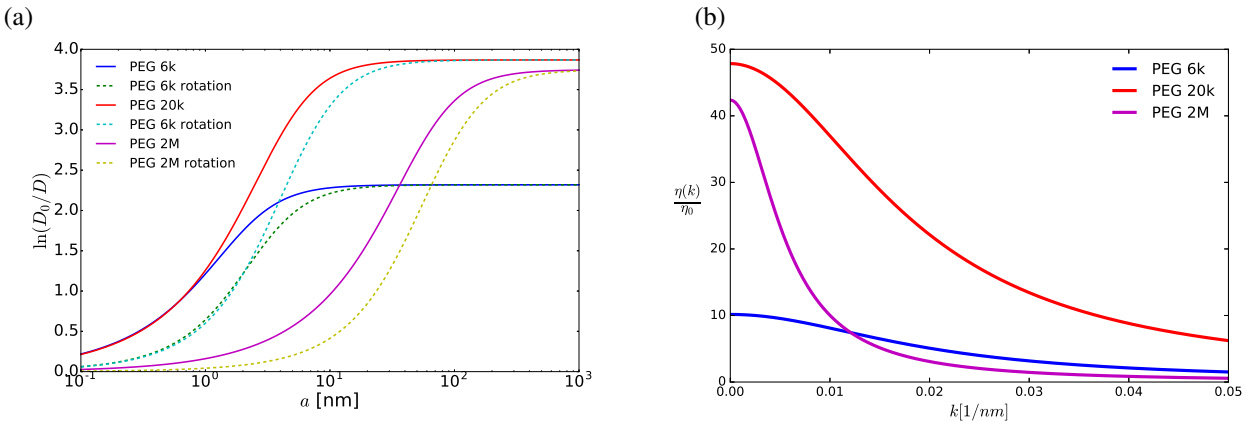

Figure 2: Figure (a) shows translational and rotational diffusion coefficients in aqueous solutions of polyethylene glycols (PEGs) of different molecular weights, M (6×10^3 (PEG 6k) , 20×10^3 (PEG 20k), and 2×10^6 (PEG 2M) g/mol), as a function of the hydrodynamic radius of the probe particle, $D_0/D = \zeta(a)/6\pi\eta_0 a$. Here $\zeta(a)$ was calculated in the same manner as for aldolase protein in PEG solutions (main text, Figure 4). Concentration of PEG c was equal to $c = 0.3$ for PEG 6k and 20k and $c = 0.01$ for PEG 2M. $\zeta(a) = 6\pi\eta_0 \exp\left[\gamma \left(R_{\text{eff}}(a)/\xi\right)^{\alpha}/RT\right] a$; here $R_{\text{eff}}^{-2}(a) = R_{\text{PEG}}^{-2} + a^{-2}$, $\xi(c) = R_{\text{g}}\left(c/c^*\right)^{-0.75}$, $c^* = 3M/\left(4\pi R_{\text{g}}^3 N_A\right)$. Rotational friction was calculated according to equation (14) from the main text. The parameter $\gamma = 4$ kJ/mol was assumed the same as for macroscopic flow of the PEG solution [5]. Hydrodynamic radii of polymers R_{PEG} were equal to 2.1nm, 4.1nm and 56.6nm for PEG 6k, PEG 20k, and PEG 2M, respectively. Corresponding gyration radii, R_{g}, were equal, respectively, to 3.3nm, 6.7nm, and 97 nm. Fig. (b): wave-vector-dependent viscosity calculated from formula (11) from the main text for friction coefficients presented in panel (a).

3 Rotational diffusion in micellar solutions

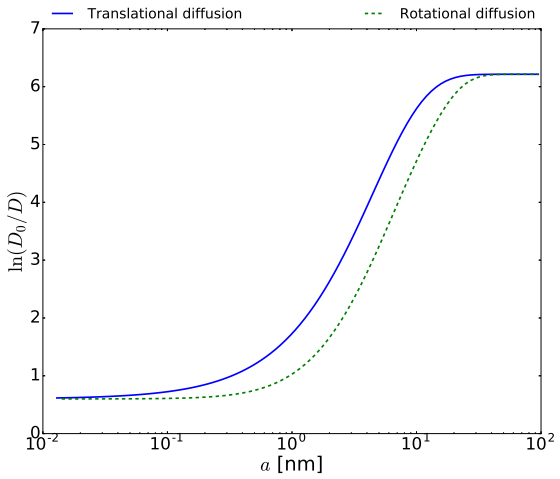

Figure 3: Translational and rotational diffusion coefficients in solution of hexaethylene glycol monododecyl ether in phosphate buffer as a function of the hydrodynamic radius of the probe particle. Continuous line: natural logarithm of the inverse of the normalized translational diffusion coefficient, $D_0/D = \zeta_{\text{mic}}(a)/6\pi\eta_0 a$, with translational friction coefficient $\zeta_{\text{mic}}(a)$ for auqueous micellar solutions described in the caption of Figure 1a from the main text. Dashed line: natural logarithm of the inverse of normalized rotational diffusion coefficient, $D_0/D = \zeta^{\text{rot}}_{\text{mic}}(a)/8\pi\eta_0 a^3$ with $\zeta^{\text{rot}}_{\text{mic}}(a)$ calculated from the formula (14, main text) with $\zeta_{\text{mic}}(a)$ as an input.

4 Short-time rotational diffusion coefficients of proteins from the proteome of K12 strain of *E. coli*

Table S1: The reciprocal short-time diffusion coefficients of proteins from the proteome of K12 strain of *E. coli*. Table contains Uniprot database accession number, protein name, information about the quaternary structure (olygomerization state), reciprocal short-time rotational diffusion coefficient in cytoplasm at temperatures 37 Celsius degrees, D_{rot}^{-1}. The Uniprot database accession number, protein name, information about the quaternary structure (olygomerization state) and hydrodynamic radii a were taken from the Supporting information for the work of Kalwarczyk *et al.*[6]. The reciprocal short-time diffusion coefficient was calculated according to equation (14) from the main text using $\zeta_{\mathrm{EC}}(a)$ (Figure 1b, main text) for the translational friction coefficient and multiplied by $2/3$ factor, as discussed in the main text to obtain short-time from long-time rotational diffusion coefficient.

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P46482	AaeA	Monomer	3.1	0.46
P46481	AaeB	Monomer	4.2	1.57
P67662	AaeR	Monomer	3.1	0.45
P46478	AaeX	Monomer	1.7	0.05
P31119	Aas	Monomer	4.3	1.83
P0A8P1	Aat	Monomer	2.8	0.3
P77357	AbgA	Monomer	3.5	0.74
P76052	AbgB	Monomer	3.6	0.89
P77744	AbgR	Monomer	3.1	0.45
P46133	AbgT	Monomer	3.7	0.96
P75747	AbrB	Monomer	3.2	0.51
P0ABD5	AccA	Monomer	3.1	0.47
		Heterohexamer (AccB-AccC-AccA$_2$ -AccD)	5.8	6.68
P0ABD8	AccB	Monomer	2.3	0.15
		Homodimer	3.1	0.43
		Heterohexamer (AccB-AccC-AccA$_2$ -AccD)	5.8	6.68
P24182	AccC	Monomer	3.6	0.81
		Heterohexamer (AccB-AccC-AccA$_2$ -AccD)	5.8	6.68
P0A9Q5	AccD	Monomer	3.1	0.43
		Heterohexamer (AccB-AccC-AccA$_2$ -AccD)	5.8	6.68

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A9G6	AceA	Monomer	3.5	0.76
		Homotetramer	6.0	8.17
P08997	AceB	Monomer	3.9	1.13
P0AFG8	AceE	Monomer	4.7	2.63
		Homodimer	6.2	8.91
P06959	AceF	Monomer	4	1.31
P11071	AceK	Monomer	4	1.36
P0A6A3	AckA	Monomer	3.4	0.65
		Homodimer	4.4	2.07
P25516	AcnA	Monomer	4.7	2.54
P36683	AcnB	Monomer	4.6	2.35
P21515	AcpH	Monomer	2.6	0.24
P0A6A8	AcpP	Monomer	1.8	0.05
P24224	AcpS	Monomer	2.2	0.11
		Homodimer	2.9	0.33
P37623	AcpT	Monomer	2.6	0.22
P0AE06	AcrA	Monomer	3.3	0.63
P31224	AcrB	Monomer	4.9	3.29
P24177	AcrD	Monomer	4.9	3.26
P24180	AcrE	Monomer	3.3	0.61
P24181	AcrF	Monomer	4.9	3.18
P0ACS9	AcrR	Monomer	2.7	0.27
P27550	Acs	Monomer	4.1	1.52
P32705	ActP	Monomer	3.8	1.09
P06134	Ada	Monomer	3.3	0.56
P22333	Add	Monomer	3.2	0.49
P31441	Ade	Monomer	3.9	1.23
		Homodimer	5.2	4.02
P0A9Q7	AdhE	Monomer	4.6	2.47
P39451	AdhP	Monomer	3.1	0.47

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P28629	AdiA	Monomer	4.4	1.98
		Homodecamer	10.8	142.71
P60061	AdiC	Monomer	3.5	0.74
P33234	AdiY	Monomer	2.9	0.35
P69441	Adk	Monomer	2.7	0.25
P0AAP1	AdrA	Monomer	3.3	0.61
P76261	AdrB	Monomer	3.8	1.11
P37127	AegA	Monomer	4.1	1.51
P50466	Aer	Monomer	3.7	0.97
P23872	Aes	Monomer	3.1	0.49
		Homodimer	4.1	1.52
P42906	AgaA	Monomer	2.4	0.16
P42909	AgaB	Monomer	2.4	0.16
P42910	AgaC	Monomer	2.9	0.34
P42911	AgaD	Monomer	2.9	0.34
P42912	AgaI	Monomer	2.8	0.32
P0ACK2	AgaR	Monomer	2.9	0.36
P42907	AgaS	Monomer	3.3	0.62
P42904	AgaV	Monomer	2.3	0.15
P42905	AgaW	Monomer	2.2	0.11
P19926	Agp	Monomer	3.5	0.71
P0AE08	AhpC	Monomer	2.5	0.2
		Homodimer	3.3	0.61
P35340	AhpF	Monomer	3.7	1.0
		Homodimer	4.9	3.23
P33224	AidB	Monomer	3.9	1.13
		Homotetramer	6.6	12.72
P45565	Ais	Monomer	2.6	0.23
P00957	AlaS	Monomer	4.6	2.46
		Homotetramer	8.0	30.15

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P25553	AldA	Monomer	3.6	0.89
		Homotetramer	6.3	9.71
P37685	AldB	Monomer	3.7	1.01
		Homotetramer	6.5	11.12
P04395	AlkA	Monomer	3	0.39
P05050	AlkB	Monomer	2.7	0.26
P77731	AllA	Monomer	2.4	0.17
		Homodimer	3.2	0.49
P77671	AllB	Monomer	3.6	0.82
		Homotetramer	6.1	8.83
P77425	AllC	Monomer	3.5	0.71
		Homodimer	4.5	2.26
P77555	AllD	Monomer	3.2	0.53
P0ACN4	AllR	Monomer	2.9	0.35
		Homodimer	3.8	1.07
P0ACR0	AllS	Monomer	3.1	0.45
P33997	AlpA	Monomer	1.8	0.05
P0A6B4	Alr	Monomer	3.3	0.56
P32721	AlsA	Monomer	3.8	1.02
P39265	AlsB	Monomer	3	0.42
P32720	AlsC	Monomer	3.1	0.45
P32719	AlsE	Monomer	2.8	0.29
		Homohexamer	5.6	5.78
P32718	AlsK	Monomer	3.1	0.44
P42601	Alx	Monomer	3.1	0.48
P36548	AmiA	Monomer	3	0.39
P26365	AmiB	Monomer	3.5	0.77
P63883	AmiC	Monomer	3.5	0.71
P75820	AmiD	Monomer	3	0.38
P0AE12	Amn	Monomer	3.7	0.94

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P00811	AmpC	Monomer	3.3	0.61
P13016	AmpD	Monomer	2.5	0.2
P0AE14	AmpE	Monomer	3	0.41
P0AE16	AmpG	Monomer	3.7	0.92
P0AD70	AmpH	Monomer	3.3	0.62
P69681	AmtB	Monomer	3.4	0.68
P26612	AmyA	Monomer	3.8	1.02
P77570	AnmK	Monomer	3.3	0.56
P0A962	AnsA	Monomer	3.2	0.51
		Homotetramer	5.5	5.26
P00805	AnsB	Monomer	3.2	0.5
P77610	AnsP	Monomer	3.7	0.95
P62672	ApaG	Monomer	2.2	0.11
P05637	ApaH	Monomer	3	0.39
P0AB85	ApbE	Monomer	3.2	0.54
P0AE22	AphA	Monomer	2.8	0.29
P07102	AppA	Monomer	3.5	0.75
P26458	AppB	Monomer	3.4	0.63
P26459	AppC	Monomer	3.8	1.05
P05052	AppY	Monomer	2.9	0.34
P69503	Apt	Monomer	2.5	0.19
		Homodimer	3.3	0.57
P60844	AqpZ	Monomer	2.7	0.25
P08202	AraA	Monomer	3.7	1.0
		Homohexamer	7.6	23.44
P08204	AraB	Monomer	3.9	1.15
P0A9E0	AraC	Monomer	3.1	0.43
		Homodimer	4.0	1.33
P08203	AraD	Monomer	2.7	0.28
		Homotetramer	4.7	2.74

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AE24	AraE	Monomer	3.6	0.87
P02924	AraF	Monomer	3.1	0.48
P0AAF3	AraG	Monomer	3.7	0.97
P0AE26	AraH	Monomer	3.1	0.45
P23910	AraJ	Monomer	3.3	0.62
P0A9Q1	ArcA	Monomer	2.8	0.31
P0AEC3	ArcB	Monomer	4.5	2.12
P37306	ArcC	Monomer	3	0.4
		Homodimer	3.9	1.22
P0A6C5	ArgA	Monomer	3.6	0.81
		Homohexamer	7.2	18.33
P0A6C8	ArgB	Monomer	2.8	0.31
		Homodimer	3.7	0.95
P11446	ArgC	Monomer	3.1	0.49
P18335	ArgD	Monomer	3.4	0.67
		Homodimer	4.5	2.1
P23908	ArgE	Monomer	3.4	0.63
		Homodimer	4.4	1.99
P06960	ArgF	Monomer	3.2	0.5
P0A6E4	ArgG	Monomer	3.6	0.82
		Homotetramer	6.2	8.93
P11447	ArgH	Monomer	3.6	0.84
P04391	ArgI	Monomer	3.2	0.51
P27254	ArgK	Monomer	3.2	0.5
P11667	ArgO	Monomer	2.6	0.24
P0A6D0	ArgR	Monomer	2.3	0.15
		Homohexamer	4.7	2.73
P11875	ArgS	Monomer	4	1.26
P09551	ArgT	Monomer	2.9	0.33
P75993	AriR	Monomer	1.9	0.06

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	2.5	0.18
P77398	ArnA	Monomer	4.2	1.59
		Homohexamer	8.4	40.13
P77690	ArnB	Monomer	3.3	0.61
		Homodimer	4.4	1.93
P77757	ArnC	Monomer	3.2	0.49
P76472	ArnD	Monomer	3	0.43
Q47377	ArnE	Monomer	2.1	0.09
P76474	ArnF	Monomer	2.2	0.11
P76473	ArnT	Monomer	3.9	1.2
P0A6D3	AroA	Monomer	3.5	0.72
P07639	AroB	Monomer	3.2	0.55
P12008	AroC	Monomer	3.3	0.56
		Homotetramer	5.6	5.78
P05194	AroD	Monomer	2.8	0.32
		Homodimer	3.7	0.97
P15770	AroE	Monomer	2.9	0.35
P00888	AroF	Monomer	3.2	0.55
P0AB91	AroG	Monomer	3.2	0.53
		Homotetramer	5.5	5.48
P00887	AroH	Monomer	3.2	0.55
P0A6D7	AroK	Monomer	2.5	0.19
P0A6E1	AroL	Monomer	2.5	0.18
P0AE28	AroM	Monomer	2.7	0.27
P15993	AroP	Monomer	3.6	0.82
P23325	ArpA	Monomer	4.4	1.91
P76205	ArpB	Monomer	4.1	1.47
P78285	ArrD	Monomer	2.4	0.16
P76159	ArrQ	Monomer	2.5	0.19
P0AB93	ArsB	Monomer	3.4	0.71

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AB96	ArsC	Monomer	2.3	0.14
P37309	ArsR	Monomer	2.1	0.1
		Homodimer	2.8	0.3
P30859	ArtI	Monomer	2.8	0.31
P30860	ArtJ	Monomer	2.8	0.31
P0AE30	ArtM	Monomer	2.7	0.27
P0AAF6	ArtP	Monomer	2.8	0.31
P0AE34	ArtQ	Monomer	2.8	0.29
P24240	AscB	Monomer	3.7	0.94
P24241	AscF	Monomer	3.6	0.86
P24242	AscG	Monomer	3.2	0.51
P0A9Q9	Asd	Monomer	3.3	0.58
		Homodimer	4.3	1.81
P25549	AslA	Monomer	3.9	1.14
P25550	AslB	Monomer	3.5	0.74
P28249	AsmA	Monomer	4.1	1.41
P00963	AsnA	Monomer	3.2	0.5
		Homodimer	4.2	1.56
P22106	AsnB	Monomer	3.9	1.2
		Homodimer	5.1	3.9
P0ACI6	AsnC	Monomer	2.3	0.15
P0A8M0	AsnS	Monomer	3.7	0.9
		Homodimer	4.8	2.88
P0AC38	AspA	Monomer	3.6	0.89
		Homotetramer	6.3	9.74
P00509	AspC	Monomer	3.4	0.66
		Homodimer	4.5	2.09
P21889	AspS	Monomer	4	1.31
		Homodimer	5.2	4.26
P36560	Asr	Monomer	1.9	0.07

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AE37	AstA	Monomer	3.2	0.54
P76216	AstB	Monomer	3.6	0.81
		Homodimer	4.7	2.58
P77581	AstC	Monomer	3.4	0.66
P76217	AstD	Monomer	3.7	0.91
P76215	AstE	Monomer	3.1	0.48
P76459	AtoA	Monomer	2.6	0.24
		Heterodimer (AtoA-AtoD)	3.5	0.73
P76461	AtoB	Monomer	3.3	0.58
Q06065	AtoC	Monomer	3.6	0.89
P76458	AtoD	Monomer	2.7	0.25
		Heterodimer (AtoA-AtoD)	3.5	0.73
P76460	AtoE	Monomer	3.5	0.76
Q06067	AtoS	Monomer	4	1.37
P0ABB0	AtpA	Monomer	3.7	0.97
P0AB98	AtpB	Monomer	2.9	0.37
P0A6E6	AtpC	Monomer	2.2	0.13
P0ABB4	AtpD	Monomer	3.6	0.84
P68699	AtpE	Monomer	1.8	0.05
P0ABA0	AtpF	Monomer	2.4	0.15
P0ABA6	AtpG	Monomer	3	0.39
P0ABA4	AtpH	Monomer	2.5	0.18
P0ABC0	AtpI	Monomer	2.2	0.11
P09053	AvtA	Monomer	3.5	0.74
		Homodimer	4.6	2.35
P41407	AzoR	Monomer	2.6	0.22
		Homodimer	3.4	0.66
C1P605	AzuC	Monomer	1.2	0.01
P75688	Unnamed	Monomer	1.7	0.05
P75971	Unnamed	Monomer	2	0.08

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P11291	Unnamed	Monomer	2.4	0.16
P08339	Unnamed	Monomer	1.9	0.07
Q47719	Unnamed	Monomer	2.2	0.13
P69228	BaeR	Monomer	2.8	0.32
P30847	BaeS	Monomer	3.6	0.88
P0AEC5	BarA	Monomer	4.7	2.75
P30843	BasR	Monomer	2.7	0.27
		Homodimer	3.6	0.83
P30844	BasS	Monomer	3.3	0.6
P27297	Bax	Monomer	3	0.38
P0AE52	Bcp	Monomer	2.4	0.16
P28246	Bcr	Monomer	3.4	0.66
P37653	BcsA	Monomer	4.7	2.63
P37652	BcsB	Monomer	4.4	2.04
P37650	BcsC	Monomer	5.2	4.04
P37651	BcsZ	Monomer	3.3	0.62
P76127	Bdm	Monomer	1.7	0.05
P17444	BetA	Monomer	3.9	1.18
P17445	BetB	Monomer	3.7	0.91
		Homotetramer	6.3	9.93
P17446	BetI	Monomer	2.6	0.22
P0ABC9	BetT	Monomer	4.2	1.65
P0AE56	Bfd	Monomer	1.7	0.04
P0ABD3	Bfr	Monomer	2.4	0.17
Q46829	BglA	Monomer	3.7	0.98
P11988	BglB	Monomer	3.7	0.91
P08722	BglF	Monomer	4	1.32
P11989	BglG	Monomer	3	0.41
P26218	BglH	Monomer	3.9	1.14
P39404	BglJ	Monomer	2.8	0.28

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33363	BglX	Monomer	4.4	1.94
P0AB40	BhsA	Monomer	1.8	0.06
P12995	BioA	Monomer	3.5	0.76
		Homodimer	4.6	2.4
P12996	BioB	Monomer	3.2	0.55
		Homodimer	4.2	1.7
P12999	BioC	Monomer	2.9	0.33
P13000	BioD1	Monomer	2.7	0.26
		Homodimer	3.5	0.78
P0A6E9	BioD2	Monomer	2.7	0.27
		Homodimer	3.6	0.83
P12998	BioF	Monomer	3.3	0.61
		Homodimer	4.4	1.93
P13001	BioH	Monomer	2.9	0.34
P06709	BirA	Monomer	3.1	0.47
P20099	BisC	Monomer	4.4	2.04
P0A901	Blc	Monomer	2.5	0.19
P56976	Blr	Monomer	1.4	0.02
P0ABE2	BolA	Monomer	2	0.09
P77330	BorD	Monomer	1.9	0.07
P0AD99	BrnQ	Monomer	3.5	0.73
P39297	BsmA	Monomer	2	0.09
P0AAY1	BssR	Monomer	2.2	0.12
P0AB33	BssS	Monomer	1.9	0.06
P06129	BtuB	Monomer	4	1.39
P06609	BtuC	Monomer	3.1	0.46
P06611	BtuD	Monomer	2.8	0.31
P06610	BtuE	Monomer	2.5	0.2
P37028	BtuF	Monomer	2.9	0.35
P0A9H5	BtuR	Monomer	2.6	0.22

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A9H3	CadA	Monomer	4.3	1.85
		Homodimer	5.7	6.17
P0AAE8	CadB	Monomer	3.5	0.74
P23890	CadC	Monomer	3.8	1.05
P60584	CaiA	Monomer	3.4	0.64
		Homotetramer	5.8	6.71
P31572	CaiB	Monomer	3.4	0.7
		Homodimer	4.5	2.22
P31552	CaiC	Monomer	3.8	1.07
P31551	CaiD	Monomer	2.9	0.33
P39206	CaiE	Monomer	2.6	0.21
P0AE58	CaiF	Monomer	2.3	0.13
P31553	CaiT	Monomer	3.8	1.01
P61517	Can	Monomer	2.7	0.27
		Homodimer	3.6	0.83
P0A6F1	CarA	Monomer	3.3	0.61
		Heterotetramer ($CarA_2$-$CarB_2$)	7.4	21.15
P00968	CarB	Monomer	5	3.51
		Heterotetramer ($CarA_2$-$CarB_2$)	7.4	21.15
Q47083	Cbl	Monomer	3.1	0.48
P36659	CbpA	Monomer	3.1	0.45
P63264	CbpM	Monomer	2	0.08
P31456	CbrA	Monomer	3.3	0.58
P31468	CbrB	Monomer	2.3	0.15
P31469	CbrC	Monomer	2.6	0.23
P64524	CbtA	Monomer	2.2	0.11
P06961	Cca	Monomer	3.5	0.73
		Homodimer	4.6	2.33
P33931	CcmA	Monomer	2.6	0.24
P0ABL8	CcmB	Monomer	2.7	0.25

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0ABM1	CcmC	Monomer	2.8	0.32
P0ABM5	CcmD	Monomer	1.7	0.05
P69490	CcmE	Monomer	2.4	0.16
P33927	CcmF	Monomer	4.1	1.49
P0ABM9	CcmH	Monomer	3.3	0.56
P37047	CdaR	Monomer	3.4	0.66
P0ABF6	Cdd	Monomer	3	0.39
		Homodimer	3.9	1.21
P06282	Cdh	Monomer	2.9	0.33
P0ABG1	CdsA	Monomer	3	0.39
P0AE60	CedA	Monomer	1.9	0.06
P0A9H7	Cfa	Monomer	3.4	0.67
P31801	ChaA	Monomer	3.3	0.56
P0AE63	ChaB	Monomer	1.8	0.06
P39163	ChaC	Monomer	2.7	0.28
P69791	ChbA	Monomer	2.1	0.1
		Homodimer	2.7	0.28
P69795	ChbB	Monomer	2	0.08
P17334	ChbC	Monomer	3.5	0.78
P17411	ChbF	Monomer	3.6	0.84
		Homotetramer	6.2	9.13
P37794	ChbG	Monomer	2.8	0.32
P17410	ChbR	Monomer	3	0.42
		Homodimer	4.0	1.31
P07363	CheA	Monomer	4.1	1.49
P07330	CheB	Monomer	3.2	0.52
P07364	CheR	Monomer	3	0.42
P0A964	CheW	Monomer	2.4	0.17
P0AE67	CheY	Monomer	2.2	0.11
P0A9H9	CheZ	Monomer	2.7	0.26

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	3.5	0.77
P13656	ChiA	Monomer	4.6	2.51
P76213	Cho	Monomer	3.1	0.44
P33647	ChpB	Monomer	2.1	0.09
		Homodimer	2.7	0.27
P08365	ChpS	Monomer	1.8	0.06
P17315	CirA	Monomer	4.2	1.58
P77390	CitC	Monomer	3.3	0.58
P69330	CitD	Monomer	2	0.07
P0A9I1	CitE	Monomer	3	0.43
P75726	CitF	Monomer	3.7	0.97
P77231	CitG	Monomer	3	0.4
P0AE74	CitT	Monomer	3.7	0.91
P0A6G5	CitX	Monomer	2.5	0.2
P37019	ClcA	Monomer	3.6	0.84
P76175	ClcB	Monomer	3.4	0.68
P0ABH9	ClpA	Monomer	4.4	1.97
P63284	ClpB	Monomer	4.6	2.44
		Homohexamer	9.3	65.67
P0A6G7	ClpP	Monomer	2.6	0.24
		Heterodimer (ClpP-ClpX)	4.1	1.43
P0A8Q6	ClpS	Monomer	2.1	0.09
P0A6H1	ClpX	Monomer	3.5	0.73
		Heterodimer (ClpP-ClpX)	4.1	1.43
P0A6H8	Cls	Monomer	3.7	0.96
P0A6I0	Cmk	Monomer	2.7	0.27
P76290	CmoA	Monomer	2.8	0.32
P76291	CmoB	Monomer	3.2	0.51
P69826	CmtA	Monomer	3.6	0.8
P69824	CmtB	Monomer	2.3	0.14

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P64467	Cnu	Monomer	1.8	0.05
P0A6I3	CoaA	Monomer	3.2	0.49
P0ABQ0	CoaBC	Monomer	3.4	0.66
		Homododecamer	9.0	54.42
P0A6I6	CoaD	Monomer	2.4	0.16
		Homohexamer	4.8	2.97
P0A6I9	CoaE	Monomer	2.6	0.23
P75960	CobB	Monomer	2.8	0.3
P52086	CobC	Monomer	2.7	0.24
P36561	CobS	Monomer	2.8	0.3
P36562	CobT	Monomer	3.2	0.51
		Homodimer	4.2	1.58
P0AE76	CobU	Monomer	2.5	0.2
		Homodimer	3.3	0.58
P25524	CodA	Monomer	3.5	0.76
		Homotetramer	6.0	8.2
P0AA82	CodB	Monomer	3.4	0.66
P46891	Cof	Monomer	2.9	0.37
P75974	CohE	Monomer	2.7	0.27
Q59385	CopA	Monomer	4.5	2.12
P0ABI4	CorA	Monomer	3.2	0.5
P0AE78	CorC	Monomer	3.1	0.43
P08331	CpdB	Monomer	4.1	1.47
P0CB39	CptA	Monomer	4	1.33
P0AE82	CpxA	Monomer	3.6	0.87
P0AE85	CpxP	Monomer	2.4	0.18
P0AE88	CpxR	Monomer	2.8	0.3
P37001	CrcA	Monomer	2.6	0.22
P37002	CrcB	Monomer	2.2	0.11
P0AE91	CreA	Monomer	2.4	0.15

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P08368	CreB	Monomer	2.8	0.29
P08401	CreC	Monomer	3.6	0.89
P08369	CreD	Monomer	3.6	0.82
P24251	Crl	Monomer	2.3	0.13
P75975	CroE	Monomer	1.7	0.04
P0ACJ8	Crp	Monomer	2.7	0.25
P69783	Crr	Monomer	2.4	0.17
		Heterodimer (Crr-GlpK)	4.2	1.6
Q46925	CsdA	Monomer	3.4	0.65
		Homodimer	4.4	2.06
P28307	CsgA	Monomer	2.2	0.12
P0ABK7	CsgB	Monomer	2.3	0.14
P52107	CsgC	Monomer	2	0.09
P52106	CsgD	Monomer	2.7	0.27
P0AE95	CsgE	Monomer	2.2	0.12
P0AE98	CsgF	Monomer	2.2	0.13
P0AEA2	CsgG	Monomer	3	0.37
P76621	CsiD	Monomer	3.2	0.52
		Homotetramer	5.5	5.32
P54901	CsiE	Monomer	3.6	0.8
P37338	CsiR	Monomer	2.7	0.27
P0A9X9	CspA	Monomer	1.7	0.04
P36995	CspB	Monomer	1.7	0.05
P0A9Y6	CspC	Monomer	1.7	0.04
P0A968	CspD	Monomer	1.7	0.05
		Homodimer	2.3	0.14
P0A972	CspE	Monomer	1.7	0.04
P0A976	CspF	Monomer	1.7	0.04
P0A978	CspG	Monomer	1.7	0.05
P0A982	CspH	Monomer	1.7	0.05

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A986	CspI	Monomer	1.7	0.05
P69913	CsrA	Monomer	1.6	0.04
		Homodimer	2.2	0.11
P13518	CsrD	Monomer	4.2	1.56
P15078	CstA	Monomer	4.2	1.62
P36649	CueO	Monomer	3.8	1.01
P0A9G4	CueR	Monomer	2.2	0.13
		Homodimer	2.9	0.37
P38054	CusA	Monomer	5	3.35
P77239	CusB	Monomer	3.4	0.68
P77211	CusC	Monomer	3.6	0.83
P77214	CusF	Monomer	2.1	0.09
P0ACZ8	CusR	Monomer	2.7	0.28
P77485	CusS	Monomer	3.7	0.93
P69488	CutA	Monomer	2.1	0.09
		Homotrimer	3.2	0.51
P67826	CutC	Monomer	2.8	0.3
		Homodimer	3.7	0.92
P08550	CvpA	Monomer	2.4	0.16
P76007	CvrA	Monomer	3.9	1.19
P00936	CyaA	Monomer	4.7	2.53
P27838	CyaY	Monomer	2.1	0.09
P0ABE5	CybB	Monomer	2.5	0.2
P0AAE0	CycA	Monomer	3.6	0.87
P0ABJ9	CydA	Monomer	3.8	1.06
P0ABK2	CydB	Monomer	3.4	0.63
P23886	CydC	Monomer	3.9	1.21
P29018	CydD	Monomer	4	1.28
P27111	CynR	Monomer	3	0.42
P00816	CynS	Monomer	2.3	0.15

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodecamer	5.8	6.72
P0ABE9	CynT	Monomer	2.7	0.25
P17583	CynX	Monomer	3.3	0.61
P0ABJ1	CyoA	Monomer	3.1	0.46
P0ABI8	CyoB	Monomer	4.2	1.6
P0ABJ3	CyoC	Monomer	2.6	0.23
P0ABJ6	CyoD	Monomer	2	0.09
P0AEA5	CyoE	Monomer	3	0.41
P16676	CysA	Monomer	3.3	0.6
P0A9F3	CysB	Monomer	3.2	0.49
		Homotetramer	5.4	5.02
P0A6J1	CysC	Monomer	2.6	0.23
P21156	CysD	Monomer	3.1	0.47
		Heterodimer (CysD-CysN)	4.5	2.11
P0A9D4	CysE	Monomer	2.9	0.35
		Homohexamer	5.9	7.11
P0AEA8	CysG	Monomer	3.6	0.83
P17854	CysH	Monomer	2.9	0.33
		Homodimer	3.7	1.0
P17846	CysI	Monomer	3.9	1.24
P38038	CysJ	Monomer	4	1.32
P0ABK5	CysK	Monomer	3.1	0.45
		Homodimer	4.1	1.41
P16703	CysM	Monomer	3	0.42
		Homodimer	4.0	1.29
P23845	CysN	Monomer	3.7	0.9
		Heterodimer (CysD-CysN)	4.5	2.11
P16700	CysP	Monomer	3.2	0.52
P22255	CysQ	Monomer	2.8	0.31
P21888	CysS	Monomer	3.6	0.89

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P16701	CysU	Monomer	2.9	0.37
P0AEB0	CysW	Monomer	3	0.41
P0A6J3	CysZ	Monomer	2.9	0.35
P0ACN7	CytR	Monomer	3.2	0.53
P0AEB2	DacA	Monomer	3.4	0.68
P24228	DacB	Monomer	3.6	0.88
P08506	DacC	Monomer	3.4	0.66
P33013	DacD	Monomer	3.4	0.66
P0A6J5	DadA	Monomer	3.5	0.76
P29012	DadX	Monomer	3.2	0.55
P0AEE8	Dam	Monomer	3	0.41
P11557	DamX	Monomer	3.5	0.73
P0A6L2	DapA	Monomer	3	0.39
		Homotetramer	5.1	3.89
P04036	DapB	Monomer	2.9	0.34
		Homotetramer	5.0	3.36
P0A9D8	DapD	Monomer	2.9	0.36
		Homotrimer	4.5	2.19
P0AED7	DapE	Monomer	3.3	0.61
		Homodimer	4.4	1.9
P0A6K1	DapF	Monomer	2.9	0.37
P21693	DbpA	Monomer	3.6	0.81
P28248	Dcd	Monomer	2.6	0.21
		Homotetramer	4.4	2.0
P0AED9	Dcm	Monomer	3.7	0.92
P24171	Dcp	Monomer	4.3	1.71
P0AEE1	DcrB	Monomer	2.5	0.19
P0A830	DctA	Monomer	3.4	0.71
P37195	DctR	Monomer	2.5	0.2
P0ABN5	DcuA	Monomer	3.5	0.72

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0ABN9	DcuB	Monomer	3.5	0.77
P0ABP3	DcuC	Monomer	3.5	0.78
P45428	DcuD	Monomer	3.5	0.8
P0AD01	DcuR	Monomer	2.8	0.32
P0AEC8	DcuS	Monomer	3.9	1.13
P76316	DcyD	Monomer	3.1	0.47
		Homodimer	4.1	1.45
P0A6J8	DdlA	Monomer	3.3	0.56
P07862	DdlB	Monomer	3	0.42
P76128	DdpA	Monomer	3.8	1.05
P77308	DdpB	Monomer	3.2	0.52
P77463	DdpC	Monomer	3	0.4
P77268	DdpD	Monomer	3.2	0.49
P77622	DdpF	Monomer	3.1	0.46
P77790	DdpX	Monomer	2.6	0.21
P0A9P6	DeaD	Monomer	4.1	1.46
P0ABP6	DedA	Monomer	2.7	0.26
P09549	DedD	Monomer	2.6	0.24
P0A6K3	Def	Monomer	2.5	0.18
P0C0V0	DegP	Monomer	3.6	0.81
P39099	DegQ	Monomer	3.5	0.75
P0AEE3	DegS	Monomer	3.2	0.52
P07650	DeoA	Monomer	3.5	0.75
		Homodimer	4.6	2.39
P0A6K6	DeoB	Monomer	3.4	0.68
P0A6L0	DeoC	Monomer	2.8	0.32
		Homodimer	3.7	0.98
P0ABP8	DeoD	Monomer	2.8	0.29
		Homohexamer	5.6	5.72
P0ACK5	DeoR	Monomer	2.9	0.34

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homoocatmer	6.5	11.41
P0A6P5	Der	Monomer	3.7	0.97
P0ABN1	DgkA	Monomer	2.1	0.1
Q6BF16	DgoA	Monomer	2.6	0.21
Q6BF17	DgoD	Monomer	3.4	0.64
P31459	DgoK	Monomer	3	0.39
P31460	DgoR	Monomer	2.8	0.29
P0AA76	DgoT	Monomer	3.5	0.75
P15723	Dgt	Monomer	3.8	1.1
		Homotetramer	6.6	12.26
P76015	DhaK	Monomer	3.2	0.54
		Homodimer	4.2	1.67
P76014	DhaL	Monomer	2.6	0.23
		Homodimer	3.4	0.7
P37349	DhaM	Monomer	3.6	0.87
		Homodimer	4.7	2.77
P76016	DhaR	Monomer	4.1	1.46
P66817	DiaA	Monomer	2.6	0.21
		Homodimer	3.3	0.63
P06966	DicA	Monomer	2.3	0.13
P09557	DicB	Monomer	1.7	0.04
P06965	DicC	Monomer	1.8	0.05
Q47155	DinB	Monomer	3.3	0.56
P23840	DinD	Monomer	3	0.38
P28303	DinF	Monomer	3.6	0.82
P27296	DinG	Monomer	4.3	1.86
P0ABR1	DinI	Monomer	1.8	0.06
Q47150	DinJ	Monomer	1.9	0.06
		Heterodimer (DinJ-YafQ)	2.5	0.2
A5A624	DinQ	Monomer	1.4	0.02

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P31680	DjlA	Monomer	3	0.38
P77381	DjlB	Monomer	3.7	0.97
P77359	DjlC	Monomer	3.7	0.99
Q46857	DkgA	Monomer	3	0.39
P30863	DkgB	Monomer	2.9	0.35
P0ABS1	DksA	Monomer	2.4	0.16
P06149	Dld	Monomer	4	1.26
P37672	DlgD	Monomer	3.2	0.5
		Homodimer	4.2	1.55
P76251	DmlA	Monomer	3.3	0.58
P76250	DmlR	Monomer	3.1	0.46
P18775	DmsA	Monomer	4.5	2.22
P18776	DmsB	Monomer	2.6	0.24
P18777	DmsC	Monomer	3	0.38
P69853	DmsD	Monomer	2.7	0.25
P03004	DnaA	Monomer	3.6	0.9
P0ACB0	DnaB	Monomer	3.6	0.89
		Homohexamer	7.4	20.63
P0AEF0	DnaC	Monomer	2.8	0.33
P10443	DnaE	Monomer	5.2	4.16
P0ABS5	DnaG	Monomer	4	1.29
P08622	DnaJ	Monomer	3.3	0.6
		Homodimer	4.3	1.89
P0A6Y8	DnaK	Monomer	4.1	1.41
P0A988	DnaN	Monomer	3.3	0.59
		Homodimer	4.3	1.85
P03007	DnaQ	Monomer	2.8	0.31
P0A8J2	DnaT	Monomer	2.5	0.19
P06710	DnaX	Monomer	4.1	1.48
P0AA89	DosC	Monomer	3.7	0.92

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P76129	DosP	Monomer	4.5	2.22
		Homodimer	5.9	7.45
P0AEF4	DpiA	Monomer	2.7	0.28
P77510	DpiB	Monomer	3.9	1.17
P23847	DppA	Monomer	3.9	1.13
P0AEF8	DppB	Monomer	3.2	0.52
P0AEG1	DppC	Monomer	3	0.41
P0AAG0	DppD	Monomer	3.1	0.48
P37313	DppF	Monomer	3.2	0.52
P0ABT2	Dps	Monomer	2.4	0.17
		Homododecamer	6.4	11.04
P0AEG4	DsbA	Monomer	2.6	0.24
P0A6M2	DsbB	Monomer	2.5	0.2
P0AEG6	DsbC	Monomer	2.8	0.28
P36655	DsbD	Monomer	3.9	1.17
P0AA86	DsbE	Monomer	2.5	0.21
P77202	DsbG	Monomer	2.8	0.32
P00926	DsdA	Monomer	3.5	0.77
P46068	DsdC	Monomer	3.1	0.47
P08555	DsdX	Monomer	3.5	0.75
P0AEG8	DsrB	Monomer	1.7	0.04
P0A6M4	Dtd	Monomer	2.3	0.14
		Homodimer	3.0	0.4
P77304	DtpA	Monomer	3.7	0.94
P36837	DtpB	Monomer	3.7	0.93
P75742	DtpD	Monomer	3.7	0.94
P32695	DusA	Monomer	3.2	0.5
P0ABT5	DusB	Monomer	3.1	0.48
P33371	DusC	Monomer	3.1	0.47
P06968	Dut	Monomer	2.3	0.14

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homotrimer	3.5	0.79
P45568	Dxr	Monomer	3.4	0.66
		Homodimer	4.4	2.07
P77488	Dxs	Monomer	4	1.36
		Homodimer	5.3	4.46
P36943	EaeH	Monomer	3	0.43
P31125	EamA	Monomer	3	0.41
P38101	EamB	Monomer	2.6	0.21
P06864	EbgA	Monomer	5	3.51
		Heterooctamer ($EbgA_4$-$EbgC_4$)	9.1	58.61
P0AC73	EbgC	Monomer	2.4	0.16
		Heterooctamer ($EbgA_4$-$EbgC_4$)	9.1	58.61
P06846	EbgR	Monomer	3.2	0.49
P0ADB4	EcnA	Monomer	1.4	0.02
P0ADB7	EcnB	Monomer	1.4	0.02
P23827	Eco	Monomer	2.4	0.17
P33128	EcpD	Monomer	2.8	0.31
P0A955	Eda	Monomer	2.6	0.23
		Homotrimer	4.0	1.34
P0ADF6	Edd	Monomer	4	1.26
P75901	EfeU	Monomer	2.9	0.37
P0A6N4	Efp	Monomer	2.5	0.2
P0AEH3	ElaA	Monomer	2.4	0.16
P0AEH5	ElaB	Monomer	2	0.08
Q47013	ElaD	Monomer	3.5	0.72
P0ABU5	ElbB	Monomer	2.6	0.24
P27303	EmrA	Monomer	3.4	0.64
P0AEJ0	EmrB	Monomer	3.7	0.99
P31442	EmrD	Monomer	3.3	0.63
P23895	EmrE	Monomer	2	0.09

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P52599	EmrK	Monomer	3.4	0.64
P52600	EmrY	Monomer	3.7	1.0
P0C960	EmtA	Monomer	2.6	0.23
P25736	EndA	Monomer	2.8	0.3
P0A6P7	EngB	Monomer	2.7	0.25
P0ABU2	EngD	Monomer	3.3	0.57
P0A6P9	Eno	Monomer	3.5	0.71
		Homodimer	4.5	2.26
P15047	EntA	Monomer	2.8	0.29
		Homoocatmer	6.3	9.79
P0ADI4	EntB	Monomer	3	0.41
P0AEJ2	EntC	Monomer	3.4	0.65
P19925	EntD	Monomer	2.7	0.25
P10378	EntE	Monomer	3.8	1.09
P11454	EntF	Monomer	5.4	4.86
P24077	EntS	Monomer	3.4	0.65
P37690	EnvC	Monomer	3.5	0.74
P0ACT2	EnvR	Monomer	2.7	0.28
P10805	EnvY	Monomer	2.9	0.35
P0AEJ4	EnvZ	Monomer	3.6	0.84
P0A9B6	Epd	Monomer	3.2	0.51
		Homotetramer	5.5	5.3
P30845	EptA	Monomer	3.9	1.17
P37661	EptB	Monomer	3.9	1.24
P06616	Era	Monomer	3.1	0.44
P39176	ErfK	Monomer	3.1	0.45
P0ACC3	ErpA	Monomer	2.1	0.09
		Homodimer	2.7	0.26
P0A9R2	EssD	Monomer	1.7	0.05
P77237	EssQ	Monomer	1.7	0.05

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P38134	Etk	Monomer	4.3	1.85
P0ACZ2	Etp	Monomer	2.3	0.14
P76551	EutA	Monomer	3.6	0.82
P0AEJ6	EutB	Monomer	3.6	0.81
		Heterodimer (EutB-EutC)	4.3	1.85
P19636	EutC	Monomer	3	0.4
		Heterodimer (EutB-EutC)	4.3	1.85
P77218	EutD	Monomer	3.1	0.49
P77445	EutE	Monomer	3.6	0.8
P76553	EutG	Monomer	3.3	0.6
P76552	EutH	Monomer	3.4	0.64
P77277	EutJ	Monomer	2.9	0.37
P76540	EutK	Monomer	2.4	0.16
P76541	EutL	Monomer	2.6	0.24
P0ABF4	EutM	Monomer	1.9	0.07
P0AEJ8	EutN	Monomer	1.9	0.07
P76556	EutP	Monomer	2.4	0.16
P76555	EutQ	Monomer	2.7	0.28
P36547	EutR	Monomer	3.3	0.58
P63746	EutS	Monomer	2	0.08
P65643	EutT	Monomer	2.9	0.37
P0ACZ4	EvgA	Monomer	2.6	0.23
		Homodimer	3.4	0.71
P30855	EvgS	Monomer	5.3	4.43
P0ABU7	ExbB	Monomer	2.8	0.3
P0ABV2	ExbD	Monomer	2.3	0.13
P0AEK0	ExoX	Monomer	2.7	0.28
P0ACL2	ExuR	Monomer	2.9	0.36
P0AA78	ExuT	Monomer	3.6	0.87
P0A6Q3	FabA	Monomer	2.4	0.18

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	3.2	0.53
P0A953	FabB	Monomer	3.4	0.64
		Homodimer	4.4	2.01
P0AAI9	FabD	Monomer	3	0.41
P0AAI5	FabF	Monomer	3.4	0.65
		Homodimer	4.4	2.05
P0AEK2	FabG	Monomer	2.8	0.28
		Homotetramer	4.7	2.74
P0A6R0	FabH	Monomer	3.1	0.43
		Homodimer	4.0	1.34
P0AEK4	FabI	Monomer	2.8	0.32
		Homotetramer	4.9	3.18
P0ACU5	FabR	Monomer	2.7	0.26
		Homodimer	3.5	0.8
P0A6Q6	FabZ	Monomer	2.3	0.15
P21151	FadA	Monomer	3.3	0.6
		Heterotetramer ($FadA_2$-$FadB_2$)	6.6	12.59
P21177	FadB	Monomer	4.3	1.79
		Heterotetramer ($FadA_2$-$FadB_2$)	6.6	12.59
P69451	FadD	Monomer	3.9	1.19
Q47146	FadE	Monomer	4.5	2.17
P42593	FadH	Monomer	4.1	1.54
P76503	FadI	Monomer	3.5	0.74
		Heterotetramer ($FadI_2$-$FadJ_2$)	6.7	13.19
P77399	FadJ	Monomer	4.2	1.7
		Heterotetramer ($FadI_2$-$FadJ_2$)	6.7	13.19
P38135	FadK	Monomer	3.9	1.14
P10384	FadL	Monomer	3.5	0.79
P0A8V6	FadR	Monomer	2.8	0.31
		Homodimer	3.7	0.94

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AB71	FbaA	Monomer	3.3	0.56
		Homodimer	4.3	1.74
P0A991	FbaB	Monomer	3.2	0.53
		Homoocatmer	7.3	19.48
P0A993	Fbp	Monomer	3.2	0.5
		Homotetramer	5.5	5.19
P75681	FbpB	Monomer	2.1	0.09
P37009	FbpC	Monomer	3.2	0.55
P32055	Fcl	Monomer	3.2	0.49
		Homodimer	4.1	1.52
P32177	FdhD	Monomer	3	0.37
P13024	FdhE	Monomer	3.1	0.46
P07658	FdhF	Monomer	4.3	1.78
P24183	FdnG	Monomer	4.9	3.26
P0AAJ3	FdnH	Monomer	3	0.41
P0AEK7	FdnI	Monomer	2.7	0.28
P32176	FdoG	Monomer	4.9	3.24
P0AAJ5	FdoH	Monomer	3	0.43
P0AEL0	FdoI	Monomer	2.7	0.27
Q47208	FdrA	Monomer	3.8	1.07
P0A9R4	Fdx	Monomer	2.1	0.09
P80668	FeaB	Monomer	3.7	0.93
		Homodimer	4.8	2.99
Q47129	FeaR	Monomer	3.1	0.46
P13036	FecA	Monomer	4.4	2.01
P15028	FecB	Monomer	3	0.43
P15030	FecC	Monomer	3.1	0.46
P15029	FecD	Monomer	3.1	0.45
P15031	FecE	Monomer	2.9	0.33
P23484	FecI	Monomer	2.5	0.19

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P23485	FecR	Monomer	3.1	0.48
P0AEL3	FeoA	Monomer	1.8	0.05
P33650	FeoB	Monomer	4.4	1.98
P64638	FeoC	Monomer	1.8	0.05
P05825	FepA	Monomer	4.3	1.89
P0AEL6	FepB	Monomer	3.1	0.45
P23878	FepC	Monomer	2.9	0.36
P23876	FepD	Monomer	3.1	0.44
P26266	FepE	Monomer	3.3	0.63
P23877	FepG	Monomer	3.1	0.46
P13039	Fes	Monomer	3.4	0.64
P0AGD7	Ffh	Monomer	3.6	0.82
Q47153	FhiA	Monomer	3.9	1.22
P19323	FhlA	Monomer	4.3	1.75
P06971	FhuA	Monomer	4.3	1.89
P06972	FhuB	Monomer	4.1	1.46
P07821	FhuC	Monomer	2.9	0.34
P07822	FhuD	Monomer	3	0.42
P16869	FhuE	Monomer	4.3	1.85
P39405	FhuF	Monomer	2.9	0.37
P20605	Fic	Monomer	2.6	0.24
P69380	FieF	Monomer	3	0.42
P04128	FimA	Monomer	2.4	0.17
P0ADH5	FimB	Monomer	2.6	0.24
P31697	FimC	Monomer	2.8	0.3
P30130	FimD	Monomer	4.6	2.48
P0ADH7	FimE	Monomer	2.6	0.24
P08189	FimF	Monomer	2.4	0.17
P08190	FimG	Monomer	2.4	0.15
P08191	FimH	Monomer	3	0.39

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P39264	FimI	Monomer	2.5	0.18
P0AEL8	FimZ	Monomer	2.7	0.25
P0A6R3	Fis	Monomer	2	0.08
		Homodimer	2.6	0.23
P75780	Fiu	Monomer	4.3	1.88
P60566	FixA	Monomer	2.8	0.31
		Heterodimer (FixA-FixB)	3.9	1.14
P31574	FixB	Monomer	3.1	0.43
		Heterodimer (FixA-FixB)	3.9	1.14
P68644	FixC	Monomer	3.5	0.71
P68646	FixX	Monomer	1.9	0.07
P0A9L3	FklB	Monomer	2.6	0.23
		Homodimer	3.4	0.68
P45523	FkpA	Monomer	2.9	0.34
P0AEM0	FkpB	Monomer	2.3	0.14
P61949	FldA	Monomer	2.5	0.19
P0ABY4	FldB	Monomer	2.5	0.19
P75933	FlgA	Monomer	2.7	0.25
P0ABW9	FlgB	Monomer	2.2	0.13
P0ABX2	FlgC	Monomer	2.2	0.11
P75936	FlgD	Monomer	2.7	0.25
P75937	FlgE	Monomer	3.3	0.62
P75938	FlgF	Monomer	2.8	0.29
P0ABX5	FlgG	Monomer	2.8	0.32
P0A6S0	FlgH	Monomer	2.7	0.27
P0A6S3	FlgI	Monomer	3.2	0.53
P75942	FlgJ	Monomer	3.1	0.45
P33235	FlgK	Monomer	3.8	1.05
P29744	FlgL	Monomer	3.1	0.45
P0AEM4	FlgM	Monomer	1.9	0.07

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P43533	FlgN	Monomer	2.3	0.14
P76298	FlhA	Monomer	4.2	1.61
P76299	FlhB	Monomer	3.4	0.63
P0ABY7	FlhC	Monomer	2.6	0.22
		Heterohexamer ($FlhC_2$-$FlhD_4$)	4.6	2.48
P0A8S9	FlhD	Monomer	2.1	0.1
		Homodimer	2.8	0.3
		Heterohexamer ($FlhC_2$-$FlhD_4$)	4.6	2.48
P76297	FlhE	Monomer	2.2	0.11
P0AEM6	FliA	Monomer	2.8	0.32
P04949	FliC	Monomer	3.6	0.86
P24216	FliD	Monomer	3.5	0.79
P0A8T5	FliE	Monomer	2	0.08
P25798	FliF	Monomer	3.9	1.13
P0ABZ1	FliG	Monomer	3.2	0.5
P31068	FliH	Monomer	2.7	0.27
P52612	FliI	Monomer	3.6	0.81
P52613	FliJ	Monomer	2.4	0.15
P52614	FliK	Monomer	3.3	0.56
P0ABX8	FliL	Monomer	2.4	0.15
P06974	FliM	Monomer	3.2	0.53
P15070	FliN	Monomer	2.2	0.12
P22586	FliO	Monomer	2.1	0.1
P0AC05	FliP	Monomer	2.8	0.31
P0AC07	FliQ	Monomer	1.9	0.06
P33135	FliR	Monomer	2.9	0.34
P26608	FliS	Monomer	2.2	0.12
P0ABY2	FliT	Monomer	2.2	0.11
		Homodimer	2.8	0.32
P0AEM9	FliY	Monomer	2.9	0.35

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P52627	FliZ	Monomer	2.6	0.22
P15286	Flk	Monomer	3.2	0.5
P39180	Flu	Monomer	4.8	2.96
P77609	FlxA	Monomer	2.1	0.09
P23882	Fmt	Monomer	3.1	0.45
P0A9E5	Fnr	Monomer	2.9	0.33
		Homodimer	3.7	0.99
P0AC23	FocA	Monomer	3	0.38
P77733	FocB	Monomer	3	0.37
P0ABQ4	FolA	Monomer	2.4	0.16
P0AC16	FolB	Monomer	2.1	0.11
		Homoocatmer	4.9	3.06
P08192	FolC	Monomer	3.4	0.71
P24186	FolD	Monomer	3	0.38
		Homodimer	3.9	1.18
P0A6T5	FolE	Monomer	2.7	0.27
		Homodecamer	6.7	13.3
P26281	FolK	Monomer	2.4	0.17
P0AFS3	FolM	Monomer	2.8	0.3
P0AC13	FolP	Monomer	3	0.38
		Homodimer	3.9	1.15
P0AC19	FolX	Monomer	2.2	0.11
		Homoocatmer	4.9	3.24
P28861	Fpr	Monomer	2.8	0.32
P69902	Frc	Monomer	3.5	0.72
		Homodimer	4.5	2.28
P00363	FrdA	Monomer	4	1.31
P0AC47	FrdB	Monomer	2.8	0.31
P0A8Q0	FrdC	Monomer	2.2	0.12
P0A8Q3	FrdD	Monomer	2.1	0.1

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AEN1	Fre	Monomer	2.8	0.29
P45539	FrlA	Monomer	3.5	0.76
P0AC00	FrlB	Monomer	3.2	0.54
		Homododecamer	8.6	43.16
P45541	FrlC	Monomer	3	0.39
P45543	FrlD	Monomer	2.9	0.33
P45544	FrlR	Monomer	2.8	0.32
P25437	FrmA	Monomer	3.3	0.56
		Homodimer	4.3	1.76
P51025	FrmB	Monomer	3	0.39
P0AAP3	FrmR	Monomer	1.9	0.07
P0A805	Frr	Monomer	2.5	0.2
P04335	FrsA	Monomer	3.5	0.75
P20966	FruA	Monomer	3.8	1.04
P69811	FruB	Monomer	3.3	0.57
P0AEW9	FruK	Monomer	3.1	0.44
P0ADF0	FruL	Monomer	1.2	0.01
P0ACP1	FruR	Monomer	3.2	0.53
P32155	FrvA	Monomer	2.3	0.14
P32154	FrvB	Monomer	3.6	0.86
P32152	FrvR	Monomer	4	1.31
P32153	FrvX	Monomer	3.2	0.55
P69816	FrwB	Monomer	2	0.08
P32672	FrwC	Monomer	3.2	0.51
P32676	FrwD	Monomer	2.1	0.1
P77439	FryA	Monomer	4.5	2.3
P69808	FryB	Monomer	2	0.09
P77579	FryC	Monomer	3.4	0.67
P78055	FsaA	Monomer	2.6	0.24
		Homododecamer	7.0	16.17

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P32669	FsaB	Monomer	2.7	0.25
P52067	Fsr	Monomer	3.4	0.65
P0A998	FtnA	Monomer	2.5	0.18
P0A9A2	FtnB	Monomer	2.4	0.18
P0ABH0	FtsA	Monomer	3.4	0.71
P0A6S5	FtsB	Monomer	2	0.08
P0A9R7	FtsE	Monomer	2.7	0.26
P0AAI3	FtsH	Monomer	4.1	1.47
P0AD68	FtsI	Monomer	3.9	1.24
P46889	FtsK	Monomer	5.5	5.15
		Homohexamer	11.0	155.32
P0AEN4	FtsL	Monomer	2.2	0.11
P29131	FtsN	Monomer	3.1	0.48
P06136	FtsQ	Monomer	3	0.39
P0ABG4	FtsW	Monomer	3.5	0.72
P0AC30	FtsX	Monomer	3.2	0.54
P10121	FtsY	Monomer	3.7	0.95
P0A9A6	FtsZ	Monomer	3.3	0.58
P0AB87	FucA	Monomer	2.7	0.25
		Homotetramer	4.6	2.42
P69922	FucI	Monomer	4	1.27
		Homohexamer	8.0	31.02
P11553	FucK	Monomer	3.7	0.92
P0A9S1	FucO	Monomer	3.3	0.59
P11551	FucP	Monomer	3.5	0.76
P0ACK8	FucR	Monomer	2.8	0.31
P0AEN8	FucU	Monomer	2.3	0.13
		Homodecamer	5.6	5.66
P0AC33	FumA	Monomer	3.9	1.13
		Homodimer	5.1	3.65

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P14407	FumB	Monomer	3.8	1.12
		Homodimer	5.0	3.63
P05042	FumC	Monomer	3.6	0.84
		Homotetramer	6.2	9.12
P0A9A9	Fur	Monomer	2.3	0.15
		Homodimer	3.1	0.44
P0A6M8	FusA	Monomer	4.3	1.72
P37147	FxsA	Monomer	2.4	0.16
P25526	GabD	Monomer	3.6	0.87
		Homotetramer	6.2	9.53
P25527	GabP	Monomer	3.6	0.86
P22256	GabT	Monomer	3.5	0.72
		Homotetramer	6.0	7.64
P69908	GadA	Monomer	3.7	0.9
		Homohexamer	7.4	20.85
P69910	GadB	Monomer	3.7	0.9
		Homohexamer	7.4	20.83
P63235	GadC	Monomer	3.7	0.97
P63204	GadE	Monomer	2.5	0.2
P63201	GadW	Monomer	2.9	0.33
		Homodimer	3.7	1.0
P37639	GadX	Monomer	3	0.39
		Homodimer	3.9	1.21
P09147	GalE	Monomer	3.2	0.51
		Homodimer	4.2	1.6
P0AAB6	GalF	Monomer	3	0.42
P0A6T3	GalK	Monomer	3.3	0.61
P0A9C3	GalM	Monomer	3.2	0.53
P0AEP1	GalP	Monomer	3.6	0.85
P03024	GalR	Monomer	3.2	0.51

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	4.2	1.59
P25748	GalS	Monomer	3.2	0.52
		Homodimer	4.2	1.61
P09148	GalT	Monomer	3.3	0.57
		Homodimer	4.3	1.78
P0AEP3	GalU	Monomer	3	0.42
		Homotetramer	5.2	4.26
P0A9B2	GapA	Monomer	3.1	0.48
		Homotetramer	5.4	4.87
P33898	GapC	Monomer	3.1	0.48
		Homotetramer	5.4	4.9
P39829	GarD	Monomer	3.8	1.01
P23524	GarK	Monomer	3.3	0.56
P23522	GarL	Monomer	2.8	0.32
		Homohexamer	5.7	6.29
P0AA80	GarP	Monomer	3.6	0.8
P0ABQ2	GarR	Monomer	2.9	0.37
P69828	GatA	Monomer	2.3	0.15
P37188	GatB	Monomer	1.9	0.07
P69831	GatC	Monomer	3.5	0.78
P0A9S3	GatD	Monomer	3.2	0.52
P36930	GatR	Monomer	2.8	0.33
P0C8J6	GatY	Monomer	3	0.38
P0C8J8	GatZ	Monomer	3.5	0.75
P15877	Gcd	Monomer	4.4	2.07
P0AEP7	Gcl	Monomer	4	1.27
		Homotetramer	6.8	14.37
P05852	Gcp	Monomer	3.1	0.49
P0A9F6	GcvA	Monomer	3.1	0.45
P0A6T9	GcvH	Monomer	2.2	0.11

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33195	GcvP	Monomer	4.8	2.84
P0A9I3	GcvR	Monomer	2.5	0.2
P27248	GcvT	Monomer	3.3	0.58
P00370	GdhA	Monomer	3.5	0.79
		Homohexamer	7.1	17.91
P75885	GfcA	Monomer	1.9	0.06
P75884	GfcB	Monomer	2.7	0.26
P75883	GfcC	Monomer	2.8	0.31
P75882	GfcD	Monomer	4.3	1.76
P0A932	GfcE	Monomer	3.3	0.62
P18956	Ggt	Monomer	3.9	1.17
P75913	GhrA	Monomer	3.1	0.47
P37666	GhrB	Monomer	3.1	0.47
		Homodimer	4.1	1.47
Q46839	GlcA	Monomer	3.8	1.08
P37330	GlcB	Monomer	4.3	1.82
P0ACL5	GlcC	Monomer	2.9	0.34
P0AEP9	GlcD	Monomer	3.7	0.93
P52073	GlcE	Monomer	3.2	0.54
P52074	GlcF	Monomer	3.4	0.7
P0AEQ1	GlcG	Monomer	2.2	0.11
P0A9S5	GldA	Monomer	3.2	0.55
		Homodimer	4.2	1.71
P37747	Glf	Monomer	3.4	0.65
P0A6U8	GlgA	Monomer	3.7	0.91
P07762	GlgB	Monomer	4.4	1.98
P0A6V1	GlgC	Monomer	3.5	0.79
		Homotetramer	6.1	8.54
P0AC86	GlgP	Monomer	4.6	2.34
P26649	GlgS	Monomer	1.7	0.05

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P15067	GlgX	Monomer	4.2	1.57
P0A6V8	Glk	Monomer	3.1	0.46
P31120	GlmM	Monomer	3.5	0.76
P17169	GlmS	Monomer	4	1.34
		Homodimer	5.3	4.38
P0ACC7	GlmU	Monomer	3.6	0.81
		Homotrimer	5.5	5.2
P0A9C5	GlnA	Monomer	3.6	0.88
P0A9Z1	GlnB	Monomer	2.1	0.09
		Homotrimer	3.2	0.51
P27249	GlnD	Monomer	4.7	2.75
P30870	GlnE	Monomer	4.8	3.04
P0AFB8	GlnG	Monomer	3.6	0.89
P0AEQ3	GlnH	Monomer	2.8	0.31
P0AC55	GlnK	Monomer	2.1	0.09
		Homotrimer	3.2	0.5
P0AFB5	GlnL	Monomer	3.2	0.54
P0AEQ6	GlnP	Monomer	2.7	0.26
P10346	GlnQ	Monomer	2.8	0.3
P00962	GlnS	Monomer	3.9	1.23
P0AC81	GloA	Monomer	2.2	0.12
		Homodimer	2.9	0.36
P0AC84	GloB	Monomer	2.9	0.33
P0A9C0	GlpA	Monomer	3.8	1.08
P13033	GlpB	Monomer	3.4	0.71
P0A996	GlpC	Monomer	3.4	0.67
P13035	GlpD	Monomer	3.8	1.02
P0A6V5	GlpE	Monomer	2.1	0.09
		Homodimer	2.7	0.26
P0AER0	GlpF	Monomer	2.9	0.36

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P09391	GlpG	Monomer	3	0.39
P0A6F3	GlpK	Monomer	3.7	1.0
		Homotetramer	6.5	11.09
		Heterodimer (Crr-GlpK)	4.2	1.6
P09394	GlpQ	Monomer	3.3	0.6
P0ACL0	GlpR	Monomer	2.9	0.33
P08194	GlpT	Monomer	3.6	0.84
P0A9C9	GlpX	Monomer	3.1	0.48
		Homodimer	4.1	1.5
P77454	GlsA1	Monomer	3	0.42
P0A6W0	GlsA2	Monomer	3.1	0.43
P0ABH7	GltA	Monomer	3.5	0.77
		Homohexamer	7.1	17.52
P09831	GltB	Monomer	5.7	6.23
		Heterooctamer (GltB-GltD)$_4$	10.9	148.63
P09832	GltD	Monomer	3.6	0.88
		Heterooctamer (GltB-GltD)$_4$	10.9	148.63
P28721	GltF	Monomer	2.8	0.3
P37902	GltI	Monomer	3.1	0.43
P0AER3	GltJ	Monomer	2.8	0.32
P0AER5	GltK	Monomer	2.7	0.27
P0AAG3	GltL	Monomer	2.8	0.3
P21345	GltP	Monomer	3.5	0.75
P0AER8	GltS	Monomer	3.4	0.63
P04805	GltX	Monomer	3.7	0.93
P27305	GluQ	Monomer	3.1	0.46
P69789	GlvB	Monomer	2.4	0.16
P31452	GlvC	Monomer	3.3	0.57
P31450	GlvG	Monomer	2.7	0.25
P77364	GlxK	Monomer	3.2	0.55

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P77161	GlxR	Monomer	3	0.38
P0A825	GlyA	Monomer	3.4	0.7
		Homotetramer	5.9	7.5
P00960	GlyQ	Monomer	3.1	0.46
P00961	GlyS	Monomer	4.2	1.69
P0AC88	Gmd	Monomer	3.3	0.62
		Homodimer	4.4	1.97
P63224	GmhA	Monomer	2.5	0.21
		Homotetramer	4.4	1.93
P63228	GmhB	Monomer	2.6	0.21
P60546	Gmk	Monomer	2.7	0.25
		Homodimer	3.5	0.75
P77334	Gmr	Monomer	4.2	1.61
P00350	Gnd	Monomer	3.6	0.87
		Homodimer	4.8	2.78
P0AC92	GnsA	Monomer	1.6	0.04
P77695	GnsB	Monomer	1.6	0.04
P46859	GntK	Monomer	2.5	0.19
P0AC94	GntP	Monomer	3.5	0.75
P0ACP5	GntR	Monomer	3.2	0.5
P39835	GntT	Monomer	3.5	0.72
P0AC96	GntU	Monomer	3.5	0.73
P46846	GntX	Monomer	2.8	0.29
P06715	Gor	Monomer	3.5	0.79
		Homodimer	4.7	2.53
P32662	Gph	Monomer	2.8	0.32
P62707	GpmA	Monomer	2.9	0.34
		Homodimer	3.8	1.03
P0A7A2	GpmB	Monomer	2.7	0.26
P37689	GpmI	Monomer	3.7	1.0

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P25552	GppA	Monomer	3.7	0.96
P0A6S7	GpsA	Monomer	3.2	0.49
P0A9M5	Gpt	Monomer	2.3	0.15
P68066	GrcA	Monomer	2.2	0.12
P0A6W5	GreA	Monomer	2.4	0.16
P30128	GreB	Monomer	2.4	0.17
P0A6F5	GroL	Monomer	3.8	1.04
P0A6F9	GroS	Monomer	1.9	0.07
P09372	GrpE	Monomer	2.6	0.22
		Homodimer	3.4	0.66
P68688	GrxA	Monomer	1.9	0.06
P0AC59	GrxB	Monomer	2.7	0.26
P0AC62	GrxC	Monomer	1.8	0.06
P0AC69	GrxD	Monomer	2.1	0.1
		Homodimer	2.8	0.29
P0A6W9	GshA	Monomer	3.8	1.06
P04425	GshB	Monomer	3.1	0.48
		Homotetramer	5.4	4.87
P75796	GsiA	Monomer	4.1	1.41
P75797	GsiB	Monomer	3.8	1.01
P75798	GsiC	Monomer	3.1	0.45
P75799	GsiD	Monomer	3	0.43
P0AEW6	Gsk	Monomer	3.5	0.79
P0AES0	Gsp	Monomer	4.1	1.46
P45756	GspA	Monomer	3.7	0.98
P45757	GspC	Monomer	2.9	0.36
P45758	GspD	Monomer	4.1	1.47
P45759	GspE	Monomer	3.7	0.96
P45760	GspI	Monomer	2.2	0.11
P45761	GspJ	Monomer	2.6	0.23

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P45762	GspK	Monomer	3.2	0.52
P45763	GspL	Monomer	3.4	0.69
P0A9D2	Gst	Monomer	2.6	0.24
		Homodimer	3.5	0.72
P04079	GuaA	Monomer	3.8	1.08
		Homodimer	5.0	3.48
P0ADG7	GuaB	Monomer	3.6	0.88
		Homotetramer	6.3	9.63
P60560	GuaC	Monomer	3.2	0.52
		Homotetramer	5.5	5.32
P76641	GuaD	Monomer	3.6	0.83
P0AES2	GudD	Monomer	3.6	0.8
Q46916	GudP	Monomer	3.6	0.8
Q46915	GudX	Monomer	3.5	0.8
P15081	GutM	Monomer	2.1	0.1
P17115	GutQ	Monomer	3.1	0.44
		Homotetramer	5.3	4.51
P0AES4	GyrA	Monomer	4.6	2.51
P0AES6	GyrB	Monomer	4.5	2.2
P0CI31	HcaB	Monomer	2.9	0.34
P0ABW0	HcaC	Monomer	2	0.08
P77650	HcaD	Monomer	3.4	0.67
P0ABR5	HcaE	Monomer	3.6	0.86
Q47140	HcaF	Monomer	2.5	0.2
Q47141	HcaR	Monomer	3	0.42
Q47142	HcaT	Monomer	3.3	0.61
P31658	HchA	Monomer	3	0.39
		Homodimer	3.9	1.19
P75825	Hcp	Monomer	3.8	1.12
P75824	Hcr	Monomer	3.1	0.48

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P69931	Hda	Monomer	2.8	0.3
P0AES9	HdeA	Monomer	2	0.09
P0AET2	HdeB	Monomer	2	0.09
P0AET5	HdeD	Monomer	2.5	0.21
P0A8R9	HdfR	Monomer	3	0.4
P0AET8	HdhA	Monomer	2.8	0.3
		Homotetramer	4.8	2.97
P15038	HelD	Monomer	4.3	1.73
P0A6X1	HemA	Monomer	3.5	0.73
		Homodimer	4.6	2.32
P0ACB2	HemB	Monomer	3.1	0.48
		Homoocatmer	7.1	17.17
P06983	HemC	Monomer	3.1	0.44
P09126	HemD	Monomer	2.8	0.32
P29680	HemE	Monomer	3.3	0.56
		Homodimer	4.3	1.75
P36553	HemF	Monomer	3.1	0.45
		Homodimer	4.1	1.4
P0ACB4	HemG	Monomer	2.6	0.21
P23871	HemH	Monomer	3.1	0.48
P0ACC1	HemK	Monomer	3	0.38
P23893	HemL	Monomer	3.4	0.71
		Homodimer	4.5	2.24
P32131	HemN	Monomer	3.7	0.9
P09127	HemX	Monomer	3.4	0.65
P0ACB7	HemY	Monomer	3.4	0.7
P46118	HexR	Monomer	3	0.4
P0ABC3	HflC	Monomer	3.2	0.52
P25746	HflD	Monomer	2.6	0.24
P0ABC7	HflK	Monomer	3.5	0.71

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P25519	HflX	Monomer	3.5	0.78
P0A6X3	Hfq	Monomer	2	0.08
		Homohexamer	4.0	1.34
P0ACE3	Hha	Monomer	1.8	0.05
P76106	HicA	Monomer	1.6	0.04
P67697	HicB	Monomer	2.2	0.13
P67701	HigA	Monomer	2.2	0.12
P64578	HigB	Monomer	2.1	0.09
P0ACE7	HinT	Monomer	2.1	0.1
P23874	HipA	Monomer	3.6	0.81
		Heterotetramer ($HipA_2$-$HipB_2$)	5.0	3.55
P23873	HipB	Monomer	1.9	0.07
		Homodimer	2.5	0.19
		Heterotetramer ($HipA_2$-$HipB_2$)	5.0	3.55
P10371	HisA	Monomer	2.8	0.29
P06987	HisB	Monomer	3.3	0.58
P06986	HisC	Monomer	3.3	0.56
		Homodimer	4.3	1.76
P06988	HisD	Monomer	3.5	0.72
		Homodimer	4.6	2.3
P60664	HisF	Monomer	2.9	0.33
		Heterodimer (HisH-HisF)	3.6	0.83
P60757	HisG	Monomer	3.1	0.43
P60595	HisH	Monomer	2.6	0.22
		Heterodimer (HisH-HisF)	3.6	0.83
P06989	HisI	Monomer	2.6	0.24
P0AEU0	HisJ	Monomer	2.9	0.34
P60995	HisL	Monomer	1	0.01
P0AEU3	HisM	Monomer	2.8	0.31
P07109	HisP	Monomer	2.9	0.34

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P52094	HisQ	Monomer	2.7	0.27
P60906	HisS	Monomer	3.5	0.75
		Homodimer	4.6	2.38
P76341	HiuH	Monomer	2.3	0.13
P67910	HldD	Monomer	3.1	0.46
		Homopentamer	5.8	7.01
P76658	HldE	Monomer	3.6	0.86
		Homodimer	4.7	2.74
P77335	HlyE	Monomer	3.1	0.44
P24232	Hmp	Monomer	3.4	0.67
P0AEV1	Hnr	Monomer	3.2	0.51
P0ACF8	Hns	Monomer	2.3	0.13
		Homodimer	3.0	0.38
P36645	HofB	Monomer	3.6	0.84
P36646	HofC	Monomer	3.4	0.68
P25960	HofD	Monomer	2.7	0.27
P41441	HofF	Monomer	3.4	0.68
P41442	HofG	Monomer	2.3	0.14
P41443	HofH	Monomer	2.4	0.17
P45753	HofM	Monomer	2.9	0.34
P64634	HofN	Monomer	2.5	0.21
P45751	HofO	Monomer	2.3	0.15
P45750	HofP	Monomer	2.2	0.13
P34749	HofQ	Monomer	3.4	0.69
P37305	HokA	Monomer	1.6	0.03
P77494	HokB	Monomer	1.5	0.03
P0ACG4	HokC	Monomer	1.5	0.03
P0ACG6	HokD	Monomer	1.5	0.03
P77091	HokE	Monomer	1.5	0.03
P28630	HolA	Monomer	3.2	0.55

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P28631	HolB	Monomer	3.2	0.51
P28905	HolC	Monomer	2.3	0.15
P28632	HolD	Monomer	2.2	0.13
P0ABS8	HolE	Monomer	1.8	0.06
P0A9M2	Hpt	Monomer	2.5	0.19
		Homotetramer	4.3	1.82
P43329	HrpA	Monomer	5.5	5.29
P37024	HrpB	Monomer	4.5	2.17
P54745	HrsA	Monomer	4.1	1.43
P0A6Z1	HscA	Monomer	4	1.3
P0A6L9	HscB	Monomer	2.5	0.2
P77319	HscC	Monomer	3.9	1.18
P08957	HsdM	Monomer	3.8	1.1
P08956	HsdR	Monomer	5.3	4.39
P05719	HsdS	Monomer	3.6	0.87
P52644	HslJ	Monomer	2.2	0.13
P0A6Y5	HslO	Monomer	3	0.41
P0ACG8	HslR	Monomer	2.3	0.13
P0A6H5	HslU	Monomer	3.6	0.82
		Homohexamer	7.2	18.61
P0A7B8	HslV	Monomer	2.5	0.18
		Homohexamer	5.0	3.34
P0AB20	HspQ	Monomer	2	0.09
P31474	HsrA	Monomer	3.6	0.87
P28697	HtgA	Monomer	2.6	0.21
P0A6Z3	HtpG	Monomer	4.1	1.49
		Homodimer	5.4	4.91
P23894	HtpX	Monomer	3	0.4
P0ACV0	HtrB	Monomer	3.1	0.47
P27375	HtrC	Monomer	2.6	0.21

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33129	HtrE	Monomer	4.6	2.44
P25666	HtrL	Monomer	3.1	0.43
P0ACF0	HupA	Monomer	1.9	0.06
		Heterodimer (HupA-HupB)	2.4	0.18
P0ACF4	HupB	Monomer	1.8	0.06
		Heterodimer (HupA-HupB)	2.4	0.18
P69739	HyaA	Monomer	3.3	0.59
P0ACD8	HyaB	Monomer	4	1.32
P0AAM1	HyaC	Monomer	2.8	0.32
P19930	HyaD	Monomer	2.6	0.22
P19931	HyaE	Monomer	2.2	0.12
P19932	HyaF	Monomer	3	0.39
P0AAJ8	HybA	Monomer	3.1	0.49
P37180	HybB	Monomer	3.4	0.66
P0ACE0	HybC	Monomer	3.9	1.19
P37182	HybD	Monomer	2.4	0.16
P0AAN1	HybE	Monomer	2.4	0.16
P0A703	HybF	Monomer	2.1	0.1
P0AAM7	HybG	Monomer	1.8	0.06
P69741	HybO	Monomer	3.3	0.57
P0AEV4	HycA	Monomer	2.4	0.16
P0AAK1	HycB	Monomer	2.6	0.22
P16429	HycC	Monomer	3.9	1.25
P16430	HycD	Monomer	3	0.42
P16431	HycE	Monomer	4	1.27
P16432	HycF	Monomer	2.5	0.2
P16433	HycG	Monomer	2.9	0.33
P0AEV7	HycH	Monomer	2.3	0.13
P0AEV9	HycI	Monomer	2.3	0.15
P0AAK4	HydN	Monomer	2.5	0.18

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P23481	HyfA	Monomer	2.6	0.23
P23482	HyfB	Monomer	4.1	1.53
P77858	HyfC	Monomer	3.1	0.45
P77416	HyfD	Monomer	3.6	0.88
P0AEW1	HyfE	Monomer	2.7	0.25
P77437	HyfF	Monomer	3.8	1.02
P77329	HyfG	Monomer	3.9	1.22
P77423	HyfH	Monomer	2.5	0.2
P77668	HyfI	Monomer	2.9	0.33
P77453	HyfJ	Monomer	2.3	0.13
P71229	HyfR	Monomer	4.2	1.63
P30147	Hyi	Monomer	2.9	0.35
		Homodimer	3.8	1.08
P0A700	HypA	Monomer	2.1	0.1
P0AAN3	HypB	Monomer	3	0.39
P0AAM3	HypC	Monomer	1.9	0.06
P24192	HypD	Monomer	3.3	0.61
P24193	HypE	Monomer	3.1	0.47
P30131	HypF	Monomer	4.3	1.89
Q46806	HyuA	Monomer	3.6	0.86
		Homotetramer	6.2	9.3
P37595	IaaA	Monomer	3.1	0.43
P39377	IadA	Monomer	3.3	0.6
P10423	Iap	Monomer	3.2	0.53
P0C054	IbpA	Monomer	2.3	0.13
P0C058	IbpB	Monomer	2.3	0.14
		Homodimer	3.0	0.41
		Homooligomer	16.4	1333.66
C1P607	IbsA	Monomer	1.1	0.01
C1P608	IbsB	Monomer	1	0.01

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
C1P615	IbsC	Monomer	1.1	0.01
C1P616	IbsD	Monomer	1	0.01
C1P617	IbsE	Monomer	1.1	0.01
P0AEW4	Icc	Monomer	3	0.38
P08200	Icd	Monomer	3.5	0.72
		Homodimer	4.5	2.27
P0A8S1	IciA	Monomer	3.1	0.43
		Homodimer	4.0	1.34
P16528	IclR	Monomer	2.9	0.36
		Homodimer	3.8	1.1
Q46822	Idi	Monomer	2.5	0.2
		Homodimer	3.3	0.6
P39346	IdnD	Monomer	3.2	0.51
P39208	IdnK	Monomer	2.5	0.21
P0A9P9	IdnO	Monomer	2.8	0.32
P39343	IdnR	Monomer	3.2	0.52
P39344	IdnT	Monomer	3.5	0.72
P0A6X7	IhfA	Monomer	2	0.08
		Heterodimer (IhfA-IhfB)	2.6	0.22
P0A6Y1	IhfB	Monomer	2	0.07
		Heterodimer (HupA-IhfB)	2.6	0.22
P00956	IleS	Monomer	4.8	2.84
P04968	IlvA	Monomer	3.7	1.0
		Homotetramer	6.5	11.08
P08142	IlvB	Monomer	3.9	1.13
P05793	IlvC	Monomer	3.7	0.94
P05791	IlvD	Monomer	4	1.29
		Homodimer	5.2	4.22
P0AB80	IlvE	Monomer	3.1	0.45
		Homohexamer	6.2	9.33

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P00892	IlvG	Monomer	3.8	1.09
P00894	IlvH	Monomer	2.4	0.16
P00893	IlvI	Monomer	3.9	1.21
P62522	IlvL	Monomer	1.2	0.01
P0ADG1	IlvM	Monomer	1.9	0.06
P0ADF8	IlvN	Monomer	2	0.08
C1P619	IlvX	Monomer	1	0.01
P05827	IlvY	Monomer	3	0.43
P27294	InaA	Monomer	2.7	0.28
P69222	InfA	Monomer	1.8	0.05
P0A705	InfB	Monomer	4.6	2.52
P0A707	InfC	Monomer	2.5	0.2
P0CF07	InsA1	Monomer	1.9	0.07
P0CF08	InsA2	Monomer	1.9	0.07
P0CF09	InsA3	Monomer	1.9	0.07
P0CF10	InsA4	Monomer	1.9	0.07
P0CF11	InsA5	Monomer	1.9	0.07
P0CF12	InsA6	Monomer	1.9	0.07
P19767	InsA7	Monomer	1.9	0.07
P0CF25	InsB1	Monomer	2.5	0.19
P0CF26	InsB2	Monomer	2.5	0.19
P0CF27	InsB3	Monomer	2.5	0.19
P57998	InsB4	Monomer	2.5	0.19
P0CF28	InsB5	Monomer	2.5	0.19
P0CF29	InsB6	Monomer	2.5	0.19
P0CF40	InsC1	Monomer	2.1	0.11
P0CF41	InsC2	Monomer	2.1	0.11
P0CF42	InsC3	Monomer	2.1	0.11
P0CF43	InsC4	Monomer	2.1	0.11
P0CF44	InsC5	Monomer	2.1	0.11

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0CF45	InsC6	Monomer	2.1	0.11
P0CF53	InsD1	Monomer	3.1	0.45
P0CF54	InsD2	Monomer	3.1	0.45
P0CF55	InsD3	Monomer	3.1	0.45
P0CF56	InsD4	Monomer	3.1	0.45
P0CF57	InsD5	Monomer	3.1	0.45
P0CF58	InsD6	Monomer	3.1	0.45
P0CF60	InsD8	Monomer	2.7	0.27
P0CF66	InsE1	Monomer	2	0.08
P0CF67	InsE2	Monomer	2	0.08
P0CF68	InsE3	Monomer	2	0.08
P0CF69	InsE4	Monomer	2	0.08
P0CF70	InsE5	Monomer	2	0.08
P0CF79	InsF1	Monomer	3.1	0.43
P0CF80	InsF2	Monomer	3.1	0.43
P0CF81	InsF3	Monomer	3.1	0.43
P0CF82	InsF4	Monomer	3.1	0.43
P0CF83	InsF5	Monomer	3.1	0.43
P03835	InsG	Monomer	3.6	0.84
P0CE49	InsH1	Monomer	3.3	0.56
P0CE57	InsH10	Monomer	3.3	0.56
P0CE58	InsH11	Monomer	3.3	0.56
P0CE50	InsH2	Monomer	3.3	0.56
P0CE51	InsH3	Monomer	3.3	0.56
P0CE52	InsH4	Monomer	3.3	0.56
P76071	InsH5	Monomer	3.2	0.53
P0CE53	InsH6	Monomer	3.3	0.56
P0CE54	InsH7	Monomer	3.3	0.56
P0CE55	InsH8	Monomer	3.3	0.56
P0CE56	InsH9	Monomer	3.3	0.56

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0CF88	InsI1	Monomer	3.4	0.68
P0CF89	InsI3	Monomer	3.4	0.68
P0CF90	InsI4	Monomer	3.4	0.68
P19768	InsJ	Monomer	2.5	0.19
P19769	InsK	Monomer	3.1	0.43
P0CF91	InsL1	Monomer	3.3	0.6
P0CF92	InsL2	Monomer	3.3	0.6
P0CF93	InsL3	Monomer	3.3	0.6
P75679	InsN1	Monomer	2.2	0.13
P39212	InsN2	Monomer	2	0.08
P75680	InsO1	Monomer	2.3	0.14
Q47718	InsO2	Monomer	2.6	0.23
P76102	InsQ	Monomer	3.4	0.66
P32053	IntA	Monomer	3.5	0.74
P39347	IntB	Monomer	3.5	0.71
P24218	IntD	Monomer	3.4	0.7
P75969	IntE	Monomer	3.4	0.64
P71298	IntF	Monomer	3.7	0.91
P76323	IntG	Monomer	2	0.08
P76168	IntQ	Monomer	3.4	0.66
P76056	IntR	Monomer	3.5	0.76
P37326	IntS	Monomer	3.4	0.67
P76542	IntZ	Monomer	3.4	0.71
P39375	IraD	Monomer	2.2	0.12
P75987	IraM	Monomer	2.1	0.09
P0AAN9	IraP	Monomer	1.9	0.07
P0AAC8	IscA	Monomer	2	0.08
		Homodimer	2.6	0.24
P0AGK8	IscR	Monomer	2.4	0.16
P0A6B7	IscS	Monomer	3.4	0.7

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	4.5	2.21
P0C0L9	IscX	Monomer	1.7	0.05
P22939	IspA	Monomer	3	0.41
P0AD57	IspB	Monomer	3.1	0.47
Q46893	IspD	Monomer	2.8	0.29
		Homodimer	3.6	0.87
P62615	IspE	Monomer	3	0.38
		Homodimer	3.9	1.17
P62617	IspF	Monomer	2.3	0.15
		Homotrimer	3.6	0.85
P62620	IspG	Monomer	3.3	0.59
P62623	IspH	Monomer	3.1	0.46
		Homodimer	4.1	1.43
P0A710	IspZ	Monomer	2.5	0.21
P03061	IvbL	Monomer	1.2	0.01
P0AD59	Ivy	Monomer	2.3	0.15
P21179	KatE	Monomer	4.4	1.97
		Homotetramer	7.6	23.47
P13029	KatG	Monomer	4.3	1.81
		Homotetramer	7.4	21.34
P0AB74	KbaY	Monomer	3	0.39
		Homotetramer	5.1	3.9
P0C8K0	KbaZ	Monomer	3.5	0.75
P0AB77	Kbl	Monomer	3.4	0.65
		Homodimer	4.4	2.05
P31069	Kch	Monomer	3.5	0.72
P37647	KdgK	Monomer	3.1	0.44
P76268	KdgR	Monomer	2.9	0.36
P0A712	KdgT	Monomer	3.1	0.44
P03959	KdpA	Monomer	3.8	1.09

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P03960	KdpB	Monomer	4.1	1.52
P03961	KdpC	Monomer	2.5	0.2
P21865	KdpD	Monomer	4.7	2.58
P21866	KdpE	Monomer	2.7	0.28
P36937	KdpF	Monomer	1.2	0.01
P0A715	KdsA	Monomer	3	0.38
		Homotrimer	4.6	2.31
P04951	KdsB	Monomer	2.8	0.32
P0ABZ4	KdsC	Monomer	2.5	0.19
		Homotetramer	4.3	1.81
P45395	KdsD	Monomer	3.1	0.47
		Homotetramer	5.4	4.79
P37769	KduD	Monomer	2.8	0.31
Q46938	KduI	Monomer	3	0.38
		Homohexamer	6.0	7.9
P77338	KefA	Monomer	5.2	4.01
P45522	KefB	Monomer	4	1.32
P03819	KefC	Monomer	4	1.37
P0A754	KefF	Monomer	2.5	0.2
P0A756	KefG	Monomer	2.5	0.21
P0AEX3	KgtP	Monomer	3.5	0.75
P38393	Kil	Monomer	1.8	0.05
P39380	KptA	Monomer	2.5	0.2
P63183	Kup	Monomer	4.1	1.42
P07464	LacA	Monomer	2.6	0.24
		Homodimer	3.5	0.71
P03023	LacI	Monomer	3.2	0.54
		Homotetramer	5.6	5.63
P02920	LacY	Monomer	3.5	0.74
P00722	LacZ	Monomer	5	3.44

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homotetramer	8.6	43.73
P02943	LamB	Monomer	3.6	0.82
P33229	Lar	Monomer	1.7	0.04
P37005	LasT	Monomer	2.7	0.28
P76008	LdcA	Monomer	3.1	0.43
P52095	LdcC	Monomer	4.3	1.83
		Homodecamer	10.6	129.82
P52643	LdhA	Monomer	3.2	0.5
Q6BF86	LdrA; ldrC	Monomer	1.3	0.02
Q6BF87	LdrB	Monomer	1.3	0.02
Q6BF25	LdrD	Monomer	1.3	0.02
P60785	LepA	Monomer	4	1.33
P00803	LepB	Monomer	3.1	0.49
P09151	LeuA	Monomer	3.8	1.03
		Homotetramer	6.5	11.48
P30125	LeuB	Monomer	3.3	0.56
		Homodimer	4.3	1.77
P0A6A6	LeuC	Monomer	3.6	0.82
		Heterodimer (LeuC-LeuD)	4.1	1.53
P30126	LeuD	Monomer	2.6	0.23
		Heterodimer (LeuC-LeuD)	4.1	1.53
P76249	LeuE	Monomer	2.6	0.24
P0AD79	LeuL	Monomer	1.2	0.01
P10151	LeuO	Monomer	3.1	0.48
P07813	LeuS	Monomer	4.6	2.52
P0A7C2	LexA	Monomer	2.6	0.23
		Homodimer	3.4	0.69
P60955	Lgt	Monomer	3	0.43
P37339	LhgO	Monomer	3.5	0.72
P30015	Lhr	Monomer	5.8	6.65

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P15042	LigA	Monomer	4.2	1.57
P25772	LigB	Monomer	3.9	1.22
P37025	LigT	Monomer	2.5	0.19
P60716	LipA	Monomer	3.1	0.49
		Homodimer	4.1	1.52
P60720	LipB	Monomer	2.7	0.25
		Homotrimer	4.1	1.5
P11072	Lit	Monomer	3.1	0.44
P22731	LivF	Monomer	2.8	0.3
P0A9S7	LivG	Monomer	2.9	0.33
P0AEX7	LivH	Monomer	3	0.42
P0AD96	LivJ	Monomer	3.2	0.55
P04816	LivK	Monomer	3.3	0.56
P22729	LivM	Monomer	3.5	0.73
P33232	LldD	Monomer	3.4	0.64
P33231	LldP	Monomer	3.8	1.09
P0ACL7	LldR	Monomer	2.9	0.35
P23930	Lnt	Monomer	3.8	1.03
P61316	LolA	Monomer	2.6	0.23
P61320	LolB	Monomer	2.7	0.25
P0ADC3	LolC	Monomer	3.4	0.65
P75957	LolD	Monomer	2.7	0.28
P75958	LolE	Monomer	3.4	0.71
P77184	LomR	Monomer	2.4	0.16
P0A9M0	Lon	Monomer	4.5	2.1
		Homohexamer	9.0	55.11
P0A9P0	LpdA	Monomer	3.6	0.85
		Homodimer	4.7	2.7
P32099	LplA	Monomer	3.2	0.53
P39196	LplT	Monomer	3.3	0.61

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P45464	LpoA	Monomer	4.1	1.54
P0AB38	LpoB	Monomer	2.6	0.23
P69776	Lpp	Monomer	1.8	0.05
P0ADV1	LptA	Monomer	2.5	0.2
P0A9V1	LptB	Monomer	2.8	0.3
P0ADV9	LptC	Monomer	2.6	0.22
P31554	LptD	Monomer	4.5	2.19
P0ADC1	LptE	Monomer	2.6	0.21
P0AF98	LptF	Monomer	3.3	0.58
P0ADC6	LptG	Monomer	3.3	0.57
P0A722	LpxA	Monomer	2.9	0.33
		Homotrimer	4.4	1.97
P10441	LpxB	Monomer	3.4	0.63
P0A725	LpxC	Monomer	3.1	0.44
P21645	LpxD	Monomer	3.1	0.49
P43341	LpxH	Monomer	2.8	0.31
P27300	LpxK	Monomer	3.1	0.48
P0ACV2	LpxP	Monomer	3.1	0.48
P36771	LrhA	Monomer	3.1	0.46
P0ACJ0	Lrp	Monomer	2.4	0.18
		Homodimer	3.2	0.53
P00804	LspA	Monomer	2.4	0.17
P77257	LsrA	Monomer	3.7	0.99
P76142	LsrB	Monomer	3.2	0.5
P77672	LsrC	Monomer	3.2	0.49
P0AFS1	LsrD	Monomer	3.1	0.45
P76143	LsrF	Monomer	3	0.4
P64461	LsrG	Monomer	2	0.08
P77432	LsrK	Monomer	3.8	1.04
P76141	LsrR	Monomer	3.1	0.44

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P75823	LtaE	Monomer	3.2	0.5
		Homotetramer	5.4	5.1
P45578	LuxS	Monomer	2.5	0.18
		Homodimer	3.2	0.55
P00861	LysA	Monomer	3.5	0.73
P08660	LysC	Monomer	3.5	0.79
		Homodimer	4.6	2.51
P25737	LysP	Monomer	3.7	0.93
P03030	LysR	Monomer	3.1	0.45
P0A8N3	LysS	Monomer	3.8	1.04
		Homodimer	5.0	3.37
P0A8N5	LysU	Monomer	3.8	1.05
		Homodimer	5.0	3.39
P37677	Lyx	Monomer	3.7	0.97
		Homodimer	4.9	3.13
P77791	Maa	Monomer	2.5	0.19
		Homodimer	3.3	0.58
P75830	MacA	Monomer	3.3	0.59
P75831	MacB	Monomer	4.1	1.47
P26616	MaeA	Monomer	3.9	1.22
		Homotetramer	6.8	13.75
P76558	MaeB	Monomer	4.4	1.9
P23917	Mak	Monomer	3	0.41
P0AEX9	MalE	Monomer	3.4	0.66
P02916	MalF	Monomer	3.8	1.03
P68183	MalG	Monomer	3	0.41
P18811	MalI	Monomer	3.2	0.5
P68187	MalK	Monomer	3.3	0.6
P03841	MalM	Monomer	3	0.4
P00490	MalP	Monomer	4.5	2.23

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	5.9	7.49
P15977	MalQ	Monomer	4.3	1.75
P25718	MalS	Monomer	4.2	1.65
P06993	MalT	Monomer	4.8	2.78
P19642	MalX	Monomer	3.8	1.01
P23256	MalY	Monomer	3.4	0.66
		Homodimer	4.5	2.09
P21517	MalZ	Monomer	4.1	1.41
P00946	ManA	Monomer	3.4	0.64
P24175	ManB	Monomer	3.6	0.84
P24174	ManC	Monomer	3.7	0.91
P69797	ManX	Monomer	3.1	0.47
P69801	ManY	Monomer	2.8	0.32
P69805	ManZ	Monomer	3	0.39
P77455	MaoC	Monomer	4.2	1.55
P0AE18	Map	Monomer	2.9	0.35
P0ACH5	MarA	Monomer	2.2	0.13
P31121	MarB	Monomer	1.7	0.04
P0AEY1	MarC	Monomer	2.7	0.25
P27245	MarR	Monomer	2.3	0.14
P71301	MatA	Monomer	2.7	0.24
P0AAA3	MatB	Monomer	2.5	0.19
P77188	MatC	Monomer	2.7	0.26
P0AE72	MazE	Monomer	1.9	0.06
		Heterohexamer ($MazF_2$-$MazE_2$-$MazF_2$)	4.0	1.34
P0AE70	MazF	Monomer	2.1	0.09
		Homodimer	2.7	0.26
		Heterohexamer ($MazF_2$-$MazE_2$-$MazF_2$)	4.0	1.34
P0AEY3	MazG	Monomer	2.9	0.37
		Homodimer	3.9	1.14

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
Q47154	MbhA	Monomer	2.7	0.25
P0AAX6	McbA	Monomer	1.8	0.06
P76114	McbR	Monomer	2.7	0.28
P24200	McrA	Monomer	3	0.39
P15005	McrB	Monomer	3.7	0.91
P15006	McrC	Monomer	3.3	0.59
P0AEY5	MdaB	Monomer	2.6	0.22
P0AEY8	MdfA	Monomer	3.4	0.68
P61889	Mdh	Monomer	3	0.41
		Homodimer	4.0	1.26
P77265	MdlA	Monomer	4	1.31
P0AAG5	MdlB	Monomer	4	1.28
P39401	MdoB	Monomer	4.4	2.02
P75920	MdoC	Monomer	3.4	0.69
P40120	MdoD	Monomer	3.9	1.2
P33136	MdoG	Monomer	3.8	1.05
P62517	MdoH	Monomer	4.6	2.5
P76397	MdtA	Monomer	3.4	0.68
P76398	MdtB	Monomer	4.9	3.21
P76399	MdtC	Monomer	4.9	3.16
P36554	MdtD	Monomer	3.6	0.85
P37636	MdtE	Monomer	3.3	0.6
P37637	MdtF	Monomer	4.9	3.19
P25744	MdtG	Monomer	3.4	0.67
P69367	MdtH	Monomer	3.4	0.68
P69210	MdtI	Monomer	2	0.09
P69212	MdtJ	Monomer	2.1	0.1
P37340	MdtK	Monomer	3.6	0.81
P31462	MdtL	Monomer	3.3	0.61
P39386	MdtM	Monomer	3.4	0.69

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P32716	MdtN	Monomer	3.2	0.51
P32715	MdtO	Monomer	4.2	1.66
P32714	MdtP	Monomer	3.7	0.92
P33369	MdtQ	Monomer	3.6	0.89
P06720	MelA	Monomer	3.6	0.85
		Homodimer	4.7	2.7
P02921	MelB	Monomer	3.6	0.89
P0ACH8	MelR	Monomer	3.1	0.46
P32166	MenA	Monomer	3.1	0.44
P0ABU0	MenB	Monomer	3	0.4
		Homohexamer	6.0	8.15
P29208	MenC	Monomer	3.1	0.48
P17109	MenD	Monomer	3.9	1.16
		Homodimer	5.1	3.76
P37353	MenE	Monomer	3.6	0.83
P38051	MenF	Monomer	3.5	0.79
P37355	MenH	Monomer	2.8	0.32
P0C0T5	MepA	Monomer	2.9	0.37
P07623	MetA	Monomer	3.1	0.48
		Homodimer	4.1	1.49
P00935	MetB	Monomer	3.3	0.61
		Homotetramer	5.7	6.42
P06721	MetC	Monomer	3.4	0.65
		Homotetramer	5.8	6.89
P25665	MetE	Monomer	4.4	1.99
P0AEZ1	MetF	Monomer	3	0.43
		Homotetramer	5.2	4.3
P00959	MetG	Monomer	4.2	1.67
		Homodimer	5.5	5.51
P13009	MetH	Monomer	5.3	4.5

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P31547	MetI	Monomer	2.7	0.24
P0A8U6	MetJ	Monomer	2.1	0.09
		Homodimer	2.7	0.26
P0A817	MetK	Monomer	3.3	0.62
		Homotetramer	5.8	6.54
P00562	MetL	Monomer	4.5	2.16
		Homotetramer	7.7	26.03
P30750	MetN	Monomer	3.2	0.53
P28635	MetQ	Monomer	2.9	0.35
P0A9F9	MetR	Monomer	3.1	0.48
P30958	Mfd	Monomer	5.2	4.16
P0AAG8	MglA	Monomer	3.8	1.01
P0AEE5	MglB	Monomer	3.1	0.48
P23200	MglC	Monomer	3.1	0.48
P64512	MgrB	Monomer	1.5	0.03
P0A731	MgsA	Monomer	2.3	0.15
		Homohexamer	4.7	2.71
P0ABB8	MgtA	Monomer	4.7	2.62
E2JKY7	MgtL	Monomer	1	0.01
P77397	MhpA	Monomer	3.9	1.18
P0ABR9	MhpB	Monomer	3.1	0.45
		Homotetramer	5.3	4.55
P77044	MhpC	Monomer	3	0.41
		Homodimer	4.0	1.28
P77608	MhpD	Monomer	2.9	0.34
P51020	MhpE	Monomer	3.2	0.5
P77580	MhpF	Monomer	3.1	0.43
P77569	MhpR	Monomer	3	0.39
P77589	MhpT	Monomer	3.3	0.61
P16384	MiaA	Monomer	3.1	0.47

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AEI1	MiaB	Monomer	3.7	0.93
P18196	MinC	Monomer	2.7	0.27
		Homodimer	3.6	0.82
P0AEZ3	MinD	Monomer	2.9	0.36
P0A734	MinE	Monomer	1.9	0.07
P03817	MioC	Monomer	2.3	0.13
		Homodimer	3.0	0.4
P0A908	MipA	Monomer	2.8	0.32
P76506	MlaA	Monomer	2.9	0.33
P64602	MlaB	Monomer	2	0.07
P0ADV7	MlaC	Monomer	2.7	0.26
P64604	MlaD	Monomer	2.5	0.19
P64606	MlaE	Monomer	2.8	0.32
P63386	MlaF	Monomer	2.9	0.35
P50456	Mlc	Monomer	3.4	0.68
		Homodimer	4.5	2.15
P28224	MliC	Monomer	2.1	0.1
P33358	MlrA	Monomer	2.9	0.33
P0A935	MltA	Monomer	3.3	0.59
P41052	MltB	Monomer	3.3	0.58
P0C066	MltC	Monomer	3.3	0.58
P0AEZ7	MltD	Monomer	3.6	0.81
P0AGC5	MltF	Monomer	3.8	1.06
P52045	MmcD	Monomer	2.9	0.35
		Homotrimer	4.5	2.1
Q47690	MmuM	Monomer	3.1	0.43
Q47689	MmuP	Monomer	3.6	0.84
P54746	MngB	Monomer	4.7	2.64
P13669	MngR	Monomer	2.9	0.33
P25745	MnmA	Monomer	3.3	0.6

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P77182	MnmC	Monomer	4.2	1.6
P25522	MnmE	Monomer	3.6	0.81
		Homodimer	4.7	2.57
		Heterotetramer ($MnmE_2$-$MnmG_2$)	6.6	12.26
P0A6U3	MnmG	Monomer	4.1	1.43
		Homodimer	5.3	4.68
		Heterotetramer ($MnmE_2$-$MnmG_2$)	6.6	12.26
P0A769	MntH	Monomer	3.4	0.68
P0A9F1	MntR	Monomer	2.4	0.16
		Homodimer	3.1	0.47
P30745	MoaA	Monomer	3.2	0.52
		Homodimer	4.2	1.61
P0AEZ9	MoaB	Monomer	2.4	0.17
		Homohexamer	4.9	3.21
P0A738	MoaC	Monomer	2.4	0.16
		Homohexamer	4.8	2.86
P30748	MoaD	Monomer	1.8	0.06
		Heterotetramer ($MoaD_2$-$MoaE_2$)	3.6	0.87
P30749	MoaE	Monomer	2.3	0.15
		Heterotetramer ($MoaD_2$-$MoaE_2$)	3.6	0.87
P32173	MobA	Monomer	2.6	0.22
P32125	MobB	Monomer	2.5	0.18
		Homodimer	3.2	0.55
P37329	ModA	Monomer	2.8	0.31
P0AF01	ModB	Monomer	2.7	0.27
P09833	ModC	Monomer	3.3	0.56
P0A9G8	ModE	Monomer	2.9	0.33
		Homodimer	3.8	1.01
P31060	ModF	Monomer	3.7	0.95
P12281	MoeA	Monomer	3.4	0.67

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	4.5	2.13
P12282	MoeB	Monomer	2.8	0.3
		Homodimer	3.7	0.92
P0AF03	Mog	Monomer	2.6	0.21
		Homotrimer	3.9	1.23
P76096	MokB	Monomer	1.5	0.03
P33236	MokC	Monomer	1.7	0.05
P09348	MotA	Monomer	3	0.4
P0AF06	MotB	Monomer	3.1	0.45
P0ACV6	MpaA	Monomer	2.8	0.3
P37773	Mpl	Monomer	3.6	0.82
P77348	MppA	Monomer	3.8	1.11
P0ACR9	MprA	Monomer	2.5	0.2
P33940	Mqo	Monomer	3.9	1.12
Q46864	MqsA	Monomer	2.2	0.12
		Homodimer	2.9	0.35
		Heterotetramer (MqsR-MqsA$_2$-MqsR)	3.6	0.88
Q46865	MqsR	Monomer	2	0.08
		Homodimer	2.6	0.23
		Heterotetramer (MqsR-MqsA$_2$-MqsR)	3.6	0.88
P0A6W3	MraY	Monomer	3.3	0.57
P22186	MraZ	Monomer	2.4	0.16
		Homoocatmer	5.3	4.69
P02918	MrcA	Monomer	4.6	2.36
P02919	MrcB	Monomer	4.6	2.39
P0AD65	MrdA	Monomer	4.1	1.47
P0ABG7	MrdB	Monomer	3.3	0.59
P0A9X4	MreB	Monomer	3.2	0.51
P16926	MreC	Monomer	3.3	0.57
P0ABH4	MreD	Monomer	2.4	0.18

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AF08	Mrp	Monomer	3.3	0.57
P24202	Mrr	Monomer	3.1	0.43
P60752	MsbA	Monomer	4	1.26
P24205	MsbB	Monomer	3.2	0.52
P0A742	MscL	Monomer	2.2	0.12
P0AAT4	MscM	Monomer	3.5	0.74
P0C0S1	MscS	Monomer	3	0.38
P0A744	MsrA	Monomer	2.7	0.25
P0A746	MsrB	Monomer	2.3	0.13
P25738	MsyB	Monomer	2.2	0.12
P76346	MtfA	Monomer	2.9	0.37
P46022	MtgA	Monomer	2.8	0.31
P00550	MtlA	Monomer	4	1.37
P09424	MtlD	Monomer	3.3	0.6
P0AF10	MtlR	Monomer	2.6	0.22
P0AF12	MtnN	Monomer	2.7	0.26
		Homodimer	3.5	0.79
P0AAD2	Mtr	Monomer	3.4	0.68
P0A9H1	Mug	Monomer	2.4	0.17
P22523	MukB	Monomer	5.8	6.71
		Homodimer	7.6	23.97
P22524	MukE	Monomer	2.8	0.31
P60293	MukF	Monomer	3.6	0.84
P0A749	MurA	Monomer	3.4	0.69
P08373	MurB	Monomer	3.2	0.53
P17952	MurC	Monomer	3.7	0.93
P14900	MurD	Monomer	3.5	0.75
P22188	MurE	Monomer	3.7	0.92
P11880	MurF	Monomer	3.5	0.76
P17443	MurG	Monomer	3.2	0.53

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P22634	MurI	Monomer	3	0.38
P77272	MurP	Monomer	3.6	0.82
P76535	MurQ	Monomer	3	0.39
		Homodimer	3.9	1.19
P77245	MurR	Monomer	3	0.39
		Homotetramer	5.1	3.87
P06722	MutH	Monomer	2.8	0.28
P23367	MutL	Monomer	4	1.37
P05523	MutM	Monomer	2.9	0.37
P23909	MutS	Monomer	4.6	2.43
P08337	MutT	Monomer	2.2	0.12
P17802	MutY	Monomer	3.3	0.56
P75931	MviM	Monomer	3.1	0.44
P0AF16	MviN	Monomer	3.7	0.98
Q47005	Nac	Monomer	3	0.42
P11458	NadA	Monomer	3.2	0.54
		Homodimer	4.2	1.67
P10902	NadB	Monomer	3.9	1.13
P30011	NadC	Monomer	3	0.42
		Homodimer	4.0	1.29
P0A752	NadD	Monomer	2.7	0.27
P18843	NadE	Monomer	3	0.38
		Homodimer	3.9	1.16
P27278	NadR	Monomer	3.5	0.76
		Homotetramer	6.0	8.12
P0AF18	NagA	Monomer	3.3	0.6
P0A759	NagB	Monomer	2.9	0.36
		Homotrimer	4.5	2.18
P0AF20	NagC	Monomer	3.4	0.69
P0AF24	NagD	Monomer	2.8	0.31

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P09323	NagE	Monomer	4	1.39
P75959	NagK	Monomer	3	0.42
P75949	NagZ	Monomer	3.2	0.52
P0A6L4	NanA	Monomer	3	0.42
		Homotetramer	5.2	4.18
P69856	NanC	Monomer	2.8	0.32
P0A761	NanE	Monomer	2.7	0.26
P45425	NanK	Monomer	2.9	0.36
		Homodimer	3.8	1.09
P39371	NanM	Monomer	3.3	0.57
P0A8W0	NanR	Monomer	2.9	0.35
P39370	NanS	Monomer	3.2	0.51
P41036	NanT	Monomer	3.7	0.93
P33937	NapA	Monomer	4.6	2.33
P0ABL3	NapB	Monomer	2.3	0.14
P0ABL5	NapC	Monomer	2.6	0.24
P0A9I5	NapD	Monomer	1.9	0.06
P0AAL0	NapF	Monomer	2.4	0.16
P0AAL3	NapG	Monomer	2.7	0.27
P33934	NapH	Monomer	3	0.4
P09152	NarG	Monomer	5.4	4.77
P11349	NarH	Monomer	3.8	1.06
P11350	NarI	Monomer	2.7	0.28
P0AF26	NarJ	Monomer	2.8	0.3
P10903	NarK	Monomer	3.6	0.82
P0AF28	NarL	Monomer	2.7	0.26
P31802	NarP	Monomer	2.7	0.25
P27896	NarQ	Monomer	3.9	1.23
P37758	NarU	Monomer	3.6	0.82
P0AF32	NarV	Monomer	2.8	0.29

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P19317	NarW	Monomer	2.8	0.29
P0AFA2	NarX	Monomer	4	1.34
P19318	NarY	Monomer	3.8	1.07
P19319	NarZ	Monomer	5.4	4.75
P00393	Ndh	Monomer	3.5	0.76
P0A763	Ndk	Monomer	2.3	0.13
		Homotetramer	3.9	1.17
P50465	Nei	Monomer	2.9	0.36
P77258	NemA	Monomer	3.3	0.56
P67430	NemR	Monomer	2.6	0.23
P0ADL1	NepI	Monomer	3.3	0.62
P68739	Nfi	Monomer	2.7	0.27
P38489	NfnB	Monomer	2.7	0.25
		Homodimer	3.5	0.77
P0A6C1	Nfo	Monomer	3	0.39
P31600	NfrA	Monomer	4.9	3.18
P0AFA5	NfrB	Monomer	4.4	2.01
P17117	NfsA	Monomer	2.8	0.3
P63020	NfuA	Monomer	2.5	0.21
		Homodimer	3.3	0.62
P13738	NhaA	Monomer	3.3	0.61
P0AFA7	NhaB	Monomer	3.8	1.02
P0A9G2	NhaR	Monomer	3.1	0.45
P77567	NhoA	Monomer	3	0.41
P0ACD4	NifU	Monomer	2.2	0.11
P33590	NikA	Monomer	3.8	1.08
P33591	NikB	Monomer	3.1	0.47
P0AFA9	NikC	Monomer	2.9	0.37
P33593	NikD	Monomer	2.8	0.31
P33594	NikE	Monomer	2.9	0.36

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A6Z6	NikR	Monomer	2.2	0.13
		Homotetramer	3.9	1.13
Q47270	NinE	Monomer	1.6	0.04
P08201	NirB	Monomer	4.6	2.34
		Homodimer	6.0	7.88
P0AC26	NirC	Monomer	2.9	0.34
P0A9I8	NirD	Monomer	2.1	0.09
P04846	NlpA	Monomer	2.9	0.35
P0A903	NlpB	Monomer	3.2	0.5
P23898	NlpC	Monomer	2.4	0.15
P0ADA3	NlpD	Monomer	3.3	0.58
P40710	NlpE	Monomer	2.8	0.29
P0AFB1	NlpI	Monomer	3.1	0.44
P21420	NmpC	Monomer	3.3	0.58
P31061	NohA	Monomer	2.6	0.21
P31062	NohB	Monomer	2.5	0.2
P37013	NorR	Monomer	3.7	0.97
Q46877	NorV	Monomer	3.7	0.95
		Homotetramer	6.4	10.39
P37596	NorW	Monomer	3.3	0.61
P00452	NrdA	Monomer	4.4	2.03
P69924	NrdB	Monomer	3.4	0.66
P28903	NrdD	Monomer	4.3	1.81
P39452	NrdE	Monomer	4.3	1.82
P37146	NrdF	Monomer	3.2	0.5
P0A9N8	NrdG	Monomer	2.4	0.16
P0AC65	NrdH	Monomer	1.8	0.06
P0A772	NrdI	Monomer	2.3	0.13
P0A8D0	NrdR	Monomer	2.4	0.15
P0ABK9	NrfA	Monomer	3.7	0.93

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0ABL1	NrfB	Monomer	2.5	0.2
P0AAK7	NrfC	Monomer	2.7	0.27
P32709	NrfD	Monomer	3.1	0.47
P32710	NrfE	Monomer	3.9	1.16
P32711	NrfF	Monomer	2.2	0.12
P32712	NrfG	Monomer	2.6	0.24
P0A9E9	Nsr	Monomer	2.7	0.28
		Homodimer	3.6	0.84
P0AF63	NsrR	Monomer	2.3	0.13
P0AB83	Nth	Monomer	2.7	0.25
P0AFC0	NudB	Monomer	2.4	0.15
P32664	NudC	Monomer	2.9	0.36
		Homodimer	3.8	1.1
P32056	NudD	Monomer	2.4	0.17
		Homodimer	3.2	0.5
P45799	NudE	Monomer	2.6	0.21
		Homodimer	3.4	0.63
Q93K97	NudF	Monomer	2.7	0.25
		Homodimer	3.5	0.76
P77788	NudG	Monomer	2.2	0.12
P52006	NudI	Monomer	2.3	0.14
P0AEI6	NudJ	Monomer	2.4	0.16
P37128	NudK	Monomer	2.6	0.22
		Homodimer	3.4	0.66
P43337	NudL	Monomer	2.6	0.22
P0AFC3	NuoA	Monomer	2.3	0.14
P0AFC7	NuoB	Monomer	2.7	0.27
P33599	NuoC	Monomer	4	1.38
P0AFD1	NuoE	Monomer	2.4	0.17
P31979	NuoF	Monomer	3.6	0.81

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33602	NuoG	Monomer	4.7	2.65
P0AFD4	NuoH	Monomer	3.2	0.49
P0AFD6	NuoI	Monomer	2.5	0.2
P0AFE0	NuoJ	Monomer	2.5	0.19
P0AFE4	NuoK	Monomer	2	0.08
P33607	NuoL	Monomer	4	1.32
P0AFE8	NuoM	Monomer	3.8	1.01
P0AFF0	NuoN	Monomer	3.6	0.88
P0AFF2	NupC	Monomer	3.4	0.66
P0AFF4	NupG	Monomer	3.5	0.73
P33021	NupX	Monomer	3.4	0.66
P0AFF6	NusA	Monomer	3.7	0.96
P0A780	NusB	Monomer	2.3	0.13
P0AFG0	NusG	Monomer	2.5	0.2
P42641	ObgE	Monomer	3.4	0.65
P37057	OgrK	Monomer	1.8	0.05
P0AFH0	Ogt	Monomer	2.5	0.18
P0A910	OmpA	Monomer	3.2	0.51
P06996	OmpC	Monomer	3.3	0.58
P02931	OmpF	Monomer	3.3	0.56
P76045	OmpG	Monomer	3.1	0.46
P76773	OmpL	Monomer	2.8	0.31
P77747	OmpN	Monomer	3.3	0.6
P0AA16	OmpR	Monomer	2.8	0.31
P09169	OmpT	Monomer	3.1	0.48
P0A915	OmpW	Monomer	2.6	0.24
P0A917	OmpX	Monomer	2.4	0.17
P23843	OppA	Monomer	3.9	1.14
P0AFH2	OppB	Monomer	3.1	0.43
P0AFH6	OppC	Monomer	3	0.42

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P76027	OppD	Monomer	3.2	0.51
P77737	OppF	Monomer	3.2	0.51
P0A784	Orn	Monomer	2.5	0.21
		Homodimer	3.3	0.61
P0ADA7	OsmB	Monomer	1.7	0.04
P0C0L2	OsmC	Monomer	2.2	0.13
P0ADB1	OsmE	Monomer	2	0.09
P33362	OsmF	Monomer	3	0.42
P0AFH8	OsmY	Monomer	2.6	0.21
P31677	OtsA	Monomer	3.7	0.93
		Homotetramer	6.3	10.17
P31678	OtsB	Monomer	2.9	0.35
P25714	OxaA	Monomer	3.9	1.16
P0AFI0	Oxc	Monomer	3.9	1.13
P0ACQ4	OxyR	Monomer	3.1	0.45
		Homodimer	4.1	1.39
P76077	PaaA	Monomer	3.1	0.48
P76078	PaaB	Monomer	2	0.08
P76079	PaaC	Monomer	2.8	0.32
P76080	PaaD	Monomer	2.4	0.17
P76081	PaaE	Monomer	3.3	0.56
P76082	PaaF	Monomer	2.8	0.31
P77467	PaaG	Monomer	2.9	0.33
P76083	PaaH	Monomer	3.6	0.87
P76084	PaaI	Monomer	2.2	0.12
		Homotetramer	3.8	1.1
P0C7L2	PaaJ	Monomer	3.4	0.63
P76085	PaaK	Monomer	3.5	0.8
P76086	PaaX	Monomer	3.1	0.47
P77181	PaaY	Monomer	2.6	0.21

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P00903	PabA	Monomer	2.5	0.2
P05041	PabB	Monomer	3.6	0.85
P28305	PabC	Monomer	2.9	0.36
		Homodimer	3.8	1.1
P0A912	Pal	Monomer	2.4	0.18
P31057	PanB	Monomer	2.9	0.33
		Homodecamer	7.1	16.88
P31663	PanC	Monomer	3	0.4
		Homodimer	3.9	1.22
P0A790	PanD	Monomer	2.2	0.11
P0A9J4	PanE	Monomer	3.1	0.44
P16256	PanF	Monomer	3.6	0.87
P0AFI2	ParC	Monomer	4.4	1.96
P20083	ParE	Monomer	4.1	1.45
P42588	PatA	Monomer	3.6	0.82
Q46790	Pbl	Monomer	2.4	0.17
P76577	PbpC	Monomer	4.4	2.0
P0AFI5	PbpG	Monomer	3.1	0.44
P22259	PckA	Monomer	3.8	1.11
P0A7A5	Pcm	Monomer	2.7	0.24
P0ABF1	PcnB	Monomer	3.7	0.93
P0ACL9	PdhR	Monomer	2.9	0.35
P19624	PdxA	Monomer	3.1	0.47
		Homodimer	4.1	1.45
P05459	PdxB	Monomer	3.3	0.61
		Homodimer	4.4	1.91
P0AFI7	PdxH	Monomer	2.8	0.28
		Homodimer	3.6	0.86
P0A794	PdxJ	Monomer	2.8	0.3
		Homoocatmer	6.3	9.88

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P40191	PdxK	Monomer	3	0.38
P77150	PdxY	Monomer	3	0.39
		Homodimer	3.9	1.2
P68767	PepA	Monomer	3.7	0.96
		Homohexamer	7.5	22.51
P37095	PepB	Monomer	3.5	0.73
		Homohexamer	7.0	16.29
P15288	PepD	Monomer	3.7	0.91
P0A7C6	PepE	Monomer	2.7	0.27
P04825	PepN	Monomer	4.7	2.59
P15034	PepP	Monomer	3.6	0.82
		Homotetramer	6.2	8.9
P21165	PepQ	Monomer	3.6	0.83
P29745	PepT	Monomer	3.4	0.69
		Homodimer	4.5	2.2
P0AFI9	PerM	Monomer	3.3	0.56
Q57083	PerR	Monomer	3.1	0.44
P0A796	PfkA	Monomer	3.1	0.46
		Homotetramer	5.3	4.7
P06999	PfkB	Monomer	3	0.41
		Homodimer	4.0	1.27
P0A9N4	PflA	Monomer	2.9	0.33
P09373	PflB	Monomer	4.4	2.02
		Homodimer	5.8	6.74
P32675	PflC	Monomer	3	0.41
P32674	PflD	Monomer	4.4	2.04
P69434	PgaA	Monomer	4.5	2.3
P75906	PgaB	Monomer	4.2	1.71
P75905	PgaC	Monomer	3.6	0.85
P69432	PgaD	Monomer	2.3	0.14

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A6T1	Pgi	Monomer	3.9	1.16
		Homodimer	5.1	3.78
P0A799	Pgk	Monomer	3.3	0.6
P52697	Pgl	Monomer	3.2	0.49
P36938	Pgm	Monomer	3.8	1.07
P18200	PgpA	Monomer	2.5	0.18
P0A924	PgpB	Monomer	2.9	0.35
P0ABF8	PgsA	Monomer	2.5	0.2
P0A9J8	PheA	Monomer	3.4	0.65
P0AD72	PheL	Monomer	1	0.01
P0AD74	PheM	Monomer	1	0.01
P24207	PheP	Monomer	3.6	0.85
P08312	PheS	Monomer	3.2	0.5
P07395	PheT	Monomer	4.5	2.1
P0AFJ1	PhnA	Monomer	2.1	0.09
P16681	PhnB	Monomer	2.3	0.14
P16677	PhnC	Monomer	2.9	0.35
P16682	PhnD	Monomer	3.2	0.52
P16683	PhnE	Monomer	2.9	0.33
P16684	PhnF	Monomer	2.8	0.32
P16685	PhnG	Monomer	2.3	0.14
P16686	PhnH	Monomer	2.5	0.21
P16687	PhnI	Monomer	3.2	0.55
P16688	PhnJ	Monomer	3	0.4
P16678	PhnK	Monomer	2.8	0.32
P16679	PhnL	Monomer	2.7	0.27
P16689	PhnM	Monomer	3.3	0.62
P16690	PhnN	Monomer	2.5	0.2
P16691	PhnO	Monomer	2.3	0.14
P16692	PhnP	Monomer	2.8	0.32

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P00634	PhoA	Monomer	3.6	0.81
P0AFJ5	PhoB	Monomer	2.8	0.3
P02932	PhoE	Monomer	3.2	0.55
P0A9K1	PhoH	Monomer	3.3	0.56
P23836	PhoP	Monomer	2.8	0.28
P23837	PhoQ	Monomer	3.7	0.98
P08400	PhoR	Monomer	3.6	0.82
P0A9K7	PhoU	Monomer	2.8	0.32
P45548	Php	Monomer	3	0.42
P00914	PhrB	Monomer	3.7	0.93
P03014	PinE	Monomer	2.5	0.2
P76611	PinH	Monomer	1.8	0.06
P77170	PinQ	Monomer	2.6	0.22
P0ADI0	PinR	Monomer	2.6	0.22
P03825	PioO	Monomer	2.3	0.14
P0AFJ7	PitA	Monomer	3.7	0.92
P43676	PitB	Monomer	3.7	0.93
P0A921	PldA	Monomer	3	0.43
P07000	PldB	Monomer	3.2	0.55
P0A7A7	PlsB	Monomer	4.5	2.26
P26647	PlsC	Monomer	2.8	0.32
P27247	PlsX	Monomer	3.2	0.54
		Homodimer	4.2	1.67
P60782	PlsY	Monomer	2.6	0.23
P0AFK0	PmbA	Monomer	3.5	0.78
P37590	PmrD	Monomer	1.9	0.07
P21369	PncA	Monomer	2.7	0.25
P18133	PncB	Monomer	3.5	0.72
P05055	Pnp	Monomer	4.2	1.7
		Homotrimer	6.5	11.68

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P07001	PntA	Monomer	3.7	0.96
P0AB67	PntB	Monomer	3.5	0.79
P0AFK2	PnuC	Monomer	2.8	0.31
P00582	PolA	Monomer	4.8	2.78
P21189	PolB	Monomer	4.5	2.21
P69874	PotA	Monomer	3.4	0.65
P0AFK4	PotB	Monomer	3	0.38
P0AFK6	PotC	Monomer	2.9	0.35
P0AFK9	PotD	Monomer	3.2	0.55
P0AAF1	PotE	Monomer	3.5	0.73
P31133	PotF	Monomer	3.3	0.6
P31134	PotG	Monomer	3.3	0.62
P31135	PotH	Monomer	3.1	0.48
P0AFL1	PotI	Monomer	3	0.37
P0A8N7	PoxA	Monomer	3.2	0.51
P07003	PoxB	Monomer	3.9	1.18
P0A7A9	Ppa	Monomer	2.5	0.19
		Homohexamer	5.0	3.53
P00864	Ppc	Monomer	4.7	2.6
		Homotetramer	8.1	32.0
P33554	PpdA	Monomer	2.4	0.16
P08371	PpdB	Monomer	2.5	0.2
P08372	PpdC	Monomer	2	0.09
P36647	PpdD	Monomer	2.3	0.13
P55798	PphA	Monomer	2.7	0.28
P55799	PphB	Monomer	2.7	0.27
P0AFL3	PpiA	Monomer	2.5	0.2
P23869	PpiB	Monomer	2.4	0.17
P0A9L5	PpiC	Monomer	1.9	0.07
P0ADY1	PpiD	Monomer	4	1.38

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A7B1	Ppk	Monomer	4.3	1.82
P0A7B3	PpnK	Monomer	3	0.41
Q46836	PppA	Monomer	2.9	0.35
P23538	PpsA	Monomer	4.5	2.1
		Homodimer	5.8	7.04
P31992	PptA	Monomer	1.8	0.05
		Homodimer	2.4	0.16
P0AFL6	Ppx	Monomer	3.8	1.06
P0AFL9	PqiA	Monomer	3.5	0.73
P43671	PqiB	Monomer	3.9	1.13
P31828	PqqL	Monomer	4.8	2.86
P23865	Prc	Monomer	4.2	1.68
P0A7I0	PrfA	Monomer	3.3	0.59
P07012	PrfB	Monomer	3.3	0.61
P0A7I4	PrfC	Monomer	3.8	1.1
P28369	PrfH	Monomer	2.4	0.18
P17888	PriA	Monomer	4.3	1.87
P07013	PriB	Monomer	2	0.08
P23862	PriC	Monomer	2.5	0.2
P0AEX5	PrkB	Monomer	3	0.41
P27298	PrlC	Monomer	4.2	1.7
P0A8T1	PrmA	Monomer	3	0.4
P07004	ProA	Monomer	3.4	0.69
P0A7B5	ProB	Monomer	3.2	0.55
P0A9L8	ProC	Monomer	2.9	0.33
P0C0L7	ProP	Monomer	3.7	0.96
P45577	ProQ	Monomer	2.8	0.29
P16659	ProS	Monomer	3.9	1.23
		Homodimer	5.2	4.02
P14175	ProV	Monomer	3.4	0.68

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P14176	ProW	Monomer	3.2	0.52
P0AFM2	ProX	Monomer	3.1	0.49
P0AAE2	ProY	Monomer	3.6	0.83
P77541	PrpB	Monomer	3	0.41
P31660	PrpC	Monomer	3.4	0.65
		Homodimer	4.4	2.05
P77243	PrpD	Monomer	3.7	0.94
P77495	PrpE	Monomer	4.1	1.42
P77743	PrpR	Monomer	3.8	1.08
P77674	Prr	Monomer	3.6	0.85
		Homotetramer	6.2	9.23
P0A717	Prs	Monomer	3.1	0.45
P0A8K1	Psd	Monomer	3.1	0.48
P36678	PshM	Monomer	2.4	0.15
P0A7C8	PsiE	Monomer	2.3	0.13
P0AFM4	PsiF	Monomer	2	0.09
P0AFM6	PspA	Monomer	2.7	0.28
P0AFM9	PspB	Monomer	1.8	0.06
P0AFN2	PspC	Monomer	2.1	0.11
P0AFV8	PspD	Monomer	1.7	0.05
P23857	PspE	Monomer	2	0.08
P37344	PspF	Monomer	3.2	0.51
P32696	PspG	Monomer	1.8	0.06
P23830	PssA	Monomer	3.7	0.9
P07654	PstA	Monomer	3	0.41
P0AAH0	PstB	Monomer	2.9	0.35
P0AGH8	PstC	Monomer	3.1	0.45
P0AG82	PstS	Monomer	3.2	0.51
P33025	PsuG	Monomer	3	0.42
P30235	PsuK	Monomer	3.1	0.44

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33024	PsuT	Monomer	3.4	0.66
P0A9M8	Pta	Monomer	4.2	1.7
		Homohexamer	8.6	43.2
P0A7D1	Pth	Monomer	2.6	0.21
P05458	PtrA	Monomer	4.8	3.0
P24555	PtrB	Monomer	4.3	1.79
P32670	PtsA	Monomer	4.5	2.28
P69786	PtsG	Monomer	3.6	0.85
P0AA04	PtsH	Monomer	1.8	0.06
P08839	PtsI	Monomer	3.9	1.23
		Homodimer	5.2	4.0
P69829	PtsN	Monomer	2.4	0.16
P0A9N0	PtsO	Monomer	1.9	0.07
P37177	PtsP	Monomer	4.4	1.95
P0A7D4	PurA	Monomer	3.5	0.76
		Homodimer	4.6	2.41
P0AB89	PurB	Monomer	3.6	0.87
P0A7D7	PurC	Monomer	2.8	0.31
		Homotrimer	4.3	1.84
P15640	PurD	Monomer	3.5	0.72
P0AG18	PurE	Monomer	2.4	0.16
		Homoocatmer	5.4	4.87
P0AG16	PurF	Monomer	3.8	1.01
		Homotetramer	6.5	11.19
P15639	PurH	Monomer	3.8	1.04
P09029	PurK	Monomer	3.3	0.56
		Homodimer	4.3	1.77
P15254	PurL	Monomer	5.4	4.82
P08178	PurM	Monomer	3.2	0.5
		Homodimer	4.2	1.57

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P08179	PurN	Monomer	2.7	0.24
		Homodimer	3.5	0.73
P31466	PurP	Monomer	3.5	0.74
P0ACP7	PurR	Monomer	3.2	0.53
		Homodimer	4.2	1.67
P33221	PurT	Monomer	3.4	0.63
		Homodimer	4.4	2.0
P37051	PurU	Monomer	3	0.4
		Homohexamer	6.1	8.29
P09546	PutA	Monomer	5.4	4.97
		Homodimer	7.1	17.47
P07117	PutP	Monomer	3.7	0.95
P78061	PuuA	Monomer	3.7	0.92
P37906	PuuB	Monomer	3.5	0.75
P23883	PuuC	Monomer	3.7	0.92
P76038	PuuD	Monomer	2.9	0.33
		Homodimer	3.7	1.0
P50457	PuuE	Monomer	3.4	0.69
P76037	PuuP	Monomer	3.6	0.85
P0A9U6	PuuR	Monomer	2.5	0.19
P21599	PykA	Monomer	3.6	0.86
		Homotetramer	6.2	9.41
P0AD61	PykF	Monomer	3.6	0.85
		Homotetramer	6.2	9.2
P0A786	PyrB	Monomer	3.1	0.45
		Heterododecamer ($PyrB_6$-$PyrI_6$)	7.3	20.01
P05020	PyrC	Monomer	3.2	0.55
		Homodimer	4.3	1.72
P0A7E1	PyrD	Monomer	3.2	0.5
P0A7E3	PyrE	Monomer	2.7	0.25

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	3.5	0.75
P08244	PyrF	Monomer	2.8	0.3
		Homodimer	3.7	0.9
P0A7E5	PyrG	Monomer	3.9	1.13
		Homodimer	5.1	3.66
P0A7E9	PyrH	Monomer	2.8	0.29
		Homohexamer	5.6	5.73
P0A7F3	PyrI	Monomer	2.4	0.15
		Heterododecamer ($PyrB_6$-$PyrI_6$)	7.3	20.01
P0AD83	PyrL	Monomer	1.5	0.03
P0AA53	QmcA	Monomer	3.1	0.44
P28304	QorA	Monomer	3.1	0.47
		Homodimer	4.1	1.46
P39315	QorB	Monomer	2.9	0.36
P52076	QseB	Monomer	2.7	0.27
P40719	QseC	Monomer	3.6	0.83
P39376	QseD	Monomer	3.1	0.46
P0A7F9	QueA	Monomer	3.3	0.56
P77756	QueC	Monomer	2.7	0.28
P65870	QueD	Monomer	2.2	0.11
Q46920	QueF	Monomer	3	0.41
		Homodimer	4.0	1.28
Q47274	QuuD	Monomer	2.2	0.11
P76161	QuuQ	Monomer	2.8	0.33
P15033	RacC	Monomer	1.9	0.07
P76062	RacR	Monomer	2.4	0.16
P24554	RadA	Monomer	3.6	0.81
P0AD49	RaiA	Monomer	2.1	0.1
P60240	RapA	Monomer	4.9	3.1
P0AAZ4	RarA	Monomer	3.6	0.82

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P27844	RarD	Monomer	3.1	0.43
P0AGL5	RatA	Monomer	2.4	0.16
P52119	RatB	Monomer	2	0.08
P31473	RavA	Monomer	3.8	1.01
P0A7G2	RbfA	Monomer	2.2	0.13
P0A8V0	Rbn	Monomer	3	0.42
		Homodimer	4.0	1.3
P04983	RbsA	Monomer	3.7	0.97
P02925	RbsB	Monomer	3	0.38
P0AGI1	RbsC	Monomer	3.1	0.43
P04982	RbsD	Monomer	2.2	0.13
		Homodecamer	5.5	5.54
P0A9J6	RbsK	Monomer	3	0.41
		Homodimer	4.0	1.26
P0ACQ0	RbsR	Monomer	3.2	0.5
P76425	RcnA	Monomer	2.9	0.37
P64534	RcnB	Monomer	2.1	0.09
P64530	RcnR	Monomer	1.9	0.07
P69405	RcsA	Monomer	2.7	0.25
P69407	RcsB	Monomer	2.7	0.25
		Homodimer	3.5	0.76
P14376	RcsC	Monomer	4.8	2.94
P39838	RcsD	Monomer	4.7	2.66
P69411	RcsF	Monomer	2.2	0.11
P52061	RdgB	Monomer	2.5	0.21
		Homodimer	3.3	0.63
P36767	RdgC	Monomer	3.1	0.44
P0C0K3	RdoA	Monomer	3.2	0.53
P0A7G6	RecA	Monomer	3.2	0.53
P08394	RecB	Monomer	5.3	4.39

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P07648	RecC	Monomer	5.2	4.1
P04993	RecD	Monomer	4	1.34
P15032	RecE	Monomer	4.6	2.48
		Homotetramer	8.0	30.36
P0A7H0	RecF	Monomer	3.3	0.59
P24230	RecG	Monomer	4.2	1.67
P21893	RecJ	Monomer	3.9	1.22
P05824	RecN	Monomer	3.9	1.16
P0A7H3	RecO	Monomer	2.8	0.32
P15043	RecQ	Monomer	4	1.39
P0A7H6	RecR	Monomer	2.6	0.22
P33228	RecT	Monomer	2.9	0.36
		Homotetramer	5.0	3.56
P33596	RecX	Monomer	2.5	0.18
P0AG20	RelA	Monomer	4.4	1.96
P0C079	RelB	Monomer	1.8	0.06
		Heterotetramer ($RelB_2$-$RelE_2$)	3.3	0.59
P0C077	RelE	Monomer	2	0.08
		Heterotetramer ($RelB_2$-$RelE_2$)	3.3	0.59
P07010	Rem	Monomer	1.8	0.06
P75718	RenD	Monomer	2	0.08
P09980	Rep	Monomer	4.2	1.69
P27127	RfaB	Monomer	3.3	0.6
P24173	RfaC	Monomer	3.1	0.48
P37692	RfaF	Monomer	3.2	0.55
P25740	RfaG	Monomer	3.4	0.63
P0AFW0	RfaH	Monomer	2.4	0.17
P27128	RfaI	Monomer	3.3	0.56
P27129	RfaJ	Monomer	3.2	0.55
P27243	RfaL	Monomer	3.5	0.74

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P25741	RfaP	Monomer	3	0.38
P25742	RfaQ	Monomer	3.2	0.55
P27126	RfaS	Monomer	3.2	0.5
P27240	RfaY	Monomer	2.8	0.32
P27241	RfaZ	Monomer	3	0.42
P37759	RfbB	Monomer	3.3	0.59
		Homodimer	4.3	1.85
P37745	RfbC	Monomer	2.6	0.21
		Homodimer	3.4	0.64
P37760	RfbD	Monomer	3	0.42
		Homodimer	4.0	1.29
P37746	RfbX	Monomer	3.4	0.71
P37748	Rfc	Monomer	3.4	0.69
P27833	RffA	Monomer	3.3	0.62
P27832	RffC	Monomer	2.7	0.26
P27830	RffG	Monomer	3.3	0.57
		Homodimer	4.3	1.79
P32170	RhaA	Monomer	3.5	0.75
		Homotetramer	6.0	8.07
P32171	RhaB	Monomer	3.7	0.94
P32169	RhaD	Monomer	2.9	0.37
		Homotetramer	5.1	3.65
P32156	RhaM	Monomer	2.1	0.09
		Homodimer	2.7	0.27
P09378	RhaR	Monomer	3	0.41
P09377	RhaS	Monomer	3	0.41
P27125	RhaT	Monomer	3.2	0.52
P0A8J8	RhlB	Monomer	3.5	0.75
P25888	RhlE	Monomer	3.6	0.83
P76469	RhmA	Monomer	2.9	0.34

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homohexamer	5.8	6.94
P77215	RhmD	Monomer	3.4	0.68
		Homoocatmer	7.7	25.79
P77732	RhmR	Monomer	2.9	0.34
P76470	RhmT	Monomer	3.5	0.73
P0AG30	Rho	Monomer	3.5	0.75
		Homohexamer	7.1	16.84
P0ADF3	RhoL	Monomer	1.3	0.02
P16916	RhsA	Monomer	5.6	5.76
P16917	RhsB	Monomer	5.6	5.96
P16918	RhsC	Monomer	5.6	5.86
P16919	RhsD	Monomer	5.6	5.99
P24211	RhsE	Monomer	4.2	1.7
P0AA67	RhtA	Monomer	3	0.39
P0AG34	RhtB	Monomer	2.6	0.23
P0AG38	RhtC	Monomer	2.6	0.23
P0A7I7	RibA	Monomer	2.6	0.22
		Homodimer	3.4	0.66
P0A7J0	RibB	Monomer	2.7	0.25
P25539	RibD	Monomer	3.3	0.58
		Homodimer	4.3	1.83
P0AFU8	RibE	Monomer	2.7	0.25
P0AG40	RibF	Monomer	3.1	0.46
P61714	RibH	Monomer	2.3	0.14
P41409	RihA	Monomer	3.1	0.44
P33022	RihB	Monomer	3.1	0.44
		Homotetramer	5.3	4.45
P22564	RihC	Monomer	3	0.41
P0A944	RimI	Monomer	2.3	0.15
P0A948	RimJ	Monomer	2.6	0.23

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0C0U4	RimK	Monomer	3	0.41
P13857	RimL	Monomer	2.5	0.2
P0A7X6	RimM	Monomer	2.5	0.2
P45748	RimN	Monomer	2.5	0.2
P0AEI4	RimO	Monomer	3.6	0.82
P0A8A8	RimP	Monomer	2.3	0.15
P36999	RlmA	Monomer	2.9	0.37
		Homodimer	3.9	1.14
P63177	RlmB	Monomer	2.8	0.3
		Homodimer	3.7	0.91
P0C0R7	RlmE	Monomer	2.7	0.25
P75782	RlmF	Monomer	3.1	0.45
P42596	RlmG	Monomer	3.4	0.63
P0A8I8	RlmH	Monomer	2.4	0.16
		Homodimer	3.1	0.46
P75876	RlmI	Monomer	3.4	0.68
		Homodimer	4.5	2.15
P75864	RlmL	Monomer	4.3	1.76
		Homodimer	5.6	5.85
P0ADR6	RlmM	Monomer	3.3	0.62
P36979	RlmN	Monomer	3.4	0.65
P10100	RlpA	Monomer	3.2	0.52
P0AA37	RluA	Monomer	2.7	0.27
P37765	RluB	Monomer	3	0.42
P0AA39	RluC	Monomer	3.1	0.49
P33643	RluD	Monomer	3.2	0.51
P75966	RluE	Monomer	2.7	0.27
P32684	RluF	Monomer	3	0.41
P0AFW2	Rmf	Monomer	1.6	0.04
P37744	RmlA1	Monomer	3	0.42

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homotetramer	5.2	4.21
P61887	RmlA2	Monomer	3	0.42
		Homotetramer	5.2	4.21
P0AG71	RmuC	Monomer	3.7	0.96
P21338	Rna	Monomer	2.9	0.36
P30850	Rnb	Monomer	4.1	1.53
P0A7Y0	Rnc	Monomer	2.8	0.28
P09155	Rnd	Monomer	3.4	0.64
P21513	Rne	Monomer	5	3.53
P0A766	RnfA	Monomer	2.5	0.21
P77223	RnfB	Monomer	2.5	0.2
P77611	RnfC	Monomer	4.3	1.81
P76182	RnfD	Monomer	3.2	0.53
P77179	RnfE	Monomer	2.7	0.26
P77285	RnfG	Monomer	2.6	0.22
P0A9J0	Rng	Monomer	3.7	0.98
P0A7Y4	RnhA	Monomer	2.4	0.16
P10442	RnhB	Monomer	2.6	0.22
P0AFW4	Rnk	Monomer	2.2	0.12
P0A7Y8	RnpA	Monomer	2.2	0.11
P21499	Rnr	Monomer	4.5	2.29
P30014	Rnt	Monomer	2.7	0.25
		Homodimer	3.5	0.75
P0ACI0	Rob	Monomer	3	0.43
P27434	RodZ	Monomer	3.2	0.49
P0AFW8	Rof	Monomer	1.9	0.06
P0AG07	Rpe	Monomer	2.7	0.27
P0CG19	Rph	Monomer	2.7	0.26
		Homodimer	3.5	0.8
P0A7Z0	RpiA	Monomer	2.6	0.24

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	3.5	0.72
P37351	RpiB	Monomer	2.3	0.14
		Homodimer	3.0	0.41
P0ACS7	RpiR	Monomer	3	0.41
P0A7L0	RplA	Monomer	2.7	0.27
P60422	RplB	Monomer	2.9	0.36
P60438	RplC	Monomer	2.6	0.23
P60723	RplD	Monomer	2.6	0.23
P62399	RplE	Monomer	2.5	0.2
P0AG55	RplF	Monomer	2.4	0.18
P0A7R1	RplI	Monomer	2.3	0.13
P0A7J3	RplJ	Monomer	2.4	0.16
P0A7J7	RplK	Monomer	2.2	0.12
P0A7K2	RplL	Monomer	2.1	0.09
P0AA10	RplM	Monomer	2.3	0.14
P0ADY3	RplN	Monomer	2.1	0.11
P02413	RplO	Monomer	2.2	0.12
P0ADY7	RplP	Monomer	2.2	0.13
P0AG44	RplQ	Monomer	2.2	0.12
P0C018	RplR	Monomer	2.1	0.1
P0A7K6	RplS	Monomer	2.1	0.1
P0A7L3	RplT	Monomer	2.1	0.11
P0AG48	RplU	Monomer	2	0.08
P61175	RplV	Monomer	2.1	0.09
P0ADZ0	RplW	Monomer	2	0.08
P60624	RplX	Monomer	2	0.08
P68919	RplY	Monomer	2	0.07
P0A7L8	RpmA	Monomer	1.8	0.06
P0A7M2	RpmB	Monomer	1.8	0.06
P0A7M6	RpmC	Monomer	1.7	0.04

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AG51	RpmD	Monomer	1.6	0.04
P0A7M9	RpmE	Monomer	1.7	0.05
P0A7N1	RpmE2	Monomer	1.9	0.07
P0A7N4	RpmF	Monomer	1.6	0.04
P0A7N9	RpmG	Monomer	1.6	0.03
P0A7P5	RpmH	Monomer	1.5	0.03
P0A7Q1	RpmI	Monomer	1.7	0.04
P0A7Q6	RpmJ	Monomer	1.4	0.02
Q2EEQ2	RpmJ2	Monomer	1.5	0.03
P0A7Z4	RpoA	Monomer	3.2	0.5
		Homodimer	4.2	1.55
P0A8V2	RpoB	Monomer	5.5	5.39
P0A8T7	RpoC	Monomer	5.6	5.68
P00579	RpoD	Monomer	4.1	1.45
P0AGB6	RpoE	Monomer	2.6	0.22
P0AGB3	RpoH	Monomer	3	0.41
P24255	RpoN	Monomer	3.7	0.94
P13445	RpoS	Monomer	3.2	0.53
P0A800	RpoZ	Monomer	1.9	0.07
P0A776	RppH	Monomer	2.5	0.21
P0AG67	RpsA	Monomer	3.9	1.15
P0A7V0	RpsB	Monomer	2.8	0.3
P0A7V3	RpsC	Monomer	2.8	0.29
P0A7V8	RpsD	Monomer	2.7	0.25
P0A7W1	RpsE	Monomer	2.4	0.16
P02358	RpsF	Monomer	2.3	0.13
P02359	RpsG	Monomer	2.5	0.19
P0A7W7	RpsH	Monomer	2.2	0.11
P0A7X3	RpsI	Monomer	2.2	0.12
P0A7R5	RpsJ	Monomer	2	0.09

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A7R9	RpsK	Monomer	2.2	0.11
P0A7S3	RpsL	Monomer	2.2	0.11
P0A7S9	RpsM	Monomer	2.1	0.1
P0AG59	RpsN	Monomer	2	0.08
P0ADZ4	RpsO	Monomer	1.9	0.07
P0A7T3	RpsP	Monomer	1.8	0.06
P0AG63	RpsQ	Monomer	1.9	0.06
P0A7T7	RpsR	Monomer	1.8	0.06
P0A7U3	RpsS	Monomer	1.9	0.07
P0A7U7	RpsT	Monomer	1.9	0.06
P68679	RpsU	Monomer	1.8	0.05
P0A8R0	RraA	Monomer	2.4	0.16
		Homotrimer	3.6	0.88
P0AF90	RraB	Monomer	2.3	0.13
P0AFX4	Rsd	Monomer	2.4	0.17
P0AFX7	RseA	Monomer	2.7	0.26
P0AFX9	RseB	Monomer	3.1	0.48
P46187	RseC	Monomer	2.3	0.15
P0AEH1	RseP	Monomer	3.6	0.8
P39286	RsgA	Monomer	3.3	0.56
P06992	RsmA	Monomer	2.9	0.37
P36929	RsmB	Monomer	3.5	0.78
P39406	RsmC	Monomer	3.2	0.52
P0ADX9	RsmD	Monomer	2.6	0.22
P0AGL7	RsmE	Monomer	2.8	0.31
		Homodimer	3.7	0.94
P76273	RsmF	Monomer	3.7	0.92
P0A6U5	RsmG	Monomer	2.7	0.25
P60390	RsmH	Monomer	3.1	0.46
P67087	RsmI	Monomer	3	0.39

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P38104	RspA	Monomer	3.5	0.72
P38105	RspB	Monomer	3.2	0.5
P0AFR0	RssA	Monomer	3	0.42
P52108	RstA	Monomer	2.8	0.3
P18392	RstB	Monomer	3.6	0.81
P0AA43	RsuA	Monomer	2.8	0.29
P46849	RtcA	Monomer	3.1	0.48
P46850	RtcB	Monomer	3.4	0.7
P38035	RtcR	Monomer	3.9	1.13
P76446	Rtn	Monomer	3.8	1.07
P55135	RumA	Monomer	3.5	0.78
P75817	RumB	Monomer	3.3	0.62
P0AG74	RusA	Monomer	2.2	0.11
		Homodimer	2.8	0.32
P75898	RutA	Monomer	3.3	0.63
P75897	RutB	Monomer	2.7	0.28
P0AFQ5	RutC	Monomer	2.2	0.11
		Homotrimer	3.3	0.61
P75895	RutD	Monomer	2.9	0.34
P75894	RutE	Monomer	2.6	0.22
P75893	RutF	Monomer	2.4	0.16
P75892	RutG	Monomer	3.5	0.71
P0ACU2	RutR	Monomer	2.7	0.25
		Homodimer	3.5	0.76
P0A809	RuvA	Monomer	2.6	0.23
		Homotetramer	4.5	2.14
P0A812	RuvB	Monomer	3.2	0.51
		Homododecamer	8.4	40.19
P0A814	RuvC	Monomer	2.4	0.17
		Homodimer	3.2	0.52

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P58041	RzoD	Monomer	1.6	0.04
C1P601	RzoQ	Monomer	1.9	0.06
P58042	RzoR	Monomer	1.6	0.04
P75719	RzpD	Monomer	2.4	0.15
P76158	RzpQ	Monomer	2.4	0.17
P77551	RzpR	Monomer	2.3	0.14
P76149	Sad	Monomer	3.6	0.82
		Homodimer	4.7	2.62
P76136	SafA	Monomer	1.7	0.04
P0AFY2	SanA	Monomer	2.8	0.31
Q47622	SapA	Monomer	3.9	1.17
P0AGH3	SapB	Monomer	3.1	0.49
P0AGH5	SapC	Monomer	3	0.39
P0AAH4	SapD	Monomer	3.2	0.52
P0AAH8	SapF	Monomer	3	0.37
P04995	SbcB	Monomer	3.7	0.95
P13458	SbcC	Monomer	5	3.55
		Heterodimer (SbcC-SbcD)	5.7	6.24
P0AG76	SbcD	Monomer	3.4	0.69
		Heterodimer (SbcC-SbcD)	5.7	6.24
P27253	Sbm	Monomer	4.3	1.73
P0AFY6	SbmA	Monomer	3.5	0.73
P33012	SbmC	Monomer	2.4	0.17
P0AG78	Sbp	Monomer	3.2	0.5
P16095	SdaA	Monomer	3.5	0.8
P30744	SdaB	Monomer	3.5	0.79
P0AAD6	SdaC	Monomer	3.5	0.75
P0AC41	SdhA	Monomer	4	1.26
P07014	SdhB	Monomer	2.8	0.3
P69054	SdhC	Monomer	2.2	0.12

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AC44	SdhD	Monomer	2.1	0.1
P07026	SdiA	Monomer	2.9	0.33
P10408	SecA	Monomer	4.7	2.73
		Homodimer	6.2	9.29
P0AG86	SecB	Monomer	2.4	0.15
		Homotetramer	4.1	1.41
P0AG90	SecD	Monomer	4	1.33
P0AG96	SecE	Monomer	2.2	0.11
P0AG93	SecF	Monomer	3.1	0.47
P0AG99	SecG	Monomer	2	0.08
P62395	SecM	Monomer	2.4	0.18
P0AGA2	SecY	Monomer	3.5	0.79
P0A821	SelA	Monomer	3.6	0.84
		Homodecamer	8.9	51.36
P14081	SelB	Monomer	4.1	1.4
P16456	SelD	Monomer	3.2	0.5
P33667	SelU	Monomer	3.3	0.6
P0AFY8	SeqA	Monomer	2.5	0.2
P0A9T0	SerA	Monomer	3.4	0.68
		Homotetramer	5.9	7.17
P0AGB0	SerB	Monomer	3.1	0.47
P23721	SerC	Monomer	3.3	0.57
		Homodimer	4.3	1.79
P0A8L1	SerS	Monomer	3.5	0.78
		Homodimer	4.6	2.5
P31675	SetA	Monomer	3.4	0.64
P33026	SetB	Monomer	3.4	0.64
P31436	SetC	Monomer	3.4	0.66
P0AAA5	Sfa	Monomer	1.8	0.06
P0ABW5	SfmA	Monomer	2.4	0.17

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P77249	SfmC	Monomer	2.7	0.28
P77468	SfmD	Monomer	4.6	2.45
P38052	SfmF	Monomer	2.4	0.17
P75715	SfmH	Monomer	3.1	0.48
P0A823	SfsA	Monomer	2.8	0.29
P0ACH1	SfsB	Monomer	1.9	0.07
P37680	SgbE	Monomer	2.8	0.28
P37678	SgbH	Monomer	2.7	0.25
		Homodimer	3.5	0.75
P37679	SgbU	Monomer	3	0.41
P39363	SgcA	Monomer	2.3	0.13
P58035	SgcB	Monomer	1.9	0.07
P39365	SgcC	Monomer	3.5	0.74
P39362	SgcE	Monomer	2.6	0.24
P39364	SgcQ	Monomer	2.9	0.35
P39361	SgcR	Monomer	2.9	0.35
P39366	SgcX	Monomer	3.3	0.59
P33595	SgrR	Monomer	3.9	1.24
C1P5Z7	SgrT	Monomer	1.5	0.03
P76350	ShiA	Monomer	3.5	0.77
C1P611	ShoB	Monomer	1.2	0.01
P38392	SieB	Monomer	2.5	0.18
P0AGM5	SirB1	Monomer	3	0.38
Q46755	SirB2	Monomer	2.2	0.12
P76502	SixA	Monomer	2.4	0.15
P0AEU7	Skp	Monomer	2.4	0.16
P0C093	SlmA	Monomer	2.6	0.24
P37194	Slp	Monomer	2.5	0.21
P0AGC3	Slt	Monomer	4.2	1.56
P0A8W2	SlyA	Monomer	2.3	0.14

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	3.0	0.42
P0A905	SlyB	Monomer	2.3	0.13
P0A9K9	SlyD	Monomer	2.5	0.21
P0A8R4	SlyX	Monomer	1.8	0.05
P30852	Smf	Monomer	3.3	0.6
P0A828	Smg	Monomer	2.4	0.17
P0AGC7	Smp	Monomer	2.7	0.26
P0A937	SmpA	Monomer	2.1	0.09
P0A832	SmpB	Monomer	2.4	0.17
P36566	SmtA	Monomer	2.9	0.36
P00448	SodA	Monomer	2.6	0.24
		Homodimer	3.5	0.73
P0AGD3	SodB	Monomer	2.6	0.21
		Homodimer	3.4	0.64
P0AGD1	SodC	Monomer	2.4	0.16
P15373	SohA	Monomer	2.1	0.09
		Homodimer	2.7	0.27
P0AG14	SohB	Monomer	3.3	0.56
P40874	SolA	Monomer	3.3	0.6
P31122	SotB	Monomer	3.4	0.64
P0ACS2	SoxR	Monomer	2.4	0.15
		Homodimer	3.1	0.45
P0A9E2	SoxS	Monomer	2.1	0.1
P21170	SpeA	Monomer	4.2	1.58
P60651	SpeB	Monomer	3.1	0.43
P21169	SpeC	Monomer	4.3	1.78
P0A7F6	SpeD	Monomer	2.9	0.37
P09158	SpeE	Monomer	3	0.41
		Homodimer	4.0	1.26
P24169	SpeF	Monomer	4.4	1.9

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A951	SpeG	Monomer	2.6	0.22
		Homotetramer	4.5	2.1
P0AG24	SpoT	Monomer	4.3	1.78
P08395	SppA	Monomer	4	1.35
P0AFV4	Spr	Monomer	2.5	0.21
P39902	SprT	Monomer	2.5	0.18
P77754	Spy	Monomer	2.4	0.17
P68191	Sra	Monomer	1.5	0.03
P56579	SrlA	Monomer	2.5	0.2
P05706	SrlB	Monomer	2.1	0.1
P05707	SrlD	Monomer	2.8	0.32
		Homotetramer	4.9	3.18
P56580	SrlE	Monomer	3.1	0.43
P15082	SrlR	Monomer	2.9	0.33
P21507	SrmB	Monomer	3.6	0.82
P0AGE0	Ssb	Monomer	2.4	0.18
		Homotetramer	4.2	1.65
P31142	SseA	Monomer	3	0.38
P0AFZ1	SseB	Monomer	2.9	0.34
Q46812	SsnA	Monomer	3.5	0.8
P0ACA3	SspA	Monomer	2.7	0.26
P0AFZ3	SspB	Monomer	2.4	0.17
P0AGE4	SstT	Monomer	3.4	0.66
P75853	SsuA	Monomer	3.1	0.46
P0AAI1	SsuB	Monomer	2.8	0.32
P75851	SsuC	Monomer	2.9	0.34
P80645	SsuD	Monomer	3.3	0.62
		Homotetramer	5.7	6.48
P80644	SsuE	Monomer	2.6	0.21
		Homodimer	3.4	0.64

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33227	StfE	Monomer	2.4	0.16
P77515	StfQ	Monomer	3	0.42
P76072	StfR	Monomer	4.9	3.3
P27306	SthA	Monomer	3.6	0.87
		Homoocatmer	8.2	34.56
P0ACG1	StpA	Monomer	2.3	0.13
P0AFG3	SucA	Monomer	4.8	2.88
		Homodimer	6.3	9.8
P0AFG6	SucB	Monomer	3.4	0.67
P0A836	SucC	Monomer	3.3	0.61
		Heterotetramer ($SucC_2$-$SucD_2$)	5.4	4.88
P0AGE9	SucD	Monomer	2.9	0.36
		Heterotetramer ($SucC_2$-$SucD_2$)	5.4	4.88
P77667	SufA	Monomer	2.1	0.1
P77522	SufB	Monomer	3.7	0.96
P77499	SufC	Monomer	2.8	0.32
P77689	SufD	Monomer	3.5	0.74
		Homodimer	4.6	2.36
P76194	SufE	Monomer	2.3	0.13
		Homodimer	3.0	0.4
P26648	SufI	Monomer	3.6	0.88
P77444	SufS	Monomer	3.4	0.68
		Homodimer	4.5	2.16
P69937	SugE	Monomer	2	0.08
P0ADG4	SuhB	Monomer	2.9	0.35
P0AFZ5	SulA	Monomer	2.4	0.18
P75792	SupH	Monomer	2.9	0.37
P0ABZ6	SurA	Monomer	3.5	0.76
P0A840	SurE	Monomer	2.8	0.31
P75869	Sxy	Monomer	2.7	0.26

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0A8U0	Syd	Monomer	2.5	0.2
P39394	SymE	Monomer	2.1	0.09
P68398	TadA	Monomer	2.4	0.17
		Homodimer	3.2	0.52
P05100	Tag	Monomer	2.6	0.21
P0A867	TalA	Monomer	3.1	0.48
P0A870	TalB	Monomer	3.1	0.47
		Homodimer	4.1	1.46
P76145	Tam	Monomer	2.9	0.35
P07018	Tap	Monomer	3.8	1.04
P07017	Tar	Monomer	3.8	1.11
P0A9T4	Tas	Monomer	3.2	0.54
P69428	TatA	Monomer	1.9	0.06
P69425	TatB	Monomer	2.4	0.17
P69423	TatC	Monomer	2.9	0.34
P27859	TatD	Monomer	2.9	0.34
P0A843	TatE	Monomer	1.7	0.04
Q47537	TauA	Monomer	3.1	0.45
Q47538	TauB	Monomer	2.9	0.33
Q47539	TauC	Monomer	2.9	0.36
P37610	TauD	Monomer	3	0.41
		Homodimer	4.0	1.27
P0ACQ7	TdcA	Monomer	3.1	0.46
P0AGF6	TdcB	Monomer	3.1	0.47
		Homotetramer	5.4	4.8
P0AAD8	TdcC	Monomer	3.5	0.8
P11868	TdcD	Monomer	3.4	0.66
P42632	TdcE	Monomer	4.4	2.04
P0AGL2	TdcF	Monomer	2.2	0.11
P42630	TdcG	Monomer	3.5	0.79

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P11866	TdcR	Monomer	1.8	0.05
P07913	Tdh	Monomer	3.2	0.51
		Homotetramer	5.5	5.29
P23331	Tdk	Monomer	2.7	0.25
		Homotetramer	4.6	2.37
P25396	TehA	Monomer	3.1	0.48
P25397	TehB	Monomer	2.6	0.23
		Homodimer	3.4	0.7
P0ADA1	TesA	Monomer	2.7	0.25
P0AGG2	TesB	Monomer	3	0.4
		Homotetramer	5.2	4.04
P77712	TesC	Monomer	2.2	0.13
		Homotetramer	3.9	1.13
P77699	TfaD	Monomer	2.9	0.33
P09153	TfaE	Monomer	2.6	0.22
P76155	TfaQ	Monomer	2.6	0.21
P77163	TfaR	Monomer	2.6	0.21
P77326	TfaS	Monomer	2.1	0.1
P0A847	Tgt	Monomer	3.4	0.64
		Homodimer	4.4	2.01
P31550	ThiB	Monomer	3.2	0.49
P30136	ThiC	Monomer	4.1	1.47
		Homodimer	5.4	4.84
P76422	ThiD	Monomer	2.9	0.34
P30137	ThiE	Monomer	2.6	0.24
P30138	ThiF	Monomer	2.8	0.31
		Homodimer	3.7	0.94
P30139	ThiG	Monomer	2.8	0.31
		Homotetramer	4.8	3.0
		Heterodimer (ThiG-ThiH)	4.1	1.45

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P30140	ThiH	Monomer	3.4	0.66
		Heterodimer (ThiG-ThiH)	4.1	1.45
P77718	ThiI	Monomer	3.7	0.97
P75948	ThiK	Monomer	3	0.41
P0AGG0	ThiL	Monomer	3.1	0.47
P76423	ThiM	Monomer	2.8	0.31
P31549	ThiP	Monomer	3.8	1.1
P31548	ThiQ	Monomer	2.7	0.27
O32583	ThiS	Monomer	1.7	0.04
P00561	ThrA	Monomer	4.5	2.17
		Homotetramer	7.7	26.16
P00547	ThrB	Monomer	3.1	0.44
P00934	ThrC	Monomer	3.5	0.75
P0AD86	ThrL	Monomer	1	0.01
P0A8M3	ThrS	Monomer	4.2	1.58
		Homodimer	5.5	5.23
P0A884	ThyA	Monomer	2.9	0.37
		Homodimer	3.9	1.15
P0A850	Tig	Monomer	3.5	0.78
		Homodimer	4.6	2.48
P52097	TilS	Monomer	3.5	0.78
A5A627	TisB	Monomer	1.2	0.01
P27302	TktA	Monomer	4.1	1.52
P33570	TktB	Monomer	4.2	1.55
P0AGG8	TldD	Monomer	3.6	0.86
P76562	TmcA	Monomer	4.2	1.62
P0A720	Tmk	Monomer	2.7	0.25
		Homodimer	3.5	0.76
P0A853	TnaA	Monomer	3.7	0.9
		Homotetramer	6.3	9.88

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P23173	TnaB	Monomer	3.4	0.7
P0AD89	TnaL	Monomer	1.2	0.01
P19934	TolA	Monomer	3.4	0.65
P0A855	TolB	Monomer	3.5	0.72
P02930	TolC	Monomer	3.7	0.93
P0ABU9	TolQ	Monomer	2.8	0.28
P0ABV6	TolR	Monomer	2.3	0.13
P0AAR0	TomB	Monomer	2.2	0.12
P02929	TonB	Monomer	2.8	0.29
P06612	TopA	Monomer	4.6	2.52
P14294	TopB	Monomer	4.2	1.56
P33225	TorA	Monomer	4.6	2.4
P33226	TorC	Monomer	3.4	0.66
P36662	TorD	Monomer	2.6	0.23
Q2EES9	TorI	Monomer	1.7	0.05
P38684	TorR	Monomer	2.8	0.29
P39453	TorS	Monomer	4.7	2.69
P38683	TorT	Monomer	3.2	0.53
P52005	TorY	Monomer	3.3	0.58
P46923	TorZ	Monomer	4.5	2.16
P0A858	TpiA	Monomer	2.8	0.31
		Homodimer	3.7	0.94
P02338	Tpr	Monomer	1.3	0.01
P0A862	Tpx	Monomer	2.4	0.16
P0AFS5	TqsA	Monomer	3.2	0.52
P13482	TreA	Monomer	3.9	1.23
P36672	TreB	Monomer	3.6	0.86
P28904	TreC	Monomer	3.9	1.24
P62601	TreF	Monomer	3.9	1.23
P36673	TreR	Monomer	3.1	0.46

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	4.1	1.41
P05704	Trg	Monomer	3.8	1.08
P0AGI8	TrkA	Monomer	3.6	0.84
P23849	TrkG	Monomer	3.7	0.94
P0AFZ7	TrkH	Monomer	3.7	0.91
P23003	TrmA	Monomer	3.3	0.62
P0A8I5	TrmB	Monomer	2.8	0.31
P0A873	TrmD	Monomer	2.9	0.33
		Homodimer	3.8	1.02
P0AGJ2	TrmH	Monomer	2.7	0.28
P0AE01	TrmJ	Monomer	2.8	0.31
		Homodimer	3.7	0.94
P0AGJ7	TrmL	Monomer	2.4	0.16
		Homodimer	3.1	0.47
P0A877	TrpA	Monomer	2.9	0.34
P0A879	TrpB	Monomer	3.4	0.65
P00909	TrpC	Monomer	3.6	0.81
P00904	TrpD	Monomer	3.8	1.02
P00895	TrpE	Monomer	3.8	1.04
P77766	TrpH	Monomer	3	0.41
P0AD92	TrpL	Monomer	1	0.01
P0A881	TrpR	Monomer	2.1	0.09
		Homodimer	2.7	0.27
P00954	TrpS	Monomer	3.2	0.52
		Homodimer	4.2	1.62
P07649	TruA	Monomer	2.9	0.37
		Homodimer	3.9	1.14
P60340	TruB	Monomer	3.1	0.47
P0AA41	TruC	Monomer	2.9	0.36
Q57261	TruD	Monomer	3.3	0.56

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AA25	TrxA	Monomer	2	0.09
P0A9P4	TrxB	Monomer	3.1	0.46
		Homodimer	4.1	1.42
P0AGG4	TrxC	Monomer	2.3	0.13
P0A6P1	Tsf	Monomer	2.9	0.37
P60778	TsgA	Monomer	3.4	0.65
P02942	Tsr	Monomer	3.8	1.1
P0A927	Tsx	Monomer	3.1	0.44
P76055	TtcA	Monomer	3.1	0.48
P05847	TtdA	Monomer	3	0.42
		Heterotetramer ($TtdA_2$-$TtdB_2$)	4.9	3.15
P0AC35	TtdB	Monomer	2.6	0.23
		Heterotetramer ($TtdA_2$-$TtdB_2$)	4.9	3.15
P45463	TtdR	Monomer	3.1	0.47
P39414	TtdT	Monomer	3.7	0.91
P0CE47	TufA	Monomer	3.4	0.65
P0CE48	TufB	Monomer	3.4	0.66
P16525	Tus	Monomer	3.1	0.48
P0A890	TusA	Monomer	1.8	0.06
P45530	TusB	Monomer	2	0.07
		Heterohexamer ((TusB-TusC-TusD)$_2$)	4.2	1.61
P45531	TusC	Monomer	2.1	0.1
		Heterohexamer ((TusB-TusC-TusD)$_2$)	4.2	1.61
P45532	TusD	Monomer	2.2	0.11
		Heterohexamer ((TusB-TusC-TusD)$_2$)	4.2	1.61
P0AB18	TusE	Monomer	2.1	0.09
P46883	TynA	Monomer	4.4	1.98
P32132	TypA	Monomer	4	1.35
P07023	TyrA	Monomer	3.3	0.62
P04693	TyrB	Monomer	3.4	0.66

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	4.4	2.09
P0AAD4	TyrP	Monomer	3.4	0.64
P07604	TyrR	Monomer	3.8	1.05
		Homodimer	5.0	3.38
P0AGJ9	TyrS	Monomer	3.5	0.76
		Homodimer	4.6	2.42
P0AGK1	UbiA	Monomer	3	0.41
P0A6A0	UbiB	Monomer	3.9	1.22
P26602	UbiC	Monomer	2.4	0.18
P0AAB4	UbiD	Monomer	3.7	0.98
P0A887	UbiE	Monomer	2.9	0.33
P75728	UbiF	Monomer	3.4	0.65
P17993	UbiG	Monomer	2.8	0.3
		Homodimer	3.7	0.91
P25534	UbiH	Monomer	3.4	0.63
P0AG03	UbiX	Monomer	2.5	0.2
P37440	UcpA	Monomer	2.8	0.32
P0A8F4	Udk	Monomer	2.7	0.26
		Homotetramer	4.6	2.52
P12758	Udp	Monomer	2.8	0.31
		Homohexamer	5.7	6.2
P76373	Ugd	Monomer	3.4	0.66
P10905	UgpA	Monomer	3.1	0.43
P0AG80	UgpB	Monomer	3.5	0.79
P10907	UgpC	Monomer	3.3	0.57
P10906	UgpE	Monomer	3	0.39
P10908	UgpQ	Monomer	2.8	0.32
P0AGA6	UhpA	Monomer	2.5	0.21
P09835	UhpB	Monomer	3.7	1.01
P09836	UhpC	Monomer	3.5	0.78

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AGC0	UhpT	Monomer	3.6	0.84
P05804	UidA	Monomer	4	1.39
		Homotetramer	7.0	15.94
P0CE44	UidB	Monomer	3.6	0.82
Q47706	UidC	Monomer	3.5	0.74
P0ACT6	UidR	Monomer	2.6	0.22
P39301	UlaA	Monomer	3.6	0.85
P69822	UlaB	Monomer	2	0.08
P69820	UlaC	Monomer	2.4	0.15
P39304	UlaD	Monomer	2.7	0.25
		Homodimer	3.5	0.75
P39305	UlaE	Monomer	3	0.4
P39306	UlaF	Monomer	2.7	0.28
P39300	UlaG	Monomer	3.3	0.58
P0A9W0	UlaR	Monomer	2.8	0.32
P04152	UmuC	Monomer	3.5	0.77
P0AG11	UmuD	Monomer	2.2	0.13
P12295	Ung	Monomer	2.8	0.29
A8DYP9	Uof	Monomer	1.2	0.01
P0A8F0	Upp	Monomer	2.6	0.23
		Homodimer	3.4	0.7
P60932	UppP	Monomer	2.9	0.36
P60472	UppS	Monomer	2.9	0.33
		Homodimer	3.8	1.02
P0AGM7	UraA	Monomer	3.4	0.7
P08390	Usg	Monomer	3.2	0.49
P07024	UshA	Monomer	3.9	1.14
P0AED0	UspA	Monomer	2.3	0.14
		Homodimer	3.0	0.41
P0A8S5	UspB	Monomer	2.1	0.1

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P46888	UspC	Monomer	2.3	0.13
P0AAB8	UspD	Monomer	2.3	0.14
P0AAC0	UspE	Monomer	3.1	0.48
P37903	UspF	Monomer	2.3	0.14
		Homodimer	3.0	0.4
P39177	UspG	Monomer	2.3	0.14
P43672	Uup	Monomer	4.1	1.52
P0A698	UvrA	Monomer	4.8	2.82
		Heterotetramer ($UvrA_2$-$UvrB_2$)	7.8	26.68
P0A8F8	UvrB	Monomer	4.2	1.66
		Heterotetramer ($UvrA_2$-$UvrB_2$)	7.8	26.68
P0A8G0	UvrC	Monomer	4	1.38
P03018	UvrD	Monomer	4.3	1.88
P0AED5	UvrY	Monomer	2.7	0.25
P42604	UxaA	Monomer	3.7	0.94
P0A6L7	UxaB	Monomer	3.7	0.96
P0A8G3	UxaC	Monomer	3.7	0.94
P24215	UxuA	Monomer	3.4	0.69
P39160	UxuB	Monomer	3.7	0.93
P39161	UxuR	Monomer	2.9	0.35
P07118	ValS	Monomer	4.8	3.02
P76214	Ves	Monomer	2.6	0.22
P0ADN0	ViaA	Monomer	3.7	0.99
P25535	VisC	Monomer	3.4	0.68
P09184	Vsr	Monomer	2.4	0.16
P0AC75	WaaA	Monomer	3.5	0.76
P27242	WaaU	Monomer	3.3	0.62
P37750	WbbJ	Monomer	2.6	0.22
P36667	WbbL	Monomer	3	0.38
P77414	WcaA	Monomer	3	0.42

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0ACC9	WcaB	Monomer	2.4	0.16
P71237	WcaC	Monomer	3.4	0.7
P71238	WcaD	Monomer	3.4	0.71
P71239	WcaE	Monomer	2.8	0.32
P0ACD2	WcaF	Monomer	2.5	0.19
P32057	WcaI	Monomer	3.4	0.69
P71241	WcaJ	Monomer	3.6	0.89
P71242	WcaK	Monomer	3.5	0.76
P71243	WcaL	Monomer	3.4	0.71
P71244	WcaM	Monomer	3.6	0.86
P0AC78	WecA	Monomer	3.3	0.6
P27828	WecB	Monomer	3.4	0.63
		Homodimer	4.4	1.98
P27829	WecC	Monomer	3.5	0.72
P56258	WecF	Monomer	3.3	0.59
P27836	WecG	Monomer	2.8	0.33
P0A8G6	WrbA	Monomer	2.5	0.21
		Homodimer	3.3	0.62
P0A930	Wza	Monomer	3.3	0.62
P0AAB2	Wzb	Monomer	2.3	0.15
P76387	Wzc	Monomer	4.3	1.78
P77377	WzxC	Monomer	3.7	0.93
P0AAA7	WzxE	Monomer	3.4	0.7
P27835	WzyE	Monomer	3.6	0.87
P76372	WzzB	Monomer	3.2	0.5
P0AG00	WzzE	Monomer	3.3	0.56
P0AGM9	XanP	Monomer	3.5	0.8
P67444	XanQ	Monomer	3.6	0.8
P45563	XapA	Monomer	2.9	0.36
P45562	XapB	Monomer	3.5	0.73

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P23841	XapR	Monomer	3.1	0.44
Q46799	XdhA	Monomer	4.3	1.86
		Heterotrimer (XdhA-XdhB-XdhC)	5.2	4.15
Q46800	XdhB	Monomer	3	0.39
		Heterotrimer (XdhA-XdhB-XdhC)	5.2	4.15
Q46801	XdhC	Monomer	2.3	0.15
		Heterotrimer (XdhA-XdhB-XdhC)	5.2	4.15
Q46814	XdhD	Monomer	4.8	2.8
P0A8P6	XerC	Monomer	3.1	0.44
		Heterotetramer ($XerC_2$-$XerD_2$)	5.3	4.52
P0A8P8	XerD	Monomer	3.1	0.45
		Heterotetramer ($XerC_2$-$XerD_2$)	5.3	4.52
P75970	XisE	Monomer	1.9	0.06
P04994	XseA	Monomer	3.6	0.88
		Heterooligomer ((XseA-$XseB_4$)$_2$)	5.9	7.07
P0A8G9	XseB	Monomer	1.8	0.06
		Heterooligomer ((XseA-$XseB_4$)$_2$)	5.9	7.07
P09030	XthA	Monomer	3	0.38
P00944	XylA	Monomer	3.6	0.82
		Homotetramer	6.2	8.88
P09099	XylB	Monomer	3.7	0.9
P0AGF4	XylE	Monomer	3.7	0.93
P37387	XylF	Monomer	3.1	0.48
P37388	XylG	Monomer	3.8	1.01
P0AGI4	XylH	Monomer	3.3	0.6
P0ACI3	XylR	Monomer	3.4	0.69
P0A8I3	YaaA	Monomer	2.9	0.36
P0AC98	YaaH	Monomer	2.5	0.19
P28696	YaaI	Monomer	2.2	0.12
P30143	YaaJ	Monomer	3.6	0.87

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P31679	YaaU	Monomer	3.5	0.79
P75617	YaaW	Monomer	2.8	0.3
P75616	YaaX	Monomer	2	0.08
P75620	YaaY	Monomer	1.7	0.05
P30149	YabI	Monomer	2.9	0.33
P39220	YabP	Monomer	2.7	0.27
P39221	YabQ	Monomer	1.5	0.03
P0AA95	YacC	Monomer	2.1	0.1
P36680	YacF	Monomer	2.9	0.33
P0A8H8	YacG	Monomer	1.7	0.04
P36682	YacH	Monomer	4.1	1.42
P0A8E5	YacL	Monomer	2.2	0.11
P31058	YadC	Monomer	3.4	0.69
P31665	YadD	Monomer	3.1	0.46
P31666	YadE	Monomer	3.5	0.73
P36879	YadG	Monomer	3.1	0.46
P0AFN6	YadH	Monomer	2.9	0.34
P36881	YadI	Monomer	2.3	0.14
P37016	YadK	Monomer	2.6	0.21
P37017	YadL	Monomer	2.5	0.21
P37018	YadM	Monomer	2.5	0.2
P37050	YadN	Monomer	2.5	0.19
P0AFP0	YadS	Monomer	2.6	0.23
P28634	YaeB	Monomer	2.8	0.3
P37056	YaeF	Monomer	2.9	0.36
P62768	YaeH	Monomer	2.2	0.13
P37049	YaeI	Monomer	2.9	0.36
P40711	YaeJ	Monomer	2.3	0.13
P0A8K5	YaeP	Monomer	1.7	0.04
P0AA97	YaeQ	Monomer	2.5	0.21

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P52096	YaeR	Monomer	2.2	0.12
P0A940	YaeT	Monomer	4.5	2.23
P30864	YafC	Monomer	3.1	0.44
P0A8U2	YafD	Monomer	2.9	0.36
P30866	YafE	Monomer	2.6	0.24
Q2EEP9	YafF	Monomer	1.7	0.04
Q47147	YafJ	Monomer	2.9	0.34
P0AA99	YafK	Monomer	2.9	0.33
Q47151	YafL	Monomer	2.9	0.34
Q47152	YafM	Monomer	2.5	0.19
Q47156	YafN	Monomer	2	0.08
Q47157	YafO	Monomer	2.3	0.13
Q47158	YafP	Monomer	2.4	0.16
Q47149	YafQ	Monomer	2	0.08
		Heterodimer (DinJ-YafQ)	2.5	0.2
P75672	YafS	Monomer	2.8	0.31
P77339	YafT	Monomer	2.9	0.36
P77354	YafU	Monomer	2.1	0.09
Q47679	YafV	Monomer	2.9	0.34
Q47684	YafW	Monomer	2	0.09
P75676	YafX	Monomer	2.4	0.16
P77365	YafY	Monomer	2.3	0.15
P77206	YafZ	Monomer	3	0.38
P37007	YagA	Monomer	3.4	0.67
P37008	YagB	Monomer	2.1	0.1
P75682	YagE	Monomer	3.1	0.43
P77596	YagF	Monomer	4.1	1.42
P75683	YagG	Monomer	3.6	0.84
P77713	YagH	Monomer	3.9	1.14
P77300	YagI	Monomer	2.8	0.32

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P77169	YagJ	Monomer	2.8	0.32
P77657	YagK	Monomer	2.7	0.26
P77607	YagL	Monomer	2.8	0.31
P71296	YagM	Monomer	3	0.42
P71297	YagN	Monomer	2.3	0.13
P75684	YagP	Monomer	2.3	0.13
P77183	YagQ	Monomer	3.1	0.46
P77489	YagR	Monomer	4.3	1.73
		Heterotrimer (YagR-YagS-YagT)	5.3	4.52
P77324	YagS	Monomer	3.1	0.44
		Heterotrimer (YagR-YagS-YagT)	5.3	4.52
P77165	YagT	Monomer	2.7	0.26
		Heterotrimer (YagR-YagS-YagT)	5.3	4.52
P0AAA1	YagU	Monomer	2.6	0.24
P77263	YagV	Monomer	2.8	0.3
P77694	YagW	Monomer	3.8	1.12
P77802	YagX	Monomer	4.5	2.26
P21514	YahA	Monomer	3.3	0.59
P77700	YahB	Monomer	3.1	0.46
P77219	YahC	Monomer	2.4	0.15
P77736	YahD	Monomer	2.6	0.22
P77297	YahE	Monomer	3	0.41
P77187	YahF	Monomer	3.7	0.98
P77221	YahG	Monomer	3.6	0.84
Q2EEQ3	YahH	Monomer	2	0.07
P77624	YahI	Monomer	3.1	0.44
P77554	YahJ	Monomer	3.6	0.84
P75691	YahK	Monomer	3.2	0.53
P77393	YahL	Monomer	3	0.4
P75692	YahM	Monomer	1.8	0.06

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P75693	YahN	Monomer	2.7	0.27
P75694	YahO	Monomer	1.9	0.07
P0AAN5	YaiA	Monomer	1.7	0.04
P0C037	YaiE	Monomer	1.9	0.07
P0A8D3	YaiI	Monomer	2.3	0.15
P51024	YaiL	Monomer	2.5	0.19
Q47534	YaiO	Monomer	2.9	0.35
Q47536	YaiP	Monomer	3.4	0.69
P71311	YaiS	Monomer	2.5	0.2
P77199	YaiT	Monomer	4.8	2.86
P0AAP5	YaiV	Monomer	2.7	0.26
P77562	YaiW	Monomer	3.3	0.59
P75697	YaiX	Monomer	2.7	0.27
P0AAP7	YaiY	Monomer	2	0.08
P0AAQ0	YaiZ	Monomer	1.8	0.05
P0ADZ7	YajC	Monomer	2	0.09
P0AAQ2	YajD	Monomer	2.1	0.1
P0ADA5	YajG	Monomer	2.5	0.21
P46122	YajI	Monomer	2.5	0.19
Q46948	YajL	Monomer	2.5	0.2
		Homodimer	3.3	0.61
P77735	YajO	Monomer	3.2	0.5
P0A8E7	YajQ	Monomer	2.4	0.17
P77726	YajR	Monomer	3.5	0.8
P0AAQ6	YbaA	Monomer	2.1	0.1
P0A8B5	YbaB	Monomer	2	0.09
		Homodimer	2.7	0.26
P46890	YbaE	Monomer	4	1.28
P0AAR3	YbaK	Monomer	2.4	0.15
P39830	YbaL	Monomer	3.8	1.1

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P45807	YbaM	Monomer	1.6	0.03
P0AAR5	YbaN	Monomer	2.2	0.12
P0ACJ5	YbaO	Monomer	2.4	0.16
P77301	YbaP	Monomer	2.9	0.36
P0A9T6	YbaQ	Monomer	2.1	0.1
P77400	YbaT	Monomer	3.5	0.71
P0AAR8	YbaV	Monomer	2.1	0.1
P77717	YbaY	Monomer	2.5	0.18
P0AFP2	YbaZ	Monomer	2.2	0.12
P0A9T8	YbbA	Monomer	2.7	0.27
P33668	YbbC	Monomer	2.2	0.11
P33669	YbbD	Monomer	1.9	0.07
P0AAS3	YbbJ	Monomer	2.3	0.15
P77279	YbbL	Monomer	2.7	0.28
P77307	YbbM	Monomer	2.9	0.33
P77395	YbbN	Monomer	3	0.4
P0AFP4	YbbO	Monomer	2.9	0.35
P77504	YbbP	Monomer	4.5	2.18
P75711	YbbV	Monomer	2	0.08
P75712	YbbW	Monomer	3.6	0.89
P77328	YbbY	Monomer	3.5	0.75
P75717	YbcC	Monomer	1.9	0.07
P77528	YbcD	Monomer	1.8	0.05
P37325	YbcH	Monomer	3	0.42
P45570	YbcI	Monomer	2.5	0.19
P0AAS7	YbcJ	Monomer	1.7	0.04
P77698	YbcK	Monomer	3.8	1.04
P77368	YbcL	Monomer	2.5	0.19
P77634	YbcM	Monomer	3	0.38
Q47269	YbcN	Monomer	2.4	0.16

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P68661	YbcO	Monomer	1.9	0.07
P77598	YbcV	Monomer	2.3	0.14
P64435	YbcW	Monomer	1.7	0.05
P77460	YbcY	Monomer	2.6	0.21
P0A8Y8	YbdB	Monomer	2.2	0.12
P0AAS9	YbdD	Monomer	1.7	0.04
P0AAT2	YbdF	Monomer	2.2	0.11
P45579	YbdH	Monomer	3.3	0.56
P77506	YbdJ	Monomer	1.9	0.06
P77213	YbdK	Monomer	3.3	0.62
		Homodimer	4.4	1.94
P77806	YbdL	Monomer	3.4	0.65
		Homodimer	4.4	2.04
P77174	YbdM	Monomer	2.7	0.26
P77216	YbdN	Monomer	3.5	0.77
P77746	YbdO	Monomer	3.1	0.45
P77316	YbdR	Monomer	3.4	0.68
P18393	YbdZ	Monomer	1.8	0.05
P0AAT6	YbeB	Monomer	2	0.08
P0A8J4	YbeD	Monomer	1.9	0.07
P30979	YbeF	Monomer	3.1	0.49
P0AAT9	YbeL	Monomer	2.4	0.18
P39874	YbeM	Monomer	2.9	0.34
P77234	YbeQ	Monomer	3.2	0.51
P77627	YbeR	Monomer	2.8	0.32
P77296	YbeT	Monomer	2.5	0.21
P77427	YbeU	Monomer	2.8	0.31
P0A898	YbeY	Monomer	2.4	0.16
P0A9K3	YbeZ	Monomer	3.2	0.55
P0AAU2	YbfA	Monomer	1.8	0.05

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AAU5	YbfB	Monomer	2.1	0.1
P28915	YbfC	Monomer	2.6	0.22
P28916	YbfD	Monomer	2.9	0.34
P0AAU7	YbfE	Monomer	2	0.08
P75736	YbfF	Monomer	2.9	0.33
P37003	YbfG	Monomer	2.7	0.27
P39901	YbfI	Monomer	1.7	0.05
P46121	YbfK	Monomer	1.9	0.06
P75741	YbfL	Monomer	3.4	0.65
P75733	YbfM	Monomer	3.7	0.9
P75734	YbfN	Monomer	2	0.09
P77779	YbfO	Monomer	3.7	0.97
P75737	YbfP	Monomer	2.4	0.17
Q2EEQ8	YbfQ	Monomer	1.9	0.06
P24252	YbgA	Monomer	2.5	0.2
P0A8Z3	YbgC	Monomer	2.3	0.13
P37909	YbgD	Monomer	2.5	0.19
P0AAV0	YbgE	Monomer	2	0.08
P45955	YbgF	Monomer	2.9	0.33
P0AFP6	YbgI	Monomer	2.8	0.31
		Homohexamer	5.7	6.09
P0AAV4	YbgJ	Monomer	2.7	0.26
P75745	YbgK	Monomer	3.1	0.45
P75746	YbgL	Monomer	2.8	0.29
P75748	YbgO	Monomer	3.3	0.57
P75749	YbgP	Monomer	2.8	0.31
P75750	YbgQ	Monomer	4.5	2.21
P0AAV6	YbgS	Monomer	2.1	0.1
P56100	YbgT	Monomer	1.3	0.02
P21829	YbhA	Monomer	2.9	0.37

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P12994	YbhB	Monomer	2.3	0.15
		Homodimer	3.1	0.45
P46130	YbhC	Monomer	3.5	0.72
P52696	YbhD	Monomer	3.1	0.49
P0A9U1	YbhF	Monomer	3.9	1.21
P75777	YbhG	Monomer	3.2	0.5
P0AAV8	YbhH	Monomer	3.2	0.51
P75763	YbhI	Monomer	3.6	0.86
P75764	YbhJ	Monomer	4.3	1.86
P75767	YbhK	Monomer	3	0.42
P0AAC4	YbhL	Monomer	2.8	0.29
P75769	YbhM	Monomer	2.8	0.29
P75770	YbhN	Monomer	3.1	0.48
P0AA84	YbhO	Monomer	3.5	0.76
P0AAW1	YbhP	Monomer	2.9	0.34
P0AAW5	YbhQ	Monomer	2.3	0.13
P0AFP9	YbhR	Monomer	3.3	0.61
P0AFQ2	YbhS	Monomer	3.3	0.62
P0AAW9	YbhT	Monomer	1.5	0.03
P30176	YbiA	Monomer	2.4	0.17
P30177	YbiB	Monomer	3.1	0.47
P30178	YbiC	Monomer	3.2	0.55
P0ACU0	YbiH	Monomer	2.7	0.27
P41039	YbiI	Monomer	1.9	0.07
P0AAX3	YbiJ	Monomer	1.8	0.05
P75783	YbiO	Monomer	4.3	1.88
P75785	YbiP	Monomer	3.8	1.11
P75788	YbiR	Monomer	3.3	0.6
P0AAX8	YbiS	Monomer	3.1	0.43
P0A9U3	YbiT	Monomer	3.8	1.11

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P75791	YbiU	Monomer	3.5	0.76
P75793	YbiW	Monomer	4.5	2.21
P75779	YbiX	Monomer	2.8	0.28
P75794	YbiY	Monomer	3	0.42
P46119	YbjC	Monomer	1.9	0.07
P75828	YbjD	Monomer	3.9	1.23
P75826	YbjE	Monomer	3	0.41
P75806	YbjG	Monomer	2.6	0.23
P0AAY4	YbjH	Monomer	1.9	0.07
P75809	YbjI	Monomer	2.9	0.37
P75810	YbjJ	Monomer	3.3	0.62
P75811	YbjK	Monomer	2.5	0.2
P60869	YbjL	Monomer	3.9	1.13
P64439	YbjM	Monomer	2.2	0.11
P0AAY6	YbjN	Monomer	2.4	0.16
P0AAZ0	YbjO	Monomer	2.4	0.17
P75818	YbjP	Monomer	2.4	0.18
P0A8C1	YbjQ	Monomer	2	0.08
P75821	YbjS	Monomer	3.2	0.53
P75822	YbjT	Monomer	3.7	0.93
P75829	YbjX	Monomer	3.2	0.54
P21367	YcaC	Monomer	2.6	0.24
		Homoocatmer	6.0	7.77
P21503	YcaD	Monomer	3.3	0.61
P37443	YcaI	Monomer	4.4	1.98
P43340	YcaK	Monomer	2.6	0.24
P43674	YcaL	Monomer	2.8	0.3
P75835	YcaM	Monomer	3.6	0.9
P75836	YcaN	Monomer	3.1	0.45
P75838	YcaO	Monomer	4	1.3

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P75839	YcaP	Monomer	2.8	0.3
P75843	YcaQ	Monomer	3.5	0.76
P0AAZ7	YcaR	Monomer	1.6	0.04
P22525	YcbB	Monomer	4	1.37
P0AB01	YcbC	Monomer	2.9	0.34
P40876	YcbF	Monomer	2.8	0.29
P0A8N0	YcbG	Monomer	2.4	0.16
P0AB03	YcbJ	Monomer	3.1	0.45
P0AB06	YcbK	Monomer	2.5	0.2
P75849	YcbL	Monomer	2.7	0.25
P75855	YcbQ	Monomer	2.4	0.17
P75856	YcbR	Monomer	2.7	0.28
P75857	YcbS	Monomer	4.6	2.43
P75858	YcbT	Monomer	3.2	0.53
P75859	YcbU	Monomer	2.4	0.18
P75860	YcbV	Monomer	2.4	0.17
P75862	YcbW	Monomer	2.5	0.2
P75863	YcbX	Monomer	3.3	0.59
P75867	YcbZ	Monomer	4	1.3
P0AAC6	YccA	Monomer	2.7	0.25
P24244	YccB	Monomer	1.3	0.02
P36661	YccE	Monomer	3.5	0.78
P0AB12	YccF	Monomer	2.3	0.14
P0AB14	YccJ	Monomer	1.8	0.05
P52636	YccM	Monomer	3.3	0.58
P75870	YccS	Monomer	4.3	1.87
P0A8X4	YccT	Monomer	2.7	0.27
P75874	YccU	Monomer	2.2	0.12
P0AB65	YccX	Monomer	1.9	0.07
P31545	YcdB	Monomer	3.5	0.74

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AB24	YcdO	Monomer	3.3	0.6
P75908	YcdT	Monomer	3.6	0.88
P75910	YcdU	Monomer	3.2	0.55
P75914	YcdX	Monomer	2.8	0.31
		Homotrimer	4.3	1.83
P75915	YcdY	Monomer	2.5	0.2
P75916	YcdZ	Monomer	2.3	0.15
P24188	YceA	Monomer	3.3	0.57
P0AB26	YceB	Monomer	2.5	0.2
P0AB28	YceD	Monomer	2.5	0.18
P0A729	YceF	Monomer	2.6	0.22
P28306	YceG	Monomer	3.2	0.54
P29217	YceH	Monomer	2.7	0.26
P0A8X2	YceI	Monomer	2.5	0.21
P75925	YceJ	Monomer	2.5	0.2
P0AB31	YceK	Monomer	1.8	0.05
P64442	YceO	Monomer	1.5	0.03
P62066	YceQ	Monomer	2.1	0.09
P27431	YcfD	Monomer	3.4	0.64
P0AFQ7	YcfH	Monomer	2.9	0.36
P0AB35	YcfJ	Monomer	2.4	0.18
P45581	YcfK	Monomer	2.6	0.22
P75946	YcfL	Monomer	2.2	0.11
P0A8E1	YcfP	Monomer	2.6	0.21
P75952	YcfQ	Monomer	2.7	0.25
P75954	YcfS	Monomer	3.1	0.46
P75955	YcfT	Monomer	3.3	0.6
P75961	YcfZ	Monomer	2.9	0.34
P29013	YcgB	Monomer	3.9	1.14
P75989	YcgE	Monomer	2.9	0.33

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P75990	YcgF	Monomer	3.4	0.7
P75995	YcgG	Monomer	3.8	1.02
P76000	YcgI	Monomer	2.3	0.14
P76001	YcgJ	Monomer	2.1	0.1
P76002	YcgK	Monomer	2.2	0.12
P0AB43	YcgL	Monomer	2	0.08
P76004	YcgM	Monomer	2.7	0.25
P0A8L5	YcgN	Monomer	2.4	0.16
P76010	YcgR	Monomer	2.8	0.32
P76017	YcgV	Monomer	4.7	2.63
P75988	YcgX	Monomer	2.3	0.13
P76012	YcgY	Monomer	2.3	0.15
P75991	YcgZ	Monomer	1.8	0.06
P25743	YchE	Monomer	2.7	0.25
P30192	YchG	Monomer	3.1	0.44
P0AB49	YchH	Monomer	1.9	0.07
P37052	YchJ	Monomer	2.3	0.15
P0AFR2	YchM	Monomer	3.8	1.1
P0AB52	YchN	Monomer	2.1	0.1
		Homohexamer	4.2	1.66
P39165	YchO	Monomer	3.6	0.88
P76023	YchS	Monomer	1.9	0.06
P0A8Z0	YciA	Monomer	2.2	0.11
P21365	YciC	Monomer	2.8	0.3
P21363	YciE	Monomer	2.4	0.18
P21362	YciF	Monomer	2.4	0.17
		Homodimer	3.2	0.51
P21361	YciG	Monomer	1.6	0.03
P08245	YciH	Monomer	2	0.08
P0AB55	YciI	Monomer	1.9	0.07

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	2.6	0.21
P31808	YciK	Monomer	2.8	0.33
P0AB58	YciM	Monomer	3.4	0.69
P0AB61	YciN	Monomer	1.9	0.06
P0AFR4	YciO	Monomer	2.6	0.24
P45848	YciQ	Monomer	4.1	1.49
P0ACV4	YciS	Monomer	2	0.08
P76034	YciT	Monomer	2.8	0.32
P0A8L7	YciU	Monomer	2.1	0.1
P76035	YciW	Monomer	3.3	0.63
P58094	YciX	Monomer	1.6	0.03
A5A613	YciY	Monomer	1.7	0.04
A5A614	YciZ	Monomer	1.6	0.04
P45736	YcjD	Monomer	2.2	0.11
P0A8R7	YcjF	Monomer	3.3	0.56
P51981	YcjG	Monomer	3.1	0.46
P76041	YcjM	Monomer	3.9	1.25
P76042	YcjN	Monomer	3.5	0.74
P0AFR7	YcjO	Monomer	3	0.43
P77716	YcjP	Monomer	3	0.39
P76043	YcjQ	Monomer	3.2	0.54
P76044	YcjR	Monomer	2.9	0.36
P77503	YcjS	Monomer	3.2	0.55
P77154	YcjT	Monomer	4.4	2.0
P77366	YcjU	Monomer	2.7	0.25
P77481	YcjV	Monomer	3.3	0.58
P77615	YcjW	Monomer	3.2	0.49
P76046	YcjX	Monomer	3.7	0.9
P76049	YcjY	Monomer	3.1	0.44
P77333	YcjZ	Monomer	3.1	0.43

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33230	YdaC	Monomer	1.7	0.05
P38394	YdaE	Monomer	1.6	0.04
P0ACW0	YdaF	Monomer	1.5	0.03
P76061	YdaG	Monomer	1.5	0.03
P76053	YdaL	Monomer	2.6	0.22
P77302	YdaM	Monomer	3.5	0.73
		Homodimer	4.6	2.33
P76057	YdaQ	Monomer	1.8	0.05
P76063	YdaS	Monomer	2	0.08
P76064	YdaT	Monomer	2.3	0.13
P76065	YdaU	Monomer	3	0.41
P77546	YdaV	Monomer	2.9	0.33
P76066	YdaW	Monomer	2.6	0.23
P76069	YdaY	Monomer	2.1	0.11
P33666	YdbA	Monomer	6.2	9.45
P25906	YdbC	Monomer	3	0.38
P25907	YdbD	Monomer	4.4	2.07
P52645	YdbH	Monomer	4.6	2.5
P0ACW2	YdbJ	Monomer	1.8	0.05
P52647	YdbK	Monomer	5.2	4.1
P76076	YdbL	Monomer	2	0.09
P0ACW4	YdcA	Monomer	1.5	0.03
P28917	YdcC	Monomer	3.4	0.65
P31991	YdcD	Monomer	2.4	0.18
P34209	YdcF	Monomer	2.9	0.36
P0ACW6	YdcH	Monomer	1.8	0.06
P77171	YdcI	Monomer	3.1	0.43
P76097	YdcJ	Monomer	3.6	0.86
P76100	YdcK	Monomer	3.1	0.48
P64451	YdcL	Monomer	2.7	0.26

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P77626	YdcN	Monomer	2.5	0.19
P76103	YdcO	Monomer	3.3	0.59
P76104	YdcP	Monomer	4.1	1.54
P77730	YdcR	Monomer	3.7	0.9
P76108	YdcS	Monomer	3.4	0.63
P77795	YdcT	Monomer	3.2	0.51
P77156	YdcU	Monomer	3.1	0.45
P0AFR9	YdcV	Monomer	2.9	0.34
P64453	YdcX	Monomer	1.6	0.04
P64455	YdcY	Monomer	1.8	0.06
P76111	YdcZ	Monomer	2.3	0.14
P31826	YddA	Monomer	4	1.27
P31827	YddB	Monomer	4.5	2.18
P37757	YddE	Monomer	3	0.41
		Homodimer	4.0	1.26
P46136	YddG	Monomer	3	0.39
P76121	YddH	Monomer	2.5	0.21
P76122	YddJ	Monomer	2.1	0.1
P76123	YddK	Monomer	3.2	0.49
P77519	YddL	Monomer	2	0.08
P67699	YddM	Monomer	1.9	0.07
P64426	YddW	Monomer	3.6	0.82
P31126	YdeE	Monomer	3.4	0.64
P31129	YdeH	Monomer	3.1	0.44
		Homodimer	4.0	1.37
P31130	YdeI	Monomer	2.2	0.11
P31131	YdeJ	Monomer	2.4	0.17
P32051	YdeK	Monomer	5.3	4.53
P76134	YdeM	Monomer	3.4	0.68
P77318	YdeN	Monomer	3.9	1.2

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P76135	YdeO	Monomer	2.9	0.34
P77561	YdeP	Monomer	4.4	1.94
P77588	YdeQ	Monomer	3	0.4
P77294	YdeR	Monomer	2.4	0.17
P77789	YdeS	Monomer	2.4	0.18
P76137	YdeT	Monomer	3.3	0.61
P77286	YdeU	Monomer	3.6	0.84
P0ACW8	YdfA	Monomer	1.5	0.03
P29009	YdfB	Monomer	1.4	0.02
P21418	YdfC	Monomer	1.8	0.05
P29010	YdfD	Monomer	1.6	0.04
Q47138	YdfE	Monomer	2.9	0.35
P39831	YdfG	Monomer	2.8	0.31
		Homotetramer	4.9	3.06
P0ACM2	YdfH	Monomer	2.8	0.3
P77260	YdfI	Monomer	3.7	0.93
P77228	YdfJ	Monomer	3.5	0.73
P76154	YdfK	Monomer	1.9	0.07
P76156	YdfO	Monomer	2.3	0.14
P76160	YdfR	Monomer	2.1	0.09
P76162	YdfU	Monomer	3.3	0.56
P76163	YdfV	Monomer	2	0.08
P76164	YdfW	Monomer	1.8	0.06
P76165	YdfX	Monomer	2	0.08
P64463	YdfZ	Monomer	1.7	0.04
P77804	YdgA	Monomer	3.7	0.96
P0ACX0	YdgC	Monomer	2.1	0.09
P76176	YdgD	Monomer	2.9	0.35
P76177	YdgH	Monomer	3.1	0.44
P0AAE5	YdgI	Monomer	3.6	0.81

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P77376	YdgJ	Monomer	3.2	0.54
P76180	YdgK	Monomer	2.3	0.14
A5A617	YdgU	Monomer	1.2	0.01
P0ACR2	YdhB	Monomer	3.1	0.47
P37597	YdhC	Monomer	3.4	0.66
P76187	YdhF	Monomer	3.1	0.44
P64471	YdhI	Monomer	1.8	0.06
P76185	YdhJ	Monomer	3	0.39
P76186	YdhK	Monomer	4.2	1.63
P64474	YdhL	Monomer	1.9	0.06
P76190	YdhO	Monomer	2.9	0.36
P77389	YdhP	Monomer	3.3	0.58
P77552	YdhQ	Monomer	3.4	0.64
P0ACX3	YdhR	Monomer	2	0.08
		Homodimer	2.6	0.23
P77148	YdhS	Monomer	3.9	1.14
P77147	YdhT	Monomer	2.9	0.35
P77409	YdhU	Monomer	2.9	0.36
P76192	YdhV	Monomer	4.3	1.73
P77564	YdhW	Monomer	2.7	0.26
P77375	YdhX	Monomer	2.7	0.27
P0AAL6	YdhY	Monomer	2.6	0.23
P0ACX5	YdhZ	Monomer	1.7	0.05
P0A8A4	YdiA	Monomer	3	0.39
P0A6D5	YdiB	Monomer	3	0.39
		Homodimer	3.9	1.19
P0ACX9	YdiE	Monomer	1.7	0.04
P37766	YdiF	Monomer	3.8	1.04
P64476	YdiH	Monomer	1.7	0.04
P77781	YdiI	Monomer	2.2	0.12

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	2.9	0.36
P77748	YdiJ	Monomer	4.9	3.27
P0AFS7	YdiK	Monomer	3.3	0.57
P76196	YdiL	Monomer	2.2	0.11
P76197	YdiM	Monomer	3.4	0.69
P76198	YdiN	Monomer	3.5	0.72
P0A9U8	YdiO	Monomer	3.4	0.65
P77402	YdiP	Monomer	3.1	0.46
P76201	YdiQ	Monomer	2.8	0.32
		Heterodimer (YdiQ-YdiR)	3.9	1.16
P77378	YdiR	Monomer	3.1	0.44
		Heterodimer (YdiQ-YdiR)	3.9	1.16
P77337	YdiS	Monomer	3.5	0.72
P77714	YdiT	Monomer	2	0.08
P77649	YdiU	Monomer	3.7	0.95
P76204	YdiV	Monomer	2.8	0.31
P76206	YdiY	Monomer	2.8	0.32
P64479	YdiZ	Monomer	2	0.08
P0ACY1	YdjA	Monomer	2.5	0.19
		Homodimer	3.3	0.58
P38055	YdjE	Monomer	3.6	0.84
P77721	YdjF	Monomer	2.9	0.33
P77256	YdjG	Monomer	3.2	0.49
P77493	YdjH	Monomer	3.1	0.45
P77704	YdjI	Monomer	3	0.38
P77280	YdjJ	Monomer	3.2	0.52
P76230	YdjK	Monomer	3.6	0.82
P77539	YdjL	Monomer	3.2	0.55
P64481	YdjM	Monomer	2.6	0.23
P77529	YdjN	Monomer	3.5	0.79

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P76210	YdjO	Monomer	2.9	0.37
P76219	YdjX	Monomer	2.8	0.29
P76220	YdjY	Monomer	2.7	0.26
P76221	YdjZ	Monomer	2.8	0.29
P76231	YeaC	Monomer	1.9	0.07
P39173	YeaD	Monomer	3	0.42
P76234	YeaE	Monomer	3	0.38
P0ACY3	YeaG	Monomer	4.2	1.6
P76235	YeaH	Monomer	3.6	0.81
P76236	YeaI	Monomer	3.7	1.0
P76237	YeaJ	Monomer	3.8	1.01
P64483	YeaK	Monomer	2.4	0.16
P0ACY6	YeaL	Monomer	2.2	0.13
P76241	YeaM	Monomer	3	0.37
P76242	YeaN	Monomer	3.3	0.6
P76243	YeaO	Monomer	2.1	0.1
P76245	YeaP	Monomer	3.2	0.54
		Homodimer	4.2	1.7
P64485	YeaQ	Monomer	1.8	0.05
P64488	YeaR	Monomer	2.1	0.11
P0ABD1	YeaV	Monomer	3.7	0.91
P0ABR7	YeaW	Monomer	3.4	0.64
		Heterodimer (YeaW-YeaX)	4.3	1.74
P76254	YeaX	Monomer	3.1	0.48
		Heterodimer (YeaW-YeaX)	4.3	1.74
P0AA91	YeaY	Monomer	2.5	0.21
P76256	YeaZ	Monomer	2.7	0.28
P0AFS9	YebA	Monomer	3.6	0.8
P24238	YebB	Monomer	2.6	0.24
P0A8A0	YebC	Monomer	2.8	0.3

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33218	YebE	Monomer	2.7	0.25
P33219	YebF	Monomer	2.1	0.1
P0ACY9	YebG	Monomer	2	0.07
P76264	YebN	Monomer	2.5	0.19
P64499	YebO	Monomer	2	0.08
P76269	YebQ	Monomer	3.5	0.78
P76270	YebR	Monomer	2.4	0.17
P0AD03	YebS	Monomer	3.5	0.78
P76272	YebT	Monomer	4.6	2.42
P64503	YebV	Monomer	1.8	0.06
P76275	YebW	Monomer	1.7	0.04
P64506	YebY	Monomer	2.1	0.09
P76278	YebZ	Monomer	3	0.41
P0AD05	YecA	Monomer	2.7	0.27
P37774	YecC	Monomer	2.8	0.32
P0ADI7	YecD	Monomer	2.5	0.2
P37348	YecE	Monomer	3	0.39
P0AD07	YecF	Monomer	1.8	0.05
P46887	YecH	Monomer	1.8	0.05
P0AD10	YecJ	Monomer	1.8	0.06
P52007	YecM	Monomer	2.6	0.21
P64515	YecN	Monomer	2.2	0.13
P76308	YecR	Monomer	2	0.09
P0AFT2	YecS	Monomer	2.7	0.27
P76296	YecT	Monomer	2.4	0.18
P0AA70	YedA	Monomer	3	0.41
P31063	YedD	Monomer	2.2	0.12
P31064	YedE	Monomer	3.4	0.68
P0AA31	YedF	Monomer	1.8	0.05
P46125	YedI	Monomer	3	0.41

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P46144	YedJ	Monomer	2.8	0.29
P76318	YedK	Monomer	2.7	0.27
P76319	YedL	Monomer	2.4	0.16
P76322	YedM	Monomer	2.1	0.1
P76321	YedN	Monomer	2.5	0.19
P76329	YedP	Monomer	2.9	0.37
P76330	YedQ	Monomer	3.9	1.25
P76334	YedR	Monomer	2.2	0.11
P76335	YedS	Monomer	3.4	0.65
P76339	YedV	Monomer	3.6	0.85
P76340	YedW	Monomer	2.7	0.27
P76342	YedY	Monomer	3.2	0.52
P76343	YedZ	Monomer	2.7	0.26
P33011	YeeA	Monomer	3.3	0.57
P33014	YeeD	Monomer	1.8	0.05
P33015	YeeE	Monomer	3.2	0.53
P0AA47	YeeF	Monomer	3.6	0.81
P76347	YeeJ	Monomer	6.7	13.33
P76349	YeeL	Monomer	3.3	0.56
P0A8A2	YeeN	Monomer	2.8	0.29
P76352	YeeO	Monomer	3.7	0.94
P76359	YeeP	Monomer	2.8	0.31
P76361	YeeR	Monomer	3.8	1.03
P76362	YeeS	Monomer	2.3	0.14
P64521	YeeT	Monomer	1.8	0.05
P76364	YeeU	Monomer	2.2	0.11
P64526	YeeW	Monomer	1.7	0.04
P0A8M6	YeeX	Monomer	2.1	0.1
P76369	YeeY	Monomer	3.1	0.45
P0AD12	YeeZ	Monomer	2.9	0.36

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P37749	YefG	Monomer	3.2	0.52
P37751	YefI	Monomer	3.4	0.65
P69346	YefM	Monomer	1.9	0.06
P36928	YegD	Monomer	3.6	0.81
P38097	YegE	Monomer	5.1	3.83
		Homodimer	6.7	13.25
P76389	YegH	Monomer	3.8	1.1
P76393	YegI	Monomer	4.1	1.5
P76394	YegJ	Monomer	2.4	0.16
P76395	YegK	Monomer	2.8	0.31
P76396	YegL	Monomer	2.7	0.26
P76402	YegP	Monomer	2	0.09
P76403	YegQ	Monomer	3.6	0.86
P76406	YegR	Monomer	2	0.08
P76407	YegS	Monomer	3	0.4
P76417	YegT	Monomer	3.5	0.76
P76418	YegU	Monomer	3.1	0.48
P76419	YegV	Monomer	3.1	0.45
P0ACM5	YegW	Monomer	2.9	0.33
P76421	YegX	Monomer	3	0.4
P33340	YehA	Monomer	3.2	0.51
P33341	YehB	Monomer	4.6	2.3
P33342	YehC	Monomer	2.8	0.3
P33343	YehD	Monomer	2.5	0.18
P33344	YehE	Monomer	1.9	0.07
P33345	YehH	Monomer	5.4	4.8
P33346	YehI	Monomer	5.3	4.63
P33347	YehK	Monomer	2.1	0.1
P33348	YehL	Monomer	3.3	0.57
P33349	YehM	Monomer	4.4	1.94

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33352	YehP	Monomer	3.3	0.63
P33353	YehQ	Monomer	4	1.37
P33354	YehR	Monomer	2.3	0.15
P33355	YehS	Monomer	2.4	0.16
P0AFT5	YehT	Monomer	2.8	0.32
P0AD14	YehU	Monomer	3.9	1.18
P33359	YehW	Monomer	2.7	0.28
P33360	YehX	Monomer	3.1	0.45
P33361	YehY	Monomer	3.3	0.6
P25889	YeiA	Monomer	3.4	0.7
		Heterotetramer ($YeiA_2$-$YeiT_2$)	5.9	7.32
P25747	YeiB	Monomer	3.4	0.66
P0ACR4	YeiE	Monomer	3	0.42
P33018	YeiG	Monomer	3	0.39
		Homotetramer	5.1	3.89
P62723	YeiH	Monomer	3.2	0.51
P33020	YeiI	Monomer	3.3	0.57
P0A6N8	YeiP	Monomer	2.6	0.22
P33029	YeiQ	Monomer	3.7	0.94
P33030	YeiR	Monomer	3.2	0.49
P64536	YeiS	Monomer	1.8	0.06
P76440	YeiT	Monomer	3.4	0.68
		Heterotetramer ($YeiA_2$-$YeiT_2$)	5.9	7.32
P76445	YeiU	Monomer	2.8	0.3
P0AFT8	YeiW	Monomer	1.8	0.06
P33913	YejA	Monomer	4.1	1.43
P0AFU0	YejB	Monomer	3.3	0.58
P33915	YejE	Monomer	3.2	0.53
P33916	YejF	Monomer	3.8	1.08
P0AD21	YejG	Monomer	2.1	0.09

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P33919	YejH	Monomer	4	1.32
P33920	YejK	Monomer	3.2	0.53
P0AD24	YejL	Monomer	1.8	0.05
P0AD27	YejM	Monomer	4	1.35
P33924	YejO	Monomer	4.5	2.26
P17994	YfaA	Monomer	3.9	1.2
P37014	YfaD	Monomer	3.1	0.46
P0ABW3	YfaE	Monomer	1.9	0.06
P45505	YfaH	Monomer	1.7	0.04
P45508	YfaL	Monomer	5.2	4.23
P76462	YfaP	Monomer	2.9	0.33
P76463	YfaQ	Monomer	3.9	1.16
P76464	YfaS	Monomer	5.8	6.68
P76466	YfaT	Monomer	2.7	0.25
P77808	YfaY	Monomer	3.4	0.68
P76471	YfaZ	Monomer	2.4	0.17
P76481	YfbK	Monomer	3.9	1.23
P76482	YfbL	Monomer	3.1	0.48
P76483	YfbM	Monomer	2.5	0.18
P76484	YfbN	Monomer	2.9	0.33
P76485	YfbO	Monomer	2.3	0.14
P76486	YfbP	Monomer	3	0.41
P0A959	YfbQ	Monomer	3.4	0.71
		Homodimer	4.5	2.25
P76491	YfbR	Monomer	2.6	0.24
P0AFU2	YfbS	Monomer	4	1.3
P77625	YfbT	Monomer	2.6	0.24
P0A8W8	YfbU	Monomer	2.5	0.19
P0A8D9	YfbV	Monomer	2.4	0.15
P0AD30	YfcA	Monomer	2.9	0.34

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P39199	YfcB	Monomer	3.1	0.47
P39263	YfcC	Monomer	3.7	0.96
P65556	YfcD	Monomer	2.5	0.2
P67095	YfcE	Monomer	2.5	0.19
P77544	YfcF	Monomer	2.7	0.26
P77526	YfcG	Monomer	2.7	0.26
P77775	YfcH	Monomer	3	0.42
P77768	YfcI	Monomer	3.1	0.45
P77549	YfcJ	Monomer	3.3	0.59
P64540	YfcL	Monomer	1.9	0.07
P76938	YfcM	Monomer	2.6	0.21
P0A8B2	YfcN	Monomer	2.5	0.21
P76498	YfcO	Monomer	2.9	0.37
P76499	YfcP	Monomer	2.4	0.18
P76500	YfcQ	Monomer	2.4	0.16
P76501	YfcR	Monomer	2.4	0.16
P77599	YfcS	Monomer	2.8	0.32
P77196	YfcU	Monomer	4.7	2.53
P77288	YfcV	Monomer	2.5	0.19
P0AD33	YfcZ	Monomer	1.9	0.07
P37327	YfdC	Monomer	3.1	0.45
P76518	YfdE	Monomer	3.3	0.62
P76505	YfdF	Monomer	3.3	0.58
P77682	YfdG	Monomer	2.1	0.1
P77293	YfdH	Monomer	3.1	0.46
P76507	YfdI	Monomer	3.6	0.87
P77656	YfdK	Monomer	2.3	0.14
P76508	YfdL	Monomer	2.4	0.17
P76509	YfdM	Monomer	1.9	0.07
P76510	YfdN	Monomer	2.4	0.18

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AD35	YfdO	Monomer	2.2	0.12
P76512	YfdP	Monomer	2.1	0.1
P76513	YfdQ	Monomer	2.9	0.37
P76514	YfdR	Monomer	2.5	0.2
P76515	YfdS	Monomer	2.2	0.11
P76516	YfdT	Monomer	2.1	0.09
P0AA49	YfdV	Monomer	3.1	0.44
P76520	YfdX	Monomer	2.6	0.24
P76521	YfdY	Monomer	1.8	0.06
P77434	YfdZ	Monomer	3.5	0.73
		Homodimer	4.6	2.31
P23842	YfeA	Monomer	4.4	1.94
P0AD37	YfeC	Monomer	2.1	0.1
P27238	YfeD	Monomer	2.2	0.12
P39836	YfeH	Monomer	3.2	0.5
Q47702	YfeK	Monomer	2.2	0.11
P45564	YfeN	Monomer	2.9	0.35
P67729	YfeO	Monomer	3.4	0.66
P0ACR7	YfeR	Monomer	3.1	0.44
P78271	YfeS	Monomer	2.9	0.33
P77619	YfeW	Monomer	3.5	0.77
P76536	YfeX	Monomer	3	0.42
P76537	YfeY	Monomer	2.5	0.21
P76538	YfeZ	Monomer	2.4	0.15
P24178	YffB	Monomer	2.1	0.11
P76543	YffL	Monomer	2.7	0.28
P76544	YffM	Monomer	1.8	0.06
P76545	YffN	Monomer	2.2	0.11
P76546	YffO	Monomer	2.3	0.13
P76547	YffP	Monomer	2.6	0.24

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P76548	YffQ	Monomer	2.2	0.11
P76549	YffR	Monomer	2.2	0.12
P76550	YffS	Monomer	2.9	0.36
P66948	YfgC	Monomer	3.7	0.94
P76569	YfgD	Monomer	2.1	0.1
P77172	YfgF	Monomer	4.4	2.03
P64545	YfgG	Monomer	1.7	0.04
P65290	YfgH	Monomer	2.4	0.16
P76573	YfgI	Monomer	2.5	0.2
P76575	YfgJ	Monomer	1.7	0.05
P77774	YfgL	Monomer	3.3	0.62
P76576	YfgM	Monomer	2.6	0.23
P0AFU4	YfhA	Monomer	3.6	0.8
P0AD42	YfhB	Monomer	2.7	0.26
P0AD44	YfhG	Monomer	2.8	0.31
P37767	YfhH	Monomer	3	0.38
P52101	YfhK	Monomer	3.7	0.92
P52102	YfhL	Monomer	1.9	0.07
P76578	YfhM	Monomer	5.9	7.53
P77538	YfhR	Monomer	3	0.39
P07021	YfiB	Monomer	2.4	0.15
P31825	YfiC	Monomer	2.8	0.31
P33634	YfiE	Monomer	3.1	0.43
P0AGJ5	YfiF	Monomer	3.2	0.53
P33644	YfiH	Monomer	2.8	0.3
P11289	YfiL	Monomer	2.1	0.1
P46126	YfiM	Monomer	2	0.09
P46139	YfiN	Monomer	3.5	0.72
P0AC02	YfiO	Monomer	2.8	0.32
Q47319	YfiP	Monomer	2.8	0.29

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P76594	YfiQ	Monomer	4.7	2.55
P64548	YfiR	Monomer	2.4	0.18
P37908	YfjD	Monomer	3.5	0.78
P52123	YfjH	Monomer	3.2	0.51
P52124	YfjI	Monomer	3.7	0.94
P52125	YfjJ	Monomer	2.7	0.27
P52126	YfjK	Monomer	4.4	1.92
P52127	YfjL	Monomer	3.9	1.18
P52128	YfjM	Monomer	1.9	0.07
P52129	YfjN	Monomer	3.3	0.58
P52130	YfjO	Monomer	2.2	0.11
P52131	YfjP	Monomer	3	0.41
P52132	YfjQ	Monomer	3	0.39
P52133	YfjR	Monomer	2.8	0.3
O52982	YfjS	Monomer	2.3	0.15
P52135	YfjT	Monomer	2.4	0.15
P0CF86	YfjU	Monomer	1.5	0.03
P52137	YfjV	Monomer	3.1	0.48
P52138	YfjW	Monomer	3.9	1.25
P52139	YfjX	Monomer	2.4	0.15
P52140	YfjY	Monomer	2.4	0.16
P52141	YfjZ	Monomer	2	0.09
P0AD53	YgaC	Monomer	2.1	0.1
P0A6G3	YgaD	Monomer	2.4	0.16
P43667	YgaH	Monomer	2	0.09
P0ADQ7	YgaM	Monomer	2.1	0.09
P55734	YgaP	Monomer	2.4	0.17
P76616	YgaQ	Monomer	4.4	2.01
P0ADE6	YgaU	Monomer	2.3	0.14
P77295	YgaV	Monomer	1.9	0.07

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	2.6	0.21
P64550	YgaW	Monomer	2.3	0.15
P76628	YgaY	Monomer	3.3	0.61
P76630	YgaZ	Monomer	2.8	0.29
P25728	YgbA	Monomer	2.2	0.11
P46141	YgbE	Monomer	2	0.09
P45956	YgbF	Monomer	1.9	0.07
P52598	YgbI	Monomer	2.8	0.32
Q46888	YgbJ	Monomer	3	0.38
Q46889	YgbK	Monomer	3.3	0.61
Q46890	YgbL	Monomer	2.6	0.24
Q46891	YgbM	Monomer	2.9	0.35
Q46892	YgbN	Monomer	3.5	0.74
Q46896	YgbT	Monomer	3	0.43
P38036	YgcB	Monomer	4.7	2.67
P55138	YgcE	Monomer	3.7	0.94
P64554	YgcF	Monomer	2.7	0.27
P55140	YgcG	Monomer	3	0.41
Q46897	YgcH	Monomer	2.6	0.23
Q46898	YgcI	Monomer	2.7	0.28
Q46899	YgcJ	Monomer	3.3	0.58
P76632	YgcK	Monomer	2.4	0.17
Q46901	YgcL	Monomer	3.7	0.99
Q46904	YgcN	Monomer	3.5	0.73
Q46905	YgcO	Monomer	1.9	0.06
Q46906	YgcP	Monomer	2.5	0.21
Q46907	YgcQ	Monomer	2.9	0.37
		Heterodimer (YgcQ-YgcR)	3.8	1.09
Q46908	YgcR	Monomer	2.9	0.34
		Heterodimer (YgcQ-YgcR)	3.8	1.09

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
Q46909	YgcS	Monomer	3.5	0.78
Q46911	YgcU	Monomer	3.7	0.93
P76633	YgcW	Monomer	2.9	0.33
P08370	YgdB	Monomer	2.2	0.12
P0ADR2	YgdD	Monomer	2.2	0.12
P38506	YgdG	Monomer	2.9	0.33
P0ADR8	YgdH	Monomer	3.6	0.85
P65292	YgdI	Monomer	1.8	0.05
P0AGF2	YgdK	Monomer	2.3	0.14
Q46927	YgdL	Monomer	2.9	0.34
P67127	YgdQ	Monomer	2.8	0.29
P65294	YgdR	Monomer	1.7	0.05
P03813	YgeA	Monomer	2.7	0.28
Q46786	YgeF	Monomer	2.3	0.15
Q46787	YgeG	Monomer	2.5	0.18
P76639	YgeH	Monomer	3.7	0.9
Q46789	YgeI	Monomer	1.7	0.05
Q46791	YgeK	Monomer	2.7	0.25
Q46793	YgeN	Monomer	2.8	0.31
Q46795	YgeO	Monomer	2.3	0.13
Q46796	YgeP	Monomer	2	0.08
Q46797	YgeQ	Monomer	3	0.39
Q46798	YgeR	Monomer	2.8	0.3
Q46802	YgeV	Monomer	4	1.31
Q46803	YgeW	Monomer	3.4	0.68
P66899	YgeX	Monomer	3.4	0.66
P65807	YgeY	Monomer	3.4	0.69
P0AC28	YgfA	Monomer	2.6	0.21
P0A8C4	YgfB	Monomer	2.6	0.21
P52037	YgfF	Monomer	2.8	0.29

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P52043	YgfH	Monomer	3.7	0.93
P52044	YgfI	Monomer	3.1	0.46
Q46810	YgfJ	Monomer	2.6	0.22
Q46811	YgfK	Monomer	5	3.39
P64557	YgfM	Monomer	2.9	0.34
Q46817	YgfQ	Monomer	3.5	0.74
Q46819	YgfS	Monomer	2.4	0.16
Q46820	YgfT	Monomer	4.1	1.41
Q46821	YgfU	Monomer	3.6	0.88
Q46824	YgfX	Monomer	2.3	0.14
P64559	YgfY	Monomer	1.9	0.07
P0ADE8	YgfZ	Monomer	3.2	0.49
P11664	YggC	Monomer	2.8	0.31
P11663	YggD	Monomer	2.5	0.18
P0ADS6	YggE	Monomer	2.8	0.3
P21437	YggF	Monomer	3.1	0.45
		Homodimer	4.1	1.4
P25894	YggG	Monomer	2.8	0.31
P38521	YggL	Monomer	2.1	0.1
P46142	YggM	Monomer	3.2	0.54
P0ADS9	YggN	Monomer	2.8	0.3
P52048	YggP	Monomer	3.5	0.72
P52052	YggR	Monomer	3.1	0.49
P67080	YggS	Monomer	2.8	0.29
P64564	YggT	Monomer	2.6	0.21
P52060	YggU	Monomer	1.9	0.07
P52062	YggW	Monomer	3.4	0.64
P0A8P3	YggX	Monomer	2	0.08
P0AG84	YghA	Monomer	3	0.39
P0AA60	YghB	Monomer	2.7	0.26

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
Q46832	YghD	Monomer	2.5	0.2
Q46833	YghE	Monomer	3	0.4
Q46834	YghF	Monomer	3	0.41
Q46835	YghG	Monomer	2.2	0.12
P0CK95	YghJ	Monomer	5.7	6.5
Q46840	YghO	Monomer	3.3	0.62
Q46841	YghQ	Monomer	3.2	0.54
P64572	YghR	Monomer	2.9	0.33
Q46843	YghS	Monomer	2.8	0.3
Q46844	YghT	Monomer	2.7	0.28
Q46845	YghU	Monomer	3	0.41
		Homodimer	4.0	1.27
P64574	YghW	Monomer	2	0.08
Q7DFU6	YghX	Monomer	2.9	0.37
Q46851	YghZ	Monomer	3.2	0.55
Q79CP2	YgiA	Monomer	1.9	0.07
P0ADT2	YgiB	Monomer	2.7	0.25
P0ADT5	YgiC	Monomer	3.4	0.7
P24197	YgiD	Monomer	2.9	0.34
P30871	YgiF	Monomer	3.5	0.78
P39834	YgiL	Monomer	2.5	0.19
P0ADT8	YgiM	Monomer	2.6	0.24
P0ADU2	YgiN	Monomer	2	0.08
		Homodimer	2.6	0.24
Q46861	YgiQ	Monomer	4.4	1.94
Q46863	YgiS	Monomer	3.9	1.14
Q46866	YgiV	Monomer	2.4	0.16
P0ADU5	YgiW	Monomer	2.2	0.11
Q46867	YgiZ	Monomer	2.1	0.1
P42589	YgjH	Monomer	2.1	0.09

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
		Homodimer	2.7	0.27
P42590	YgjI	Monomer	3.6	0.89
P42591	YgjJ	Monomer	3.3	0.58
P42592	YgjK	Monomer	4.5	2.14
P42597	YgjP	Monomer	2.5	0.19
P42598	YgjQ	Monomer	2.7	0.28
P42599	YgjR	Monomer	3.2	0.49
P42603	YgjV	Monomer	2.5	0.2
P11865	YhaB	Monomer	2.5	0.2
P11864	YhaC	Monomer	3.4	0.7
P64590	YhaH	Monomer	2.2	0.12
P64592	YhaI	Monomer	2.1	0.11
P67660	YhaJ	Monomer	3.1	0.43
P42624	YhaK	Monomer	2.8	0.29
P42625	YhaL	Monomer	1.6	0.03
P42626	YhaM	Monomer	3.4	0.71
P42628	YhaO	Monomer	3.5	0.78
P64594	YhaV	Monomer	2.4	0.16
		Homohexamer	4.8	2.97
P0AA73	YhbE	Monomer	3.1	0.46
P0AFX0	YhbH	Monomer	2	0.08
P0A894	YhbJ	Monomer	3	0.41
P45470	YhbO	Monomer	2.4	0.18
		Homodimer	3.2	0.52
P67762	YhbP	Monomer	2.3	0.15
P45472	YhbQ	Monomer	2	0.08
P63417	YhbS	Monomer	2.4	0.17
P64599	YhbT	Monomer	2.5	0.19
P45527	YhbU	Monomer	3.2	0.51
P45475	YhbV	Monomer	3	0.41

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0ADV5	YhbW	Monomer	3.2	0.51
P42640	YhbX	Monomer	3.9	1.14
P0AGK4	YhbY	Monomer	2	0.08
P28722	YhcA	Monomer	2.7	0.28
P0ADW3	YhcB	Monomer	2.2	0.12
P0ADW6	YhcC	Monomer	3.1	0.46
P45420	YhcD	Monomer	4.4	2.05
P45421	YhcE	Monomer	2.5	0.18
P45422	YhcF	Monomer	2.7	0.27
P45423	YhcG	Monomer	3.4	0.65
P45424	YhcH	Monomer	2.3	0.15
P64612	YhcM	Monomer	3.4	0.65
P64614	YhcN	Monomer	1.8	0.06
P64616	YhcO	Monomer	2	0.08
P25536	YhdE	Monomer	2.6	0.22
P26646	YhdH	Monomer	3.1	0.46
		Homodimer	4.1	1.42
P28638	YhdJ	Monomer	3.1	0.43
P36675	YhdL	Monomer	1.8	0.05
P36677	YhdN	Monomer	2.2	0.11
P46474	YhdP	Monomer	5.3	4.68
P45566	YhdT	Monomer	1.8	0.06
P64619	YhdU	Monomer	1.7	0.04
P64622	YhdV	Monomer	1.7	0.04
P45766	YhdW	Monomer	3.2	0.51
P45767	YhdX	Monomer	3.4	0.65
P45768	YhdY	Monomer	3.3	0.61
P45769	YhdZ	Monomer	2.9	0.34
P64624	YheO	Monomer	2.8	0.31
P63389	YheS	Monomer	4.1	1.51

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P45524	YheT	Monomer	3.2	0.54
P67624	YheU	Monomer	1.8	0.05
P0ADW8	YheV	Monomer	1.7	0.05
P0ADX1	YhfA	Monomer	2.2	0.12
P0ADX5	YhfG	Monomer	1.6	0.04
P45537	YhfK	Monomer	4.3	1.81
P64627	YhfL	Monomer	1.5	0.03
P45545	YhfS	Monomer	3.2	0.54
P45546	YhfT	Monomer	3.5	0.74
P64631	YhfU	Monomer	2.1	0.09
P45549	YhfW	Monomer	3.4	0.69
P45550	YhfX	Monomer	3.4	0.63
P45551	YhfY	Monomer	2.1	0.11
P45552	YhfZ	Monomer	3.1	0.43
P31667	YhgA	Monomer	3.1	0.43
P45804	YhgE	Monomer	4	1.26
P46837	YhgF	Monomer	4.4	2.01
P67143	YhgN	Monomer	2.6	0.22
P0ADX7	YhhA	Monomer	2.3	0.15
P28911	YhhH	Monomer	2.2	0.12
P28912	YhhI	Monomer	3.4	0.65
P0AGH1	YhhJ	Monomer	3.3	0.6
P37613	YhhK	Monomer	2.2	0.12
P37614	YhhL	Monomer	1.9	0.07
P37615	YhhM	Monomer	2.1	0.11
P0ADI9	YhhN	Monomer	2.7	0.25
P37619	YhhQ	Monomer	2.7	0.28
P37621	YhhS	Monomer	3.3	0.63
P0AGM0	YhhT	Monomer	3.2	0.54
P46852	YhhW	Monomer	2.8	0.3

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P46853	YhhX	Monomer	3.2	0.55
P46854	YhhY	Monomer	2.4	0.18
P46855	YhhZ	Monomer	3.4	0.68
P0AFV2	YhiD	Monomer	2.6	0.24
P37624	YhiH	Monomer	4.7	2.68
P37626	YhiI	Monomer	3.2	0.55
P37627	YhiJ	Monomer	3.9	1.15
P37629	YhiL	Monomer	3.9	1.17
P37630	YhiM	Monomer	3.2	0.52
P37631	YhiN	Monomer	3.4	0.67
P68567	YhiQ	Monomer	2.8	0.31
P37634	YhiR	Monomer	3	0.4
P37635	YhiS	Monomer	2.9	0.35
P37197	YhjA	Monomer	3.6	0.87
P37640	YhjB	Monomer	2.6	0.23
P37641	YhjC	Monomer	3.1	0.43
P37642	YhjD	Monomer	3.2	0.53
P37643	YhjE	Monomer	3.5	0.75
P37645	YhjG	Monomer	4.2	1.6
P37646	YhjH	Monomer	2.9	0.36
P37648	YhjJ	Monomer	3.7	0.98
P37649	YhjK	Monomer	4.2	1.6
P37655	YhjQ	Monomer	2.8	0.32
P0ADJ3	YhjR	Monomer	1.7	0.04
P37657	YhjS	Monomer	3.8	1.1
P0ADJ5	YhjT	Monomer	1.7	0.04
P37659	YhjU	Monomer	3.9	1.18
P37660	YhjV	Monomer	3.5	0.75
P37662	YhjX	Monomer	3.4	0.65
P37663	YhjY	Monomer	2.8	0.29

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0ADJ8	YiaA	Monomer	2.3	0.14
P11286	YiaB	Monomer	2.1	0.1
P37664	YiaC	Monomer	2.4	0.15
P37665	YiaD	Monomer	2.6	0.23
P0ADK0	YiaF	Monomer	2.8	0.28
P0A9V5	YiaG	Monomer	2	0.08
P37669	YiaH	Monomer	3.2	0.52
P37671	YiaJ	Monomer	3	0.38
P37673	YiaL	Monomer	2.4	0.16
P37674	YiaM	Monomer	2.4	0.16
P37675	YiaN	Monomer	3.4	0.71
P37676	YiaO	Monomer	3.1	0.49
P37681	YiaT	Monomer	2.8	0.32
P37682	YiaU	Monomer	3.2	0.51
P37683	YiaV	Monomer	3.3	0.62
P0ADK4	YiaW	Monomer	2.1	0.09
P37686	YiaY	Monomer	3.3	0.58
P0ADK6	YibA	Monomer	3	0.4
P11290	YibD	Monomer	3.3	0.59
P0ACA1	YibF	Monomer	2.6	0.23
P32106	YibG	Monomer	2.4	0.17
P0AFV0	YibH	Monomer	3.3	0.62
P32108	YibI	Monomer	2.2	0.11
P32109	YibJ	Monomer	2.8	0.3
P0ADK8	YibL	Monomer	2.2	0.11
P0AG27	YibN	Monomer	2.3	0.13
P37691	YibQ	Monomer	3.1	0.47
Q2M7R5	YibT	Monomer	1.7	0.05
A5A625	YibV	Monomer	2.1	0.09
P23839	YicC	Monomer	3	0.43

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0AGM2	YicG	Monomer	2.6	0.22
P31433	YicH	Monomer	3.9	1.19
P31434	YicI	Monomer	4.5	2.13
		Homohexamer	9.0	55.91
P31435	YicJ	Monomer	3.6	0.85
P31437	YicL	Monomer	3	0.43
P0ADL3	YicN	Monomer	2.4	0.15
P31440	YicO	Monomer	3.5	0.75
P25531	YicR	Monomer	2.7	0.28
Q2M7X4	YicS	Monomer	2	0.08
P0A8Y5	YidA	Monomer	2.9	0.36
P09996	YidB	Monomer	2.2	0.11
P0A8C8	YidD	Monomer	1.9	0.06
P60872	YidE	Monomer	3.8	1.08
P31443	YidF	Monomer	2.5	0.18
P0ADL6	YidG	Monomer	2.2	0.11
P0ADM0	YidH	Monomer	2.1	0.1
P31446	YidI	Monomer	2.3	0.13
P31447	YidJ	Monomer	3.8	1.03
P31448	YidK	Monomer	3.9	1.18
P31449	YidL	Monomer	3.1	0.44
P31453	YidP	Monomer	2.8	0.31
P0ADM4	YidQ	Monomer	2	0.09
P31455	YidR	Monomer	3.5	0.73
P0ADM6	YidX	Monomer	2.7	0.26
P31463	YidZ	Monomer	3.2	0.51
P0ADM8	YieE	Monomer	2.8	0.32
P0AGE6	YieF	Monomer	2.5	0.2
P31467	YieH	Monomer	2.7	0.27
P31470	YieK	Monomer	2.8	0.3

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P31471	YieL	Monomer	3.4	0.64
P31475	YieP	Monomer	2.8	0.29
P22787	YifB	Monomer	3.7	0.97
P0ADN2	YifE	Monomer	2.1	0.1
P27837	YifK	Monomer	3.6	0.84
P0ADN6	YifL	Monomer	1.7	0.04
P56259	YifN	Monomer	2.3	0.15
P23305	YigA	Monomer	2.8	0.3
P0ADP0	YigB	Monomer	2.8	0.31
P27840	YigE	Monomer	2.8	0.32
P27842	YigF	Monomer	2.2	0.12
P27843	YigG	Monomer	2.2	0.12
P0ADP2	YigI	Monomer	2.4	0.15
P27848	YigL	Monomer	2.9	0.36
P0ADP5	YigM	Monomer	3.1	0.44
P0ADP7	YigP	Monomer	2.6	0.23
P27862	YigZ	Monomer	2.6	0.22
P0ADP9	YihD	Monomer	1.9	0.07
P32128	YihF	Monomer	3.7	0.9
P32129	YihG	Monomer	3.2	0.49
P0A8H6	YihI	Monomer	2.5	0.18
		Homodimer	3.2	0.53
P0ACM9	YihL	Monomer	2.8	0.31
P32134	YihM	Monomer	3.2	0.51
P32135	YihN	Monomer	3.5	0.73
P32136	YihO	Monomer	3.6	0.87
P32137	YihP	Monomer	3.6	0.85
P32138	YihQ	Monomer	4.2	1.7
P32139	YihR	Monomer	3.1	0.44
P32140	YihS	Monomer	3.5	0.76

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P32141	YihT	Monomer	3	0.4
P0A9V8	YihU	Monomer	3	0.39
P32143	YihV	Monomer	3	0.4
P32144	YihW	Monomer	2.9	0.34
P0A8Y3	YihX	Monomer	2.6	0.24
P0A8K8	YihY	Monomer	3	0.42
P0ADQ2	YiiD	Monomer	3.2	0.51
P0ADQ5	YiiE	Monomer	1.8	0.05
P0AFU6	YiiF	Monomer	1.8	0.05
P32151	YiiG	Monomer	3.3	0.56
P32157	YiiM	Monomer	2.7	0.28
P32160	YiiQ	Monomer	2.6	0.22
P0AF34	YiiR	Monomer	2.3	0.14
P32162	YiiS	Monomer	2	0.08
P32167	YiiX	Monomer	2.6	0.24
P0AF40	YijD	Monomer	2.1	0.1
P0ABT8	YijE	Monomer	3	0.42
P32668	YijF	Monomer	2.6	0.24
P32677	YijO	Monomer	3	0.41
P09162	YjaA	Monomer	2.2	0.12
P09163	YjaB	Monomer	2.3	0.14
P32680	YjaG	Monomer	2.6	0.23
P32681	YjaH	Monomer	2.8	0.3
P0AF43	YjbB	Monomer	3.8	1.1
P32685	YjbD	Monomer	1.9	0.07
P0AF45	YjbE	Monomer	1.7	0.04
P32687	YjbF	Monomer	2.7	0.25
P32688	YjbG	Monomer	2.8	0.3
P32689	YjbH	Monomer	4.3	1.75
P32690	YjbI	Monomer	3.6	0.87

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P68206	YjbJ	Monomer	1.8	0.05
P32693	YjbL	Monomer	1.9	0.07
P32694	YjbM	Monomer	2.8	0.3
P0AF48	YjbQ	Monomer	2.3	0.13
P0AF50	YjbR	Monomer	2.1	0.11
P58036	YjbS	Monomer	1.7	0.05
A5A628	YjbT	Monomer	1.9	0.07
P32700	YjcB	Monomer	1.9	0.07
P32701	YjcC	Monomer	3.9	1.14
P0AF52	YjcD	Monomer	3.5	0.71
P32703	YjcE	Monomer	3.9	1.13
P32704	YjcF	Monomer	3.6	0.81
P0AF54	YjcH	Monomer	2	0.09
P0AF56	YjcO	Monomer	2.7	0.27
P32717	YjcS	Monomer	4.2	1.55
P39267	YjcZ	Monomer	3	0.42
P16694	YjdA	Monomer	4.4	1.98
P0ACU7	YjdC	Monomer	2.6	0.22
P39270	YjdF	Monomer	2.7	0.25
P0AF59	YjdI	Monomer	1.8	0.05
P39274	YjdJ	Monomer	1.9	0.07
P0AF61	YjdK	Monomer	2	0.08
P39276	YjdL	Monomer	3.7	0.91
P64646	YjdO	Monomer	1.6	0.04
Q6BEX5	YjdP	Monomer	2.1	0.11
P0AF67	YjeE	Monomer	2.3	0.15
P31806	YjeF	Monomer	3.7	0.96
P39277	YjeH	Monomer	3.4	0.69
P0AF70	YjeI	Monomer	2	0.09
P39279	YjeJ	Monomer	3	0.42

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P39280	YjeK	Monomer	3.2	0.55
P39282	YjeM	Monomer	3.7	0.96
P39283	YjeN	Monomer	2	0.09
P39284	YjeO	Monomer	2.1	0.1
P39285	YjeP	Monomer	5.1	3.83
P39288	YjeS	Monomer	3.4	0.65
P0AF73	YjeT	Monomer	1.7	0.04
C1P621	YjeV	Monomer	1	0.01
P33222	YjfC	Monomer	3.4	0.7
P37772	YjfF	Monomer	3.1	0.46
P0AF76	YjfI	Monomer	2.2	0.12
P0AF78	YjfJ	Monomer	2.7	0.28
P39293	YjfK	Monomer	2.7	0.27
P0AF80	YjfL	Monomer	2.2	0.11
P39295	YjfM	Monomer	2.7	0.25
P0AF82	YjfN	Monomer	1.9	0.07
P39298	YjfP	Monomer	2.8	0.32
P0AF86	YjfY	Monomer	1.9	0.07
P39308	YjfZ	Monomer	2.9	0.36
P0A8X0	YjgA	Monomer	2.6	0.21
P27250	YjgB	Monomer	3.2	0.5
P0AF93	YjgF	Monomer	2.1	0.11
		Homotrimer	3.3	0.6
P39332	YjgH	Monomer	2.2	0.12
P39333	YjgI	Monomer	2.7	0.27
P39334	YjgJ	Monomer	2.6	0.22
P0AF96	YjgK	Monomer	2.3	0.15
P39336	YjgL	Monomer	4.1	1.43
P39337	YjgM	Monomer	2.4	0.17
P39338	YjgN	Monomer	3.4	0.69

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P39342	YjgR	Monomer	3.7	0.95
Q9Z3A0	YjgW	Monomer	2.1	0.1
P39349	YjgX	Monomer	3.3	0.62
P39351	YjgZ	Monomer	2.1	0.09
P39352	YjhB	Monomer	3.4	0.67
P39353	YjhC	Monomer	3.3	0.61
P39354	YjhD	Monomer	1.8	0.06
P39355	YjhE	Monomer	1.8	0.06
P39357	YjhF	Monomer	3.5	0.75
P39358	YjhG	Monomer	4.1	1.44
P39359	YjhH	Monomer	3	0.42
P39360	YjhI	Monomer	2.9	0.36
P39367	YjhP	Monomer	2.8	0.31
P39368	YjhQ	Monomer	2.5	0.19
P39369	YjhR	Monomer	3.2	0.53
P39356	YjhU	Monomer	3.2	0.49
Q2EEU2	YjhX	Monomer	1.9	0.06
P24203	YjiA	Monomer	3.1	0.48
P39374	YjiC	Monomer	3	0.38
P0AEH8	YjiG	Monomer	2.3	0.14
P39379	YjiH	Monomer	2.7	0.25
P39381	YjiJ	Monomer	3.3	0.61
P39382	YjiK	Monomer	3	0.4
P39383	YjiL	Monomer	2.8	0.31
		Homodimer	3.7	0.95
P39384	YjiM	Monomer	3.4	0.64
P39385	YjiN	Monomer	3.5	0.78
P39387	YjiP	Monomer	3.1	0.48
P39389	YjiR	Monomer	3.7	0.91
P39390	YjiS	Monomer	1.6	0.04

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P39391	YjiT	Monomer	3.8	1.07
P39393	YjiV	Monomer	4.8	2.8
P0ADC8	YjiX	Monomer	1.7	0.05
P39396	YjiY	Monomer	4.2	1.71
P18390	YjjA	Monomer	2.4	0.16
P0ADD2	YjjB	Monomer	2.3	0.15
P0A8Y1	YjjG	Monomer	2.7	0.28
		Homodimer	3.6	0.84
P37342	YjjI	Monomer	3.8	1.06
P39410	YjjJ	Monomer	3.6	0.82
P0A9W3	YjjK	Monomer	3.9	1.19
P39398	YjjL	Monomer	3.6	0.81
P39399	YjjM	Monomer	3.1	0.47
P39400	YjjN	Monomer	3.2	0.5
P0ADD5	YjjP	Monomer	2.9	0.33
P0ADD7	YjjQ	Monomer	2.8	0.31
		Homodimer	3.7	0.94
P39407	YjjU	Monomer	3.3	0.57
P39408	YjjV	Monomer	2.9	0.34
P39409	YjjW	Monomer	3	0.39
P39411	YjjX	Monomer	2.4	0.17
P0ADD9	YjjY	Monomer	1.4	0.02
P55914	YjjZ	Monomer	1.8	0.05
P75678	YkfA	Monomer	3	0.4
P77162	YkfB	Monomer	2.3	0.15
Q47688	YkfC	Monomer	3.4	0.65
P75677	YkfF	Monomer	1.8	0.06
Q47685	YkfG	Monomer	2.4	0.17
Q9XB42	YkfH	Monomer	1.8	0.05
P77692	YkfI	Monomer	2.1	0.1

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P75675	YkfJ	Monomer	1.9	0.07
A5A605	YkfM	Monomer	2.4	0.17
P77601	YkgA	Monomer	2.9	0.34
P75685	YkgB	Monomer	2.6	0.22
P77212	YkgC	Monomer	3.5	0.78
P77379	YkgD	Monomer	3	0.39
P77252	YkgE	Monomer	2.8	0.29
P77536	YkgF	Monomer	3.7	0.91
P77433	YkgG	Monomer	2.7	0.28
P77180	YkgH	Monomer	2.8	0.28
P75687	YkgI	Monomer	1.8	0.05
P0AAL9	YkgJ	Monomer	2	0.09
P56257	YkgL	Monomer	1.8	0.06
Q79E92	YkgN	Monomer	2.1	0.1
C1P5Z8	YkgR	Monomer	1.3	0.02
P75704	YkiA	Monomer	1.9	0.07
P77473	YlaB	Monomer	3.8	1.08
P0AAS0	YlaC	Monomer	2.4	0.17
P75713	YlbA	Monomer	2.9	0.34
P77129	YlbE	Monomer	3.4	0.7
P0AAS5	YlbF	Monomer	2.9	0.36
P77688	YlbG	Monomer	2.2	0.11
P77759	YlbH	Monomer	2.8	0.31
P77087	YlcE	Monomer	1.7	0.04
Q47272	YlcG	Monomer	1.5	0.03
Q47268	YlcH	Monomer	1.3	0.02
A5A607	YlcI	Monomer	1.7	0.04
P75800	YliE	Monomer	4.5	2.21
P75801	YliF	Monomer	3.6	0.82
P75804	YliI	Monomer	3.3	0.6

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0ACA7	YliJ	Monomer	2.7	0.25
P75786	YliL	Monomer	1.9	0.07
P0AB10	YmbA	Monomer	2.5	0.2
P75917	YmdA	Monomer	2	0.08
P0A8D6	YmdB	Monomer	2.4	0.18
		Homodimer	3.2	0.53
P75919	YmdC	Monomer	3.7	0.93
Q7DFV4	YmdE	Monomer	2	0.09
P56614	YmdF	Monomer	1.5	0.03
P75962	YmfA	Monomer	2.4	0.16
P75967	YmfD	Monomer	2.7	0.28
P75968	YmfE	Monomer	2.8	0.32
P75972	YmfI	Monomer	2.1	0.1
P75973	YmfJ	Monomer	2	0.08
P75976	YmfL	Monomer	2.5	0.2
P75977	YmfM	Monomer	2.1	0.09
P75978	YmfN	Monomer	3.6	0.85
P75980	YmfO	Monomer	2.4	0.16
P75981	YmfP	Monomer	2.9	0.33
P75982	YmfQ	Monomer	2.6	0.22
P75979	YmfR	Monomer	1.6	0.03
P09154	YmfS	Monomer	2.3	0.13
P75992	YmgA	Monomer	1.9	0.07
P75994	YmgC	Monomer	1.9	0.06
P0AB46	YmgD	Monomer	2	0.09
P76011	YmgE	Monomer	1.8	0.06
P58034	YmgF	Monomer	1.8	0.05
Q7DFV3	YmgG	Monomer	2	0.08
A5A611	YmgI	Monomer	1.6	0.04
A5A612	YmgJ	Monomer	1.7	0.04

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P0CB62	YmiA	Monomer	1.4	0.02
C1P5Z9	YmiB	Monomer	1.3	0.02
P0ACV8	YmjA	Monomer	1.9	0.06
Q2EER5	YmjC	Monomer	1.6	0.04
P0CD93	YmjD	Monomer	1.1	0.01
P77658	YnaA	Monomer	3.2	0.51
P76073	YnaE	Monomer	1.9	0.07
P0AEB5	YnaI	Monomer	3.2	0.55
P64445	YnaJ	Monomer	1.9	0.06
P76068	YnaK	Monomer	1.9	0.07
P76090	YnbA	Monomer	2.6	0.23
P76091	YnbB	Monomer	3	0.42
P76092	YnbC	Monomer	4	1.29
P76093	YnbD	Monomer	3.6	0.82
P64448	YnbE	Monomer	1.6	0.04
C1P600	YnbG	Monomer	1.1	0.01
P76112	YncA	Monomer	2.5	0.18
P76113	YncB	Monomer	3.2	0.52
P76115	YncD	Monomer	4.2	1.7
P76116	YncE	Monomer	3.2	0.54
P76117	YncG	Monomer	2.7	0.25
P76118	YncH	Monomer	1.8	0.05
P76119	YncI	Monomer	3.4	0.64
P64459	YncJ	Monomer	1.8	0.06
A5A615	YncL	Monomer	1.3	0.01
P76146	YneE	Monomer	3.1	0.46
P76147	YneF	Monomer	3.1	0.45
P76148	YneG	Monomer	2.1	0.11
P77309	YneJ	Monomer	3	0.41
P76150	YneK	Monomer	3.4	0.64

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P76138	YneL	Monomer	1.6	0.04
A5A616	YneM	Monomer	1.3	0.01
P76169	YnfA	Monomer	2	0.09
P76170	YnfB	Monomer	2.1	0.1
P67553	YnfC	Monomer	2.8	0.3
P76172	YnfD	Monomer	1.9	0.07
P77374	YnfE	Monomer	4.5	2.2
P77783	YnfF	Monomer	4.5	2.21
P0AAJ1	YnfG	Monomer	2.6	0.24
P76173	YnfH	Monomer	2.9	0.37
P77559	YnfL	Monomer	3.1	0.43
P43531	YnfM	Monomer	3.4	0.7
P76157	YnfN	Monomer	1.5	0.03
Q2EES0	YnfO	Monomer	1.8	0.06
A5A618	YnhF	Monomer	1.2	0.01
P76193	YnhG	Monomer	3.1	0.49
P77739	YniA	Monomer	3	0.41
P76208	YniB	Monomer	2.5	0.2
P77247	YniC	Monomer	2.7	0.26
Q2EES1	YniD	Monomer	1.3	0.02
P76222	YnjA	Monomer	2.5	0.2
P76223	YnjB	Monomer	3.4	0.64
P76224	YnjC	Monomer	3.7	1.0
P76909	YnjD	Monomer	2.7	0.26
P78067	YnjE	Monomer	3.5	0.78
P76226	YnjF	Monomer	2.6	0.24
P76227	YnjH	Monomer	1.9	0.07
P76228	YnjI	Monomer	3.3	0.58
P76257	YoaA	Monomer	4.1	1.46
P0AEB7	YoaB	Monomer	2.1	0.09

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P64490	YoaC	Monomer	2	0.08
P0AEC0	YoaE	Monomer	3.8	1.01
P64493	YoaF	Monomer	1.8	0.06
P64496	YoaG	Monomer	1.6	0.04
		Homodimer	2.1	0.1
P67338	YoaH	Monomer	1.6	0.04
P76239	YoaI	Monomer	1.3	0.02
C1P603	YoaJ	Monomer	1.1	0.01
C1P602	YoaK	Monomer	1.3	0.01
P0AA57	YobA	Monomer	2.1	0.1
P76280	YobB	Monomer	2.7	0.26
P67601	YobD	Monomer	2.4	0.16
P64508	YobF	Monomer	1.5	0.03
Q2MB16	YobH	Monomer	1.8	0.05
C1P604	YobI	Monomer	1.1	0.01
P76345	YodB	Monomer	2.5	0.2
P64517	YodC	Monomer	1.6	0.04
P64519	YodD	Monomer	1.8	0.05
P76356	YoeA	Monomer	2.4	0.16
P69348	YoeB	Monomer	1.9	0.07
Q2EES3	YoeF	Monomer	2.1	0.1
C1P606	YoeI	Monomer	1.1	0.01
P0AD17	YohC	Monomer	2.6	0.22
P33366	YohD	Monomer	2.6	0.22
P33368	YohF	Monomer	2.8	0.31
P60632	YohJ	Monomer	2.2	0.12
P0AD19	YohK	Monomer	2.7	0.26
Q2EES6	YohO	Monomer	1.3	0.02
C1P609	YohP	Monomer	1.2	0.01
P33941	YojI	Monomer	3.9	1.16

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
A5A619	YojO	Monomer	1.6	0.03
P0AA93	YpdA	Monomer	3.9	1.2
P0AE39	YpdB	Monomer	2.9	0.34
P77396	YpdC	Monomer	3	0.41
P77585	YpdE	Monomer	3.2	0.52
P76524	YpdF	Monomer	3.3	0.57
O32528	YpdI	Monomer	1.9	0.07
Q2EET0	YpdJ	Monomer	1.5	0.03
C1P610	YpdK	Monomer	1.1	0.01
P76539	YpeA	Monomer	2.3	0.14
P0AD40	YpeB	Monomer	1.8	0.05
P64542	YpeC	Monomer	2.1	0.1
P76559	YpfG	Monomer	3.2	0.55
P76561	YpfH	Monomer	2.7	0.27
P64429	YpfJ	Monomer	3	0.39
A5A621	YpfM	Monomer	1.1	0.01
Q2EET2	YpfN	Monomer	1.8	0.05
P0AD47	YphA	Monomer	2.2	0.13
P76584	YphB	Monomer	3	0.42
P77360	YphC	Monomer	3.2	0.53
P77315	YphD	Monomer	3.1	0.45
P77509	YphE	Monomer	3.7	0.97
P77269	YphF	Monomer	3.1	0.47
P76585	YphG	Monomer	5.1	3.82
P76586	YphH	Monomer	3.4	0.68
P52143	YpjA	Monomer	5.6	5.84
P76612	YpjB	Monomer	2.9	0.36
P76613	YpjC	Monomer	2.4	0.16
P64432	YpjD	Monomer	2.9	0.35
Q46953	YpjF	Monomer	2.1	0.09

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P58095	YpjI	Monomer	1.9	0.07
P58033	YpjJ	Monomer	1.7	0.05
P52134	YpjK	Monomer	1.7	0.05
P0ADR0	YqaA	Monomer	2.3	0.13
P77475	YqaB	Monomer	2.5	0.2
P0AE42	YqaE	Monomer	1.5	0.03
P65367	YqcA	Monomer	2.3	0.14
Q46919	YqcC	Monomer	2.1	0.1
P77031	YqcE	Monomer	3.5	0.74
C1P612	YqcG	Monomer	1.5	0.03
Q46807	YqeA	Monomer	3	0.42
Q46808	YqeB	Monomer	3.8	1.05
Q46809	YqeC	Monomer	2.9	0.33
Q46939	YqeF	Monomer	3.3	0.6
P63340	YqeG	Monomer	3.4	0.7
Q46941	YqeH	Monomer	2.7	0.26
Q46942	YqeI	Monomer	3	0.38
Q46943	YqeJ	Monomer	2.4	0.17
P77136	YqeK	Monomer	2.3	0.14
C1P613	YqeL	Monomer	1.2	0.01
P67153	YqfA	Monomer	2.7	0.25
P67603	YqfB	Monomer	2	0.09
P64562	YqfE	Monomer	1.8	0.05
C1P614	YqfG	Monomer	1.4	0.02
Q46831	YqgA	Monomer	2.7	0.27
P64567	YqgB	Monomer	1.4	0.02
P64570	YqgC	Monomer	1.8	0.05
P46879	YqgD	Monomer	1.9	0.06
P0A8W5	YqgE	Monomer	2.5	0.2
P0A8I1	YqgF	Monomer	2.2	0.13

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P67244	YqhA	Monomer	2.4	0.17
Q46855	YqhC	Monomer	3.1	0.49
Q46856	YqhD	Monomer	3.3	0.63
		Homodimer	4.4	1.97
Q46858	YqhG	Monomer	3.1	0.46
P65298	YqhH	Monomer	1.9	0.06
P0A8Z7	YqiA	Monomer	2.6	0.22
P0ADU7	YqiB	Monomer	2.3	0.14
Q46868	YqiC	Monomer	2	0.08
P76655	YqiG	Monomer	4.5	2.28
P77616	YqiH	Monomer	2.9	0.34
P76656	YqiI	Monomer	3.2	0.54
P76657	YqiJ	Monomer	2.6	0.24
P77306	YqiK	Monomer	3.9	1.14
P0AA63	YqjA	Monomer	2.7	0.27
P42615	YqjB	Monomer	2.2	0.11
P42616	YqjC	Monomer	2.2	0.11
P64581	YqjD	Monomer	2	0.08
P64585	YqjE	Monomer	2.2	0.13
P42619	YqjF	Monomer	2.2	0.11
P42620	YqjG	Monomer	3.2	0.52
Q46871	YqjH	Monomer	2.9	0.34
P64588	YqjI	Monomer	2.7	0.25
Q47710	YqjK	Monomer	2	0.09
P42913	YraH	Monomer	2.5	0.2
P42914	YraI	Monomer	2.8	0.28
P42915	YraJ	Monomer	4.6	2.36
P43319	YraK	Monomer	3.2	0.54
P45465	YraN	Monomer	2.2	0.12
P64596	YraP	Monomer	2.5	0.19

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P45468	YraQ	Monomer	3.2	0.51
P45469	YraR	Monomer	2.6	0.24
P0A9W6	YrbA	Monomer	1.9	0.06
P45394	YrbG	Monomer	3.1	0.46
P64610	YrbL	Monomer	2.7	0.26
C1P618	YrbN	Monomer	1.2	0.01
P0A9W9	YrdA	Monomer	2.5	0.2
P45795	YrdB	Monomer	1.9	0.07
P45771	YrdD	Monomer	2.5	0.19
P45800	YrfF	Monomer	4.3	1.79
P64636	YrfG	Monomer	2.7	0.28
P46856	YrhA	Monomer	2.3	0.14
P46857	YrhB	Monomer	1.9	0.07
P58037	YrhD	Monomer	1.6	0.03
P56256	YsaA	Monomer	2.4	0.16
Q2M7M3	YsaB	Monomer	2	0.08
P56262	YsgA	Monomer	2.9	0.35
C1P620	YshB	Monomer	1.3	0.02
A5A630	YtcA	Monomer	1.9	0.07
P39309	YtfA	Monomer	2.1	0.09
P39310	YtfB	Monomer	2.7	0.25
P69506	YtfE	Monomer	2.7	0.27
		Homodimer	3.6	0.82
P39314	YtfF	Monomer	3.1	0.47
P0ACN2	YtfH	Monomer	2.2	0.11
P39317	YtfI	Monomer	3.1	0.48
P39187	YtfJ	Monomer	2.5	0.2
P0ADE2	YtfK	Monomer	1.8	0.05
P0AE45	YtfL	Monomer	3.6	0.82
P0ADE4	YtfM	Monomer	4	1.27

UniProtKB A. N.	Protein name	Oligomerization	Hydrodynamic radius [nm]	Rotation time (D_{rot}^{-1}) [μs]
P39321	YtfN	Monomer	5.3	4.55
P0AE48	YtfP	Monomer	2.1	0.1
P39325	YtfQ	Monomer	3.1	0.45
Q6BEX0	YtfR	Monomer	3.7	0.97
P39328	YtfT	Monomer	3.1	0.48
A8DYQ1	YthA	Monomer	1.4	0.02
Q2M5U1	YtjA	Monomer	1.5	0.03
P76692	YzgL	Monomer	1.9	0.07
P0ADS2	ZapA	Monomer	2.1	0.1
		Homodimer	2.7	0.28
P0AF36	ZapB	Monomer	1.9	0.06
		Homodimer	2.5	0.18
P76344	ZinT	Monomer	2.7	0.27
P77173	ZipA	Monomer	3.2	0.5
P75757	ZitB	Monomer	3.1	0.46
P37617	ZntA	Monomer	4.2	1.69
P64423	ZntB	Monomer	3.2	0.5
P0ACS5	ZntR	Monomer	2.3	0.14
		Homodimer	3.0	0.41
P39172	ZnuA	Monomer	3.1	0.44
P39832	ZnuB	Monomer	2.8	0.32
P0A9X1	ZnuC	Monomer	2.8	0.32
P0AAA9	ZraP	Monomer	2.2	0.13
P14375	ZraR	Monomer	3.5	0.78
P14377	ZraS	Monomer	3.6	0.86
P0A8H3	ZupT	Monomer	2.8	0.3
P0AC51	Zur	Monomer	2.5	0.18
P0AC53	Zwf	Monomer	3.7	0.99

5 Effective diffusion coefficients (D_1) of sliding of transcription factors along DNA strand in the cytoplazm of *E. coli*

Table S2: Table contains: transcription factor name (TF Name), its molecular weight (M_w), hydrodynamic radius (r_p), and the effective diffusion coefficients (D_1) of sliding of transcription factors along DNA strand in the cytoplazm of *E. coli*. Values of D_1 are recalculated and includes the dependence of the rotational friction on the size of the protein. Previous data for constant rotational friction (reference 46 from the main text) were also shown.

TF Name	M_w [kDa]	r_p [nm]	D_1 [$\mu m^2/s$] (Ref. (31))	D_1 [$\mu m^2/s$]
MarA	15.184	2.2	0.3300	0.4503
SoxS	12.911	2.1	0.4000	0.5698
Rob	33.145	3.0	0.1100	0.1378
$AraC_2$	66.768	4.0	0.0410	0.0442
$RhaS_2$	64.630	4.0	0.0430	0.0467
$RhaR_2$	71.334	4.1	0.0370	0.0396
$CaiF_2$	30.872	3.0	0.1200	0.1540
$MelR_2$	69.856	4.1	0.0380	0.0410
$XylR_2$	89.738	4.5	0.0260	0.0268
$ChbR_2$	65.936	4.0	0.0420	0.0452
$FeaR_2$	69.240	4.1	0.0390	0.0416
$YdeO_2$	57.450	3.8	0.0510	0.0568
$YqhC_2$	71.914	4.1	0.0360	0.0391
$YgiV_2$	35.654	3.1	0.1000	0.1228
$AdiY_2$	58.014	3.8	0.0500	0.0559
$GadW_2$	56.056	3.7	0.0530	0.0592
$GadX_2$	63.124	3.9	0.0440	0.0486
GadW-GadX	59.590	3.8	0.0480	0.0535
$AppY_2$	57.526	3.8	0.0510	0.0567
$EnvY_2$	58.038	3.8	0.0500	0.0559
$ZntR_2$	32.358	3.0	0.1200	0.1431
$MlrA_2$	55.092	3.7	0.0540	0.0609
$CueR_2$	30.470	2.9	0.1300	0.1572
$SoxR_2$	34.300	3.1	0.1100	0.1306
$YcgE_2$	56.528	3.8	0.0520	0.0583
$UidR_2$	43.598	3.4	0.0770	0.0891
$NemR_2$	44.550	3.4	0.0740	0.0861
$FabR_2$	53.106	3.7	0.0570	0.0647
$AcrR_2$	49.534	3.6	0.0640	0.0725
$BetI_2$	43.630	3.4	0.0760	0.0890
$RutR_2$	47.376	3.5	0.0680	0.0779
$EnvR_2$	50.396	3.6	0.0620	0.0704
$PaaX_2$	70.590	4.1	0.0380	0.0403
$MngR_2$	56.546	3.8	0.0520	0.0583
$GlcC_2$	57.652	3.8	0.0510	0.0565
$McbR_2$	50.302	3.6	0.0620	0.0707
$PdhR_2$	58.850	3.8	0.0490	0.0546
$NanR_2$	59.048	3.8	0.0490	0.0543
$CsiR_2$	49.982	3.6	0.0630	0.0714
$FadR_2$	53.938	3.7	0.0560	0.0630
$LldR_2$	58.332	3.8	0.0500	0.0554
$UxuR_2$	58.616	3.8	0.0500	0.0550
$ExuR_2$	59.672	3.8	0.0480	0.0534
FNR_2	55.934	3.7	0.0530	0.0594
CRP_2	47.280	3.5	0.0680	0.0782
$YeiL_2$	50.588	3.6	0.0620	0.0700
$MarR_2$	32.130	3.0	0.1200	0.1447
$MprA_2$	41.126	3.3	0.0830	0.0979
$SlyA_2$	32.706	3.0	0.1200	0.1407
Fur_2	33.590	3.1	0.1100	0.1350
Zur_2	38.508	3.2	0.0910	0.1087
$OmpR_2$	54.708	3.7	0.0550	0.0616

TF Name	M_w [kDa]	r_p [nm]	D_1 [$\mu m^2/s$] (Ref. (31))	D_1 [$\mu m^2/s$]
$KdpE_2$	50.724	3.6	0.0610	0.0697
TorR-TorI	33.911	3.1	0.1100	0.1330
$TorR_2$	52.466	3.6	0.0580	0.0660
$ArcA_2$	54.584	3.7	0.0550	0.0618
$BaeR_2$	55.312	3.7	0.0540	0.0605
$CpxR_2$	52.624	3.7	0.0580	0.0656
$CreB_2$	52.250	3.6	0.0590	0.0664
$PhoB_2$	52.866	3.7	0.0580	0.0651
$PhoP_2$	51.070	3.6	0.0610	0.0689
$RstA_2$	54.096	3.7	0.0560	0.0627
$ArgP_2$	66.944	4.0	0.0410	0.0441
$DsdC_2$	70.664	4.1	0.0370	0.0402
$MetR_2$	71.258	4.1	0.0370	0.0397
$ModE_2$	56.562	3.8	0.0520	0.0583
$IlvY_2$	66.408	4.0	0.0410	0.0446
Dan_2	70.630	4.1	0.0370	0.0403
$BirA_2$	70.624	4.1	0.0370	0.0403
$CynR_2$	65.922	4.0	0.0420	0.0452
$HcaR_2$	65.676	4.0	0.0420	0.0455
$AllS_2$	69.024	4.1	0.0390	0.0418
$NhaR_2$	68.568	4.1	0.0390	0.0423
Cbl_2	71.712	4.1	0.0370	0.0392
Nac_2	65.670	4.0	0.0420	0.0455
$HdfR_2$	63.492	3.9	0.0440	0.0481
$GadE_2$	41.198	3.3	0.0830	0.0976
$LrhA_2$	69.188	4.1	0.0390	0.0417
$TdcA_2$	69.078	4.1	0.0390	0.0418
$GcvA_2$	68.804	4.1	0.0390	0.0421
GcvA-GcvR	55.171	3.7	0.0540	0.0607
$LysR_2$	68.730	4.1	0.0390	0.0421
$LeuO_2$	71.390	4.1	0.0370	0.0395
$XapR_2$	67.254	4.0	0.0400	0.0437
$CysB_4$	144.600	5.4	0.0120	0.0116
$OxyR_4$	137.104	5.3	0.0130	0.0128
$CytR_2$	75.640	4.2	0.0340	0.0359
$TreR_2$	69.062	4.1	0.0390	0.0418
$PurR_2$	76.350	4.2	0.0330	0.0353
$IdnR_2$	75.334	4.2	0.0340	0.0361
$GalR_2$	74.188	4.2	0.0350	0.0371
$GalS_2$	74.714	4.2	0.0340	0.0366
$AscG_2$	73.888	4.2	0.0350	0.0373
$MalI_2$	73.250	4.2	0.0350	0.0379
$EbgR_2$	72.420	4.1	0.0360	0.0386
$RbsR_2$	73.224	4.2	0.0350	0.0379
$GntR_2$	72.884	4.1	0.0360	0.0382
$FruR_4$	151.996	5.5	0.0110	0.0106
$LacI_4$	154.360	5.6	0.0110	0.0103
RcsB-GadE	44.270	3.4	0.0750	0.0869
$RcsB_2$	47.342	3.5	0.0680	0.0780
BglJ-RcsB	47.156	3.5	0.0680	0.0785
RcsBRcsA	47.187	3.5	0.0680	0.0784
$EvgA_2$	45.380	3.4	0.0720	0.0835
$NarL_2$	47.854	3.5	0.0670	0.0766
$NarP_2$	47.150	3.5	0.0680	0.0785
$CsgD_2$	49.870	3.6	0.0630	0.0717
$SdiA_2$	56.234	3.7	0.0530	0.0589
$UhpA_2$	41.779	3.3	0.0810	0.0954
YoeB-$YefM_2$	28.832	2.9	0.1400	0.1713

TF Name	M_w [kDa]	r_p [nm]	D_1 [$\mu m^2/s$] (Ref. (31))	D_1 [$\mu m^2/s$]
$YefM_2$	18.616	2.4	0.2500	0.3333
RelE-$RelB_2$	29.367	2.9	0.1300	0.1665
$RelB_2$	18.142	2.4	0.2600	0.3464
$HipB_2$-$HipA_2$	118.584	5.0	0.0170	0.0165
$HipB_2$	20.032	2.5	0.2300	0.2987
$MqsA_2MqsR_2$	51.870	3.6	0.0590	0.0672
$MqsA_2$	29.406	2.9	0.1300	0.1662
$NadR_2$	94.692	4.6	0.0240	0.0244
$MhpR_2$	62.644	3.9	0.0450	0.0492
$KdgR_2$	60.058	3.8	0.0480	0.0528
$IclR_4$	118.956	5.0	0.0170	0.0164
$AllR_4$	117.080	5.0	0.0170	0.0169
$YiaJ_2$	62.134	3.9	0.0460	0.0499
$DpiA_2$	50.906	3.6	0.0610	0.0693
$QseB_2$	49.356	3.6	0.0640	0.0729
$CusR_2$	50.788	3.6	0.0610	0.0696
$BasR_2$	50.062	3.6	0.0630	0.0712
$NagC_2$	89.082	4.5	0.0260	0.0271
$DgsA_2$	89.632	4.5	0.0260	0.0268
$IscR_2$	34.674	3.1	0.1100	0.1284
$NsrR_2$	31.186	3.0	0.1200	0.1516
$TdcR_2$	17.216	2.4	0.2800	0.3744
$GutM_2$	25.906	2.8	0.1600	0.2021
$TrpR_2$	24.710	2.7	0.1700	0.2173
$MetJ_2$	24.282	2.7	0.1700	0.2232
$MntR_2$	35.280	3.1	0.1000	0.1249
$DcuR_2$	54.977	3.7	0.0540	0.0611
$ArsR_2$	26.506	2.8	0.1500	0.1951
$CdaR_2$	87.374	4.5	0.0270	0.0281
$MtlR_2$	43.980	3.4	0.0760	0.0879
$CadC_2$	115.626	5.0	0.0170	0.0172
$SgrR_2$	127.950	5.2	0.0150	0.0144
$BolA_2$	23.988	2.7	0.1800	0.2274
$AccB_2$	33.374	3.1	0.1100	0.1363
$LexA_2$	44.716	3.4	0.0740	0.0855
$AlaS_2$	192.064	6.1	0.0075	0.0069
$PutA_2$	287.640	7.1	0.0037	0.0033
$TyrR_2$	115.312	5.0	0.0170	0.0173
$PrpR_2$	117.298	5.0	0.0170	0.0168
$RtcR_2$	120.598	5.1	0.0160	0.0160
$DhaR_2$	141.124	5.4	0.0130	0.0121
MalT	103.118	4.8	0.0210	0.0211
$HyfR_2$	150.610	5.5	0.0110	0.0108
$FhlA_2$	156.936	5.6	0.0110	0.0100
$ZraR_2$	96.788	4.6	0.0230	0.0235
$GlrR_2$	98.320	4.7	0.0220	0.0229
$NorR_2$	110.472	4.9	0.0190	0.0187
$PspF_2$	73.972	4.2	0.0350	0.0372
$NtrC_2$	104.510	4.8	0.0200	0.0206
$AtoC_2$	104.352	4.8	0.0200	0.0206
$AgaR_4$	118.288	5.0	0.0170	0.0166
$UlaR_4$	104.408	4.8	0.0200	0.0206
$GatR_4$	113.008	4.9	0.0180	0.0180
$FucR_4$	109.448	4.9	0.0190	0.0190
$GutR_4$	112.944	4.9	0.0180	0.0180
$GlpR_4$	112.192	4.9	0.0180	0.0182
$DeoR_8$	228.384	6.5	0.0056	0.0050
$MurR_4$	124.770	5.1	0.0150	0.0151

TF Name	M_w [kDa]	r_p [nm]	D_1 [$\mu m^2/s$] (Ref. (31))	D_1 [$\mu m^2/s$]
$AlsR_4$	129.448	5.2	0.0140	0.0141
$RcnR_4$	40.536	3.3	0.0850	0.1002
$AidB_4$	242.360	6.6	0.0050	0.0045
$NikR_4$	60.376	3.9	0.0470	0.0523
$LsrR_4$	135.188	5.3	0.0130	0.0131
$FlhD_4$-$FlhC_2$	96.396	4.6	0.0230	0.0237
$ArgR_6$	101.960	4.7	0.0210	0.0215
$PepA_6$	329.280	7.5	0.0029	0.0025
$YqjI_6$	140.406	5.4	0.0130	0.0122
$NrdR_8$	137.832	5.3	0.0130	0.0126
$AsnC_8$	135.104	5.3	0.0130	0.0131
Lrp_8	151.096	5.5	0.0110	0.0107

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