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SUPPLEMENTARY MATERIAL

Table IS: Resonance assignments of ^{15}N -labelled recombinant murine LIF (1 mM, 30 mM $\text{C}^2\text{H}_3\text{COOH}$, 37°C , pH 4.05, $\text{H}_2\text{O}:\text{D}_2\text{O}$ 10:1), chemical shifts in ppm^a.

Residue	HN	^{15}N	C^αH	C^βH	Other assignments
Ser 1	8.61	117.1	4.85	3.84	
Pro 2				2.28	
Leu 3	8.22	123.6	4.63	1.62	$\text{C}^\delta\text{H}_3$ 1.02, 0.86
Pro 4				2.30	
Ile 5	8.16	120.8	4.20	1.89	$\text{C}^\gamma\text{H}_2$ 1.51, $\text{C}^\gamma\text{H}_3$ 1.09, 0.88
Thr 6	8.19	120.8	4.24		$\text{C}^\gamma\text{H}_3$ 1.24
Pro 7			4.50	2.33, 1.95	
Val 8	8.19	119.7	4.10	2.10	$\text{C}^\gamma\text{H}_3$ 0.98
Asn 9	8.35	121.5	4.84	2.81	
Ala 10	8.35	125.1	4.53 c)	1.42	
Thr 11	8.06	112.7	4.58	4.29	$\text{C}^\gamma\text{H}_3$ 1.24
Cys 12	8.20	119.0		3.27, 3.00	
Ala 13	8.27	125.6	4.39	1.41	
Ile 14	7.59	118.5	4.15	1.88	$\text{C}^\gamma\text{H}_2$ 1.44, 1.20, $\text{C}^\gamma\text{H}_3$ 0.90
Arg 15	8.40	123.8	4.30	1.81	$\text{C}^\gamma\text{H}_2$ 1.61
His 16	7.92	118.4	5.04	3.30, 3.15	
Pro 17			4.45	2.27, 2.03	
Cys 18	8.48	120.0	4.86	3.29, 3.00	
His 19	8.69	119.5	4.85	3.30, 3.22	
Gly 20	8.45	108.0	3.96		
Asn 21				2.62	
Leu 22	8.70	119.1	3.94	1.83	$\text{C}^\gamma\text{H}_2$ 1.61

TABLE	IS	(cont.)			
Residue	HN	^{15}N	C^αH	C^βH	Other assignments
Met 23	8.22	121.2	4.13	2.07	$\text{C}^\gamma\text{H}_2$ 2.63
Asn 24	8.72	121.8	4.09	2.95, 2.91	
Gln 25	8.08	119.2	4.52	2.02	
Ile 26	8.15	118.5	3.88	1.76	$\text{C}^\gamma\text{H}_2$ 1.56, $\text{C}^\gamma\text{H}_3$ 0.47
Lys 27	8.58	120.6	3.99	2.12, 1.95	
Asn 28	7.84	119.3	4.10	2.80, 2.52	
Gln 29					
Leu 30					
Ala 31					
Gln 32			3.95	2.23	
Leu 33	8.21	121.2	4.14	2.06	$\text{C}^\gamma\text{H}_3$ 1.05
Asn 34	8.74	117.2	4.30	2.82, 2.50	
Gly 35	8.50	103.4	4.12, 4.03		
Ser 36					
Ala 37	7.55	127.6	4.34	1.25	
Asn 38	9.00	117.7	4.54	2.88	
Ala 39	8.51	120.9	4.11	1.49	
Leu 40	7.98	121.2	4.07	2.33	$\text{C}^\gamma\text{H}_2$ 1.73, $\text{C}^\gamma\text{H}_3$ 0.92
Phe 41	8.21	120.6	4.30	3.66, 3.34	C^δH 7.44, $\text{C}^\epsilon\text{H}$ 7.72, C^ζH 7.30
Ile 42	8.60	118.0	2.90	1.58	$\text{C}^\gamma\text{H}_3$ 0.94, $\text{C}^\delta\text{H}_3$ 0.65
Ser 43	8.22	117.4	3.90	3.99	
Tyr 44	8.40	119.5	3.92	3.35, 2.68	C^δH 6.71, $\text{C}^\epsilon\text{H}$ 6.34
Tyr 45	8.78	119.4	4.05	3.15	C^δH 6.23, $\text{C}^\epsilon\text{H}$ 6.68
Thr 46	7.79	116.4	3.89	4.09	$\text{C}^\gamma\text{H}_3$ 1.16

TABLE	IS	(cont.)			
Residue	HN	^{15}N	C^αH	C^βH	Other assignments
Ala 47	7.38	122.8	4.15	1.31	
Gln 48	7.04	111.3	3.82	2.03, 1.60	$^{15}\text{N}^\delta$ 113.5 a), $\text{N}^\delta\text{H}_2$ 8.13, 5.96 a)
Gly 49	7.24	103.4	4.40, 3.90		
Glu 50	8.76	118.8	4.47	2.08	$\text{C}^\gamma\text{H}_2$ 2.54
Pro 51					
Phe 52	9.24	122.7	4.02	3.83	C^δH 7.46, $\text{C}^\epsilon\text{H}$ 7.33, C^ζH 6.76
Pro 53			4.09	1.96	
Asn 54	7.90	111.2	4.87	2.92, 2.74	
Asn 55	7.96	118.5	5.26	2.79, 2.53	
Val 56	7.58	122.6	3.30	1.76	$\text{C}^\gamma\text{H}_3$ 0.73, 0.28
Glu 57	8.56	116.9	4.04	2.04	$\text{C}^\gamma\text{H}_2$ 2.43
Lys 58	7.35	115.1	4.36	1.83	$\text{C}^\gamma\text{H}_2$ 1.48
Leu 59	7.94	116.9	4.34	1.64	$\text{C}^\delta\text{H}_3$ 0.81, 0.22
Cys 60	7.93	113.2	4.90	4.02, 3.78	
Ala 61	7.14	123.8	4.46	1.46	
Pro 62			4.40		
Asn 63	8.26	119.0	4.77	2.88, 2.69	
Met 64	8.79	121.9	4.43	2.32, 1.94	$\text{C}^\gamma\text{H}_2$ 2.63
Thr 65	8.17	117.0	3.99	4.17	$\text{C}^\gamma\text{H}_3$ 1.28
Asp 66	8.59	120.6	3.99	2.94, 2.80	
Phe 67	7.60	122.7	4.27	3.08, 2.96	C^δH 7.55, $\text{C}^\epsilon\text{H}$ 7.45, C^ζH 7.24
Pro 68					
Ser 69					
Phe 70					C^δH 7.14, $\text{C}^\epsilon\text{H}$ 7.45, C^ζH 7.08

TABLE	IS	(cont.)			
Residue	HN	^{15}N	C^αH	C^βH	Other assignments
His 71				3.15	
Gly 72	8.70	111.9	3.86, 3.46		
Asn 73	8.10	115.5	4.88	2.96, 2.81	
Gly 74	7.48	105.9	4.21, 3.70		
Thr 75	7.98	109.1	4.40		$\text{C}^\gamma\text{H}_3$ 1.38
Glu 76	8.87	121.4	3.83	2.38, 2.23	$\text{C}^\gamma\text{H}_2$ 2.49
Lys 77	8.01	116.0	3.22		$\text{C}^\gamma\text{H}_2$ 1.27
Thr 78	7.38	112.5	3.82	4.17	$\text{C}^\gamma\text{H}_3$ 1.20
Lys 79	8.62	121.4	4.04	1.89	$\text{C}^\gamma\text{H}_2$ 1.42
Leu 80	8.65	118.8	4.40	2.36	
Val 81	8.33	121.3	3.56	2.30	$\text{C}^\gamma\text{H}_3$ 1.04
Glu 82	8.72	117.7	4.16	2.58, 2.46	
Leu 83	9.42	122.2	4.28	2.04	$\text{C}^\gamma\text{H}_2$ 1.54, $\text{C}^\delta\text{H}_3$ 0.88, 0.73
Tyr 84	8.99	120.3	3.66	3.37, 3.15	C^δH 6.78, $\text{C}^\epsilon\text{H}$ 6.82
Arg 85	8.46	116.0	3.88	1.89	
Met 86	8.45	117.1	3.86	2.26	$\text{C}^\gamma\text{H}_2$ 2.44
Val 87	9.12	119.2	3.68	2.07	$\text{C}^\gamma\text{H}_3$ 0.96
Ala 88	9.21	127.5	3.93	1.38	
Tyr 89	7.94	120.4	4.05	3.24, 2.98	$\text{C}^\delta/\epsilon/\zeta\text{H}$ 6.73
Leu 90	8.99	122.5	3.79	2.07	$\text{C}^\delta\text{H}_3$ 1.02
Ser 91	9.28	116.2	3.93	3.66	
Ala 92	7.71	124.7	4.13	1.50	
Ser 93	8.17	115.3	4.07	3.79, 3.67	
Leu 94	9.25	122.2	3.99	1.87	$\text{C}^\delta\text{H}_3$ 1.26

TABLE	IS	(cont.)			
Residue	HN	^{15}N	C^αH	C^βH	Other assignments
Thr 95	8.32	121.3	3.87	4.43	$\text{C}^\gamma\text{H}_3$ 1.24
Asn 96	7.68	122.1	4.44	3.05, 2.96	
Ile 97	8.16	121.2	4.03	2.04	$\text{C}^\gamma\text{H}_2$ 1.91, $\text{C}^\gamma\text{H}_3$ 1.09
Thr 98	8.61	116.8	3.84	4.41	$\text{C}^\gamma\text{H}_3$ 1.36
Arg 99	7.53	121.3	4.03	2.02	$\text{C}^\gamma\text{H}_2$ 1.66
Asp 100	8.07	119.6	4.52	2.97, 2.74	
Gln 101	9.14	117.1	3.69	1.95	
Lys 102	7.69	119.2	3.95	1.95	$\text{C}^\gamma\text{H}_2$ 1.46
Val 103	6.99	114.5	3.96	2.27	$\text{C}^\gamma\text{H}_3$ 1.10, 1.01
Leu 104	8.61	117.9	4.15	1.95	$\text{C}^\delta\text{H}_3$ 0.93
Asn 105	8.39	115.6	5.33	2.78, 2.51	
Pro 106				2.06, 2.02	
Thr 107	7.95	105.8	4.43	4.64	$\text{C}^\gamma\text{H}_3$ 1.29
Ala 108	7.85	129.5	4.84	1.44	
Val 109	8.19	123.7	3.69	2.11	$\text{C}^\gamma\text{H}_3$ 1.05
Ser 110	8.66	116.5	4.22	3.97	
Leu 111	7.53	121.6	4.19	1.99, 1.35	
Gln 112	7.29	116.9	3.86	2.43, 2.28	
Val 113	8.09	119.3	3.74		$\text{C}^\gamma\text{H}_3$ 1.13, 1.00
Lys 114	7.97	119.8	4.19	1.93, 1.79	
Leu 115	9.01	123.5	3.88	2.02	$\text{C}^\gamma\text{H}_2$ 1.58, $\text{C}^\delta\text{H}_3$ 0.92
Asn 116	8.43	116.9	4.39	2.87, 2.81	
Ala 117	8.33	121.8	4.26	1.59	
Thr 118	7.64	115.7	3.90	4.39	$\text{C}^\gamma\text{H}_3$ 1.11

TABLE	IS	(cont.)			
Residue	HN	^{15}N	$\text{C}^{\alpha}\text{H}$	C^{β}H	Other assignments
Ile 119	8.36	123.0	3.41	1.85	$\text{C}^{\gamma}\text{H}_2$ 1.82, 0.81
Asp 120	8.28	119.1	4.40	2.92, 2.76	
Val 121	7.73	121.6	3.78	2.24	$\text{C}^{\gamma}\text{H}_3$ 1.16, $\text{C}^{\gamma}\text{H}_3$ 0.93
Met 122	8.49	118.8	3.77	2.07	
Arg 123	8.71	118.8	3.92	1.97	
Gly 124	7.73	108.1	3.91, 3.86		
Leu 125	8.57	126.6	4.46	2.05	$\text{C}^{\delta}\text{H}_3$ 0.95
Leu 126	8.65	119.5	3.84	2.35	$\text{C}^{\gamma}\text{H}_2$ 1.76, $\text{C}^{\delta}\text{H}_3$ 0.61, 0.24
Ser 127	7.54	112.3	4.32	4.03	
Asn 128	7.93	120.5		3.06, 2.52	
Val 129	9.12	121.2	3.60	2.45	$\text{C}^{\gamma}\text{H}_3$ 1.30, 1.13
Leu 130	8.74	120.5	4.07	1.96, 1.83	
Cys 131	8.36	117.0	4.19	3.62, 3.23	
Arg 132	7.99	120.8	4.07	1.85	
Leu 133	8.99	119.5	4.31	2.11	$\text{C}^{\delta}\text{H}_3$ 0.65
Cys 134	9.03	117.5	4.32	3.13	
Asn 135	8.55	117.7	4.52	3.05, 2.77	
Lys 136	8.28	116.9	4.34	1.53	
Tyr 137	6.87	112.7		3.38, 3.09	$\text{C}^{\delta}\text{H}$ 7.29, $\text{C}^{\epsilon}\text{H}$ 6.88
Arg 138	7.54	116.1	4.30	2.06	$\text{C}^{\gamma}\text{H}_2$ 1.62
Val 139	7.46	116.4		1.94	$\text{C}^{\gamma}\text{H}_3$ 0.81
Gly 140	8.26	111.0	4.04		
His 141	7.80	116.5	4.81	3.19	
Val 142	8.10	122.4	3.93	1.39	$\text{C}^{\gamma}\text{H}_3$ 0.95, 0.41

TABLE	IS	(cont.)			
Residue	HN	^{15}N	C^αH	C^βH	Other assignments
Asp 143	8.74	126.3	4.79	2.72, 2.56	
Val 144	8.44	121.7		2.20	$\text{C}^\gamma\text{H}_3$ 1.08
Pro 145					
Pro 146					
Val 147					
Pro 148			4.32	2.20	
Asp 149	8.38	121.0	4.51	2.73, 2.67	
His 150	8.74	120.6	5.08	3.22	
Ser 151	8.51	115.5	4.10	3.95	
Asp 152	8.67	118.1		2.85, 2.75	
Lys 153	7.71	119.5	4.52	1.95, 1.59	$\text{C}^\gamma\text{H}_2$ 1.46
Glu 154	8.72	120.6	4.36	2.43, 2.24	$\text{C}^\gamma\text{H}_2$ 2.61
Ala 155	8.90	125.5	3.92	1.61	
Phe 156	9.30	116.8	4.26	3.54, 3.13	C^δH 7.46, $\text{C}^\epsilon\text{H}$ 7.22, C^ζH 7.06
Gln 157	7.32	115.5	3.95	2.40, 2.20	$\text{C}^\gamma\text{H}_2$ 2.62
Arg 158	8.20	118.5	3.91	1.95, 1.81	
Lys 159	8.50	120.4	3.88	2.03	
Lys 160	8.59	123.5	4.23	1.92	
Leu 161	8.97	120.4	4.11	1.77	$\text{C}^\gamma\text{H}_2$ 1.31, $\text{C}^\delta\text{H}_3$ 0.84, 0.45
Gly 162	8.07	105.5	3.81, 3.80		
Cys 163	7.67	121.5	4.04	2.97	
Gln 164	8.80	117.6	4.07	2.32, 2.15	
Leu 165	8.38	124.3	4.48	2.11	$\text{C}^\gamma\text{H}_2$ 1.12
Leu 166	8.02	120.1	4.31	2.09	$\text{C}^\gamma\text{H}_2$ 1.70, $\text{C}^\delta\text{H}_3$ 0.87

TABLE	IS	(cont.)			
Residue	HN	^{15}N	$\text{C}^{\alpha}\text{H}$	C^{β}H	Other assignments
Gly 167	9.27	109.6	3.74, 3.16		
Thr 168	8.39	120.8	3.68		
Tyr 169	8.96	122.3	4.29	3.32, 3.28	$\text{C}^{\delta}\text{H}$ 7.08, $\text{C}^{\epsilon}\text{H}$ 6.59
Lys 170	8.03	115.9	3.39	1.57	
Gln 171	7.05	117.5	4.15	2.30, 2.12	
Val 172	8.60	118.7	3.83	2.02	$\text{C}^{\gamma}\text{H}_3$ 1.03
Ile 173	8.84	121.3	4.06	1.56	$\text{C}^{\gamma}\text{H}_3$ 1.04, $\text{C}^{\delta}\text{H}_3$ 0.77
Ser 174	6.71	115.0	4.19	4.01	
Val 175	7.24	121.6	3.90	2.36	$\text{C}^{\gamma}\text{H}_3$ 1.09
Val 176	8.06	120.3	3.38	1.92	$\text{C}^{\gamma}\text{H}_3$ 0.56, 0.41
Val 177	7.87	114.7	3.92	2.11	$\text{C}^{\gamma}\text{H}_3$ 1.05
Gln 178	7.10	116.3	4.38	2.40, 2.15	$\text{C}^{\gamma}\text{H}_2$ 2.64
Ala 179	7.81	120.3	4.48	1.62	
Phe 180	7.26	121.5	4.50	3.23, 2.69	$\text{C}^{\delta/\epsilon}\text{H}$ 6.89, 6.94, 7.23, C^{ζ}H 7.21

a) chemical shift values given in italics were taken from 2D homonuclear DQF-COSY spectra (pH 5.4, T = 37 °C).

Table IIS: Experimental T_1 , T_2 , and NOE values for amide resonances of recombinant murine LIF (1 mM, 30 mM C^2H_3COOH , 37°C, pH 4.05, $H_2O:2H_2O$ 10:1).

Residue	T_1 (ms)	T_2 (ms)	NOE	S^2	τ_{int} (ps)	R_{ex} (Hz)
Ser 1	1150 ^a	479 ^a	-1.82			
Pro 2						
Leu 3	1050 ^a	320 ^a	-0.690			
Pro 4						
Ile 5	936 ^a	282 ^a	-0.353			
Thr 6	797 ^a	251 ^a	-0.209			
Pro 7						
Val 8	756	224 ^a	0.179			
Asn 9	694 ^a	158 ^a	0.345			
Ala 10	759	139	0.430	0.67	64	
Thr 11	734	131	0.535	0.71	58	
Cys 12	871	108	0.677	0.72	19	
Ala 13	806	96.2	0.643	0.80	45	
Ile 14	730 ^a	122	0.567			
Arg 15	727	93.0	0.571	0.86	89 ^b	
His 16	871					
Pro 17						
Cys 18	804	107	0.598	0.74	48	
His 19	847	108	0.616	0.72	31	
Gly 20	908	108	0.667	0.71	21	
Asn 21						
Leu 22	933	76.0	0.858	0.84		

TABLE	IIS	(cont.)				
Residue	T ₁ (ms)	T ₂ (ms)	NOE	S ²	τ_{int} (ps)	R _{ex} (Hz)
Met 23	1020	72.9				
Asn 24	974	69.5	0.788	0.85	25 ^b	2.5
Gln 25	932	69.7	0.835	0.78		3.5
Ile 26	933	67.6	0.843	0.77		3.9
Lys 27						
Asn 28	1020	74.3	0.812	0.71		3.5
Gln 29						
Leu 30						
Ala 31						
Gln 32						
Leu 33	935 ^a	69.1				
Asn 34	988	70.2	0.715	0.72	14 ^b	4.2
Gly 35	969	75.2	0.850	0.82		
Ser 36						
Ala 37	890	71.4	0.845	0.88		
Asn 38	816	71.0				
Ala 39	846	82.0	0.819	0.86		
Leu 40	974	75.8	0.900	0.74		2.8
Phe 41						
Ile 42						
Ser 43	773	74.4	0.803	0.95		
Tyr 44	833	69.9	0.829	0.91		
Tyr 45	756	75.5	0.845	0.95		
Thr 46						
Ala 47	916	72.8	0.837	0.87		

TABLE	IIS	(cont.)				
Residue	T ₁ (ms)	T ₂ (ms)	NOE	S ²	τ_{int} (ps)	R _{ex} (Hz)
Gln 48	841	95.9	0.781	0.79	9 ^b	
Gly 49	924	80.5	0.743	0.82	23	
Glu 50	828	90.1	0.791	0.83		
Pro 51						
Phe 52	598	78.8	0.851	1.00	25 ^b	
Pro 53						
Asn 54	747	93.3	0.837	0.83		
Asn 55	862	89.5	0.720	0.81	19	
Val 56	893 ^a	76.2	0.711			
Glu 57	772	71.5	0.802	0.96		
Lys 58	889	90.0	0.728	0.80	15	
Leu 59	825	95.0	0.851	0.80		
Cys 60	768	97.2	0.854	0.81		
Ala 61	902	87.4	0.793	0.81	10	
Pro 62						
Asn 63						
Met 64	710	100	0.685	0.82	30 ^b	
Thr 65		80.0	0.745			
Asp 66						
Phe 67	653 ^{c)}	92.6	0.598			
Pro 68						
Ser 69						
Phe 70						
His 71						
Gly 72	873	97.7	0.746	0.77	16 ^b	

TABLE	IIS	(cont.)				
Residue	T ₁ (ms)	T ₂ (ms)	NOE	S ²	τ_{int} (ps)	R _{ex} (Hz)
Asn 73	870	95.4	0.789	0.78		
Gly 74	930	109	0.578	0.68	33	
Thr 75	837	107	0.829	0.74		
Glu 76	776	85.8	0.810	0.88	23 ^b	
Lys 77						
Thr 78	796	87.7	0.893	0.86		
Lys 79	683	81.5	0.843	1.00	25 ^b	
Leu 80	860	79.5	0.832	0.87		
Val 81	786	67.3	0.812	1.00	25 ^b	
Glu 82	645	74.6	0.924	1.00	25 ^b	
Leu 83	847	73.4	0.872	1.00	25 ^b	
Tyr 84	784	74.0				
Arg 85	763	79.5	0.817	0.93		
Met 86	761	74.5	0.925	0.95		
Val 87		55.6	0.818	0.89		
Ala 88	825	77.6	0.850	0.91		
Tyr 89	737	85.9	0.859	0.87		
Leu 90	805	86.1	0.910	0.91		
Ser 91	798	78.8	0.851	1.00		
Ala 92	679	72.3	0.802	0.90		
Ser 93	792	80.3	0.820	0.92		
Leu 94	760	81.1	0.796 ^b			
Thr 95						
Asn 96	903	73.3	0.924	0.86		
Ile 97	882	76.2	0.902	0.86		

TABLE	IIS	(cont.)				
Residue	T ₁ (ms)	T ₂ (ms)	NOE	S ²	τ _{int} (ps)	R _{ex} (Hz)
Thr 98	767	76.6	0.937	0.94		
Arg 99	802	73.2	0.912	0.93		
Asp 100						
Gln 101	759	66.5	0.846	0.99		
Lys 102	928	66.2	0.827	0.78		4.2
Val 103	793	75.9	0.781	0.92		
Leu104						
Asn 105	885	88.5	0.768	0.81	12 d)	
Pro 106						
Thr 107	899	89.0	0.813	0.80		
Ala 108	723	89.7	0.858	0.88		
Val 109	975	100	0.791	0.72	5.8	
Ser 110	909	69.7	0.838	0.90		
Leu 111	779	74.2	0.808	0.94		
Gln 112	834	68.8	0.824	0.95		
Val 113	948	68.8				
Lys 114	884	73.1	0.868	0.89		
Leu 115	877	66.1	0.834	0.91		
Asn 116	820	71.4	0.810	0.92		
Ala 117	899	64.4	0.840	0.80		4.3
Thr 118	887 ^a	68.1				
Ile 119	910	64.0	0.922	0.79		4.5
Asp 120	815	80.1				
Val 121	882	67.6	0.893	0.82		3.3
Met 122	891	73.1	0.876	0.88		

TABLE	IIS	(cont.)				
Residue	T ₁ (ms)	T ₂ (ms)	NOE	S ²	τ _{int} (ps)	R _{ex} (Hz)
Arg 123	818	74.9	0.829	0.92		
Gly 124	599 ^a	78.1	0.872			
Leu 125	910	69.1	0.948	0.89		
Leu 126	836	82.7	0.828	0.86		
Ser 127	881					
Asn 128	992	76.6	0.896	0.81		
Val 129	799	67.6	0.847	1.00	25 ^b	
Leu 130	846	97.0				
Cys 131	746	65.6	0.852	0.97	10 ^b	1.7
Arg 132	618 ^a	65.8	0.888			
Leu 133		75.6	0.835			
Cys 134	803	70.6	0.892 ^b			
Asn 135	926	79.3	0.778	0.84		
Lys 136	948	80.1	0.849	0.80	16 ^b	
Tyr 137	786	85.1	0.781	0.88		
Arg 138	857	96.0	0.765	0.79		
Val 139						
Gly 140	808	79.6	0.829	0.90		
His 141						
Val 142						
Asp 143	629	97.1	0.863	0.88		
Val 144	800	92.9	0.759	0.82	32 ^b	
Pro 145						
Pro 146						
Val 147						

TABLE	IIS	(cont.)				
Residue	T ₁ (ms)	T ₂ (ms)	NOE	S ²	τ_{int} (ps)	R _{ex} (Hz)
Pro 148						
Asp 149						
His 150						
Ser 151	935	79.4	0.733	0.82	11 ^b	
Asp 152	777	86.8	0.799	0.87	26 ^b	
Lys 153	843	80.9	0.740	0.86		
Glu 154	760	99.0				
Ala 155	738	88.3	0.873	0.90		
Phe 156	803	85.0	0.825	0.87		
Gln 157	834	85.3	0.765	0.85		
Arg 158	917	79.3	0.772	0.84	15 ^b	
Lys 159	983	88.4	0.831	0.76		
Lys 160	770	86.4	0.843	0.88		
Leu 161	766	75.7				
Gly 162	812	74.2	0.887	1.00	25	
Cys 163	859	54.3	0.898	1.00	25 ^b	2.5
Gln 164						
Leu 165	773	83.4	0.871	1.00	25 ^b	
Leu 166	967	67.9	0.856	0.75		4.3
Gly 167	626	80.0	0.853	1.00	25	
Thr 168						
Tyr 169	653	83.7	0.847	1.00	25 ^b	
Lys 170						
Gln 171	817	79.5	0.859	0.89		
Val 172	915	83.5	0.840	0.83		

TABLE	IIS	(cont.)				
Residue	T ₁ (ms)	T ₂ (ms)	NOE	S ²	τ_{int} (ps)	R _{ex} (Hz)
Ile 173	777	73.4	0.856	1.00	25 ^b	
Ser 174	816	80.9	0.824	0.88		
Val 175	786	86.8	0.729	0.85	43 ^b	
Val 176	868	77.4	0.754	0.86	28 ^b	
Val 177	822	77.1	0.862	0.90		
Gln 178	810	87.1	0.819	0.85		
Ala 179	847	88.9	0.874	0.83		
Phe 180	848	82.3	0.845	0.86		

^a Value did not satisfy χ^2 test of convergence in the non-linear curve fitting procedure, and

amide was therefore not included in the model-free analysis.

^b Error (estimated from 500 Monte-Carlo simulations) greater than 100% of value.