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FARROW

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Supplementary Material for the Microfilm Edition

1

Supplementary Material: Uncomplexed PLC γ 1C SH2 Relaxation Data.

Residue Number	T ₁ ms	σ T ₁	T ₂ ms	σ T ₂	NOE	σ NOE
Ile 5	634.41	5.25	129.02	1.13	0.24	0.01
His 6						
Glu 7	570.77	10.02	90.33	1.07	0.61	0.03
Ser 8	606.66	6.41	84.60	0.81	0.60	0.02
Lys 9	605.95	8.25	92.55	1.03	0.73	0.02
Glu 10	587.31	13.29	88.06	1.26	0.74	0.03
Trp 11	581.18	5.07	80.69	1.27	0.77	0.02
Tyr 12	583.05	3.49	80.33	0.61	0.83	0.02
His 13	630.28	8.96	92.30	3.04	0.75	0.03
Ala 14	592.10	8.43	96.40	1.25	0.69	0.02
Ser 15	613.56	4.89	100.02	0.85	0.68	0.01
Leu 16	618.26	6.60	85.20	1.70	0.77	0.03
Trp 17						
Arg 18	606.70	11.10	86.64	1.14	0.84	0.03
Ala 19						
Gln 20	615.98	10.39	82.86	1.66	0.77	0.02
Ala 21	611.83	7.22	82.05	0.47	0.78	0.02
Glu 22	611.87	4.91	85.30	0.80	0.80	0.02
His 23	605.63	4.13	87.33	0.47	0.78	0.02
Met 24	607.96	2.91	84.60	0.48	0.77	0.02
Leu 25	602.44	7.73	84.51	1.08	0.75	0.02
Met 26	586.51	3.15	89.62	1.15	0.75	0.02
Arg 27						
Val 28	613.46	2.84	89.78	0.46	0.71	0.01
Arg 30	733.10	3.51	126.69	1.40	0.57	0.01
Asp 31	658.18	7.45	97.81	0.47	0.71	0.02
Gly 32	600.09	3.92	93.94	1.63	0.77	0.03
Ala 33	565.22	2.64	84.70	0.96	0.78	0.02
Phe 34	583.28	8.02	77.12	1.46	0.79	0.03
Leu 35	598.34	10.33	78.55	0.56	0.76	0.03
Val 36	663.62	8.74	78.64	1.60	0.81	0.03
Arg 37	610.01	6.20	79.17	1.23	0.80	0.03
Lys 38	646.81	6.34	84.33	0.97	0.77	0.02
Arg 39	715.06	4.22	139.88	1.05	0.49	0.01
Asn 40	628.09	17.87	83.79	2.08	0.77	0.03
Glu 41	896.82	12.03	166.32	1.27	0.21	0.01
Asn 43	772.87	36.19	87.00	6.04	0.71	0.05
Ser 44	608.70	7.59	95.56	0.55	0.76	0.02
Tyr 45	629.62	7.12	84.01	1.46	0.77	0.03
Ala 46						
Ile 47	644.41	4.58	82.56	1.05	0.78	0.03
Ser 48	622.25	16.10	89.99	1.36	0.78	0.03
Phe 49	587.75	7.22	79.17	0.97	0.79	0.02
Arg 50						
Ala 51	588.48	5.44	95.59	1.40	0.75	0.02
Glu 52	622.30	7.45	97.50	1.10	0.73	0.02
Gly 53	604.52	8.37	93.73	0.48	0.73	0.02
Lys 54	592.16	3.25	92.64	0.62	0.74	0.01
Ile 55						

Supplementary Material: Uncomplexed PLC γ 1C SH2 Relaxation Data (cont).

2

Residue Number	T ₁ ms	σ T ₁	T ₂ ms	σ T ₂	NOE	σ NOE
Lys 56	620.30	7.14	79.70	1.68	0.78	0.03
His 57	643.25	4.44	90.32	0.58	0.76	0.02
Cys 58						
Arg 59						
Val 60	604.92	12.70	92.09	0.80	0.74	0.02
Gln 61	618.19	6.91	96.80	1.29	0.73	0.02
Gln 62	607.70	5.32	103.42	0.58	0.75	0.02
Glu 63	629.45	3.87	100.02	2.66	0.65	0.02
Gly 64	640.98	6.99	107.66	1.12	0.60	0.02
Gln 65	689.01	19.78	102.77	3.35	0.59	0.02
Thr 66	711.66	8.15	114.03	1.48	0.51	0.01
Val 67						
Met 68	610.58	9.79	91.58	1.81	0.73	0.02
Leu 69	609.73	7.08	97.68	1.72	0.75	0.02
Gly 70	620.12	5.73	82.60	1.84	0.72	0.02
Asn 71	682.44	16.08	85.28	2.70	0.72	0.03
Ser 72	657.27	7.01	91.16	1.10	0.76	0.02
Glu 73	658.55	9.74	104.14	0.45	0.69	0.02
Phe 74	601.28	5.27	91.66	1.33	0.74	0.02
Asp 75	629.06	12.32	95.99	0.64	0.72	0.02
Ser 76	618.41	7.58	90.40	1.00	0.79	0.02
Leu 77	585.45	13.66	86.05	1.63	0.82	0.03
Val 78	614.98	8.13	92.28	1.01	0.75	0.02
Asp 79	595.26	4.96	87.90	1.49	0.78	0.02
Leu 80	570.24	5.25	86.34	0.53	0.79	0.02
Ile 81	573.37	9.22	85.17	2.19	0.79	0.03
Ser 82	585.40	5.08	91.46	0.95	0.79	0.02
Tyr 83	590.40	10.69	80.44	1.67	0.82	0.02
Tyr 84	592.49	6.37	87.33	0.85	0.79	0.02
Glu 85	611.26	7.46	84.60	1.31	0.81	0.02
Lys 86						
His 87	626.03	3.59	96.67	0.74	0.74	0.02
Leu 89	614.91	10.59	82.22	1.25	0.82	0.03
Tyr 90	638.04	5.98	79.99	0.97	0.78	0.02
Arg 91						
Lys 92						
Met 93	615.47	8.88	84.31	0.65	0.77	0.02
Lys 94	655.94	5.73	94.11	0.98	0.71	0.02
Leu 95						
Arg 96	620.47	9.30	104.95	2.80	0.75	0.03
Tyr 97	633.52	8.28	77.24	0.83	0.75	0.03
Ile 99	648.77	9.45	84.23	0.63	0.78	0.03
Asn 100	608.70	5.22	88.47	0.77	0.72	0.02
Glu 101	574.48	5.24	134.12	0.87	0.50	0.01
Glu 102	573.78	1.78	158.40	1.16	0.41	0.01
Asn 103						
Ser 104	729.70	11.57	215.58	6.43	-0.29	0.01
Ser 105	729.70	11.57	404.98	10.74	-0.79	0.01

Supplementary Material: Complexed PLC γ 1C SH2 Relaxation Data.

Residue Number	T ₁ ms	σ T ₁	T ₂ ms	σ T ₂	NOE	σ NOE
Ile 5	571.29	44.36	136.39	9.68	0.45	0.08
His 6						
Glu 7						
Ser 8	541.53	20.77	102.76	3.21	0.65	0.06
Lys 9	467.81	13.74	113.52	1.28	0.78	0.04
Glu 10	496.48	37.58	103.37	11.64	0.65	0.08
Trp 11	479.45	4.33	112.32	1.24	0.79	0.04
Tyr 12	450.29	9.58	112.42	3.12	0.77	0.04
His 13	490.04	5.42	121.69	3.17	0.80	0.06
Ala 14	477.36	15.39	141.00	6.89	0.68	0.05
Ser 15	498.92	13.29	121.13	3.72	0.74	0.04
Leu 16	591.80	9.12	172.58	3.47	0.54	0.04
Trp 17						
Arg 18	486.65	10.76	123.80	2.00	0.80	0.05
Ala 19	477.88	6.20	113.73	1.66	0.79	0.03
Gln 20						
Ala 21	471.45	10.98	122.42	2.66	0.87	0.06
Glu 22	458.85	7.49	119.77	1.82	0.80	0.05
His 23	490.37	4.75	119.86	1.99	0.77	0.04
Met 24	476.18	2.85	116.72	2.23	0.82	0.05
Leu 25	475.67	9.46	120.31	9.53	0.80	0.06
Met 26	482.58	7.24	119.84	2.37	0.80	0.05
Arg 27						
Val 28	501.97	5.34	128.17	2.76	0.73	0.05
Arg 30	633.58	15.46	167.53	5.30	0.55	0.04
Asp 31						
Gly 32	456.59	12.04	126.87	2.66	0.80	0.06
Ala 33	450.13	10.28	116.04	4.28	0.75	0.05
Phe 34	470.22	17.73	108.14	2.47	0.47	0.08
Leu 35	459.10	6.88	119.46	2.75	0.82	0.05
Val 36	478.06	10.36	115.21	2.02	0.76	0.05
Arg 37	449.69	7.21	112.97	3.37	0.79	0.06
Lys 38	500.82	12.75	125.27	3.47	0.82	0.05
Arg 39	473.26	15.75	118.29	2.82	0.78	0.06
Asn 40	622.20	33.33	124.17	11.45	0.78	0.08
Glu 41	771.73	6.28	227.38	4.58	0.33	0.02
Asn 43						
Ser 44	568.63	30.88	122.03	7.53	0.78	0.06
Tyr 45	489.46	16.62	124.34	5.46	0.91	0.08
Ala 46	501.79	6.81	118.38	2.17	0.81	0.05
Ile 47	493.65	9.22	117.54	3.68	0.80	0.06
Ser 48	485.57	6.56	127.45	3.90	0.82	0.06
Phe 49	457.11	11.78	119.73	4.30	0.77	0.07
Arg 50						
Ala 51	478.66	10.57	122.16	6.02	0.55	0.06
Glu 52	493.23	17.69	137.00	3.37	0.81	0.08
Gly 53	470.97	11.35	116.21	2.86	0.79	0.08
Lys 54	486.94	10.04	120.37	2.05	0.69	0.04
Ile 55						

Supplementary Material: Complexed PLC γ 1C SH2 Relaxation Data (cont).

Residue Number	T ₁ ms	σ T ₁	T ₂ ms	σ T ₂	NOE	σ NOE
Lys 56	473.29	11.75	128.92	6.47	0.80	0.08
His 57	511.68	6.77	135.55	5.28	0.80	0.08
Cys 58	481.69	21.66	112.99	6.97	0.69	0.09
Arg 59	522.20	8.05	141.45	9.80	0.77	0.10
Val 60	509.32	16.33	125.36	2.74	0.73	0.07
Gln 61	514.37	15.40	130.19	4.06	0.75	0.05
Gln 62	488.63	7.64	141.65	2.39	0.70	0.05
Glu 63	512.67	5.17	147.55	6.16	0.65	0.04
Gly 64						
Gln 65	437.77	38.49	115.41	11.88	0.70	0.17
Thr 66	602.66	7.00	178.19	6.59	0.50	0.03
Val 67	483.73	9.00	140.13	4.66	0.80	0.05
Met 68	494.44	8.40	136.00	3.07	0.72	0.07
Leu 69	486.85	4.16	130.57	2.06	0.73	0.06
Gly 70	594.24	22.68	149.98	15.05	0.95	0.18
Asn 71						
Ser 72	529.57	10.38	125.59	3.41	0.74	0.05
Glu 73	554.90	4.44	142.20	2.55	0.69	0.05
Phe 74	513.38	8.39	133.12	2.16	0.70	0.05
Asp 75	490.88	9.01	128.23	3.41	0.70	0.04
Ser 76	492.40	6.54	115.85	1.46	0.76	0.03
Leu 77	489.52	44.26	85.24	3.35	0.65	0.09
Val 78	506.81	6.33	122.08	4.20	0.77	0.05
Asp 79	494.01	6.85	115.48	1.30	0.82	0.04
Leu 80	486.82	4.27	116.96	2.73	0.79	0.04
Ile 81	453.41	8.89	113.47	3.39	0.75	0.05
Ser 82	492.96	4.80	127.72	1.54	0.81	0.03
Tyr 83	467.25	6.32	111.91	1.31	0.78	0.04
Tyr 84	494.75	2.83	116.01	2.85	0.82	0.05
Glu 85	489.52	6.36	121.23	2.43	0.80	0.04
Lys 86						
His 87	516.00	6.28	132.49	3.07	0.74	0.04
Leu 89	516.34	17.98	117.59	8.61	0.70	0.08
Tyr 90	504.57	6.85	124.24	4.29	0.73	0.05
Arg 91	469.56	9.33	122.85	3.40	0.78	0.07
Lys 92						
Met 93						
Lys 94	504.93	16.55	140.34	2.59	0.70	0.07
Leu 95						
Arg 96	513.50	14.39	147.60	1.90	0.66	0.07
Tyr 97						
Ile 99	478.06	11.62	113.74	2.43	0.76	0.05
Asn 100	504.73	8.39	106.52	3.43	0.80	0.05
Glu 101	516.75	14.12	132.48	2.25	0.63	0.05
Glu 102	499.55	10.03	178.95	1.36	0.47	0.03
Asn 103						
Ser 104	842.87	43.07	168.42	15.73	0.24	0.09
Ser 105	829.62	4.90	379.56	14.87	-0.65	0.02

Note: Residues Gly 1 and Ser 2 were unassigned. Due to rapid amide-water exchange, resonances of Gly 4 were not observed. Prolines 3, 29, 42, 88 and 98 are not listed in the table.