Table S1. ^{15}N Relaxation Data of *Escherichia coli* Adenylate Kinase Obtained at Magnetic Fields of 14.10 and 18.79 T

	14.10 T			18.79 T		
Residue	T_1, ms	T_2, ms	*NOE*	T_1, ms	T_2, ms	*NOE*
2 R	1249.7 ± 37.6	54.10 ± 1.29	0.7735 ± 0.0093	1848.5 ± 51.4	43.35 ± 0.97	0.7967 ± 0.0073
3 I	1184.7 ± 35.4	54.43 ± 1.32	0.7935 ± 0.0095	1779.6 ± 49.2	44.72 ± 1.01	0.8266 ± 0.0075
4 I	1187.4 ± 35.2	54.49 ± 1.33	0.7556 ± 0.0115	1689.9 ± 47.1	44.68 ± 1.09	0.6795 ± 0.0069
5 L	1167.6 ± 34.6	51.96 ± 1.21	0.7811 ± 0.0094	1751.6 ± 47.6	40.02 ± 0.91	0.8244 ± 0.0074
6 L	1141.3 ± 33.7	55.70 ± 1.38	0.7826 ± 0.0094	1667.9 ± 45.9	44.36 ± 1.00	0.8010 ± 0.0074
7 G	1200.3 ± 36.6	55.81 ± 1.38	0.7415 ± 0.0089	1766.7 ± 50.0	43.81 ± 0.98	0.7185 ± 0.0071
8 A	1169.4 ± 34.5	55.72 ± 1.37	0.7117 ± 0.0085	1654.2 ± 45.5	44.80 ± 1.01	0.7621 ± 0.0072
11 A	1287.1 ± 38.4	47.49 ± 1.02	0.7645 ± 0.0092	1640.5 ± 45.2	39.06 ± 0.91	0.7635 ± 0.0072
12 G	1068.2 ± 31.0	61.84 ± 1.62	0.7382 ± 0.0089	1736.7 ± 47.5	43.70 ± 1.02	0.7599 ± 0.0073
15 T	1090.3 ± 32.6	50.66 ± 1.15	0.7170 ± 0.0086	1573.1 ± 42.4	36.82 ± 0.84	0.6938 ± 0.0069
16 Q	1082.9 ± 31.7	48.95 ± 1.09	0.7192 ± 0.0086	1512.6 ± 41.3	35.71 ± 0.82	0.7579 ± 0.0071
17 A	1182.6 ± 35.1	50.84 ± 1.17	0.6948 ± 0.0083	1579.0 ± 43.4	51.17 ± 1.19	0.6441 ± 0.0068
18 Q	1232.2 ± 36.7	51.37 ± 1.19	0.7413 ± 0.0096	1749.4 ± 48.0	41.82 ± 0.95	0.7983 ± 0.0073
19 F	1158.0 ± 34.1	53.30 ± 1.27	0.7659 ± 0.0092	1642.7 ± 45.3	42.37 ± 0.96	0.7991 ± 0.0074
20 I	1085.7 ± 31.7	53.73 ± 1.28	0.7295 ± 0.0088	1480.3 ± 40.6	44.61 ± 1.02	0.7488 ± 0.0071
21 M	1091.1 ± 31.8	48.22 ± 1.06	0.7885 ± 0.0095	1725.5 ± 47.3	39.62 ± 0.90	0.8293 ± 0.0075
22 E	1220.1 ± 36.2	49.94 ± 1.12	0.7875 ± 0.0095	1754.9 ± 47.7	40.35 ± 0.92	0.7934 ± 0.0072
23 K	1150.4 ± 34.1	52.00 ± 1.21	0.7462 ± 0.0131	1715.9 ± 46.7	41.39 ± 0.94	0.7599 ± 0.0073
24 Y	1225.4 ± 36.6	52.13 ± 1.23	0.7483 ± 0.0105	1806.7 ± 49.3	41.96 ± 0.95	0.8004 ± 0.0074
25 G	1305.5 ± 39.2	48.30 ± 1.06	0.7737 ± 0.0093	1846.4 ± 51.5	38.24 ± 0.88	0.7921 ± 0.0073
26 I	1338.0 ± 40.4	52.41 ± 1.25	0.7421 ± 0.0152	1916.1 ± 53.6	41.43 ± 0.94	0.7619 ± 0.0072
28 Q	1221.7 ± 36.4	56.11 ± 1.39	0.7214 ± 0.0108	1752.2 ± 48.6	45.97 ± 1.03	0.7427 ± 0.0072
29 I	1162.7 ± 34.5	55.82 ± 1.39	0.7552 ± 0.0095	1711.8 ± 46.5	45.04 ± 1.02	0.7749 ± 0.0072
30 S	1080.4 ± 31.9	57.81 ± 1.47	0.6888 ± 0.0083	1548.8 ± 42.7	52.25 ± 1.18	0.6884 ± 0.0070
31 T	1324.6 ± 39.7	43.55 ± 1.00	0.7251 ± 0.0087	1812.9 ± 50.9	39.19 ± 0.91	0.7781 ± 0.0073
32 G	1077.3 ± 32.1	51.90 ± 1.20	0.7523 ± 0.0119	1465.7 ± 42.0	42.14 ± 0.97	0.7551 ± 0.0074
33 D	1044.9 ± 30.9	57.37 ± 1.44	0.7158 ± 0.0086	1435.5 ± 39.7	45.13 ± 1.01	0.7626 ± 0.0072
34 M	1125.8 ± 33.2	52.35 ± 1.22	0.6503 ± 0.0078	1419.3 ± 38.4	48.72 ± 1.12	0.6291 ± 0.0067
36 R	1167.5 ± 34.4	53.39 ± 1.27	0.7450 ± 0.0089	1629.4 ± 44.1	42.74 ± 0.97	0.7697 ± 0.0072
37 A	1085.7 ± 31.7	53.73 ± 1.28	0.7295 ± 0.0088	1480.3 ± 40.6	44.61 ± 1.02	0.7488 ± 0.0071
38 A	1126.0 ± 33.1	54.69 ± 1.33	0.7123 ± 0.0085	1533.3 ± 42.3	44.65 ± 1.01	0.7361 ± 0.0071
39 V	1141.7 ± 33.6	52.91 ± 1.26	0.6756 ± 0.0081	1562.9 ± 43.2	43.31 ± 0.98	0.7193 ± 0.0071
40 K	1116.5 ± 32.6	53.04 ± 1.25	0.6793 ± 0.0082	1483.2 ± 39.9	42.92 ± 0.97	0.7096 ± 0.0070
41 S	1059.3 ± 31.0	63.23 ± 1.68	0.5810 ± 0.0070	1403.9 ± 38.8	50.41 ± 1.12	0.6320 ± 0.0067
42 G	1064.1 ± 31.9	59.15 ± 1.50	0.5452 ± 0.0065	1397.9 ± 38.6	45.50 ± 1.03	0.5892 ± 0.0067
43 S	1167.1 ± 34.6	53.02 ± 1.25	0.5562 ± 0.0067	1511.3 ± 41.3	45.41 ± 1.06	0.5752 ± 0.0066

	14.10 T			18.79 T		
Residue	T_1, ms	T_2, ms	*NOE*	T_1, ms	T_2, ms	*NOE*
44 E	1080.9 ± 32.2	57.53 ± 1.45	0.5757 ± 0.0069	1401.5 ± 39.4	45.50 ± 1.03	0.7322 ± 0.0070
45 L	1063.8 ± 30.9	58.23 ± 1.47	0.6069 ± 0.0084	1437.4 ± 38.9	46.54 ± 1.04	0.6423 ± 0.0068
46 G	1095.5 ± 32.0	55.81 ± 1.37	0.6469 ± 0.0078	1504.1 ± 41.6	43.17 ± 0.98	0.6870 ± 0.0069
47 K	1098.0 ± 32.0	52.95 ± 1.25	0.6455 ± 0.0077	1464.9 ± 39.8	43.55 ± 1.00	0.6686 ± 0.0068
48 Q	1196.9 ± 35.5	52.74 ± 1.24	0.6937 ± 0.0083	1792.8 ± 49.7	41.25 ± 0.94	0.7103 ± 0.0070
49 V	1061.2 ± 30.9	55.79 ± 1.37	0.6160 ± 0.0074	1419.3 ± 38.4	48.72 ± 1.12	0.6291 ± 0.0067
50 K	1102.4 ± 32.2	54.69 ± 1.33	0.6239 ± 0.0075	1499.1 ± 40.5	43.66 ± 0.99	0.6724 ± 0.0069
51 D	1119.3 ± 32.9	53.05 ± 1.26	0.6333 ± 0.0076	1513.6 ± 40.8	43.13 ± 0.98	0.6618 ± 0.0069
52 I	1087.0 ± 31.7	59.41 ± 1.52	0.6451 ± 0.0077	1506.1 ± 40.7	46.68 ± 1.04	0.6876 ± 0.0069
53 M	1153.1 ± 34.0	54.72 ± 1.33	0.6338 ± 0.0089	1462.3 ± 40.0	43.00 ± 0.98	0.6509 ± 0.0068
54 D	1139.3 ± 33.4	53.86 ± 1.29	0.6133 ± 0.0074	1498.0 ± 41.1	43.45 ± 0.98	0.6478 ± 0.0068
55 A	1143.1 ± 33.7	55.24 ± 1.34	0.5971 ± 0.0072	1504.5 ± 40.7	43.49 ± 0.97	0.6499 ± 0.0068
56 G	1068.2 ± 31.0	61.84 ± 1.62	0.6294 ± 0.0076	1443.7 ± 39.7	47.98 ± 1.07	0.6704 ± 0.0069
57 K	1126.9 ± 33.1	60.59 ± 1.58	0.6211 ± 0.0075	1493.9 ± 40.6	48.21 ± 1.08	0.6688 ± 0.0068
58 L	1161.4 ± 34.2	72.89 ± 1.88	0.4122 ± 0.0049	1476.6 ± 40.1	57.99 ± 1.27	0.4594 ± 0.0062
59 V	1216.1 ± 36.2	63.66 ± 1.70	0.4092 ± 0.0049	1524.3 ± 41.9	52.35 ± 1.17	0.4186 ± 0.0061
60 T	1128.6 ± 33.2	60.00 ± 1.57	0.5830 ± 0.0070	1492.1 ± 41.1	47.45 ± 1.06	0.6232 ± 0.0067
61 D	1092.5 ± 32.3	58.04 ± 1.47	0.7416 ± 0.0089	1554.5 ± 43.3	46.43 ± 1.05	0.7339 ± 0.0071
62 E	1132.6 ± 33.3	53.88 ± 1.30	0.7404 ± 0.0106	1607.0 ± 43.8	42.75 ± 0.97	0.7581 ± 0.0072
63 L	1130.6 ± 33.1	53.90 ± 1.30	0.7474 ± 0.0090	1583.4 ± 43.0	43.17 ± 0.98	0.7798 ± 0.0072
64 V	1135.1 ± 33.4	54.22 ± 1.30	0.7614 ± 0.0091	1633.4 ± 44.7	42.67 ± 0.96	0.7970 ± 0.0072
65 I	1140.1 ± 33.6	52.09 ± 1.22	0.7598 ± 0.0091	1669.2 ± 45.6	42.20 ± 0.96	0.8064 ± 0.0074
66 A	1102.9 ± 32.1	52.70 ± 1.25	0.7847 ± 0.0094	1582.9 ± 43.0	41.31 ± 0.94	0.8061 ± 0.0074
67 L	1209.5 ± 36.0	49.94 ± 1.13	0.6707 ± 0.0080	1323.3 ± 37.4	44.16 ± 1.00	0.5182 ± 0.0064
68 V	1114.5 ± 32.8	53.28 ± 1.28	0.7807 ± 0.0094	1621.5 ± 44.3	44.16 ± 1.00	0.7950 ± 0.0073
69 K	1149.3 ± 33.9	52.07 ± 1.21	0.7716 ± 0.0093	1634.7 ± 44.7	41.95 ± 0.95	0.8031 ± 0.0074
71 R	1287.1 ± 38.4	47.49 ± 1.02	0.7645 ± 0.0092	1803.6 ± 50.0	39.06 ± 0.91	0.7635 ± 0.0072
72 I	1100.4 ± 32.4	51.08 ± 1.18	0.8064 ± 0.0097	1607.9 ± 44.0	40.44 ± 0.92	0.8275 ± 0.0075
73 A	1115.3 ± 32.7	50.25 ± 1.14	0.8075 ± 0.0097	1599.7 ± 44.0	39.49 ± 0.90	0.8321 ± 0.0075
74 Q	1226.0 ± 36.6	52.89 ± 1.26	0.7814 ± 0.0094	1779.8 ± 48.6	42.51 ± 0.96	0.8060 ± 0.0074
75 E	1157.1 ± 35.2	54.76 ± 1.33	0.7476 ± 0.0090	1682.7 ± 47.3	43.36 ± 0.99	0.7552 ± 0.0072
77 C	1255.0 ± 37.2	52.19 ± 1.21	0.7841 ± 0.0094	1802.1 ± 48.8	42.00 ± 0.96	0.8032 ± 0.0073
78 R	1160.3 ± 34.2	52.47 ± 1.23	0.7583 ± 0.0091	1646.0 ± 44.6	42.01 ± 0.95	0.7974 ± 0.0073
79 N	1210.6 ± 36.4	54.06 ± 1.29	0.7092 ± 0.0085	1723.6 ± 48.6	43.25 ± 0.98	0.7531 ± 0.0073
80 G	1212.2 ± 36.0	56.31 ± 1.39	0.7314 ± 0.0088	1724.9 ± 47.1	44.06 ± 0.99	0.7287 ± 0.0071
81 F	1183.1 ± 35.2	55.31 ± 1.36	0.7779 ± 0.0093	1709.9 ± 46.4	43.18 ± 0.97	0.8143 ± 0.0074
82 L	1173.4 ± 34.9	52.98 ± 1.26	0.8054 ± 0.0098	1759.4 ± 48.0	43.08 ± 0.99	0.8446 ± 0.0075
83 L	1153.2 ± 34.2	55.37 ± 1.37	0.7917 ± 0.0095	1721.6 ± 47.2	43.85 ± 0.99	0.8139 ± 0.0074
84 D	1111.2 ± 32.7	56.40 ± 1.39	0.7692 ± 0.0092	1614.3 ± 44.0	46.25 ± 1.04	0.7947 ± 0.0074
85 G	975.0 ± 28.7	65.79 ± 1.75	0.6643 ± 0.0080	1337.1 ± 37.3	54.00 ± 1.20	0.6962 ± 0.0069

	14.10 T			18.79 T		
Residue	T_1, ms	T_2, ms	*NOE*	T_1, ms	T_2, ms	*NOE*
86 F	1077.9 ± 31.4	54.51 ± 1.32	0.7585 ± 0.0091	1515.5 ± 41.0	43.13 ± 0.97	0.7884 ± 0.0072
88 R	1128.9 ± 33.2	57.90 ± 1.46	0.6576 ± 0.0079	1564.3 ± 42.9	47.01 ± 1.05	0.6950 ± 0.0070
89 T	1192.5 ± 35.3	58.79 ± 1.50	0.6795 ± 0.0082	1671.7 ± 46.0	45.77 ± 1.03	0.7243 ± 0.0071
90 I	1201.5 ± 35.8	52.73 ± 1.24	0.7717 ± 0.0093	1727.9 ± 47.1	42.60 ± 0.96	0.7734 ± 0.0071
92 Q	1247.1 ± 37.0	48.71 ± 1.08	0.7992 ± 0.0096	1794.2 ± 49.4	39.94 ± 0.91	0.8144 ± 0.0075
93 A	1163.2 ± 34.4	52.19 ± 1.22	0.6841 ± 0.0082	1657.4 ± 45.2	42.04 ± 0.97	0.7764 ± 0.0072
94 D	1219.1 ± 36.5	44.75 ± 0.85	0.7740 ± 0.0093	1735.7 ± 47.9	37.06 ± 0.85	0.7945 ± 0.0073
96 M	1209.5 ± 36.0	49.94 ± 1.13	0.6707 ± 0.0080	1323.3 ± 37.4	36.46 ± 0.84	0.7791 ± 0.0073
97 K	1199.2 ± 35.7	52.74 ± 1.24	0.7334 ± 0.0088	1682.9 ± 46.6	41.69 ± 0.94	0.7820 ± 0.0073
98 E	1218.3 ± 36.2	48.63 ± 1.07	0.7234 ± 0.0136	1765.4 ± 48.4	39.73 ± 0.91	0.7509 ± 0.0072
99 A	1249.4 ± 37.4	53.81 ± 1.30	0.7214 ± 0.0087	1708.7 ± 48.0	41.72 ± 0.95	0.7571 ± 0.0072
100 G	1136.4 ± 33.4	56.29 ± 1.39	0.7561 ± 0.0091	1633.5 ± 44.6	44.00 ± 0.98	0.7617 ± 0.0072
101 I	1120.8 ± 32.9	48.14 ± 1.05	0.7392 ± 0.0089	1510.6 ± 41.7	41.45 ± 0.98	0.7655 ± 0.0072
102 N	1210.5 ± 36.1	60.83 ± 1.60	0.7110 ± 0.0085	1653.0 ± 45.6	48.62 ± 1.10	0.7242 ± 0.0071
103 V	1231.8 ± 36.8	57.25 ± 1.76	0.5777 ± 0.0083	1668.2 ± 46.0	54.17 ± 1.20	0.6040 ± 0.0066
104 D	1180.4 ± 35.1	54.43 ± 1.31	0.7671 ± 0.0092	1711.6 ± 47.7	44.28 ± 1.00	0.8112 ± 0.0074
105 Y	1222.5 ± 36.5	53.30 ± 1.27	0.7675 ± 0.0092	1749.4 ± 48.0	41.82 ± 0.95	0.7983 ± 0.0073
106 V	1241.9 ± 37.3	55.99 ± 1.37	0.7973 ± 0.0102	1891.7 ± 52.0	46.94 ± 1.06	0.8130 ± 0.0074
107 L	1201.0 ± 35.6	53.26 ± 1.26	0.8041 ± 0.0096	1805.9 ± 49.2	43.47 ± 0.98	0.8164 ± 0.0074
108 E	1192.4 ± 35.7	54.68 ± 1.32	0.7915 ± 0.0095	1819.9 ± 50.3	44.56 ± 1.00	0.8290 ± 0.0074
109 F	1201.5 ± 35.8	51.05 ± 1.17	0.8073 ± 0.0097	1818.2 ± 50.1	41.42 ± 0.94	0.8207 ± 0.0075
110 D	1166.9 ± 34.6	55.30 ± 1.35	0.7752 ± 0.0093	1715.0 ± 47.0	43.68 ± 0.99	0.8063 ± 0.0073
111 V	1279.2 ± 38.4	55.14 ± 1.34	0.7749 ± 0.0095	1886.7 ± 52.7	43.93 ± 0.98	0.7844 ± 0.0073
113 D	1214.8 ± 36.5	52.92 ± 1.26	0.7805 ± 0.0094	1731.9 ± 47.9	42.86 ± 0.97	0.8206 ± 0.0074
114 D	1220.0 ± 36.2	50.91 ± 1.17	0.7860 ± 0.0094	1771.7 ± 48.3	40.57 ± 0.92	0.8141 ± 0.0073
115 L	1266.3 ± 37.9	44.72 ± 0.98	0.7989 ± 0.0096	1814.5 ± 50.3	36.78 ± 0.84	0.8103 ± 0.0075
116 I	1231.5 ± 36.6	50.66 ± 1.16	0.7930 ± 0.0095	1772.9 ± 48.3	41.08 ± 0.92	0.7986 ± 0.0074
117 V	1186.0 ± 35.0	49.69 ± 1.11	0.7973 ± 0.0096	1746.3 ± 47.8	40.68 ± 0.93	0.8180 ± 0.0075
118 D	1135.8 ± 33.5	52.41 ± 1.22	0.6507 ± 0.0146	1790.2 ± 49.7	38.71 ± 0.88	0.8017 ± 0.0073
120 I	1296.3 ± 38.8	47.80 ± 1.03	0.7704 ± 0.0092	1871.0 ± 52.2	39.25 ± 0.89	0.8040 ± 0.0073
121 V	1174.3 ± 34.8	43.76 ± 0.75	0.7732 ± 0.0093	1708.0 ± 46.5	33.91 ± 0.78	0.8156 ± 0.0074
122 G	1195.3 ± 35.6	39.34 ± 1.11	0.7378 ± 0.0089	1739.0 ± 47.4	30.12 ± 0.76	0.7943 ± 0.0074
123 R	1160.1 ± 34.2	47.90 ± 1.04	0.7261 ± 0.0087	1594.0 ± 43.3	37.85 ± 0.86	0.7588 ± 0.0072
124 R	1109.9 ± 32.4	57.43 ± 1.45	0.6645 ± 0.0080	1584.8 ± 42.2	45.97 ± 1.03	0.7084 ± 0.0070
125 V	1089.2 ± 31.7	58.59 ± 1.49	0.6407 ± 0.0077	1489.4 ± 40.6	46.79 ± 1.06	0.6865 ± 0.0070
126 H	1169.4 ± 34.5	55.72 ± 1.37	0.7117 ± 0.0085	1654.2 ± 45.5	44.80 ± 1.01	0.7621 ± 0.0072
127 A	1149.0 ± 33.9	57.36 ± 1.45	0.5896 ± 0.0071	1552.1 ± 42.4	44.81 ± 1.03	0.6287 ± 0.0067
129 S	1126.6 ± 33.0	57.81 ± 1.46	0.6128 ± 0.0081	1505.1 ± 41.3	44.25 ± 1.00	0.6618 ± 0.0069
130 G	1103.7 ± 32.2	53.76 ± 1.30	0.6357 ± 0.0076	1483.7 ± 41.0	42.66 ± 0.96	0.6878 ± 0.0069
131 R	1159.2 ± 34.4	51.76 ± 1.20	0.6015 ± 0.0072	1505.6 ± 40.7	44.05 ± 1.02	0.6993 ± 0.0069

	14.10 T			18.79 T		
Residue	T_1, ms	T_2, ms	*NOE*	T_1, ms	T_2, ms	*NOE*
132 V	1142.3 ± 33.6	63.77 ± 1.71	0.5872 ± 0.0070	1526.6 ± 41.8	51.72 ± 1.15	0.6318 ± 0.0068
133 Y	1149.3 ± 34.0	56.92 ± 1.41	0.6616 ± 0.0079	1544.9 ± 42.4	48.15 ± 1.08	0.6787 ± 0.0070
134 H	1153.1 ± 34.0	55.43 ± 1.35	0.6630 ± 0.0080	1598.4 ± 43.0	48.15 ± 1.08	0.6837 ± 0.0069
136 K	1194.8 ± 35.3	49.47 ± 1.10	0.6194 ± 0.0074	1602.4 ± 43.6	39.52 ± 0.91	0.6631 ± 0.0069
137 F	1194.9 ± 35.6	57.24 ± 1.43	0.5971 ± 0.0137	1677.2 ± 46.2	46.07 ± 1.03	0.6370 ± 0.0068
138 N	1128.9 ± 33.2	57.90 ± 1.46	0.6576 ± 0.0079	1564.3 ± 42.9	47.01 ± 1.05	0.6950 ± 0.0070
141 K	1147.1 ± 33.7	57.94 ± 1.47	0.6178 ± 0.0126	1585.7 ± 42.8	46.91 ± 1.05	0.6453 ± 0.0068
142 V	1236.3 ± 36.8	49.80 ± 1.11	0.7042 ± 0.0085	1702.3 ± 46.2	43.08 ± 0.97	0.7170 ± 0.0070
143 E	1258.8 ± 37.6	57.44 ± 1.44	0.5738 ± 0.0069	1693.5 ± 47.0	47.32 ± 1.06	0.5965 ± 0.0066
144 G	1218.6 ± 36.2	55.66 ± 1.37	0.6586 ± 0.0079	1711.9 ± 46.5	45.17 ± 1.01	0.6743 ± 0.0068
145 K	1184.2 ± 35.0	49.97 ± 1.13	0.7065 ± 0.0085	1615.3 ± 44.4	40.65 ± 0.93	0.7285 ± 0.0071
146 D	1139.7 ± 33.6	55.99 ± 1.38	0.6747 ± 0.0081	1583.7 ± 43.0	45.25 ± 1.02	0.6937 ± 0.0069
147 D	1233.3 ± 36.7	49.48 ± 1.10	0.7076 ± 0.0133	1722.0 ± 47.0	38.25 ± 0.87	0.7284 ± 0.0071
148 V	1251.8 ± 37.5	51.85 ± 1.22	0.6614 ± 0.0085	1692.1 ± 45.7	41.44 ± 0.94	0.7074 ± 0.0070
149 T	1232.1 ± 37.0	50.29 ± 1.14	0.6895 ± 0.0167	1751.3 ± 48.2	40.35 ± 0.92	0.7195 ± 0.0070
150 G	1130.3 ± 33.1	52.15 ± 1.21	0.6729 ± 0.0081	1534.4 ± 41.7	41.43 ± 0.94	0.7086 ± 0.0070
151 E	1293.2 ± 38.6	47.64 ± 1.03	0.7413 ± 0.0089	1895.6 ± 52.6	37.83 ± 0.87	0.7756 ± 0.0072
152 E	1179.2 ± 34.9	59.87 ± 1.55	0.6050 ± 0.0073	1598.7 ± 44.0	48.33 ± 1.08	0.6334 ± 0.0068
153 L	1250.5 ± 37.6	57.02 ± 1.47	0.5143 ± 0.0123	1664.1 ± 45.5	47.67 ± 1.09	0.5203 ± 0.0064
154 T	1115.1 ± 32.5	59.70 ± 1.54	0.6112 ± 0.0073	1513.2 ± 41.3	48.57 ± 1.08	0.6500 ± 0.0068
155 T	1125.9 ± 33.4	59.85 ± 1.54	0.6213 ± 0.0075	1559.3 ± 43.3	47.76 ± 1.06	0.6586 ± 0.0068
156 R	1094.1 ± 32.1	58.60 ± 1.51	0.6588 ± 0.0079	1493.1 ± 40.8	45.55 ± 1.02	0.6839 ± 0.0068
158 D	1040.2 ± 30.7	56.04 ± 1.39	0.5650 ± 0.0073	1395.9 ± 39.0	43.64 ± 0.99	0.5951 ± 0.0066
159 D	1182.2 ± 34.9	52.75 ± 1.24	0.6775 ± 0.0081	1649.8 ± 45.0	42.13 ± 0.96	0.7141 ± 0.0071
160 Q	1193.0 ± 35.3	58.19 ± 1.47	0.5081 ± 0.0061	1596.4 ± 43.8	46.09 ± 1.03	0.5554 ± 0.0065
161 E	1149.3 ± 34.0	56.92 ± 1.41	0.6616 ± 0.0079	1817.6 ± 52.2	48.15 ± 1.08	0.7490 ± 0.0071
162 E	1290.5 ± 38.6	47.57 ± 1.03	0.7273 ± 0.0087	1770.7 ± 49.3	37.65 ± 0.86	0.7504 ± 0.0072
163 T	1350.8 ± 40.7	48.78 ± 1.09	0.7212 ± 0.0087	1896.8 ± 52.5	38.65 ± 0.88	0.7505 ± 0.0072
164 V	1324.6 ± 39.7	43.55 ± 1.00	0.7251 ± 0.0087	1812.9 ± 50.9	39.19 ± 0.91	0.7781 ± 0.0073
165 R	1274.8 ± 38.2	45.09 ± 0.99	0.7695 ± 0.0092	1900.7 ± 53.0	37.08 ± 0.86	0.8100 ± 0.0074
166 K	1319.7 ± 39.5	45.32 ± 0.66	0.7384 ± 0.0089	1868.4 ± 51.3	42.94 ± 1.04	0.7389 ± 0.0071
167 R	1296.3 ± 38.8	47.80 ± 1.03	0.7704 ± 0.0092	1871.0 ± 52.2	39.25 ± 0.89	0.8040 ± 0.0073
170 E	1184.2 ± 35.0	49.97 ± 1.13	0.7065 ± 0.0085	1615.3 ± 44.4	40.65 ± 0.93	0.7285 ± 0.0071
172 H	1236.3 ± 36.8	49.80 ± 1.11	0.7042 ± 0.0085	1702.3 ± 46.2	43.08 ± 0.97	0.7170 ± 0.0070
173 Q	1287.8 ± 38.5	44.02 ± 0.79	0.7785 ± 0.0093	1922.1 ± 53.5	36.46 ± 0.84	0.7897 ± 0.0073
174 M	1329.1 ± 40.0	47.60 ± 1.03	0.7425 ± 0.0089	1923.3 ± 53.1	37.01 ± 0.85	0.7980 ± 0.0073
175 T	1310.4 ± 39.4	47.84 ± 1.04	0.7235 ± 0.0087	1851.9 ± 51.8	38.10 ± 0.87	0.7493 ± 0.0071
176 A	1199.3 ± 35.6	48.85 ± 1.08	0.7758 ± 0.0093	1679.3 ± 45.9	38.63 ± 0.88	0.8177 ± 0.0074
178 L	1285.7 ± 38.6	47.83 ± 1.04	0.7694 ± 0.0108	1823.1 ± 50.9	38.63 ± 0.87	0.8197 ± 0.0073
179 I	1153.1 ± 34.0	55.43 ± 1.35	0.6630 ± 0.0080	1598.4 ± 43.0	48.15 ± 1.08	0.6837 ± 0.0069

	14.10 T			18.79 T		
Residue	T_1, ms	T_2, ms	*NOE*	T_1, ms	T_2, ms	*NOE*
180 G	1185.4 ± 35.0	50.90 ± 1.18	0.7911 ± 0.0095	1721.6 ± 47.2	39.39 ± 0.90	0.8326 ± 0.0074
181 Y	1210.5 ± 36.1	60.83 ± 1.60	0.7110 ± 0.0085	1653.0 ± 45.6	48.62 ± 1.10	0.7242 ± 0.0071
182 Y	1233.2 ± 36.8	45.37 ± 0.90	0.8008 ± 0.0096	1829.5 ± 50.0	36.83 ± 0.86	0.8240 ± 0.0074
183 S	1161.8 ± 34.3	50.80 ± 1.16	0.7779 ± 0.0093	1623.8 ± 44.6	39.69 ± 0.91	0.7992 ± 0.0073
185 E	1229.3 ± 36.6	48.51 ± 1.06	0.7265 ± 0.0087	1724.5 ± 47.8	42.13 ± 0.97	0.7639 ± 0.0072
186 A	1198.3 ± 35.5	49.14 ± 1.08	0.7497 ± 0.0090	1677.8 ± 46.2	43.18 ± 1.00	0.7513 ± 0.0072
187 E	1159.7 ± 34.2	54.44 ± 1.32	0.7560 ± 0.0091	1603.9 ± 44.2	44.05 ± 0.99	0.7903 ± 0.0074
188 A	1147.7 ± 33.8	53.88 ± 1.30	0.7772 ± 0.0093	1653.2 ± 44.8	43.19 ± 0.97	0.8037 ± 0.0073
189 G	1279.2 ± 38.3	52.89 ± 1.26	0.7279 ± 0.0087	1768.4 ± 48.7	42.83 ± 0.97	0.7526 ± 0.0072
190 N	1244.6 ± 37.2	49.69 ± 1.11	0.7375 ± 0.0089	1431.0 ± 40.1	45.16 ± 1.03	0.7447 ± 0.0071
191 T	1077.6 ± 31.3	64.53 ± 1.73	0.6174 ± 0.0074	1459.1 ± 39.6	50.65 ± 1.14	0.6447 ± 0.0068
192 K	1159.6 ± 34.2	59.99 ± 1.55	0.7175 ± 0.0086	1636.9 ± 44.3	48.63 ± 1.09	0.7447 ± 0.0072
193 Y	1258.8 ± 37.5	56.26 ± 1.39	0.7168 ± 0.0086	1840.0 ± 50.8	47.53 ± 1.07	0.7523 ± 0.0072
194 A	1197.0 ± 35.6	51.78 ± 1.22	0.8025 ± 0.0096	1749.6 ± 47.6	43.62 ± 1.01	0.7768 ± 0.0073
195 K	1294.3 ± 38.9	56.79 ± 1.41	0.7305 ± 0.0088	1913.0 ± 53.2	47.03 ± 1.07	0.7583 ± 0.0072
196 V	1206.2 ± 35.9	56.38 ± 1.41	0.7025 ± 0.0089	1757.0 ± 48.6	45.29 ± 1.01	0.7209 ± 0.0071
197 D	1229.3 ± 36.9	55.87 ± 1.37	0.7598 ± 0.0091	1781.1 ± 49.5	45.14 ± 1.02	0.7802 ± 0.0073
198 G	1205.5 ± 36.0	56.89 ± 1.41	0.7536 ± 0.0090	1782.6 ± 48.8	45.97 ± 1.03	0.7669 ± 0.0073
199 T	1193.0 ± 35.4	48.67 ± 1.07	0.7652 ± 0.0092	1680.6 ± 46.1	38.60 ± 0.88	0.7942 ± 0.0074
200 K	1307.7 ± 39.2	45.90 ± 1.06	0.7540 ± 0.0090	1844.2 ± 50.9	37.37 ± 0.85	0.7755 ± 0.0072
202 V	1278.3 ± 38.9	48.84 ± 1.08	0.6969 ± 0.0084	1808.7 ± 51.6	43.68 ± 1.02	0.6762 ± 0.0069
203 A	1219.1 ± 36.5	44.75 ± 0.85	0.7740 ± 0.0093	1735.7 ± 47.9	37.06 ± 0.85	0.7945 ± 0.0073
204 E	1268.1 ± 37.9	49.47 ± 1.12	0.7295 ± 0.0088	1832.5 ± 50.6	39.48 ± 0.89	0.7618 ± 0.0072
205 V	1315.9 ± 39.7	47.17 ± 1.02	0.7178 ± 0.0086	1772.6 ± 49.6	39.94 ± 0.91	0.7364 ± 0.0071
206 R	1315.5 ± 39.7	44.68 ± 0.96	0.7680 ± 0.0092	1927.3 ± 53.4	36.02 ± 0.83	0.8047 ± 0.0074
207 A	1322.7 ± 39.9	44.55 ± 0.76	0.7862 ± 0.0094	1908.0 ± 53.2	36.23 ± 0.83	0.8044 ± 0.0074
208 D	1181.6 ± 35.0	51.40 ± 1.18	0.7772 ± 0.0093	1901.0 ± 52.9	41.46 ± 0.95	0.7809 ± 0.0073
209 L	1318.9 ± 39.9	44.89 ± 0.88	0.7678 ± 0.0092	1978.3 ± 55.5	37.19 ± 0.86	0.7652 ± 0.0073
210 E	1287.8 ± 38.5	44.02 ± 0.79	0.7785 ± 0.0093	1886.0 ± 51.8	37.03 ± 0.85	0.8035 ± 0.0074
212 I	1335.2 ± 40.3	50.39 ± 1.15	0.7223 ± 0.0087	1901.9 ± 53.1	39.55 ± 0.90	0.7641 ± 0.0072
213 L	1244.6 ± 37.2	48.69 ± 1.07	0.7375 ± 0.0089	1754.4 ± 49.0	40.95 ± 0.95	0.7598 ± 0.0072
214 G	1113.1 ± 32.5	64.29 ± 1.72	0.4472 ± 0.0059	1415.8 ± 38.1	51.33 ± 1.14	0.5277 ± 0.0064

Table S2. The Results of SRLS Fitting of Combined *E. coli* Adenylate Kinase ^{15}N Relaxation Data Obtained at 14.10 and 18.79 T

Res.	Model	c_{20}, k_BT		$f = \tau/\tau_m$ (or $\tau_\perp/\tau_m$)		β, deg.		S^2		S_f^2		$\tau_{\|}$, ps		$\tau_\perp$, ns		R_{ex}, 1/s	
2	4	11.547	0.908	0.0032	0.0006	0.0	0.0	0.829	0.013	1.000	0.000	47.6	9.3	0.00	0.00	1.85	0.33
3	1	15.516	1.477	0.0000	0.0000	0.0	0.0	0.872	0.012	1.000	0.000	0.0	0.0	0.00	0.00	0.00	0.00
4	4	10.333	0.457	0.0075	0.0008	0.0	0.0	0.809	0.008	1.000	0.000	112.5	12.2	0.00	0.00	1.70	0.32
5	4	15.253	5.746	0.0039	0.0012	0.0	0.0	0.870	0.023	1.000	0.000	59.0	18.3	0.00	0.00	2.21	0.44
6	4	14.955	1.574	0.0060	0.0010	0.0	0.0	0.868	0.012	1.000	0.000	91.0	14.9	0.00	0.00	0.88	0.37
7	4	10.363	0.490	0.0058	0.0007	0.0	0.0	0.809	0.009	1.000	0.000	87.0	10.4	0.00	0.00	1.81	0.30
8	4	12.106	0.601	0.0075	0.0009	0.0	0.0	0.837	0.008	1.000	0.000	112.6	13.5	0.00	0.00	1.18	0.32
11	4	12.172	0.730	0.0060	0.0008	0.0	0.0	0.838	0.009	1.000	0.000	90.1	12.0	0.00	0.00	3.47	0.35
15	8	1.027	1.010	0.7313	0.1024	16.9	2.7	0.039	0.095	0.762	0.069	14.8	7.4	11.04	1.55	7.07	1.38
16	8	2.948	0.782	0.5166	0.0921	19.9	2.2	0.244	0.082	0.682	0.057	3.2	4.0	7.80	1.39	7.11	1.44
18	4	12.333	0.898	0.0046	0.0007	0.0	0.0	0.840	0.011	1.000	0.000	68.8	10.9	0.00	0.00	2.28	0.34
19	4	14.528	1.175	0.0065	0.0010	0.0	0.0	0.864	0.010	1.000	0.000	98.4	14.6	0.00	0.00	1.55	0.32
20	4	14.811	1.812	0.0138	0.0057	0.0	0.0	0.866	0.013	1.000	0.000	207.8	85.5	0.00	0.00	0.81	0.45
22	4	12.973	1.177	0.0042	0.0008	0.0	0.0	0.848	0.012	1.000	0.000	63.5	11.4	0.00	0.00	2.69	0.35
23	4	12.199	0.728	0.0064	0.0008	0.0	0.0	0.838	0.009	1.000	0.000	97.2	12.2	0.00	0.00	2.28	0.31
24	4	12.089	1.003	0.0038	0.0007	0.0	0.0	0.836	0.012	1.000	0.000	57.7	10.4	0.00	0.00	2.23	0.35
25	4	10.960	0.785	0.0030	0.0006	0.0	0.0	0.820	0.012	1.000	0.000	44.7	8.4	0.00	0.00	3.88	0.36
26	4	9.246	0.503	0.0030	0.0004	0.0	0.0	0.787	0.011	1.000	0.000	44.6	6.8	0.00	0.00	3.06	0.34
28	4	10.691	0.547	0.0056	0.0007	0.0	0.0	0.815	0.009	1.000	0.000	84.5	10.6	0.00	0.00	1.26	0.30
29	4	12.633	0.802	0.0060	0.0008	0.0	0.0	0.843	0.010	1.000	0.000	90.1	12.2	0.00	0.00	1.07	0.32
30	6	2.534	1.107	0.6869	0.1170	16.0	2.5	0.226	0.124	0.786	0.056	10.2	15.9	10.37	1.77	0.00	0.00
32	8	3.008	0.946	0.6085	0.1042	16.1	2.4	0.287	0.108	0.782	0.054	4.4	8.1	9.19	1.57	2.29	1.28
33	8	3.233	0.626	0.4885	0.0780	18.8	1.9	0.287	0.069	0.713	0.048	2.9	3.5	7.38	1.18	3.27	1.21
36	8	3.000	0.980	0.6230	0.1094	18.3	2.5	0.266	0.104	0.726	0.058	3.0	5.7	9.41	1.65	2.78	1.28
37	6	3.440	0.849	0.6185	0.0987	14.7	1.9	0.354	0.105	0.817	0.036	4.8	17.5	9.34	1.49	0.00	0.00

Res.	Model	c_{20}, k_BT		$f = \tau/\tau_m$ (or $\tau_\perp/\tau_m$)		β, deg.		S^2		S_f^2		$\tau_\parallel$, ps		$\tau_\perp$, ns		R_{ex}, 1/s	
38	6	3.665	0.827	0.6092	0.0929	15.5	1.5	0.370	0.095	0.797	0.032	4.5	8.7	9.20	1.40	0.00	0.00
39	6	4.283	0.707	0.5713	0.0747	15.4	0.7	0.430	0.068	0.800	0.015	4.4	2.9	8.63	1.13	0.00	0.00
40	6	4.182	0.624	0.5639	0.0666	14.7	0.6	0.430	0.062	0.816	0.013	5.3	2.6	8.51	1.00	0.00	0.00
41	8	3.887	0.408	0.3890	0.0480	19.8	1.5	0.337	0.040	0.684	0.041	5.5	1.4	5.87	0.72	2.50	1.13
42	8	3.906	0.397	0.3796	0.0455	20.2	1.6	0.333	0.039	0.673	0.043	6.6	1.4	5.73	0.69	3.92	1.22
43	6	4.746	0.525	0.5259	0.0527	16.2	0.5	0.454	0.039	0.779	0.011	8.5	2.0	7.94	0.80	0.00	0.00
45	6	4.210	0.600	0.5056	0.0674	15.8	0.6	0.419	0.057	0.790	0.014	7.7	3.4	7.63	1.02	0.00	0.00
46	8	3.555	0.582	0.4713	0.0717	19.8	1.6	0.308	0.061	0.684	0.043	4.6	2.5	7.12	1.08	3.95	1.28
47	6	4.146	0.660	0.5613	0.0723	14.8	0.8	0.426	0.069	0.814	0.016	7.4	6.9	8.47	1.09	0.00	0.00
48	8	2.303	1.143	0.7260	0.1248	18.6	2.6	0.177	0.115	0.719	0.065	6.7	6.5	10.96	1.88	3.67	1.22
49	6	3.839	0.607	0.5394	0.0712	15.9	0.7	0.383	0.067	0.787	0.017	9.3	5.8	8.15	1.07	0.00	0.00
50	8	4.048	0.545	0.4642	0.0627	18.5	1.6	0.370	0.052	0.722	0.042	4.8	1.8	7.01	0.95	2.80	1.27
51	6	4.297	0.641	0.5638	0.0679	15.2	0.6	0.434	0.060	0.805	0.013	7.0	3.1	8.51	1.02	0.00	0.00
52	8	3.494	0.556	0.4670	0.0694	20.1	1.5	0.299	0.058	0.677	0.042	4.6	2.4	7.05	1.05	3.19	1.16
53	8	3.879	0.505	0.4688	0.0604	19.2	1.5	0.345	0.049	0.702	0.041	5.2	1.6	7.08	0.91	3.41	1.29
54	6	4.666	0.558	0.5247	0.0566	15.4	0.5	0.460	0.045	0.800	0.012	6.6	2.0	7.92	0.85	0.00	0.00
55	8	4.299	0.483	0.4253	0.0520	19.3	1.5	0.378	0.042	0.700	0.041	4.5	1.2	6.42	0.78	3.27	1.26
56	8	3.465	0.466	0.4260	0.0587	20.7	1.5	0.289	0.049	0.661	0.042	4.9	1.7	6.43	0.89	3.49	1.18
57	6	4.493	0.492	0.4781	0.0536	16.9	0.5	0.426	0.040	0.762	0.012	4.9	1.5	7.22	0.81	0.00	0.00
60	8	3.983	0.471	0.4233	0.0563	20.2	1.5	0.340	0.044	0.674	0.041	5.4	1.5	6.39	0.85	2.90	1.20
61	2	14.008	0.679	0.0121	0.0015	0.0	0.0	0.859	0.007	1.000	0.000	182.5	23.1	0.00	0.00	0.00	0.00
62	4	13.168	0.750	0.0086	0.0011	0.0	0.0	0.850	0.008	1.000	0.000	129.9	16.2	0.00	0.00	1.56	0.31
63	4	14.259	0.888	0.0087	0.0011	0.0	0.0	0.861	0.008	1.000	0.000	131.3	17.0	0.00	0.00	1.30	0.30
64	4	14.659	1.123	0.0071	0.0010	0.0	0.0	0.865	0.010	1.000	0.000	106.9	15.2	0.00	0.00	1.37	0.31
65	4	14.810	1.173	0.0062	0.0010	0.0	0.0	0.866	0.010	1.000	0.000	94.3	14.4	0.00	0.00	1.68	0.32
66	4	16.856	1.988	0.0081	0.0013	0.0	0.0	0.882	0.011	1.000	0.000	122.2	19.6	0.00	0.00	1.55	0.32
68	4	15.598	1.517	0.0075	0.0012	0.0	0.0	0.873	0.011	1.000	0.000	112.7	17.5	0.00	0.00	1.01	0.34
69	4	15.142	1.421	0.0066	0.0010	0.0	0.0	0.869	0.011	1.000	0.000	99.9	15.7	0.00	0.00	1.69	0.33
71	4	10.740	0.642	0.0040	0.0006	0.0	0.0	0.816	0.011	1.000	0.000	60.6	8.9	0.00	0.00	3.85	0.36
72	4	20.034	4.204	0.0064	0.0014	0.0	0.0	0.901	0.015	1.000	0.000	97.1	20.7	0.00	0.00	1.69	0.35

Res.	Model	c_{20}, k_BT	$f = \tau/\tau_m$ (or $\tau_\perp/\tau_m$)	β, deg.	S^2	S_f^2	$\tau_{\|}$, ps	$\tau_\perp$, ns	R_{ex}, 1/s
73	4	20.496 5.537	0.0062 0.0016	0.0 0.0	0.903 0.018	1.000 0.000	94.1 24.5	0.00 0.00	1.99 0.42
74	4	13.025 1.413	0.0037 0.0008	0.0 0.0	0.848 0.014	1.000 0.000	55.2 11.4	0.00 0.00	1.86 0.35
75	4	12.222 0.680	0.0069 0.0009	0.0 0.0	0.838 0.009	1.000 0.000	103.6 13.3	0.00 0.00	1.55 0.30
77	4	12.394 1.137	0.0033 0.0007	0.0 0.0	0.840 0.013	1.000 0.000	49.6 10.2	0.00 0.00	2.17 0.34
78	4	14.246 1.089	0.0066 0.0010	0.0 0.0	0.861 0.010	1.000 0.000	99.1 14.5	0.00 0.00	1.75 0.32
79	4	11.007 0.542	0.0061 0.0007	0.0 0.0	0.821 0.009	1.000 0.000	92.2 11.2	0.00 0.00	1.91 0.31
80	4	10.655 0.501	0.0061 0.0007	0.0 0.0	0.815 0.009	1.000 0.000	91.7 10.5	0.00 0.00	1.63 0.30
81	4	14.507 1.614	0.0047 0.0009	0.0 0.0	0.864 0.013	1.000 0.000	70.4 13.1	0.00 0.00	1.26 0.34
82	1	18.676 1.477	0.0000 0.0000	0.0 0.0	0.894 0.012	1.000 0.000	0.0 0.0	0.00 0.00	0.00 0.00
83	4	15.359 5.309	0.0046 0.0013	0.0 0.0	0.871 0.020	1.000 0.000	69.4 18.9	0.00 0.00	1.00 0.40
84	2	16.099 1.258	0.0081 0.0012	0.0 0.0	0.877 0.009	1.000 0.000	122.9 18.8	0.00 0.00	0.00 0.00
85	6	3.379 0.612	0.4920 0.0753	16.6 1.2	0.327 0.074	0.770 0.027	6.8 8.1	7.43 1.14	0.00 0.00
86	4	16.332 1.143	0.0113 0.0016	0.0 0.0	0.879 0.008	1.000 0.000	171.2 24.8	0.00 0.00	0.94 0.34
88	2	12.141 0.484	0.0132 0.0015	0.0 0.0	0.837 0.007	1.000 0.000	199.1 23.0	0.00 0.00	0.00 0.00
89	4	10.659 0.473	0.0075 0.0008	0.0 0.0	0.815 0.008	1.000 0.000	113.8 12.1	0.00 0.00	1.06 0.32
90	4	12.328 0.803	0.0052 0.0008	0.0 0.0	0.840 0.010	1.000 0.000	78.9 11.4	0.00 0.00	1.94 0.32
92	4	13.760 4.288	0.0030 0.0009	0.0 0.0	0.856 0.021	1.000 0.000	44.5 13.1	0.00 0.00	2.87 0.47
94	4	13.239 1.025	0.0046 0.0008	0.0 0.0	0.851 0.011	1.000 0.000	69.8 11.5	0.00 0.00	4.37 0.37
97	4	12.427 0.744	0.0061 0.0008	0.0 0.0	0.841 0.009	1.000 0.000	92.2 12.3	0.00 0.00	2.10 0.32
98	4	10.901 0.587	0.0054 0.0007	0.0 0.0	0.819 0.010	1.000 0.000	82.0 10.5	0.00 0.00	3.42 0.34
99	4	10.995 0.564	0.0057 0.0007	0.0 0.0	0.820 0.009	1.000 0.000	85.7 10.7	0.00 0.00	2.29 0.32
100	4	13.122 0.765	0.0078 0.0010	0.0 0.0	0.849 0.009	1.000 0.000	117.2 14.9	0.00 0.00	1.12 0.31
101	4	14.844 3.425	0.0115 0.0123	0.0 0.0	0.867 0.015	1.000 0.000	173.6 18.3	0.00 0.00	2.26 0.53
102	2	11.304 0.434	0.0078 0.0008	0.0 0.0	0.825 0.007	1.000 0.000	117.4 12.6	0.00 0.00	0.00 0.00
103	6	4.352 0.597	0.5270 0.0652	19.2 0.5	0.383 0.048	0.702 0.013	5.7 1.8	7.96 0.98	0.00 0.00
104	4	14.251 1.648	0.0049 0.0009	0.0 0.0	0.861 0.013	1.000 0.000	74.5 13.8	0.00 0.00	1.12 0.36
105	4	12.670 0.987	0.0043 0.0007	0.0 0.0	0.844 0.011	1.000 0.000	65.4 11.0	0.00 0.00	2.02 0.33
106	2	17.034 5.051	0.0011 0.0011	0.0 0.0	0.884 0.023	1.000 0.000	16.3 16.3	0.00 0.00	0.00 0.00
107	4	14.523 7.044	0.0029 0.0011	0.0 0.0	0.864 0.028	1.000 0.000	44.3 16.9	0.00 0.00	1.41 0.51
108	4	15.148 7.878	0.0026 0.0012	0.0 0.0	0.869 0.031	1.000 0.000	39.2 18.0	0.00 0.00	0.98 0.48

Res.	Model	c_{20}, k_BT		$f = \tau/\tau_m$ (or $\tau_\perp/\tau_m$)		β, deg.		S^2		S_f^2		$\tau_{\|}$, ps		$\tau\perp$, ns		R_{ex}, 1/s	
109	4	15.069	8.826	0.0026	0.0012	0.0	0.0	0.869	0.034	1.000	0.000	38.8	18.8	0.00	0.00	2.04	0.56
110	4	14.218	1.532	0.0050	0.0009	0.0	0.0	0.861	0.012	1.000	0.000	75.3	13.4	0.00	0.00	1.17	0.35
111	4	10.558	0.712	0.0029	0.0005	0.0	0.0	0.813	0.012	1.000	0.000	43.8	7.9	0.00	0.00	1.87	0.33
113	4	14.522	3.198	0.0039	0.0010	0.0	0.0	0.864	0.017	1.000	0.000	59.6	14.4	0.00	0.00	1.55	0.38
114	4	13.782	3.146	0.0035	0.0009	0.0	0.0	0.856	0.017	1.000	0.000	53.3	13.3	0.00	0.00	2.41	0.38
115	4	13.169	2.093	0.0028	0.0007	0.0	0.0	0.850	0.017	1.000	0.000	41.9	11.0	0.00	0.00	4.43	0.42
116	4	13.014	2.269	0.0037	0.0008	0.0	0.0	0.848	0.015	1.000	0.000	56.5	12.2	0.00	0.00	2.43	0.37
117	4	15.572	5.867	0.0038	0.0012	0.0	0.0	0.873	0.023	1.000	0.000	56.6	18.4	0.00	0.00	2.29	0.47
120	4	11.292	0.986	0.0027	0.0006	0.0	0.0	0.825	0.014	1.000	0.000	40.2	8.9	0.00	0.00	3.65	0.38
121	4	15.027	3.835	0.0048	0.0011	0.0	0.0	0.868	0.017	1.000	0.000	73.0	6.1	0.00	0.00	5.10	0.42
122	8	3.514	1.252	0.6823	0.1423	16.2	3.3	0.346	0.135	0.780	0.071	2.4	18.5	10.30	2.15	6.07	1.86
123	8	3.521	0.816	0.5960	0.0952	17.3	2.0	0.335	0.091	0.752	0.049	3.1	4.8	9.00	1.44	3.61	1.39
124	8	3.421	0.735	0.5281	0.0930	19.4	1.8	0.300	0.078	0.696	0.047	4.4	4.4	7.97	1.40	2.61	1.13
125	8	3.726	0.535	0.4622	0.0652	19.3	1.5	0.330	0.054	0.699	0.041	4.5	2.0	6.98	0.98	2.64	1.20
126	8	3.451	0.805	0.5597	0.0952	19.3	1.8	0.304	0.084	0.700	0.048	2.7	2.9	8.45	1.44	2.53	1.23
127	8	3.968	0.489	0.4462	0.0576	20.4	1.5	0.337	0.045	0.669	0.041	5.2	1.4	6.74	0.87	3.46	1.24
129	8	3.808	0.561	0.4193	0.0701	20.8	1.7	0.318	0.054	0.658	0.047	4.4	3.9	6.33	1.06	4.20	1.26
130	8	4.091	0.530	0.4567	0.0601	18.3	1.6	0.376	0.050	0.727	0.042	4.3	1.5	6.90	0.91	3.06	1.30
132	6	4.465	0.449	0.4619	0.0500	18.2	0.4	0.406	0.036	0.730	0.011	5.5	1.3	6.98	0.75	0.00	0.00
133	6	3.834	0.720	0.5736	0.0773	16.9	0.9	0.370	0.073	0.762	0.021	5.7	6.6	8.66	1.17	0.00	0.00
134	6	3.701	0.823	0.6042	0.0909	17.0	1.2	0.356	0.088	0.760	0.028	5.8	7.2	9.12	1.37	0.00	0.00
136	8	4.528	0.624	0.5065	0.0642	17.9	1.6	0.414	0.051	0.735	0.041	4.5	1.4	7.65	0.97	3.00	1.35
137	8	3.630	0.971	0.5500	0.1129	20.1	1.8	0.311	0.092	0.676	0.046	5.6	6.1	8.30	1.71	2.41	1.15
138	6	3.989	0.722	0.5580	0.0789	16.8	1.0	0.387	0.072	0.766	0.022	5.1	7.8	8.43	1.19	0.00	0.00
141	6	3.877	1.023	0.5844	0.1093	17.1	1.4	0.372	0.102	0.757	0.032	6.9	11.2	8.82	1.65	0.00	0.00
142	6	3.681	0.991	0.6944	0.1076	16.0	1.7	0.367	0.110	0.786	0.036	4.9	9.1	10.49	1.62	0.00	0.00
143	6	4.682	0.583	0.5504	0.0577	18.4	0.4	0.418	0.043	0.725	0.011	5.9	1.5	8.31	0.87	0.00	0.00
144	6	3.724	0.903	0.6535	0.0978	17.3	1.3	0.355	0.094	0.752	0.031	5.7	7.2	9.87	1.48	0.00	0.00
145	6	3.923	0.863	0.6570	0.0934	14.8	1.3	0.405	0.096	0.815	0.027	4.8	8.3	9.92	1.41	0.00	0.00
146	6	3.634	0.892	0.6210	0.0978	16.3	1.6	0.358	0.098	0.778	0.034	6.1	11.7	9.38	1.48	0.00	0.00

Res.	Model	c_{20}, k_BT		$f = \tau/\tau_m$ (or $\tau_\perp/\tau_m$)		β, deg.		S^2		S_f^2		$\tau_{\|}$, ps		$\tau_\perp$, ns		R_{ex}, 1/s	
147	8	3.219	1.056	0.6234	0.1177	19.4	2.3	0.279	0.105	0.696	0.058	3.7	5.6	9.41	1.78	4.43	1.37
148	8	4.243	0.716	0.5322	0.0787	19.2	1.5	0.375	0.064	0.703	0.041	3.2	1.6	8.04	1.19	2.87	1.30
149	6	3.890	1.033	0.6970	0.1103	15.7	1.6	0.390	0.111	0.792	0.034	4.8	8.9	10.53	1.67	0.00	0.00
150	8	3.753	0.705	0.5231	0.0795	18.2	1.7	0.347	0.071	0.728	0.044	4.2	5.1	7.90	1.20	3.13	1.30
151	8	2.898	1.183	0.7468	0.1289	18.3	2.5	0.253	0.122	0.726	0.060	2.9	4.1	11.28	1.95	3.41	1.39
152	6	4.311	0.575	0.5333	0.0619	17.8	0.5	0.399	0.050	0.738	0.013	5.9	2.1	8.05	0.93	0.00	0.00
154	6	4.297	0.536	0.5024	0.0593	17.0	0.5	0.409	0.048	0.759	0.012	6.0	2.2	7.59	0.90	0.00	0.00
155	8	3.690	0.620	0.4774	0.0794	20.2	1.6	0.316	0.063	0.675	0.042	5.0	3.1	7.21	1.20	2.60	1.14
156	8	3.257	0.609	0.4888	0.0754	20.2	1.7	0.274	0.064	0.674	0.046	5.1	3.6	7.38	1.14	3.62	1.24
158	8	3.777	0.479	0.4313	0.0604	19.1	1.6	0.337	0.049	0.704	0.044	7.8	2.8	6.51	0.91	3.67	1.28
159	8	3.658	0.773	0.5636	0.0921	18.9	4.2	0.329	0.079	0.710	0.045	3.9	3.9	8.51	1.39	2.89	1.26
160	8	4.634	0.474	0.4082	0.0450	20.4	1.4	0.383	0.036	0.669	0.038	5.7	1.0	6.16	0.68	2.84	1.12
162	4	10.281	0.528	0.0047	0.0006	0.0	0.0	0.808	0.010	1.000	0.000	71.7	9.2	0.00	0.00	4.27	0.35
163	4	9.015	0.450	0.0034	0.0005	0.0	0.0	0.781	0.011	1.000	0.000	50.6	6.8	0.00	0.00	4.26	0.35
165	4	11.558	2.281	0.0024	0.0006	0.0	0.0	0.829	0.018	1.000	0.000	36.9	9.3	0.00	0.00	4.61	0.44
167	4	11.292	0.986	0.0027	0.0006	0.0	0.0	0.825	0.014	1.000	0.000	40.2	8.9	0.00	0.00	3.65	0.38
170	4	11.610	0.554	0.0085	0.0010	0.0	0.0	0.830	0.008	1.000	0.000	127.9	14.8	0.00	0.00	2.76	0.32
172	4	10.462	0.487	0.0067	0.0008	0.0	0.0	0.811	0.009	1.000	0.000	101.1	11.5	0.00	0.00	2.60	0.34
173	4	10.798	0.839	0.0026	0.0005	0.0	0.0	0.817	0.014	1.000	0.000	39.1	7.7	0.00	0.00	5.31	0.41
174	4	9.899	0.632	0.0025	0.0005	0.0	0.0	0.801	0.012	1.000	0.000	37.9	6.9	0.00	0.00	4.60	0.38
175	4	9.564	0.484	0.0039	0.0005	0.0	0.0	0.794	0.010	1.000	0.000	59.3	7.8	0.00	0.00	4.35	0.35
176	4	15.035	1.874	0.0049	0.0009	0.0	0.0	0.868	0.013	1.000	0.000	74.6	14.0	0.00	0.00	2.93	0.36
178	4	12.542	1.479	0.0027	0.0007	0.0	0.0	0.842	0.016	1.000	0.000	40.4	10.9	0.00	0.00	3.53	0.39
179	4	10.900	0.474	0.0103	0.0011	0.0	0.0	0.819	0.008	1.000	0.000	155.0	17.2	0.00	0.00	0.75	0.41
180	4	16.459	6.227	0.0038	0.0013	0.0	0.0	0.880	0.023	1.000	0.000	56.7	19.5	0.00	0.00	2.35	0.46
181	2	11.304	0.434	0.0078	0.0008	0.0	0.0	0.825	0.007	1.000	0.000	117.4	12.6	0.00	0.00	0.00	0.00
182	4	14.693	5.563	0.0023	0.0001	0.0	0.0	0.865	0.026	1.000	0.000	34.4	14.9	0.00	0.00	4.11	0.56
183	4	14.975	1.292	0.0066	0.0010	0.0	0.0	0.868	0.011	1.000	0.000	100.3	15.3	0.00	0.00	2.38	0.34
185	4	11.519	0.676	0.0058	0.0007	0.0	0.0	0.828	0.010	1.000	0.000	86.9	11.3	0.00	0.00	2.79	0.35
186	4	12.114	0.720	0.0067	0.0008	0.0	0.0	0.837	0.009	1.000	0.000	100.8	12.8	0.00	0.00	2.33	0.35

Res.	Model	c_{20}, k_BT	$f = \tau/\tau_m$ (or $\tau_\perp/\tau_m$)	β, deg.	S^2	S_f^2	$\tau_{\|}$, ps	$\tau\perp$, ns	R_{ex}, 1/s
187	4	14.302 1.006	0.0075 0.0010	0.0 0.0	0.862 0.009	1.000 0.000	113.4 15.7	0.00 0.00	1.09 0.33
188	4	15.088 1.525	0.0062 0.0010	0.0 0.0	0.869 0.011	1.000 0.000	93.6 15.0	0.00 0.00	1.26 0.32
189	4	10.385 0.535	0.0048 0.0006	0.0 0.0	0.810 0.010	1.000 0.000	72.5 9.3	0.00 0.00	2.31 0.32
191	8	3.344 0.519	0.4419 0.0676	21.0 1.5	0.273 0.054	0.651 0.042	5.8 2.5	6.67 1.02	3.00 1.14
192	2	12.143 0.513	0.0082 0.0009	0.0 0.0	0.837 0.007	1.000 0.000	124.1 13.8	0.00 0.00	0.00 0.00
193	4	12.916 1.163	0.0047 0.0008	0.0 0.0	0.847 0.012	1.000 0.000	70.4 12.0	0.00 0.00	1.74 0.34
195	4	9.422 0.495	0.0034 0.0005	0.0 0.0	0.791 0.011	1.000 0.000	51.2 7.0	0.00 0.00	1.42 0.31
196	4	10.193 0.458	0.0061 0.0007	0.0 0.0	0.806 0.009	1.000 0.000	92.5 10.4	0.00 0.00	1.49 0.29
197	4	11.609 0.754	0.0044 0.0007	0.0 0.0	0.830 0.011	1.000 0.000	65.7 10.1	0.00 0.00	1.28 0.31
198	4	11.362 0.662	0.0048 0.0007	0.0 0.0	0.826 0.010	1.000 0.000	72.6 10.0	0.00 0.00	1.07 0.32
199	4	13.595 1.061	0.0057 0.0009	0.0 0.0	0.854 0.011	1.000 0.000	85.3 13.0	0.00 0.00	3.14 0.34
200	4	10.436 0.640	0.0034 0.0005	0.0 0.0	0.811 0.011	1.000 0.000	52.1 8.1	0.00 0.00	4.60 0.38
202	6	2.638 1.333	0.8468 0.1380	15.5 2.7	0.243 0.148	0.797 0.058	9.4 16.6	12.79 2.08	0.00 0.00
203	4	13.239 1.025	0.0046 0.0008	0.0 0.0	0.851 0.011	1.000 0.000	69.8 11.5	0.00 0.00	4.37 0.37
204	4	10.224 0.555	0.0042 0.0006	0.0 0.0	0.807 0.010	1.000 0.000	62.8 8.4	0.00 0.00	3.56 0.34
205	4	9.922 0.508	0.0049 0.0006	0.0 0.0	0.801 0.010	1.000 0.000	73.6 9.3	0.00 0.00	3.91 0.37
206	4	10.601 0.901	0.0022 0.0005	0.0 0.0	0.814 0.015	1.000 0.000	33.6 7.8	0.00 0.00	5.21 0.41
207	4	11.029 1.735	0.0021 0.0006	0.0 0.0	0.821 0.018	1.000 0.000	32.4 8.5	0.00 0.00	5.20 0.43
208	4	11.612 0.773	0.0035 0.0006	0.0 0.0	0.830 0.011	1.000 0.000	53.5 9.4	0.00 0.00	2.53 0.34
209	4	9.427 0.599	0.0026 0.0004	0.0 0.0	0.791 0.013	1.000 0.000	39.3 6.6	0.00 0.00	5.29 0.41
210	4	11.633 2.657	0.0025 0.0006	0.0 0.0	0.830 0.020	1.000 0.000	38.3 9.8	0.00 0.00	4.98 0.45
212	4	9.239 0.474	0.0032 0.0005	0.0 0.0	0.786 0.011	1.000 0.000	48.6 6.8	0.00 0.00	3.74 0.35
213	4	11.125 0.628	0.0052 0.0007	0.0 0.0	0.822 0.010	1.000 0.000	77.8 10.4	0.00 0.00	3.10 0.35
214	6	5.454 0.287	0.3361 0.0330	16.6 0.7	0.491 0.019	0.771 0.017	7.1 1.3	5.07 0.50	0.00 0.00

Table S3. The Results of MF Fitting of Combined *E. coli* Adenylate Kinase ^{15}N Relaxation Data Obtained at 14.10 and 18.79 T

Res.	Model	S^2	S^2_f	τ_s, ns	τ_f, ps	R_{ex}, 1/s
2	2	0.851 ± 0.011	1.000 ± 0.000		10.5 ± 2.1	
3	2	0.860 ± 0.011	1.000 ± 0.000		6.9 ± 1.8	
4	2	0.859 ± 0.011	1.000 ± 0.000		29.6 ± 3.5	
6	2	0.872 ± 0.011	1.000 ± 0.000		12.6 ± 2.7	
7	2	0.851 ± 0.011	1.000 ± 0.000		22.3 ± 2.8	
8	5	0.844 ± 0.014	0.878 ± 0.012	0.58 ± 0.14		
18	7	0.806 ± 0.042	0.832 ± 0.034	0.71 ± 0.33		1.79 ± 0.72
19	2	0.896 ± 0.012	1.000 ± 0.000		17.2 ± 3.7	
20	5	0.860 ± 0.015	0.914 ± 0.013	0.89 ± 0.13		
22	4	0.854 ± 0.016	1.000 ± 0.000		11.0 ± 2.3	1.52 ± 0.37
23	2	0.899 ± 0.011	1.000 ± 0.000		25.9 ± 4.6	
24	7	0.812 ± 0.037	0.831 ± 0.031	0.56 ± 0.32		1.59 ± 0.65
25	4	0.806 ± 0.016	1.000 ± 0.000		8.4 ± 1.6	3.08 ± 0.40
26	4	0.774 ± 0.016	1.000 ± 0.000		9.9 ± 1.6	2.32 ± 0.40
28	2	0.837 ± 0.010	1.000 ± 0.000		18.2 ± 2.3	
29	2	0.858 ± 0.011	1.000 ± 0.000		15.7 ± 2.5	
30	6	0.743 ± 0.020	0.810 ± 0.013	5.07 ± 2.78	24.3 ± 4.4	
32	5	0.902 ± 0.015	0.945 ± 0.013	0.80 ± 0.17		
33	5	0.826 ± 0.015	0.898 ± 0.012	1.15 ± 0.11		
35	2	0.890 ± 0.016	1.000 ± 0.000		73.9 ± 22.9	
36	2	0.891 ± 0.012	1.000 ± 0.000		23.1 ± 4.2	
37	5	0.860 ± 0.016	0.914 ± 0.013	0.89 ± 0.13		
38	5	0.854 ± 0.017	0.902 ± 0.014	0.71 ± 0.16		
39	5	0.879 ± 0.014	0.920 ± 0.012	0.46 ± 0.12		
40	5	0.883 ± 0.014	0.934 ± 0.012	0.57 ± 0.13		
41	6	0.740 ± 0.013	0.831 ± 0.015	1.22 ± 0.23	21.9 ± 6.0	
43	5	0.858 ± 0.013	0.925 ± 0.013	0.30 ± 0.06		
45	5	0.812 ± 0.014	0.902 ± 0.011	0.71 ± 0.06		
46	5	0.861 ± 0.014	0.921 ± 0.012	0.59 ± 0.10		
47	5	0.881 ± 0.016	0.940 ± 0.012	0.52 ± 0.12		
49	6	0.799 ± 0.013	0.861 ± 0.014	1.46 ± 0.66		
50	5	0.863 ± 0.013	0.925 ± 0.011	0.54 ± 0.09		
51	5	0.884 ± 0.014	0.936 ± 0.012	0.40 ± 0.11		
52	5	0.803 ± 0.013	0.879 ± 0.012	0.78 ± 0.07		
53	8	0.686 ± 0.071	0.763 ± 0.053	1.83 ± 0.69	18.3 ± 4.9	2.98 ± 1.12
54	5	0.872 ± 0.014	0.930 ± 0.012	0.42 ± 0.09		
55	5	0.857 ± 0.014	0.921 ± 0.012	0.47 ± 0.08		
57	5	0.780 ± 0.014	0.862 ± 0.012	0.76 ± 0.07		
58	6	0.640 ± 0.011	0.741 ± 0.013	1.03 ± 0.12	26.8 ± 3.8	

Res.	Model	S^2	S^2_f	τ_s, ns	τ_f, ps	R_{ex}, 1/s
59	6	0.723 ± 0.012	0.792 ± 0.014	0.73 ± 0.13	36.1 ± 5.8	
60	8	0.677 ± 0.065	0.762 ± 0.052	1.41 ± 0.53	17.9 ± 4.3	1.81 ± 1.01
61	6	0.794 ± 0.019	0.853 ± 0.012	7.27 ± 2.86	22.5 ± 4.4	
62	2	0.895 ± 0.012	1.000 ± 0.000		26.6 ± 4.9	
63	5	0.875 ± 0.015	0.907 ± 0.012	0.71 ± 0.22		
64	2	0.893 ± 0.012	1.000 ± 0.000		17.6 ± 3.7	
65	2	0.903 ± 0.011	1.000 ± 0.000		17.5 ± 4.0	
66	2	0.922 ± 0.011	1.000 ± 0.000		20.1 ± 5.7	
67	2	0.887 ± 0.016	1.000 ± 0.000		51.7 ± 11.6	
68	2	0.893 ± 0.012	1.000 ± 0.000		16.6 ± 3.6	
69	2	0.908 ± 0.011	1.000 ± 0.000		18.1 ± 4.4	
71	4	0.821 ± 0.016	1.000 ± 0.000		12.4 ± 1.9	2.75 ± 0.40
72	2	0.935 ± 0.012	1.000 ± 0.000		14.7 ± 5.9	
73	1	0.948 ± 0.012	1.000 ± 0.000			
74	2	0.873 ± 0.011	1.000 ± 0.000		10.9 ± 2.6	
75	2	0.875 ± 0.011	1.000 ± 0.000		21.7 ± 3.5	
77	4	0.831 ± 0.016	1.000 ± 0.000		8.4 ± 1.7	1.26 ± 0.35
78	2	0.902 ± 0.011	1.000 ± 0.000		19.1 ± 4.1	
79	2	0.866 ± 0.011	1.000 ± 0.000		22.8 ± 3.2	
80	2	0.850 ± 0.011	1.000 ± 0.000		21.7 ± 2.7	
81	2	0.872 ± 0.011	1.000 ± 0.000		10.5 ± 2.5	
82	1	0.883 ± 0.011	1.000 ± 0.000			
83	2	0.870 ± 0.011	1.000 ± 0.000		9.7 ± 2.3	
84	5	0.827 ± 0.014	0.866 ± 0.012	1.12 ± 0.21		
85	8	0.641 ± 0.058	0.769 ± 0.032	3.16 ± 1.70	19.1 ± 3.7	0.68 ± 0.73
86	5	0.870 ± 0.015	0.913 ± 0.012	1.05 ± 0.19		
88	5	0.810 ± 0.014	0.872 ± 0.012	0.68 ± 0.09		
89	5	0.815 ± 0.013	0.857 ± 0.011	0.54 ± 0.12		
90	2	0.881 ± 0.011	1.000 ± 0.000		17.8 ± 3.0	
92	4	0.842 ± 0.016	1.000 ± 0.000		7.0 ± 1.8	2.00 ± 0.36
94	4	0.866 ± 0.018	1.000 ± 0.000		12.6 ± 2.9	3.00 ± 0.41
95	4	0.791 ± 0.024	1.000 ± 0.000		40.5 ± 6.7	3.90 ± 0.71
96	2	0.887 ± 0.017	1.000 ± 0.000		51.7 ± 11.5	
97	5	0.886 ± 0.012	0.906 ± 0.012	0.30 ± 0.11		
98	7	0.833 ± 0.025	0.857 ± 0.025	0.28 ± 0.17		2.19 ± 0.49
99	7	0.743 ± 0.065	0.791 ± 0.050	0.92 ± 0.38		2.54 ± 1.06
100	8	0.622 ± 0.082	0.767 ± 0.047	13.12 ± 3.23	10.7 ± 2.5	2.72 ± 1.13
101	2	0.950 ± 0.012	1.000 ± 0.000		58.9 ± 9.4	
102	5	0.779 ± 0.015	0.827 ± 0.013	0.74 ± 0.15		
104	2	0.869 ± 0.011	1.000 ± 0.000		11.4 ± 2.4	
105	2	0.878 ± 0.011	1.000 ± 0.000		13.7 ± 2.8	
106	2	0.821 ± 0.010	1.000 ± 0.000		6.1 ± 1.2	
107	2	0.867 ± 0.011	1.000 ± 0.000		7.7 ± 2.0	
108	2	0.855 ± 0.011	1.000 ± 0.000		6.3 ± 1.5	

Res.	Model	S^2	S^2_f	τ_s, ns	τ_f, ps	R_{ex}, 1/s
109	4	0.847 ± 0.016	1.000 ± 0.000		6.2 ± 1.5	1.25 ± 0.34
110	2	0.870 ± 0.011	1.000 ± 0.000		11.7 ± 2.4	
111	4	0.799 ± 0.015	1.000 ± 0.000		8.7 ± 1.4	1.08 ± 0.31
113	2	0.879 ± 0.011	1.000 ± 0.000		9.7 ± 2.6	
115	4	0.834 ± 0.016	1.000 ± 0.000		7.0 ± 1.7	3.56 ± 0.40
116	4	0.847 ± 0.016	1.000 ± 0.000		9.5 ± 2.2	1.39 ± 0.38
117	2	0.912 ± 0.012	1.000 ± 0.000		12.0 ± 3.6	
120	4	0.808 ± 0.016	1.000 ± 0.000		7.5 ± 1.5	2.87 ± 0.39
121	4	0.884 ± 0.018	1.000 ± 0.000		11.8 ± 3.2	3.72 ± 0.44
122	4	0.865 ± 0.017	1.000 ± 0.000		15.0 ± 3.4	6.27 ± 0.46
123	7	0.847 ± 0.055	0.885 ± 0.043	0.69 ± 0.34		2.50 ± 0.93
124	5	0.824 ± 0.014	0.881 ± 0.012	0.66 ± 0.10		
125	5	0.806 ± 0.014	0.883 ± 0.012	0.78 ± 0.07		
126	5	0.844 ± 0.013	0.878 ± 0.011	0.58 ± 0.15		
127	5	0.834 ± 0.014	0.897 ± 0.012	0.44 ± 0.08		
130	5	0.878 ± 0.014	0.937 ± 0.012	0.54 ± 0.09		
132	5	0.736 ± 0.013	0.828 ± 0.011	0.75 ± 0.06		
133	5	0.807 ± 0.015	0.870 ± 0.012	0.66 ± 0.12		
134	5	0.818 ± 0.015	0.872 ± 0.013	0.56 ± 0.14		
136	7	0.819 ± 0.036	0.874 ± 0.029	0.46 ± 0.14		2.32 ± 0.65
137	5	0.819 ± 0.012	0.872 ± 0.012	0.34 ± 0.07		
138	5	0.810 ± 0.013	0.872 ± 0.011	0.68 ± 0.09		
141	5	0.814 ± 0.013	0.876 ± 0.011	0.50 ± 0.09		
143	5	0.802 ± 0.012	0.859 ± 0.012	0.28 ± 0.05		
144	2	0.842 ± 0.011	1.000 ± 0.000		31.2 ± 3.1	
145	8	0.821 ± 0.052	0.851 ± 0.043	1.01 ± 0.97	13.8 ± 7.2	1.96 ± 0.86
146	5	0.844 ± 0.015	0.891 ± 0.013	0.51 ± 0.15		
147	4	0.841 ± 0.016	1.000 ± 0.000		21.2 ± 3.1	2.30 ± 0.38
148	7	0.777 ± 0.044	0.825 ± 0.035	0.57 ± 0.21		2.27 ± 0.75
149	7	0.815 ± 0.033	0.847 ± 0.030	0.34 ± 0.20		2.12 ± 0.60
150	5	0.904 ± 0.013	0.944 ± 0.012	0.38 ± 0.11		
151	4	0.795 ± 0.016	1.000 ± 0.000		10.4 ± 1.6	3.47 ± 0.38
152	5	0.790 ± 0.014	0.855 ± 0.011	0.52 ± 0.09		
153	5	0.800 ± 0.011	0.873 ± 0.013	0.24 ± 0.05		
154	5	0.785 ± 0.014	0.867 ± 0.012	0.70 ± 0.07		
155	5	0.793 ± 0.014	0.865 ± 0.012	0.64 ± 0.08		
156	8	0.648 ± 0.085	0.738 ± 0.059	2.60 ± 1.59	15.7 ± 4.0	2.64 ± 1.24
159	5	0.881 ± 0.012	0.915 ± 0.013	0.28 ± 0.07		
160	5	0.809 ± 0.011	0.885 ± 0.011	0.36 ± 0.05		
162	4	0.819 ± 0.016	1.000 ± 0.000		15.3 ± 2.2	3.12 ± 0.37
163	4	0.773 ± 0.017	1.000 ± 0.000		11.7 ± 1.6	3.45 ± 0.40
165	4	0.809 ± 0.015	1.000 ± 0.000		7.1 ± 1.4	3.83 ± 0.39
167	4	0.808 ± 0.016	1.000 ± 0.000		7.5 ± 1.5	2.87 ± 0.37
170	8	0.821 ± 0.053	0.851 ± 0.048	1.01 ± 1.05	13.8 ± 8.0	1.96 ± 0.87

Res.	Model	S^2	S^2_f	τ_s, ns	τ_f, ps	R_{ex}, 1/s
174	4	0.780 ± 0.015	1.000 ± 0.000		7.8 ± 1.3	3.95 ± 0.39
175	4	0.796 ± 0.016	1.000 ± 0.000		13.3 ± 1.8	3.36 ± 0.42
178	4	0.823 ± 0.016	1.000 ± 0.000		6.5 ± 1.4	2.77 ± 0.39
179	5	0.818 ± 0.015	0.872 ± 0.012	0.60 ± 0.13		
181	5	0.779 ± 0.015	0.827 ± 0.012	0.74 ± 0.15		
182	4	0.841 ± 0.015	1.000 ± 0.000		5.8 ± 1.3	3.36 ± 0.38
183	2	0.928 ± 0.012	1.000 ± 0.000		23.4 ± 6.3	
184	1	0.926 ± 0.015	1.000 ± 0.000			
186	2	0.900 ± 0.011	1.000 ± 0.000		27.8 ± 4.6	
187	2	0.883 ± 0.012	1.000 ± 0.000		17.6 ± 3.4	
188	2	0.889 ± 0.011	1.000 ± 0.000		14.4 ± 3.3	
191	6	0.731 ± 0.015	0.806 ± 0.014	1.60 ± 0.69	23.1 ± 5.0	
192	5	0.783 ± 0.014	0.835 ± 0.011	0.88 ± 0.11		
193	2	0.814 ± 0.010	1.000 ± 0.000		15.1 ± 1.8	
194	2	0.878 ± 0.011	1.000 ± 0.000		14.7 ± 2.8	
195	2	0.804 ± 0.011	1.000 ± 0.000		12.7 ± 1.7	
196	2	0.839 ± 0.011	1.000 ± 0.000		22.3 ± 2.5	
197	2	0.842 ± 0.011	1.000 ± 0.000		12.8 ± 2.1	
198	2	0.835 ± 0.011	1.000 ± 0.000		14.0 ± 2.1	
199	7	0.844 ± 0.051	0.867 ± 0.041	0.67 ± 0.44		2.27 ± 0.88
200	4	0.806 ± 0.015	1.000 ± 0.000		10.6 ± 1.8	3.65 ± 0.38
203	4	0.866 ± 0.018	1.000 ± 0.000		12.6 ± 2.9	3.00 ± 0.41
204	4	0.813 ± 0.016	1.000 ± 0.000		13.5 ± 2.0	2.48 ± 0.36
206	4	0.790 ± 0.015	1.000 ± 0.000		6.8 ± 1.2	4.53 ± 0.38
207	4	0.796 ± 0.016	1.000 ± 0.000		6.4 ± 1.2	4.52 ± 0.37
208	4	0.826 ± 0.016	1.000 ± 0.000		10.5 ± 2.1	1.56 ± 0.36
212	4	0.777 ± 0.016	1.000 ± 0.000		10.9 ± 1.4	2.95 ± 0.37
213	7	0.836 ± 0.024	0.857 ± 0.026	0.25 ± 0.18		1.85 ± 0.47
214	5	0.735 ± 0.013	0.861 ± 0.012	0.63 ± 0.04		