Supplementary Data 2

Side-Chain Dynamics of the α_{1B}-Adrenergic Receptor determined by NMR via Methyl Relaxation

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This appendix contains Ile assignments and dynamic data with relevant parameters:

Table S1. Assignments of Ile δ-methyl groups of the α_{1B}-AR-B1D1 binding **prazosin** at **320 K**. Ile assignments in parentheses indicate less likely alternative assignments. GPCRdb numbering for the assigned residues is given in the second column.

Residue	GPCRdb	HD1 [ppm]	CD1 [ppm]
I42	1x29	0.856	12.967
I46	1x33	0.822	13.727
I56	1x43	0.686	13.425
I60	1x47	0.461	13.978
I67	1x54	0.784	14.153
I133A	3x40	0.695	14.509
I141	3x48	0.688	14.206
I145	3x52	0.881	13.697
I163	4x43	0.667	12.533
I176	4x56	0.638	12.960
I178A	4x58	0.764	12.074
I178B	4x58	0.774	12.297
I214	5x49	0.672	12.783
I219A	5x54	0.628	14.256
I219B	5x54	0.635	14.707
I219C (I133B)	5x54 (3x40)	0.646	14.798
I228	5x63	0.898	13.435
I298	6x39	0.259	12.477
I304	6x45	0.705	14.482
I312	6x53	0.697	13.060
I346	7x51	0.800	12.451

Table S2. Assignments of Ile δ-methyl groups of the α_{1B}-AR-B1D1 binding **ρ-TIA** at **320 K**. Ile assignments in parentheses indicate less likely alternative assignments. Ile assignments separated by slashes are equally likely. GPCRdb numbering for the assigned residues is given in the second column.

Residue	GPCRdb	HD1 [ppm]	CD1 [ppm]
I42	1x29	0.851	13.066
I46	1x33	0.81	13.700
I56	1x43	0.696	13.765
I60	1x47	0.435	13.781
I67	1x54	0.790	14.191
I84/I139	2x43/3x46	0.732	13.104
I120	3x27	0.793	13.321
I133 (I219B)	3x40 (5x54)	0.705	14.736
I141	3x48	0.671	14.111
I145	3x52	0.890	13.694
I163	4x43	0.671	12.368
I176	4x56	0.550	12.659
I178	4x58	0.754	12.029
I214	5x49	0.652	12.531
I219A	5x54	0.619	14.422
I228	5x63	0.896	13.519
I298	6x39	0.250	12.516
I304	6x45	0.739	14.050
I312	6x53	0.898	12.078
I346	7x51	0.858	12.381

Table S3. Assignments of Ile δ-methyl groups of the α_{1B}-AR-B1D1 binding **tamsulosin** at **320 K**. Ile assignments in parentheses indicate less likely alternative assignments. GPCRdb numbering for the assigned residues is given in the second column.

Residue	GPCRdb	HD1 [ppm]	CD1 [ppm]
I42	1x29	0.851	12.965
I46	1x33	0.803	13.756
I56	1x43	0.604	13.551
I60A	1x47	0.394	13.812
I60B	1x47	0.374	13.909
I67	1x54	0.782	14.104
I84	2x43	0.824	13.065
I133A (I219D)	3x27 (5x54)	0.642	14.608
I141	3x40	0.678	14.340
I145	3x52	0.883	13.772
I163	4x43	0.667	12.525
I176	4x56	0.662	13.118
I178A	4x58	0.768	11.772
I178B	4x58	0.777	12.038
I214	5x49	0.666	12.749
I219A	5x54	0.583	14.237
I219B (I133B)	5x54 (3x27)	0.618	14.702
I219C (I133C)	5x54 (3x27)	0.629	14.764
I228	5x63	0.892	13.476
I298	6x39	0.244	12.415
I304A	6x45	0.699	14.084
I304B	6x45	0.69	14.407
I312	6x53	0.693	13.122
I346A	7x51	0.881	12.471
I346B	7x51	0.902	12.563

Table S4. Assignments of Ile δ-methyl groups of the α_{1B}-AR-B1D1 binding **prazosin** at **298 K**. Ile assignments in parentheses indicate less likely alternative assignments. Ile assignments separated by slashes are equally likely. GPCRdb numbering for the assigned residues is given in the second column.

Residue	GPCRdb	HD1 [ppm]	CD1 [ppm]
I42	1x29	0.858	12.802
I46	1x33	0.823	13.916
I56	1x43	0.686	13.542
I60	1x47	0.445	14.163
I67	1x54	0.772	14.163
I141	3x48	0.670	14.104
I145	3x52	0.888	13.844
I163	4x43	0.673	12.178
I176	4x56	0.653	13.206
I178A	4x58	0.754	11.844
I178B	4x58	0.764	12.024
I214	5x49	0.679	12.970
I219A	5x54	0.626	14.219
I219B	5x54	0.628	14.668
I219C (I133B)	5x54 (3x40)	0.644	14.828
I228	5x63	0.894	13.584
I298	6x39	0.196	12.503
I304/I133A	6x45/3x40	0.696	14.558
I312	6x53	0.690	13.177

Table S5. Assignments of Ile δ-methyl groups of the **apo** α_{1B}-AR-B1D1 at **298 K**. Ile assignments in parentheses indicate less likely alternative assignments. Ile assignments separated by slashes are equally likely. GPCRdb numbering for the assigned residues is given in the second column.

Residue	GPCRdb	HD1 [ppm]	CD1 [ppm]
I42	1x29	0.851	12.860
I46	1x33	0.813	13.924
I56	1x43	0.668	13.552
I60	1x47	0.395	14.083
I67	1x54	0.763	14.187
I145	3x52	0.885	13.832
I163	4x43	0.663	12.190
I176/I214	4x56/5x49	0.641	12.881
I178	4x58	0.761	11.806
I219A	5x54	0.602	14.364
I219B	5x54	0.605	14.637
I219C (I133B)	5x54 (3x40)	0.605	14.824
I228	5x63	0.892	13.629
I298	6x39	0.179	12.427
I304/I133A	6x45/3x40	0.694	14.555
I312	6x53	0.710	13.104

Table S6. Order parameters of the α_{1B}-AR-B1D1 binding **prazosin**. Data was recorded at **320 K** at 700 MHz. Standard errors of order parameters (S^2_{axis}) were estimated using 1 000 Monte Carlo samplings based on the η and the τ_c standard errors. Amino acid assignments that are not fully unambiguous are marked with a star. Ile assignments in parentheses indicate less likely alternative assignments. The degree of freedom (df) indicates if data points were excluded to fit η and δ. A df of 9 means that all data points (11) were included, 8 means that one point and 7 means that two data points were excluded from the fit.

Peak Nr.	Residue	Amino Acid	S^2_{axis}	S^2_{axis} SE	η [s^{-1}]	η SE [s^{-1}]	δ [s^{-1}]	δ SE [s^{-1}]	RSE	df
1	42	Ile	0.197	0.023	26.350	3.026	-23.100	3.937	0.026	9
2	46	Ile	0.419	0.030	56.016	4.163	-35.678	4.165	0.020	7
3	56	Ile	0.895	0.156	119.794	21.008	-82.333	17.711	0.043	9
4	60	Ile	0.881	0.145	117.823	18.739	-66.113	13.578	0.045	9
5	67	Ile	0.628	0.141	84.071	18.619	-60.800	16.947	0.057	9
6	133A	Ile	0.825	0.179	110.317	23.520	-63.793	17.560	0.060	9
7	141	Ile	0.554	0.067	74.090	8.813	-68.418	10.176	0.025	8
8	145	Ile	0.356	0.022	47.595	2.897	-52.207	4.306	0.011	7
9	163	Ile	0.284	0.027	37.928	3.625	-9.461	2.788	0.036	7
10	176	Ile	0.630	0.114	84.267	15.775	-72.878	17.039	0.041	8
11	178A	Ile	0.248	0.055	33.113	7.399	-29.994	9.230	0.050	9
12	178B	Ile	0.230	0.036	30.830	4.730	-17.262	4.938	0.044	8
13	214	Ile	0.592	0.079	79.235	10.717	-64.878	11.049	0.032	8
14	219A	Ile	0.650	0.077	86.971	10.477	-52.963	8.688	0.034	8
15	219C (133B)	Ile	0.704	0.051	94.156	6.667	-54.486	4.804	0.018	8
16	228	Ile	0.522	0.088	69.803	11.749	-66.694	14.037	0.035	8
17	298	Ile	0.393	0.068	52.560	9.268	-41.095	10.695	0.041	7
18	312	Ile	0.532	0.071	71.133	9.217	-57.548	9.317	0.031	9
19		Ile	0.582	0.110	77.920	14.823	-50.297	13.010	0.052	8
20		Ile	0.471	0.072	63.038	9.408	-47.109	9.076	0.038	9
21		Ile	0.617	0.066	82.602	8.575	-71.866	9.055	0.023	9
22		Leu	0.533	0.078	71.256	10.474	-62.012	11.600	0.033	8
23		Leu	0.429	0.021	57.354	2.723	-44.377	3.048	0.011	7
24		Leu	0.583	0.077	77.928	10.299	-57.897	9.959	0.033	8
25		Leu	0.385	0.108	51.453	14.157	-62.078	20.515	0.050	9
26		Leu	0.524	0.068	70.067	8.924	-46.031	7.720	0.035	9
27		Leu	0.813	0.169	108.727	22.020	-84.237	21.180	0.046	8
28		Leu	0.415	0.033	55.493	4.239	-32.698	3.530	0.023	9
29		Leu	0.669	0.155	89.535	20.879	-78.392	23.480	0.050	7
30		Leu	0.416	0.053	55.611	6.991	-22.368	5.010	0.043	8
31		Leu	0.842	0.118	112.706	15.257	-92.377	15.275	0.030	8
32		Leu	0.415	0.045	55.470	6.234	-52.785	7.372	0.024	9
33		Leu	0.886	0.200	118.558	26.963	-90.613	24.767	0.052	9
34		Leu	0.439	0.045	58.671	6.005	-40.130	5.485	0.028	9
35		Leu	0.379	0.034	50.700	4.443	-44.528	4.994	0.020	9
36		Leu	0.567	0.064	75.913	8.380	-56.946	8.225	0.027	8
37		Leu*	0.646	0.075	86.399	10.344	-75.527	11.235	0.026	8
38		Leu	0.388	0.055	51.940	7.290	-24.286	5.352	0.046	9
39		Leu	0.479	0.044	64.019	5.777	-45.984	5.641	0.023	8
40		Leu	0.203	0.008	27.127	0.917	-15.794	1.071	0.009	8
41		Leu	0.248	0.033	33.192	4.461	-21.426	4.487	0.037	9
42		Leu	0.145	0.009	19.350	1.154	-12.295	1.705	0.013	8
43		Leu	0.398	0.042	53.201	5.420	-33.866	5.069	0.028	8
44		Leu	0.438	0.054	58.599	7.206	-39.682	6.537	0.034	9
45		Leu	0.629	0.093	84.198	11.765	-93.521	15.234	0.025	9
46		Leu	0.436	0.040	58.295	5.160	-44.408	5.104	0.022	9
47		Leu	0.198	0.009	26.516	1.056	-18.354	1.194	0.010	9
48		Leu*	0.791	0.188	105.768	23.946	-100.564	27.243	0.044	8
49		Leu	0.145	0.007	19.352	0.928	-19.819	1.475	0.010	9
50		Leu	0.095	0.005	12.775	0.574	-9.853	0.979	0.009	9
51		Leu	0.259	0.026	34.616	3.472	-16.450	2.928	0.032	9
52		Leu	0.454	0.099	60.748	13.483	-42.182	12.488	0.060	8
53		Leu	0.777	0.212	103.980	27.842	-83.308	26.911	0.061	9
54		Leu	0.506	0.049	67.648	6.476	-23.875	3.842	0.036	9
55		Leu	0.426	0.030	57.051	3.806	-38.514	3.460	0.018	9
56		Leu	0.227	0.014	30.361	1.785	-26.124	2.201	0.014	9
57		Leu	0.833	0.245	111.463	33.416	-97.800	34.589	0.063	9
58		Leu	0.144	0.010	19.219	1.340	-12.906	1.718	0.018	9

59		Leu	0.396	0.041	52.945	5.440	-28.724	4.637	0.031	8
60		Leu	0.239	0.019	31.928	2.575	-24.320	2.895	0.020	9
61		Leu	0.186	0.014	24.944	1.836	-14.953	1.978	0.021	9
62		Leu	0.200	0.009	26.778	1.117	-12.084	1.029	0.013	9
63		Leu	0.440	0.055	58.836	7.382	-66.420	10.239	0.024	8
64		Leu	0.531	0.062	71.009	8.618	-55.770	8.833	0.029	8
65		Leu	0.593	0.070	79.363	9.326	-63.967	9.295	0.028	9
66		Leu	0.335	0.049	44.801	6.459	-43.650	8.010	0.031	9
67		Leu	0.354	0.043	47.423	5.652	-42.193	6.481	0.027	9
68		Leu	0.502	0.085	67.213	11.046	-52.721	10.970	0.041	9
69		Leu	0.197	0.013	26.299	1.654	-11.287	1.506	0.020	9
70		Leu	0.229	0.035	30.641	4.513	-13.881	4.314	0.046	8
71		Leu	0.422	0.043	56.512	5.847	-38.181	5.327	0.028	9
72		Leu	0.493	0.059	65.970	7.882	-76.627	11.531	0.021	7
73		Leu	0.275	0.029	36.822	3.861	-29.262	4.295	0.026	9
74		Leu	0.837	0.105	112.018	13.726	-96.237	14.285	0.026	8
75		Leu	0.560	0.041	74.883	5.369	-33.337	3.550	0.024	9
76		Leu	0.685	0.243	91.611	32.676	-113.630	47.208	0.057	8
77		Leu	0.368	0.036	49.192	4.696	-41.062	5.102	0.023	9
78		Leu	0.487	0.040	65.158	5.162	-45.037	4.892	0.021	8
79		Leu	0.320	0.011	42.772	1.349	-31.158	1.603	0.007	7
80		Leu	0.643	0.160	86.024	21.741	-73.753	23.267	0.056	8
81		Val	0.278	0.031	37.172	4.038	-28.607	4.385	0.027	9
82		Val	0.951	0.228	127.243	29.714	-105.824	29.058	0.050	9
83		Val	0.679	0.053	90.856	6.841	-54.145	5.553	0.021	8
84		Val	0.740	0.080	99.046	10.669	-70.343	9.414	0.027	9
85		Val	0.442	0.067	59.094	9.095	-57.061	10.804	0.033	9
86		Val	0.683	0.145	91.388	19.732	-49.494	15.871	0.063	7
87		Val	0.750	0.122	100.314	16.596	-87.646	17.723	0.035	8
88		Val	0.782	0.050	104.676	6.656	-89.531	6.954	0.014	8
89		Val	0.345	0.035	46.136	4.468	-37.412	4.804	0.024	9
90		Val	1.044	0.325	139.644	43.462	-119.791	43.254	0.063	9
91		Val	0.665	0.095	88.926	12.558	-54.779	10.070	0.040	9
92		Val	0.847	0.257	113.333	35.054	-94.732	34.797	0.067	9
93		Val	0.728	0.120	97.420	15.881	-84.341	16.455	0.036	9
94		Val	0.278	0.045	37.211	6.112	-29.754	7.255	0.039	8
95		Val	0.635	0.085	84.910	10.841	-61.510	10.215	0.032	8
96		Val	0.768	0.126	102.676	16.683	-71.777	14.937	0.041	8
97		Val	0.658	0.080	88.090	10.926	-73.523	11.417	0.028	8
98		Val	0.227	0.020	30.427	2.536	-18.030	2.810	0.022	8
99		Val	0.840	0.110	112.340	14.614	-74.477	12.063	0.033	9
100		Val	0.637	0.113	85.220	14.626	-68.260	14.393	0.041	8
101		Val	0.690	0.128	92.337	17.067	-97.843	22.205	0.033	7
102		Val	0.929	0.124	124.311	17.053	-108.138	17.726	0.028	8

Table S7. Order parameters of the α_{1B}-AR-B1D1 binding **prazosin** at **320 K**, based on a second measurement of the same sample for which data is shown in table S1. Data was recorded at 320 K at 700 MHz without duplicate recording of the experiments with 8 ms delays. Standard errors of order parameters (S^2_{axis}) were estimated using 1 000 Monte Carlo samplings based on the η and the τ_c standard errors. Amino acid assignments that are not fully unambiguous are marked with a star. Ile assignments in parentheses indicate less likely alternative assignments. The degree of freedom (df) indicates if data points were excluded to fit η and δ. A df of 8 means that all data points (10) were included, 7 means that one point and 6 means that two data points were excluded from the fit.

Peak Nr.	Residue	Amino Acid	S^2_{axis}	S^2_{axis} SE	η [s^{-1}]	η SE [s^{-1}]	δ [s^{-1}]	δ SE [s^{-1}]	RSE	df
1	42	Ile	0.159	0.010	21.286	1.324	-15.383	1.649	0.014	8
2	46	Ile	0.452	0.040	60.439	5.272	-45.588	5.116	0.019	7
3	56	Ile	0.751	0.071	100.523	9.284	-54.609	6.565	0.024	7
4	60	Ile	0.870	0.212	116.380	27.488	-66.384	19.881	0.060	7
5	67	Ile	0.660	0.101	88.246	13.391	-57.731	10.681	0.036	8
6	133A	Ile	0.805	0.078	107.643	10.080	-68.680	7.764	0.023	8
7	145	Ile	0.484	0.050	64.719	6.656	-70.205	8.315	0.017	8
8	163	Ile	0.413	0.161	55.293	22.010	-100.167	44.929	0.044	7
9	176	Ile	0.585	0.041	78.289	5.329	-53.183	4.585	0.016	7
10	178A	Ile	0.220	0.044	29.372	6.040	-29.911	8.701	0.036	7
11	178B	Ile	0.233	0.039	31.190	5.303	-23.573	5.566	0.035	7
12	214	Ile	0.546	0.073	73.015	9.703	-51.570	8.385	0.030	8
13	219A	Ile	0.877	0.314	117.364	40.482	-109.822	43.877	0.064	7
14	219C (133)	Ile	0.923	0.208	123.519	28.577	-72.163	20.351	0.059	8
15	228	Ile	0.507	0.055	67.882	7.312	-63.503	8.579	0.020	6
16	312	Ile	0.499	0.096	66.696	13.310	-51.677	12.516	0.043	8
17		Ile	0.492	0.051	65.813	6.635	-37.227	5.171	0.025	7
18		Ile	0.474	0.096	63.374	12.354	-26.878	8.159	0.056	7
19		Ile	0.586	0.052	78.452	6.751	-62.534	6.576	0.018	7
20		Leu	0.363	0.031	48.503	4.082	-42.280	4.762	0.016	6
21		Leu	0.239	0.025	31.922	3.143	-18.979	2.977	0.026	8
22		Leu	0.341	0.027	45.571	3.480	-31.010	3.387	0.017	7
23		Leu	0.483	0.087	64.660	11.822	-48.552	11.291	0.039	7
24		Leu	0.587	0.189	78.539	25.203	-68.680	26.462	0.063	7
25		Leu	0.311	0.041	41.565	5.366	-36.901	6.072	0.025	8
26		Leu	0.268	0.038	35.821	4.966	-33.947	6.096	0.026	8
27		Leu	0.515	0.112	68.842	14.597	-49.570	13.371	0.047	7
28		Leu	0.563	0.096	75.333	12.504	-32.166	7.908	0.048	7
29		Leu	0.472	0.089	63.149	11.871	-48.953	11.247	0.040	8
30		Leu	0.586	0.081	78.443	10.661	-62.113	10.328	0.028	7
31		Leu	0.340	0.047	45.547	6.082	-38.028	6.451	0.027	8
32		Leu	0.237	0.029	31.707	4.004	-19.753	4.317	0.029	7
33		Leu	0.221	0.011	29.547	1.435	-21.195	1.555	0.011	8
34		Leu	0.381	0.050	50.938	6.836	-37.951	6.834	0.029	7
35		Leu	0.509	0.043	68.071	5.603	-32.615	3.697	0.023	8
36		Leu	0.210	0.010	28.149	1.335	-12.339	1.159	0.014	8
37		Leu	0.404	0.056	54.084	7.259	-43.878	7.295	0.028	8
38		Leu	0.615	0.077	82.246	9.977	-63.033	9.370	0.026	7
39		Leu	0.555	0.116	74.220	15.345	-60.869	15.145	0.043	7
40		Leu	0.480	0.067	64.211	8.849	-53.161	9.116	0.028	7
41		Leu	0.303	0.014	40.546	1.761	-12.119	1.312	0.014	6
42		Leu	0.469	0.090	62.681	12.726	-44.983	11.660	0.045	7
43		Leu	0.395	0.053	52.862	7.294	-42.187	7.267	0.029	8
44		Leu	0.514	0.052	68.811	6.773	-21.712	3.747	0.031	7
45		Leu	0.255	0.040	34.074	5.501	-29.828	6.468	0.032	8
46		Leu*	0.686	0.125	91.774	16.162	-80.430	16.785	0.035	7
47		Leu	0.188	0.016	25.127	2.063	-9.709	1.815	0.026	8
48		Leu	0.398	0.037	53.264	4.960	-34.116	4.202	0.022	8
49		Leu	0.629	0.060	84.114	8.013	-57.965	6.691	0.022	8
50		Leu	0.637	0.136	85.170	18.614	-67.570	17.911	0.046	7
51		Leu	0.140	0.011	18.764	1.413	-17.778	2.141	0.015	8
52		Leu	0.452	0.116	60.424	15.921	-35.368	12.958	0.065	7
53		Leu	0.259	0.030	34.640	4.034	-25.407	4.303	0.026	7
54		Leu	0.430	0.041	57.583	5.347	-30.410	3.905	0.025	8
55		Leu	0.095	0.005	12.670	0.613	-7.457	0.955	0.011	8
56		Leu	0.450	0.070	60.163	9.341	-26.055	6.345	0.044	7

57	Leu	0.349	0.049	46.726	6.326	-27.931	5.645	0.033	7
58	Leu	0.396	0.050	52.994	6.666	-41.562	6.552	0.027	8
59	Leu	0.409	0.122	54.672	16.415	-58.569	21.249	0.051	7
60	Leu	0.259	0.022	34.673	2.942	-13.637	2.127	0.024	7
61	Leu	0.510	0.113	68.270	15.458	-50.949	14.568	0.049	7
62	Leu	0.594	0.081	79.476	10.957	-44.164	7.593	0.035	7
63	Leu	0.436	0.054	58.370	6.945	-36.634	5.971	0.028	7
64	Leu*	0.579	0.094	77.490	12.361	-53.290	10.747	0.036	7
65	Leu	0.437	0.040	58.406	5.326	-35.155	4.453	0.022	7
66	Leu	0.501	0.064	66.986	8.502	-38.590	6.384	0.032	8
67	Leu	0.852	0.201	114.026	26.618	-98.538	26.397	0.047	8
68	Leu	0.606	0.091	81.065	11.997	-63.073	11.421	0.031	7
69	Leu	0.395	0.062	52.863	8.057	-35.946	7.132	0.035	8
70	Leu	0.137	0.006	18.288	0.770	-11.839	0.984	0.010	8
71	Leu	0.753	0.183	100.743	24.040	-107.593	29.476	0.041	7
72	Val	0.556	0.043	74.409	5.570	-38.887	4.011	0.020	7
73	Val	0.748	0.091	100.033	12.336	-72.206	11.262	0.027	6
74	Val	0.846	0.080	113.219	10.513	-64.911	7.650	0.024	7
75	Val	0.772	0.218	103.262	29.756	-85.363	28.516	0.059	8
76	Val	0.631	0.078	84.455	10.485	-67.134	10.108	0.026	7
77	Val	0.232	0.020	30.976	2.616	-18.054	2.482	0.022	8
78	Val	0.596	0.094	79.743	12.388	-67.422	12.296	0.032	8
79	Val	0.616	0.094	82.353	12.359	-60.707	10.778	0.033	7
80	Val	0.308	0.034	41.219	4.521	-25.309	3.989	0.027	8
81	Val	0.236	0.024	31.530	3.228	-23.545	3.504	0.023	8
82	Val	0.787	0.156	105.242	20.674	-74.488	17.357	0.045	8
83	Val	0.721	0.230	96.503	30.442	-83.532	30.459	0.063	8
84	Val	0.641	0.067	85.793	8.744	-64.988	8.100	0.022	7
85	Val	0.424	0.038	56.663	4.782	-43.011	4.752	0.018	6
86	Val	0.789	0.098	105.602	13.378	-73.803	11.416	0.029	7
87	Val	0.939	0.154	125.628	20.159	-93.996	17.995	0.035	7
88	Val	0.701	0.130	93.754	17.421	-98.214	20.655	0.032	8
89	Val	0.716	0.238	95.806	31.865	-98.404	37.840	0.058	7
90	Val	0.917	0.178	122.718	23.815	-103.902	23.134	0.039	8
91	Val	0.716	0.080	95.804	10.819	-67.468	8.804	0.022	6
92	Val	0.659	0.149	88.113	19.418	-79.354	20.207	0.043	8
93	Val	0.397	0.039	53.044	5.195	-33.000	4.932	0.022	6
94	Val	0.864	0.184	115.545	24.285	-73.767	19.165	0.050	7
95	Val	0.680	0.086	90.974	11.232	-61.098	9.125	0.029	8
96	Val	0.757	0.118	101.236	15.924	-60.720	12.648	0.038	6
97	Val	0.813	0.082	108.760	10.849	-84.455	9.898	0.021	7
98	Val	0.164	0.016	21.973	2.073	-16.604	2.602	0.021	8

Table S8. Order parameters of the α_{1B}-AR-B1D1 binding **ρ-TIA**. Data was recorded at **320 K** at 700 MHz. Standard errors of order parameters (S^2_{axis}) were estimated using 1 000 Monte Carlo samplings based on the η and the τ_c standard errors. Amino acid assignments that are not fully unambiguous are marked with a star. Ile assignments in parentheses indicate less likely alternative assignments. Ile assignments separated by slashes are equally likely. The degree of freedom (df) indicates if data points were excluded to fit η and δ. A df of 9 means that all data points (11) were included, 8 means that one point and 7 means that two data points were excluded from the fit.

Peak Nr.	Residue	Amino Acid	S^2_{axis}	S^2_{axis} SE	η [s^{-1}]	η SE [s^{-1}]	δ [s^{-1}]	δ SE [s^{-1}]	RSE	df
1	42	Ile	0.194	0.024	26.018	3.178	-26.333	4.553	0.025	9
2	46	Ile	0.462	0.057	61.742	7.772	-48.851	8.181	0.030	8
3	56	Ile	1.053	0.161	140.916	21.487	-90.905	17.374	0.038	8
4	60	Ile	0.904	0.125	120.911	16.970	-81.891	14.527	0.035	8
5	67	Ile	0.662	0.128	88.570	16.454	-57.224	13.671	0.051	9
6	120	Ile	0.345	0.040	46.178	5.180	-34.267	5.546	0.028	8
7	133 (219B)	Ile	0.993	0.169	132.805	22.519	-73.429	16.404	0.047	8
8	141	Ile	0.727	0.183	97.240	24.267	-86.386	25.690	0.053	9
9	145	Ile	0.427	0.103	57.129	13.739	-73.989	21.456	0.040	8
10	176	Ile	0.413	0.057	55.197	7.439	-45.230	7.834	0.033	9
11	178	Ile	0.209	0.022	27.981	2.874	-23.919	3.613	0.024	9
12	214	Ile	0.434	0.026	58.110	3.313	-43.607	3.395	0.014	8
13	219A	Ile	0.842	0.078	112.630	10.033	-91.432	9.972	0.020	8
14	228	Ile	0.477	0.089	63.858	11.862	-68.073	15.639	0.036	8
15	298	Ile	0.387	0.045	51.812	5.836	-30.801	5.775	0.030	7
16	304	Ile	0.615	0.160	82.321	20.976	-57.012	18.512	0.067	9
17	312	Ile	0.431	0.118	57.600	15.378	-67.217	23.068	0.047	7
18	346	Ile	0.383	0.054	51.232	7.150	-46.983	8.505	0.031	8
19	84/139	Ile	0.732	0.158	97.883	20.749	-72.370	19.497	0.051	8
20		Ile	0.506	0.055	67.707	7.680	-40.581	6.567	0.032	8
21		Ile	0.772	0.181	103.237	23.618	-71.214	20.922	0.058	8
22		Leu	0.154	0.005	20.630	0.518	-9.521	0.552	0.008	9
23		Leu	0.565	0.064	75.623	8.793	-26.385	5.410	0.043	8
24		Leu	0.360	0.032	48.104	4.242	-47.049	5.452	0.018	8
25		Leu	0.644	0.039	86.098	5.081	-57.407	4.727	0.015	7
26		Leu	0.155	0.037	20.793	5.028	-14.252	6.268	0.061	9
27		Leu	0.375	0.050	50.134	6.681	-24.455	5.070	0.043	9
28		Leu	0.637	0.070	85.239	9.118	-68.170	9.254	0.025	8
29		Leu	0.455	0.067	60.932	8.842	-38.434	7.583	0.041	9
30		Leu	0.593	0.133	79.296	17.671	-83.907	23.424	0.041	7
31		Leu	0.297	0.035	39.768	4.654	-29.080	4.806	0.030	9
32		Leu	0.338	0.042	45.202	5.670	-42.139	6.788	0.028	9
33		Leu	0.189	0.009	25.270	1.123	-11.729	1.075	0.014	9
34		Leu*	0.457	0.055	61.092	7.185	-47.496	7.171	0.029	9
35		Leu	0.388	0.048	51.967	6.464	-43.588	6.989	0.030	9
36		Leu	0.655	0.117	87.601	16.029	-103.091	22.225	0.031	8
37		Leu	0.113	0.007	15.114	0.941	-14.096	1.582	0.012	9
38		Leu	0.353	0.031	47.258	4.045	-18.675	2.848	0.030	8
39		Leu	0.259	0.042	34.705	5.568	-20.696	5.277	0.046	9
40		Leu	0.241	0.016	32.255	2.083	-24.724	2.345	0.016	9
41		Leu	0.701	0.085	93.791	10.904	-90.666	13.156	0.023	7
42		Leu	0.372	0.016	49.713	1.912	-45.314	2.217	0.009	9
43		Leu	0.703	0.100	93.997	14.180	-81.321	15.132	0.033	8
44		Leu	0.277	0.024	37.005	3.133	-29.565	3.493	0.021	9
45		Leu	0.266	0.031	35.617	4.118	-28.868	4.679	0.028	9
46		Leu	0.580	0.115	77.581	15.037	-81.173	18.620	0.038	9
47		Leu	0.698	0.128	93.372	17.515	-65.031	15.830	0.048	8
48		Leu	0.395	0.018	52.787	2.128	-43.377	2.260	0.010	9
49		Leu	0.558	0.136	74.604	18.715	-43.557	13.949	0.063	8
50		Leu	0.071	0.002	9.447	0.215	-5.967	0.427	0.004	9
51		Leu	0.412	0.045	55.091	5.928	-45.684	6.586	0.025	8
52		Leu	0.314	0.031	42.054	4.073	-24.373	3.882	0.027	8
53		Leu	0.288	0.025	38.555	3.161	-39.915	4.210	0.017	9
54		Leu	0.264	0.025	35.287	3.176	-16.767	2.526	0.027	8
55		Leu	0.308	0.038	41.227	4.916	-33.465	5.409	0.029	9
56		Leu	0.246	0.017	32.885	2.273	-24.766	2.516	0.017	9

57	Leu	0.499	0.020	66.799	2.472	-27.886	1.715	0.013	8
58	Leu	0.407	0.049	54.472	6.492	-39.084	6.210	0.031	9
59	Leu	0.333	0.056	44.577	7.327	-40.327	8.594	0.037	9
60	Leu	0.519	0.103	69.485	13.803	-49.998	12.785	0.052	9
61	Leu*	0.080	0.003	10.740	0.408	-5.628	0.703	0.008	9
62	Leu	0.275	0.026	36.778	3.686	-24.708	3.681	0.027	9
63	Leu	0.472	0.046	63.127	6.140	-54.196	6.591	0.023	9
64	Leu	0.268	0.014	35.800	1.873	-26.049	1.981	0.013	9
65	Leu	0.667	0.075	89.219	10.088	-94.585	12.783	0.021	8
66	Leu	0.590	0.114	78.882	14.700	-53.765	12.879	0.050	9
67	Leu	0.345	0.023	46.206	2.973	-30.388	2.802	0.016	7
68	Leu	0.599	0.131	80.175	17.857	-51.794	15.615	0.061	8
69	Leu	0.322	0.018	43.086	2.267	-23.419	1.907	0.016	9
70	Leu	0.502	0.054	67.171	7.334	-47.537	6.738	0.029	9
71	Leu	0.362	0.041	48.463	5.538	-42.528	6.263	0.026	9
72	Leu	0.909	0.116	121.645	15.422	-82.796	13.241	0.031	8
73	Leu	0.378	0.036	50.608	4.919	-42.650	5.360	0.023	9
74	Leu	0.340	0.058	45.483	7.480	-28.176	6.717	0.047	9
75	Leu	0.849	0.242	113.630	31.544	-121.069	39.209	0.049	8
76	Leu	0.497	0.048	66.509	6.310	-48.476	6.558	0.024	7
77	Val	0.457	0.057	61.174	7.384	-55.074	8.570	0.027	8
78	Val	0.890	0.157	119.046	19.729	-105.304	20.887	0.034	8
79	Val	0.614	0.053	82.101	6.860	-44.967	5.347	0.025	8
80	Val	0.770	0.108	103.055	14.441	-83.647	14.118	0.032	9
81	Val	0.644	0.087	86.188	11.158	-59.032	10.069	0.034	8
82	Val	0.757	0.168	101.286	21.633	-87.906	22.954	0.046	8
83	Val	0.957	0.256	127.997	35.029	-112.001	36.473	0.055	8
84	Val	0.564	0.059	75.476	7.931	-80.011	10.220	0.020	8
85	Val	0.622	0.024	83.255	2.614	-56.134	2.257	0.008	9
86	Val	0.585	0.063	78.269	8.415	-45.321	6.558	0.032	9
87	Val	0.561	0.074	75.067	9.891	-50.420	8.978	0.035	8
88	Val	0.865	0.068	115.661	8.913	-64.442	6.665	0.022	8
89	Val	0.641	0.072	85.818	9.291	-50.630	7.252	0.031	9
90	Val	0.555	0.150	74.289	19.716	-74.550	23.654	0.054	9
91	Val	0.845	0.238	113.080	33.090	-89.551	31.430	0.066	9
92	Val	0.641	0.138	85.686	18.926	-56.022	15.924	0.060	9
93	Val	0.636	0.107	85.041	13.976	-83.679	16.305	0.033	9
94	Val	0.734	0.167	98.136	23.165	-88.457	24.802	0.050	9
95	Val	0.702	0.058	93.897	7.483	-50.991	5.661	0.024	8
96	Val	0.566	0.052	75.752	6.899	-74.031	8.648	0.018	7
97	Val	0.971	0.195	129.866	26.652	-108.508	26.115	0.043	9
98	Val	0.450	0.024	60.192	2.984	-46.912	2.990	0.012	9
99	Val	0.130	0.015	17.386	1.949	-14.281	2.881	0.025	9
100	Val	0.863	0.074	115.503	9.757	-82.987	8.788	0.020	8
101	Val	0.743	0.252	99.334	34.903	-105.232	43.737	0.064	8
102	Val	1.078	0.265	144.181	34.715	-91.964	27.744	0.060	8
103	Val	0.224	0.024	29.989	3.002	-15.605	3.777	0.023	7

Table S9. Order parameters of the α_{1B}-AR-B1D1 binding **tamsulosin**. Data was recorded at **320 K** at 700 MHz. Standard errors of order parameters (S^2_{axis}) were estimated using 1 000 Monte Carlo samplings based on the η and the τ_c standard errors. Amino acid assignments that are not fully unambiguous are marked with a star. Ile assignments in parentheses indicate less likely alternative assignments. The degree of freedom (df) indicates if data points were excluded to fit η and δ. A df of 9 means that all data points (11) were included, 8 means that one point and 7 means that two data points were excluded from the fit.

Peak Nr.	Residue	Amino Acid	S^2_{axis}	S^2_{axis} SE	η [s^{-1}]	η SE [s^{-1}]	δ [s^{-1}]	δ SE [s^{-1}]	RSE	df
1	42	Ile	0.205	0.015	27.382	1.866	-22.505	2.305	0.016	9
2	46	Ile	0.558	0.119	74.697	15.610	-58.199	15.242	0.051	9
3	56	Ile	0.842	0.146	112.614	19.203	-54.659	13.154	0.052	8
4	60A	Ile	0.835	0.136	111.659	18.527	-77.281	15.823	0.041	9
5	60B	Ile	0.897	0.105	119.972	14.336	-73.357	11.390	0.032	8
6	67	Ile	0.589	0.066	78.770	8.598	-54.307	7.894	0.029	8
7	I133A (219D)	Ile	0.756	0.175	101.127	24.126	-79.112	22.936	0.056	9
8	141	Ile	0.683	0.175	91.402	23.522	-67.631	22.305	0.063	8
9	145	Ile	0.513	0.119	68.677	16.118	-81.339	22.999	0.041	8
10	163	Ile	0.332	0.094	44.417	12.448	-45.460	16.060	0.058	9
11	176	Ile	0.687	0.078	91.957	10.893	-62.958	9.742	0.031	8
12	178A	Ile	0.143	0.032	19.165	4.198	-15.154	5.821	0.051	9
13	178B	Ile	0.244	0.044	32.638	6.093	-29.093	7.754	0.042	8
14	214	Ile	0.573	0.067	76.710	9.094	-60.339	8.921	0.029	9
15	219B (133B)	Ile	0.842	0.213	112.658	28.474	-97.289	29.740	0.053	8
16	219C (133C)	Ile	0.994	0.199	132.910	26.853	-104.138	25.436	0.044	8
17	228	Ile	0.501	0.067	66.956	8.642	-64.807	10.156	0.027	9
18	298	Ile	0.575	0.176	76.944	22.688	-79.600	28.596	0.057	8
19	304A	Ile	0.695	0.212	92.926	28.159	-92.873	33.833	0.059	8
20	312	Ile	0.502	0.054	67.113	7.221	-45.513	6.720	0.029	8
21	346A	Ile	0.392	0.051	52.428	6.815	-37.593	6.559	0.034	9
22	346B	Ile	0.487	0.089	65.127	12.044	-61.628	14.322	0.040	8
23		Ile	0.556	0.115	74.355	15.310	-46.219	12.629	0.059	9
24		Leu	0.387	0.044	51.741	5.784	-28.001	4.632	0.034	9
25		Leu	0.563	0.076	75.340	9.359	-46.536	7.535	0.035	8
26		Leu	0.344	0.030	46.004	4.023	-34.256	4.074	0.022	9
27		Leu	0.397	0.051	53.062	6.649	-30.435	5.850	0.036	8
28		Leu	0.424	0.036	56.748	4.715	-21.497	3.024	0.030	9
29		Leu	0.367	0.041	49.037	5.492	-42.227	6.112	0.026	9
30		Leu	0.402	0.049	53.783	6.604	-42.556	6.800	0.030	9
31		Leu	0.804	0.113	107.535	14.829	-73.692	12.617	0.035	9
32		Leu	0.324	0.015	43.360	1.917	-36.576	2.464	0.010	7
33		Leu	0.436	0.029	58.363	3.802	-60.207	4.730	0.011	7
34		Leu	0.494	0.108	66.149	14.367	-53.494	14.636	0.053	9
35		Leu	0.199	0.007	26.598	0.813	-19.487	0.949	0.008	9
36		Leu	0.351	0.033	47.009	4.209	-34.119	4.422	0.023	8
37		Leu	0.430	0.095	57.534	12.536	-35.219	10.637	0.063	9
38		Leu	0.412	0.072	55.054	9.524	-69.715	14.119	0.029	8
39		Leu	0.255	0.046	34.095	5.986	-22.366	6.027	0.048	9
40		Leu	0.295	0.035	39.412	4.695	-29.809	4.970	0.030	9
41		Leu	0.201	0.010	26.856	1.250	-9.252	1.042	0.016	9
42		Leu	0.535	0.058	71.589	7.464	-49.723	6.988	0.027	8
43		Leu	0.362	0.081	48.425	10.864	-28.525	9.312	0.066	9
44		Leu	0.497	0.088	66.500	11.927	-41.327	10.479	0.050	8
45		Leu	0.398	0.063	53.196	8.186	-38.545	7.918	0.040	9
46		Leu	0.594	0.159	79.457	22.010	-69.627	23.462	0.062	9
47		Leu	0.474	0.087	63.437	11.324	-57.041	12.088	0.035	8
48		Leu	0.449	0.058	60.037	7.612	-45.716	7.497	0.032	9
49		Leu	0.767	0.091	102.626	12.987	-71.330	11.227	0.032	9
50		Leu	0.347	0.051	46.472	6.876	-41.955	8.173	0.033	8
51		Leu	0.359	0.036	48.041	4.802	-47.783	5.990	0.021	9
52		Leu	0.565	0.101	75.536	13.204	-57.866	13.173	0.043	8
53		Leu	0.381	0.034	50.986	4.223	-32.970	3.804	0.023	9
54		Leu*	0.558	0.075	74.585	9.998	-50.543	9.141	0.036	8
55		Leu	0.575	0.094	76.960	12.908	-86.908	17.497	0.030	8
56		Leu	0.354	0.031	47.381	3.964	-27.382	3.375	0.025	9
57		Leu	0.199	0.015	26.611	1.849	-23.165	2.388	0.016	9

58	Leu	0.652	0.078	87.256	10.326	-47.914	7.648	0.036	9
59	Leu	0.263	0.037	35.131	4.980	-31.953	6.145	0.032	9
60	Leu	0.481	0.099	64.385	13.190	-60.765	15.242	0.044	9
61	Leu	0.460	0.066	61.479	8.395	-54.172	9.226	0.031	9
62	Leu	0.681	0.108	91.145	14.664	-70.891	14.016	0.039	9
63	Leu	0.480	0.058	64.252	8.033	-40.718	7.194	0.035	8
64	Leu	0.587	0.081	78.512	10.714	-52.748	9.291	0.037	9
65	Leu	0.179	0.015	23.966	1.973	-17.076	2.358	0.021	9
66	Leu	0.648	0.056	86.631	6.892	-58.490	5.828	0.018	7
67	Leu	0.764	0.170	102.232	22.591	-67.722	19.446	0.057	8
68	Leu	0.800	0.110	106.972	14.235	-96.370	15.963	0.027	7
69	Leu	0.458	0.095	61.321	12.547	-29.697	9.638	0.065	8
70	Leu	0.086	0.006	11.508	0.770	-7.104	1.312	0.014	9
71	Leu	0.447	0.064	59.791	8.650	-45.627	8.537	0.037	9
72	Leu	0.169	0.008	22.604	1.058	-6.106	0.913	0.017	9
73	Leu	0.241	0.021	32.187	2.776	-29.825	3.542	0.019	9
74	Leu	0.564	0.128	75.422	17.364	-69.127	20.742	0.048	7
75	Leu	0.354	0.042	47.327	5.519	-36.440	5.692	0.029	9
76	Leu	0.103	0.005	13.771	0.580	-7.666	0.846	0.010	9
77	Leu	0.210	0.017	28.113	2.196	-22.855	2.672	0.019	9
78	Leu	0.753	0.210	100.722	28.575	-96.509	32.884	0.056	8
79	Leu	0.174	0.018	23.316	2.376	-14.502	2.685	0.028	9
80	Leu	0.342	0.036	45.809	4.806	-31.034	4.567	0.028	9
81	Leu	0.521	0.128	69.707	17.373	-77.000	24.253	0.045	7
82	Leu	0.148	0.013	19.838	1.677	-17.089	2.395	0.019	9
83	Leu	0.310	0.037	41.407	4.842	-27.763	5.003	0.031	8
84	Leu	0.476	0.063	63.699	8.411	-38.851	7.362	0.037	8
85	Leu	0.143	0.015	19.079	1.973	-10.728	2.360	0.028	9
86	Leu	0.390	0.035	52.236	4.598	-42.666	4.870	0.021	9
87	Leu	0.264	0.027	35.302	3.490	-23.378	3.770	0.026	8
88	Leu	0.444	0.074	59.443	9.813	-68.619	13.922	0.030	8
89	Leu	0.427	0.040	57.142	5.338	-22.357	3.474	0.033	9
90	Leu	0.328	0.034	43.828	4.349	-21.375	3.427	0.032	9
91	Leu	0.593	0.103	79.351	13.612	-60.744	13.027	0.042	9
92	Leu/Val	0.495	0.039	66.161	5.000	-42.186	4.473	0.021	8
93	Val	0.864	0.224	115.563	29.681	-87.697	27.887	0.059	8
94	Val	0.952	0.174	127.411	22.415	-81.918	18.325	0.044	8
95	Val	0.633	0.137	84.724	17.456	-97.211	23.762	0.036	8
96	Val	0.635	0.090	84.889	11.817	-49.118	9.498	0.040	8
97	Val	0.976	0.132	130.576	17.631	-77.428	13.535	0.036	8
98	Val	0.643	0.112	85.976	15.063	-54.833	13.607	0.047	7
99	Val	0.585	0.125	78.220	15.982	-54.205	14.743	0.053	8
100	Val	0.149	0.018	19.879	2.352	-15.663	3.203	0.028	9
101	Val	0.386	0.125	51.700	16.582	-76.159	29.305	0.048	8
102	Val	0.729	0.068	97.587	9.389	-62.478	7.665	0.026	9
103	Val	0.705	0.130	94.302	17.715	-90.407	20.043	0.038	9
104	Val	0.686	0.103	91.775	13.666	-78.626	14.115	0.033	9
105	Val	0.534	0.041	71.484	5.315	-42.997	4.306	0.022	9
106	Val	0.700	0.165	93.615	22.414	-86.235	24.538	0.050	9
107	Val	0.893	0.168	119.480	21.990	-87.524	19.505	0.044	9
108	Val	0.531	0.043	71.057	5.664	-44.179	4.701	0.023	9
109	Val	0.298	0.028	39.892	3.599	-27.098	3.540	0.024	9
110	Val	0.477	0.033	63.756	4.268	-46.688	4.471	0.017	7
111	Val	0.785	0.163	104.978	21.396	-75.690	19.554	0.050	8
112	Val	0.883	0.236	118.159	31.005	-87.334	28.461	0.061	8
113	Val	0.229	0.029	30.605	3.702	-29.871	4.957	0.026	9
114	Val	0.967	0.153	129.329	20.640	-81.403	15.568	0.039	8
115	Val	0.624	0.116	83.413	15.770	-50.333	13.076	0.053	8
116	Val	0.614	0.067	82.165	9.026	-79.981	10.466	0.022	9
117	Val	0.288	0.026	38.538	3.427	-25.227	3.324	0.024	9
118	Val	0.799	0.232	106.823	30.715	-118.381	38.139	0.048	8
119	Val	0.867	0.137	116.048	17.700	-89.424	16.823	0.035	8
120	Val	0.503	0.062	67.228	8.225	-68.806	10.429	0.024	8
121	Val	0.685	0.097	91.580	13.075	-52.618	10.339	0.041	8
122	Val	0.747	0.110	99.931	14.345	-110.171	18.211	0.025	9
123	Val	1.047	0.161	140.037	21.574	-92.958	16.939	0.036	8
124	Val	0.731	0.208	97.779	26.961	-98.884	32.545	0.052	8
125	Val	0.352	0.035	47.035	4.546	-37.263	4.791	0.024	9

Table S10. Relative side chain dynamics of the α_{1B}-AR-B1D1 binding **prazosin**. Data was recorded at **298 K** at 700 MHz. Assignments and ambiguities are mentioned under "Remark". Ile assignments in parentheses indicate less likely alternative assignments. Ile assignments separated by slashes are equally likely. The degree of freedom (df) indicates if data points were excluded to fit η and δ. A df of 5 means that all data points (7) were included, 4 means that one point and 3 means that two data points were excluded from the fit.

Peak Nr.	Amino Acid	Remark	η [s^{-1}]	η SE [s^{-1}]	δ [s^{-1}]	δ SE [s^{-1}]	RSE	df
1	Ile	I304/I133A	198.337	8.145	-137.538	6.713	0.008	5
2	Ile	I42	61.867	8.297	-68.467	11.231	0.021	5
3	Ile	I219A	214.473	69.531	-203.960	78.739	0.044	3
4	Ile	I145	147.292	26.648	-135.124	28.411	0.030	5
5	Ile	I178B	64.673	17.049	-50.180	17.502	0.053	5
6	Ile	I163	84.334	18.759	-53.474	15.826	0.051	5
7	Ile		226.436	6.476	-229.606	7.584	0.004	3
8	Ile	I219C (I133B)	214.932	56.209	-164.423	53.567	0.044	3
9	Ile		247.953	69.380	-227.834	72.681	0.037	4
10	Ile	I46	149.398	43.472	-166.538	54.876	0.040	5
11	Ile		191.556	66.788	-158.641	65.865	0.058	4
12	Ile	I178A	66.100	15.130	-50.142	15.212	0.047	5
13	Ile	I67	219.413	66.343	-187.404	64.538	0.047	5
14	Ile	I56	251.983	54.411	-200.291	49.174	0.034	5
15	Ile	I312	126.947	7.258	-98.606	6.811	0.011	5
16	Ile		153.053	15.735	-100.917	12.746	0.022	5
17	Ile		144.429	25.661	-126.976	28.798	0.030	3
18	Ile		184.822	54.660	-176.717	59.415	0.044	5
19	Ile	I214	146.281	14.063	-124.525	14.078	0.017	5
20	Leu		204.413	46.904	-182.136	48.822	0.035	4
21	Leu		166.494	59.312	-160.831	65.542	0.055	5
22	Leu		95.697	2.395	-80.326	2.456	0.005	5
23	Leu	Val?	196.154	60.747	-174.845	61.859	0.048	5
24	Leu		166.077	27.192	-116.288	22.940	0.033	5
25	Leu		110.639	10.666	-82.076	9.767	0.020	5
26	Leu		67.165	5.890	-48.203	5.676	0.018	5
27	Leu		113.182	7.175	-76.182	6.078	0.014	5
28	Leu		112.119	17.472	-49.274	13.151	0.040	3
29	Leu		143.443	22.815	-96.316	18.856	0.034	5
30	Leu		123.211	13.043	-79.968	10.651	0.023	5
31	Leu		111.604	22.336	-105.737	24.977	0.034	5
32	Leu		195.468	12.517	-148.039	11.106	0.012	5
33	Leu		108.966	14.074	-75.916	12.291	0.028	5
34	Leu		121.473	29.473	-92.421	27.301	0.048	5
35	Leu		130.604	5.506	-55.341	3.314	0.012	5
36	Leu		64.919	3.807	-38.387	3.262	0.014	5
37	Leu		119.298	8.168	-114.290	9.174	0.011	5
38	Leu		72.933	8.985	-71.817	10.818	0.021	5
39	Leu		105.059	19.154	-97.106	21.078	0.032	5
40	Leu		143.977	23.508	-83.099	17.300	0.038	5
41	Leu		123.795	23.805	-71.876	17.878	0.045	5
42	Leu		96.648	14.132	-68.447	12.671	0.031	5
43	Leu		180.465	46.470	-139.699	42.267	0.047	5
44	Leu		146.374	23.153	-115.703	21.789	0.030	5
45	Leu		205.919	31.397	-98.873	21.802	0.035	3
46	Leu		93.003	22.220	-92.891	26.368	0.040	5
47	Leu		131.767	56.603	-171.624	82.774	0.053	5
48	Leu		175.023	16.644	-156.244	17.118	0.015	5
49	Leu		87.913	4.213	-69.296	4.151	0.010	5
50	Leu		67.285	13.797	-47.094	13.064	0.044	5
51	Leu		149.452	32.400	-119.849	30.805	0.040	5
52	Leu		162.687	20.448	-127.817	18.987	0.023	5
53	Leu		92.956	5.198	-72.796	5.060	0.011	5
54	Leu		39.608	1.730	-28.106	2.004	0.009	5
55	Leu		55.464	14.930	-58.978	19.965	0.043	5
56	Leu		171.460	58.478	-147.366	58.317	0.058	5
57	Leu		139.729	13.013	-111.146	12.355	0.018	5
58	Leu		37.150	1.341	-21.864	1.476	0.008	5
59	Leu		131.123	25.005	-104.583	23.914	0.036	5

60	Leu		127.390	32.899	-124.845	37.503	0.042	5
61	Leu		65.677	3.308	-36.651	2.726	0.012	5
62	Leu		149.254	31.834	-122.568	33.779	0.037	3
63	Leu		106.853	41.247	-86.165	42.421	0.074	4
64	Leu		72.423	6.872	-39.144	5.397	0.023	5
65	Leu		50.365	2.388	-52.231	3.201	0.008	5
66	Leu		94.240	12.136	-58.618	11.740	0.028	3
67	Leu		196.206	63.481	-126.596	49.421	0.066	5
68	Leu		170.450	49.901	-143.131	52.824	0.049	3
69	Leu		201.563	60.077	-172.217	58.865	0.048	5
70	Leu		41.971	10.511	-31.663	12.233	0.048	5
71	Val		194.232	20.719	-109.904	14.580	0.024	5
72	Val		186.075	59.240	-227.663	84.198	0.035	3
73	Val		203.522	31.592	-147.641	26.954	0.029	5
74	Val		249.271	29.770	-158.449	23.064	0.022	4
75	Val		189.665	54.166	-177.746	61.601	0.042	3
76	Val		191.501	30.422	-126.800	24.232	0.032	5
77	Val		77.670	7.308	-72.933	8.400	0.017	5
78	Val		231.519	44.796	-147.470	33.967	0.038	5
79	Val		38.345	6.115	-27.992	7.303	0.031	5
80	Val		172.522	13.009	-152.823	13.306	0.012	5
81	Val		194.864	31.996	-158.601	30.163	0.028	5
82	Val		173.213	18.424	-247.417	30.145	0.010	3
83	Val	Leu?	175.725	37.147	-117.486	30.051	0.043	5
84	Val		150.237	48.888	-99.930	39.941	0.069	5
85	Val		201.741	41.813	-125.108	31.464	0.043	5
86	Val		198.433	34.262	-182.523	35.819	0.026	5
87	Val		231.587	65.476	-274.250	84.669	0.030	5
88	Val		230.220	74.951	-125.639	52.343	0.070	4
89	Val		280.712	69.402	-199.914	56.558	0.040	5
90	Val	Leu?	192.281	41.176	-187.423	46.509	0.031	4
91	Val		260.939	18.689	-145.941	13.704	0.014	3
92	Val		155.878	25.262	-94.238	19.103	0.036	5
93	Val		241.088	46.193	-198.878	43.266	0.029	5
94	Val		229.856	34.697	-240.632	42.159	0.018	3
95	Val		215.080	46.775	-204.467	52.935	0.030	3
96	Val		75.826	2.947	-60.647	3.000	0.008	5

Table S11. Relative side chain dynamics of the **apo** α_{1B}-AR-B1D1. Data was recorded at **298 K** at 700 MHz. Assignments and ambiguities are mentioned under "Remark". Ile assignments separated by slashes are equally likely. The degree of freedom (df) indicates if data points were excluded to fit η and δ. A df of 5 means that all data points (7) were included, 4 means that one point and 3 means that two data points were excluded from the fit.

Peak Nr.	Amino Acid	Remark	η [s^{-1}]	η SE [s^{-1}]	δ [s^{-1}]	δ SE [s^{-1}]	RSE	df
1	Ile		125.793	28.891	-90.450	25.502	0.047	5
2	Ile	I312	142.067	29.849	-109.681	27.616	0.040	5
3	Ile	I176/I214	140.129	30.556	-119.718	31.896	0.038	4
4	Ile	I178	47.013	10.081	-24.039	9.122	0.051	5
5	Ile	I67	196.898	34.245	-155.040	31.369	0.030	5
6	Ile	I42	51.972	9.049	-45.471	10.676	0.032	5
7	Ile		131.647	27.572	-62.797	19.053	0.054	4
8	Ile		239.141	35.200	-207.838	36.513	0.021	3
9	Ile	I145	141.268	38.101	-135.437	42.314	0.044	5
10	Ile	I56	270.742	65.089	-254.524	67.634	0.030	5
11	Leu		80.791	20.057	-82.331	24.535	0.041	5
12	Leu		160.927	29.751	-96.535	22.296	0.041	5
13	Leu		156.588	24.820	-129.350	24.102	0.028	5
14	Leu		54.506	3.794	-31.831	3.430	0.016	5
15	Leu		182.790	58.420	-167.049	61.111	0.050	5
16	Leu		88.941	21.104	-83.295	23.837	0.042	5
17	Leu		133.153	47.393	-117.769	49.343	0.062	5
18	Leu		31.753	4.159	-13.651	4.579	0.029	5
19	Leu		121.552	18.054	-52.400	11.917	0.040	4
20	Leu		82.861	23.420	-66.093	23.471	0.056	5
21	Leu		149.250	48.735	-104.216	41.402	0.067	5
22	Leu		124.423	24.043	-92.787	21.870	0.039	5
23	Leu		115.094	12.095	-96.684	12.201	0.020	5
24	Leu		110.152	24.713	-84.612	23.275	0.045	5
25	Leu		74.229	9.196	-30.711	6.667	0.032	3
26	Leu		127.725	18.388	-88.742	15.775	0.030	5
27	Leu	Val?	187.734	37.412	-146.746	35.278	0.035	4
28	Leu		59.879	2.662	-35.734	2.353	0.010	5
29	Leu		112.416	10.279	-76.319	8.770	0.020	5
30	Leu		146.041	35.884	-116.856	34.117	0.046	5
31	Leu		78.603	7.756	-50.859	6.725	0.022	5
32	Leu		212.906	66.943	-134.941	55.586	0.061	3
33	Leu		103.174	6.640	-99.550	8.399	0.010	3
34	Leu		65.413	4.331	-35.520	3.516	0.016	5
35	Leu		39.014	0.967	-27.219	1.119	0.005	5
36	Leu		192.018	46.085	-151.457	45.710	0.041	3
37	Leu		97.390	15.720	-73.836	15.644	0.032	4
38	Leu		77.330	8.165	-52.117	7.308	0.023	5
39	Leu		55.403	16.111	-44.750	17.685	0.056	5
40	Leu		99.053	3.980	-60.981	3.206	0.009	5
41	Leu		166.099	43.452	-153.285	49.558	0.041	3
42	Leu		58.355	4.079	-34.480	3.618	0.016	5
43	Leu		66.912	7.477	-51.671	7.593	0.023	5
44	Leu		171.111	49.391	-132.096	45.017	0.053	5
45	Leu		105.832	5.836	-65.833	4.695	0.013	5
46	Leu		95.182	21.044	-83.300	22.334	0.041	5
47	Leu		125.173	43.406	-116.837	47.518	0.059	5
48	Leu		98.491	12.086	-104.496	15.029	0.019	5
49	Leu		121.624	15.401	-84.017	13.213	0.027	5
50	Val		135.871	50.395	-133.764	59.275	0.058	4
51	Val		132.761	25.589	-117.877	29.309	0.032	3
52	Val		36.138	5.016	-17.851	5.250	0.031	5
53	Val		168.971	18.536	-96.962	13.368	0.025	5
54	Val	Leu?	168.203	28.447	-85.103	21.029	0.040	3
55	Val		192.961	9.739	-123.519	7.546	0.010	5
56	Val		177.957	62.216	-153.410	62.027	0.058	5
57	Val	Leu?	254.051	22.569	-143.916	16.787	0.017	3
58	Val	Leu?	140.444	27.957	-75.199	22.416	0.046	3
59	Val		165.055	22.545	-108.697	18.122	0.029	5

60	Val	185.589	31.466	-177.238	34.158	0.025	5
61	Val	245.792	58.877	-233.631	62.278	0.032	5
62	Val	221.391	40.650	-111.319	25.820	0.042	5
63	Val	162.949	36.679	-136.269	35.879	0.039	5
64	Val	238.514	66.827	-244.977	77.348	0.034	4
65	Val	182.487	18.206	-100.305	12.615	0.023	5
66	Val	157.192	11.969	-89.274	8.627	0.018	5
67	Val	154.315	19.155	-112.699	16.823	0.024	5
68	Val	231.596	17.133	-147.281	14.061	0.014	3
69	Val	175.067	26.325	-129.740	23.154	0.028	5

Table S12. Rotational correlation times of α_{1B}-AR-B1D1 binding **prazosin**. Standard errors for the rotational correlation times were estimated using 1 000 Monte Carlo samplings based on the standard errors of the α- and β-rates. Only values that were used to calculate the global rotational correlation time are listed (see Appendix A section 3 for details).

Peak Nr.	τ_c [ns]	SE τ_c [ns]	R_α [s^{-1}]	R_α SE [s^{-1}]	R_β [s^{-1}]	R_β SE [s^{-1}]
1	23.908	4.303	43.766	3.564	95.554	8.395
2	34.857	3.495	18.936	1.275	94.182	7.488
3	44.764	3.641	20.218	0.617	116.735	7.890
4	34.896	5.089	22.115	1.617	97.446	10.944
5	31.001	1.809	16.919	0.803	83.897	3.737
6	40.856	5.606	20.438	1.869	108.562	12.058
7	44.193	5.286	22.003	1.374	117.292	11.524
8	34.747	2.612	28.102	1.661	103.114	5.487
9	44.700	3.889	27.866	1.244	124.245	8.460
10	37.785	4.588	29.500	2.510	111.031	9.459
11	31.758	6.026	22.227	1.815	90.828	12.706
12	40.201	8.656	14.680	3.458	101.397	18.680
13	29.208	3.970	29.805	3.045	92.940	8.413
14	50.911	4.667	17.564	0.954	127.287	10.022
15	40.941	4.007	35.452	3.074	123.757	8.290
16	37.674	3.236	18.384	1.308	99.676	6.493
17	30.599	4.390	22.858	1.691	88.973	9.459
18	21.304	1.310	18.192	0.814	64.417	2.736
19	35.895	2.368	22.221	0.889	99.694	5.048
20	35.746	7.156	24.475	2.134	101.629	15.167
21	48.218	7.121	23.664	1.829	127.600	15.364
22	36.031	2.252	22.068	0.924	99.835	4.707
23	43.939	4.956	24.081	1.331	118.826	10.240
24	44.680	2.714	22.976	1.525	119.313	5.572
25	49.673	11.075	24.115	2.843	131.178	22.918
26	36.978	3.364	16.889	1.745	96.687	6.762
27	34.063	4.327	21.072	1.131	94.616	9.219
28	35.754	7.488	23.952	2.163	101.123	15.492
29	40.700	2.989	17.754	1.384	105.543	6.439
30	34.246	2.002	25.006	1.233	98.942	4.079
31	38.684	2.441	20.309	1.010	103.769	5.089
32	25.385	2.379	22.022	1.017	76.971	4.908
33	43.894	4.867	15.305	1.612	109.953	10.197
34	29.264	4.814	25.185	1.418	88.439	10.467
35	33.134	5.553	40.187	3.967	111.738	10.972
36	31.204	1.357	19.370	0.942	86.783	2.774
37	48.317	8.427	9.442	2.988	113.592	18.468
38	41.630	3.800	20.353	1.282	110.139	7.817
39	40.400	9.074	15.805	1.456	102.950	19.081
40	33.495	2.625	21.636	0.931	93.961	5.569
41	35.607	2.285	20.332	1.244	97.188	4.704
42	34.708	2.294	23.052	0.946	97.979	4.803
43	26.209	11.620	49.966	6.392	106.678	24.039
44	38.649	1.331	16.345	0.793	99.729	2.750
45	39.825	2.498	23.466	0.864	109.375	5.206
46	33.076	2.829	24.461	1.170	95.889	5.919
47	51.758	8.911	14.649	2.739	126.193	18.224
48	38.806	3.006	23.523	1.543	107.244	6.506
49	23.428	3.242	21.436	1.539	72.198	6.494
50	37.623	5.566	21.028	1.685	102.211	12.065
51	32.963	6.004	20.897	2.390	92.082	12.488
52	43.743	6.205	24.502	1.472	118.826	13.311
53	33.399	4.269	21.768	1.417	93.887	9.067
54	40.149	11.359	32.863	5.303	119.469	23.202
55	34.819	2.446	17.689	0.611	92.854	5.209
56	39.974	2.373	21.401	0.892	107.630	5.028
57	44.888	1.343	19.298	0.900	116.082	2.809
58	34.148	5.587	22.509	1.856	96.234	11.300
59	30.200	2.405	15.462	0.863	80.723	5.199
60	33.379	2.547	23.737	0.961	95.814	5.295
61	35.960	10.649	19.844	2.979	97.457	22.731

62	25.133	6.537	16.049	2.248	70.458	13.884
63	37.322	2.466	15.101	0.787	95.639	5.206
64	26.731	1.842	22.967	1.388	80.797	3.558
65	34.223	3.204	20.452	0.817	94.339	6.840
66	43.975	3.945	16.143	1.155	110.966	8.520
67	30.382	3.610	19.678	1.749	85.328	7.509
68	44.175	1.442	15.161	0.489	110.412	3.123
69	28.771	5.151	27.619	2.987	89.816	10.682
70	43.797	5.357	25.928	1.506	120.367	10.826
71	46.867	5.035	14.195	1.228	115.228	11.032
72	40.280	7.714	18.819	1.614	105.706	16.966
73	46.806	4.776	20.703	1.340	121.607	10.147
74	31.496	8.820	28.932	3.766	96.970	18.311
75	48.098	3.010	20.618	0.945	124.297	6.702
76	30.190	3.269	20.594	1.437	85.832	6.938
77	38.225	4.566	22.631	1.307	105.106	9.451
78	43.689	4.458	22.497	1.389	116.706	9.098
79	41.318	4.625	18.290	1.511	107.405	9.798
80	32.325	9.124	16.935	2.147	86.752	19.508
81	26.059	1.050	21.378	0.495	77.768	2.335
82	39.302	2.608	20.004	0.890	104.791	5.472
83	47.916	6.829	16.040	2.204	119.328	14.684
84	34.162	3.233	19.604	1.191	93.360	6.652
85	32.320	3.025	20.006	1.614	89.812	6.224
86	30.344	2.267	26.633	0.952	92.203	4.888
87	44.683	6.216	23.727	2.023	120.069	13.808
88	38.740	6.525	28.938	3.509	112.517	14.053
89	41.074	6.508	25.126	3.323	113.718	13.594
90	38.655	6.498	24.229	1.900	107.627	14.374
91	26.541	1.582	20.733	0.748	78.155	3.265
92	39.404	1.610	21.138	0.922	106.145	3.370
93	35.812	2.733	18.035	0.743	95.330	5.951
94	30.605	5.036	20.585	2.039	86.712	10.961
95	36.460	1.963	18.963	0.627	97.650	4.194
96	41.382	7.620	18.063	1.363	107.316	15.556
97	52.544	7.678	18.919	3.667	132.153	16.203
98	49.118	4.862	22.175	1.653	128.046	10.251
99	26.495	3.486	25.415	2.073	82.739	7.116
100	41.850	1.812	18.369	0.831	108.627	3.896
101	27.456	9.506	20.345	1.975	79.726	19.730
102	47.743	6.745	22.020	1.820	124.936	14.390
103	30.240	4.742	16.935	2.255	82.280	9.983
104	48.443	5.922	25.246	2.952	129.666	12.454
105	34.322	4.225	19.625	1.525	93.725	8.858
106	44.694	6.075	21.349	1.556	117.715	13.367
107	32.104	1.905	24.155	0.751	93.497	4.118
108	25.476	6.342	41.717	4.061	96.860	12.734
109	37.161	3.735	16.608	2.019	96.798	7.884
110	38.350	3.176	19.841	0.972	102.585	6.753
111	36.900	2.898	20.052	1.019	99.683	6.274
112	32.174	4.865	18.770	1.581	88.263	10.220
113	27.370	9.760	23.974	5.001	83.172	20.824

Table S13. Rotational correlation times of α_{1B}-AR-B1D1 binding **ρ-TIA**. Standard errors for the rotational correlation times were estimated using 1 000 Monte Carlo samplings based on the standard errors of the α- and β-rates. Only values that were used to calculate the global rotational correlation time are listed (see Appendix A section 3 for details).

Peak Nr.	τ_c [ns]	SE τ_c [ns]	R_α [s^{-1}]	R_α SE [s^{-1}]	R_β [s^{-1}]	R_β SE [s^{-1}]
1	37.724	3.550	16.142	1.559	97.541	7.362
2	55.554	9.499	19.681	2.192	139.384	19.935
3	36.576	4.224	17.891	1.345	96.827	9.062
4	41.401	7.902	22.539	2.522	111.832	17.043
5	32.019	5.557	17.401	1.432	86.560	12.166
6	38.893	1.664	17.117	0.804	101.026	3.453
7	33.799	5.871	16.896	1.160	89.874	12.225
8	35.225	3.152	24.425	1.869	100.461	6.328
9	57.417	8.437	23.140	1.889	146.847	18.721
10	34.823	3.912	24.687	2.282	99.862	7.891
11	29.778	5.169	21.433	2.039	85.789	10.623
12	27.716	3.046	16.468	1.369	76.406	6.592
13	40.588	9.051	30.402	2.691	117.949	19.178
14	47.958	8.135	26.511	2.302	129.890	17.862
15	36.647	8.223	14.954	4.619	94.043	16.719
16	42.562	1.874	15.990	0.810	107.778	3.944
17	58.036	7.134	18.443	1.933	143.481	16.000
18	32.552	4.774	24.361	1.841	94.663	10.035
19	37.402	9.903	21.655	2.592	102.365	21.060
20	37.723	4.894	18.905	1.805	100.302	10.328
21	34.189	3.553	21.279	1.104	95.093	7.692
22	29.314	5.863	16.397	2.499	79.758	12.366
23	35.344	3.620	19.500	0.992	95.793	7.484
24	39.402	4.475	20.558	1.410	105.561	9.574
25	39.829	7.978	17.088	2.530	103.006	17.377
26	30.489	2.954	18.272	0.772	84.151	6.204
27	32.728	2.012	21.062	0.780	91.743	4.424
28	43.590	3.109	16.175	1.195	110.170	6.534
29	44.920	5.877	21.419	1.566	118.270	12.553
30	23.867	6.869	35.828	4.398	87.528	13.916
31	49.219	11.236	20.828	3.024	126.916	24.289
32	39.759	8.099	22.145	2.121	107.913	16.822
33	43.864	4.572	24.568	2.444	119.151	9.996
34	25.134	4.029	25.101	2.367	79.512	8.416
35	35.223	3.222	23.354	1.517	99.387	6.731
36	29.650	3.579	22.822	1.619	86.903	7.524
37	31.400	2.880	17.901	0.963	85.733	5.980
38	32.136	6.582	20.164	2.401	89.574	12.841
39	43.841	7.575	21.247	2.463	115.781	15.980
40	34.656	3.745	19.339	1.069	94.155	7.691
41	30.344	2.953	20.581	1.560	86.149	5.936
42	37.558	4.371	20.221	1.522	101.264	8.705
43	39.888	8.301	13.440	3.001	99.484	17.478
44	34.184	3.805	19.712	1.536	93.515	8.147
45	37.060	6.283	23.637	1.483	103.610	12.933
46	28.309	6.727	38.323	3.263	99.531	13.862
47	36.735	5.539	24.943	1.913	104.220	11.782
48	39.981	6.311	26.276	2.738	112.521	13.782
49	36.403	2.332	20.909	1.560	99.474	4.749
50	39.606	1.966	19.321	0.993	104.762	4.083
51	43.719	5.010	18.492	1.172	112.763	10.750
52	38.145	9.354	20.929	3.361	103.233	19.611
53	34.155	2.731	20.593	1.066	94.335	5.623
54	27.699	11.889	28.416	6.532	88.318	24.484
55	33.219	5.302	23.443	1.810	95.177	11.216
56	36.884	3.926	17.781	1.529	97.377	8.423
57	31.564	10.287	15.561	2.228	83.746	22.442
58	41.653	6.505	22.242	2.541	112.077	13.787
59	33.383	3.534	17.861	1.230	89.946	7.525
60	42.559	5.921	22.268	1.468	114.050	12.851
61	49.216	4.571	17.882	0.819	123.962	9.705

62	28.530	4.424	27.766	2.809	89.449	8.684
63	49.813	11.497	16.426	2.753	123.790	24.056
64	38.847	2.066	19.665	0.715	103.476	4.361
65	20.601	2.447	20.322	1.500	65.047	5.003
66	23.737	1.182	18.629	0.920	70.053	2.429
67	29.250	2.587	20.296	1.169	83.521	5.356
68	37.771	3.082	22.169	1.571	103.669	6.369
69	33.834	3.110	22.761	1.475	95.813	6.586
70	32.301	8.117	25.710	2.300	95.474	17.570
71	31.818	6.039	24.966	2.091	93.694	12.925
72	35.758	3.973	27.783	1.821	104.964	8.585
73	30.494	5.843	20.388	2.885	86.278	11.966
74	33.134	3.141	23.702	1.487	95.253	6.562
75	38.675	4.928	28.074	1.436	111.514	10.834
76	32.280	8.901	27.762	3.613	97.481	18.454
77	34.496	5.334	22.980	1.348	97.451	11.024
78	44.855	8.520	18.450	2.167	115.162	18.618
79	45.759	8.615	22.605	2.236	121.260	18.336
80	34.234	6.041	21.242	2.180	95.152	12.471
81	46.037	4.956	18.338	1.895	117.589	10.571
82	27.980	5.765	22.886	3.252	83.390	11.790
83	40.524	4.935	24.160	1.809	111.570	10.462
84	20.735	4.585	13.353	2.658	58.364	9.251
85	32.267	6.515	23.460	2.059	93.150	13.645
86	42.991	10.552	20.319	2.132	113.029	22.406
87	24.832	9.218	21.822	2.769	75.587	19.668
88	34.273	4.381	22.318	2.651	96.313	9.212