

strand Ala											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.46	Mean	0.67	Mean	-1.38	Mean	0.61	Mean	3.84	Mean	-2.36
Std Error	0.03	Std Error	0.28	Std Error	0.13	Std Error	0.03	Std Error	0.35	Std Error	0.15
Median	0.47	Median	0.80	Median	-1.70	Median	0.57	Median	3.00	Median	-2.50
Mode	0.25	Mode	1.30	Mode	-1.50	Mode	0.41	Mode	2.80	Mode	-1.90
Std Dev	0.60	Std Dev	4.70	Std Dev	2.12	Std Dev	0.47	Std Dev	5.35	Std Dev	1.75
Variance	0.36	Variance	22.07	Variance	4.49	Variance	0.22	Variance	28.62	Variance	3.07
Kurtosis	-0.05	Kurtosis	0.76	Kurtosis	10.32	Kurtosis	0.31	Kurtosis	27.53	Kurtosis	2.75
Skewness	-0.19	Skewness	-0.48	Skewness	2.27	Skewness	-0.03	Skewness	4.34	Skewness	0.35
Range	3.45	Range	29.30	Range	19.80	Range	2.88	Range	54.40	Range	14.20
Minimum	-1.28	Minimum	-16.70	Minimum	-9.50	Minimum	-0.85	Minimum	-4.60	Minimum	-9.00
Maximum	2.17	Maximum	12.60	Maximum	10.30	Maximum	2.03	Maximum	49.80	Maximum	5.20
Count	296	Count	284	Count	257	Count	314	Count	233	Count	146
strand Cys Red											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.44	Mean	3.51	Mean	-1.77	Mean	0.53	Mean	2.20	Mean	-1.10
Std Error	0.10	Std Error	0.78	Std Error	0.29	Std Error	0.08	Std Error	0.42	Std Error	0.37
Median	0.54	Median	2.50	Median	-1.40	Median	0.51	Median	2.10	Median	-0.85
Mode	0.76	Mode	#N/A	Mode	-2.60	Mode	0.63	Mode	1.70	Mode	-1.00
Std Dev	0.59	Std Dev	4.98	Std Dev	1.87	Std Dev	0.47	Std Dev	2.67	Std Dev	1.74
Variance	0.35	Variance	24.79	Variance	3.49	Variance	0.22	Variance	7.14	Variance	3.04
Kurtosis	3.13	Kurtosis	-0.70	Kurtosis	0.31	Kurtosis	1.92	Kurtosis	0.96	Kurtosis	2.66
Skewness	-1.58	Skewness	0.17	Skewness	-0.17	Skewness	-0.92	Skewness	0.73	Skewness	-0.94
Range	2.81	Range	20.00	Range	8.50	Range	2.29	Range	12.50	Range	8.70
Minimum	-1.57	Minimum	-7.20	Minimum	-6.30	Minimum	-1.05	Minimum	-2.90	Minimum	-6.10
Maximum	1.24	Maximum	12.80	Maximum	2.20	Maximum	1.24	Maximum	9.60	Maximum	2.60
Count	36	Count	41	Count	41	Count	39	Count	41	Count	22
strand Cys Oxd											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.30	Mean	2.05	Mean	-0.74	Mean	0.45	Mean	4.52	Mean	-0.79
Std Error	0.05	Std Error	0.60	Std Error	0.41	Std Error	0.04	Std Error	1.06	Std Error	0.35
Median	0.33	Median	1.90	Median	-0.70	Median	0.43	Median	3.80	Median	-0.90
Mode	0.21	Mode	2.90	Mode	-0.40	Mode	0.31	Mode	7.50	Mode	-1.60
Std Dev	0.61	Std Dev	4.95	Std Dev	2.73	Std Dev	0.50	Std Dev	6.78	Std Dev	1.83
Variance	0.38	Variance	24.53	Variance	7.44	Variance	0.25	Variance	46.01	Variance	3.36
Kurtosis	5.33	Kurtosis	1.33	Kurtosis	2.37	Kurtosis	0.79	Kurtosis	5.94	Kurtosis	-0.66
Skewness	-1.21	Skewness	0.16	Skewness	-0.20	Skewness	-0.47	Skewness	2.06	Skewness	0.10
Range	4.88	Range	30.70	Range	16.40	Range	2.85	Range	33.60	Range	6.50
Minimum	-2.28	Minimum	-12.00	Minimum	-9.60	Minimum	-1.35	Minimum	-5.20	Minimum	-4.10
Maximum	2.60	Maximum	18.70	Maximum	6.80	Maximum	1.50	Maximum	28.40	Maximum	2.40
Count	182	Count	69	Count	45	Count	184	Count	41	Count	27

strand Asp											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.25	Mean	2.55	Mean	-1.27	Mean	0.43	Mean	0.68	Mean	-1.19
Std Error	0.04	Std Error	0.34	Std Error	0.18	Std Error	0.03	Std Error	0.35	Std Error	0.16
Median	0.28	Median	2.75	Median	-1.20	Median	0.43	Median	1.00	Median	-0.95
Mode	0.56	Mode	1.80	Mode	-1.80	Mode	0.25	Mode	1.20	Mode	-0.60
Std Dev	0.55	Std Dev	4.26	Std Dev	2.11	Std Dev	0.38	Std Dev	3.90	Std Dev	1.42
Variance	0.31	Variance	18.16	Variance	4.47	Variance	0.15	Variance	15.22	Variance	2.03
Kurtosis	0.58	Kurtosis	1.03	Kurtosis	7.58	Kurtosis	0.87	Kurtosis	16.57	Kurtosis	0.13
Skewness	-0.47	Skewness	-0.52	Skewness	-1.19	Skewness	0.14	Skewness	0.25	Skewness	-0.31
Range	3.07	Range	25.80	Range	16.80	Range	2.34	Range	41.50	Range	7.30
Minimum	-1.58	Minimum	-14.30	Minimum	-11.70	Minimum	-0.74	Minimum	-16.80	Minimum	-4.50
Maximum	1.49	Maximum	11.50	Maximum	5.10	Maximum	1.60	Maximum	24.70	Maximum	2.80
Count	153	Count	154	Count	134	Count	164	Count	122	Count	76
strand Glu											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.22	Mean	2.37	Mean	-1.76	Mean	0.55	Mean	2.65	Mean	-1.71
Std Error	0.03	Std Error	0.25	Std Error	0.13	Std Error	0.03	Std Error	0.22	Std Error	0.10
Median	0.23	Median	2.80	Median	-1.80	Median	0.57	Median	2.50	Median	-1.55
Mode	0.22	Mode	2.80	Mode	-0.80	Mode	0.49	Mode	3.20	Mode	-1.30
Std Dev	0.56	Std Dev	4.41	Std Dev	2.11	Std Dev	0.50	Std Dev	3.51	Std Dev	1.29
Variance	0.31	Variance	19.44	Variance	4.45	Variance	0.25	Variance	12.35	Variance	1.67
Kurtosis	0.18	Kurtosis	0.39	Kurtosis	7.20	Kurtosis	1.79	Kurtosis	51.79	Kurtosis	1.83
Skewness	-0.52	Skewness	-0.37	Skewness	-0.82	Skewness	-0.63	Skewness	5.07	Skewness	-0.82
Range	2.96	Range	26.90	Range	18.30	Range	3.38	Range	49.40	Range	8.40
Minimum	-1.51	Minimum	-12.50	Minimum	-12.20	Minimum	-1.68	Minimum	-9.40	Minimum	-7.30
Maximum	1.45	Maximum	14.40	Maximum	6.10	Maximum	1.70	Maximum	40.00	Maximum	1.10
Count	323	Count	305	Count	270	Count	345	Count	250	Count	174
strand Phe											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.47	Mean	0.97	Mean	-1.57	Mean	0.47	Mean	2.01	Mean	-1.77
Std Error	0.04	Std Error	0.26	Std Error	0.11	Std Error	0.02	Std Error	0.24	Std Error	0.14
Median	0.51	Median	0.70	Median	-1.50	Median	0.45	Median	2.00	Median	-1.60
Mode	0.25	Mode	2.10	Mode	-0.90	Mode	0.45	Mode	3.60	Mode	-1.40
Std Dev	0.66	Std Dev	4.78	Std Dev	1.90	Std Dev	0.49	Std Dev	3.86	Std Dev	1.82
Variance	0.44	Variance	22.85	Variance	3.59	Variance	0.24	Variance	14.92	Variance	3.32
Kurtosis	1.08	Kurtosis	-0.20	Kurtosis	4.33	Kurtosis	0.05	Kurtosis	25.34	Kurtosis	0.21
Skewness	-0.71	Skewness	-0.12	Skewness	-0.69	Skewness	-0.04	Skewness	3.68	Skewness	0.02
Range	4.45	Range	24.30	Range	15.30	Range	2.85	Range	40.80	Range	10.70
Minimum	-2.48	Minimum	-11.50	Minimum	-10.60	Minimum	-0.91	Minimum	-11.50	Minimum	-6.80
Maximum	1.97	Maximum	12.80	Maximum	4.70	Maximum	1.94	Maximum	29.30	Maximum	3.90
Count	351	Count	331	Count	289	Count	383	Count	260	Count	177

strand Gly											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>			
Mean	0.02	Mean	2.25	Mean	0.92	Mean	0.25		Mean	-2.22	
Std Error	0.07	Std Error	0.47	Std Error	0.46	Std Error	0.05		Std Error	0.23	
Median	0.10	Median	1.50	Median	-0.10	Median	0.23		Median	-2.50	
Mode	-0.29	Mode	3.20	Mode	0.60	Mode	0.31		Mode	-3.80	
Std Dev	0.92	Std Dev	5.79	Std Dev	5.24	Std Dev	0.61		Std Dev	2.10	
Variance	0.85	Variance	33.50	Variance	27.41	Variance	0.38		Variance	4.41	
Kurtosis	3.72	Kurtosis	0.71	Kurtosis	25.11	Kurtosis	1.18		Kurtosis	0.86	
Skewness	-1.17	Skewness	0.77	Skewness	4.35	Skewness	0.18		Skewness	0.71	
Range	6.76	Range	28.60	Range	43.70	Range	3.83		Range	11.40	
Minimum	-4.71	Minimum	-8.20	Minimum	-3.70	Minimum	-1.66		Minimum	-6.20	
Maximum	2.05	Maximum	20.40	Maximum	40.00	Maximum	2.17		Maximum	5.20	
Count	158	Count	151	Count	132	Count	151		Count	81	
strand His											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>			
Mean	0.33	Mean	3.14	Mean	-0.17	Mean	0.38	Mean	3.64	Mean	-0.05
Std Error	0.07	Std Error	0.55	Std Error	0.27	Std Error	0.05	Std Error	0.58	Std Error	0.27
Median	0.35	Median	3.40	Median	-0.20	Median	0.36	Median	3.10	Median	0.00
Mode	1.35	Mode	5.00	Mode	0.00	Mode	0.55	Mode	2.80	Mode	0.00
Std Dev	0.71	Std Dev	5.21	Std Dev	2.46	Std Dev	0.54	Std Dev	5.18	Std Dev	1.95
Variance	0.50	Variance	27.19	Variance	6.05	Variance	0.29	Variance	26.81	Variance	3.79
Kurtosis	-0.41	Kurtosis	-0.25	Kurtosis	1.47	Kurtosis	1.83	Kurtosis	21.01	Kurtosis	9.25
Skewness	-0.22	Skewness	-0.28	Skewness	0.53	Skewness	-0.48	Skewness	2.86	Skewness	-1.88
Range	3.34	Range	25.00	Range	13.90	Range	3.25	Range	47.80	Range	12.90
Minimum	-1.31	Minimum	-9.50	Minimum	-6.60	Minimum	-1.46	Minimum	-11.60	Minimum	-9.40
Maximum	2.03	Maximum	15.50	Maximum	7.30	Maximum	1.79	Maximum	36.20	Maximum	3.50
Count	106	Count	91	Count	85	Count	104	Count	79	Count	53
strand Ile											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>			
Mean	0.71	Mean	2.98	Mean	-1.79	Mean	0.52	Mean	1.02	Mean	-1.71
Std Error	0.03	Std Error	0.21	Std Error	0.10	Std Error	0.02	Std Error	0.17	Std Error	0.09
Median	0.79	Median	3.30	Median	-1.40	Median	0.53	Median	1.20	Median	-1.70
Mode	0.97	Mode	2.60	Mode	-0.60	Mode	0.77	Mode	1.20	Mode	-1.60
Std Dev	0.66	Std Dev	4.91	Std Dev	2.19	Std Dev	0.51	Std Dev	3.53	Std Dev	1.53
Variance	0.43	Variance	24.11	Variance	4.79	Variance	0.26	Variance	12.48	Variance	2.34
Kurtosis	2.92	Kurtosis	0.65	Kurtosis	7.88	Kurtosis	7.18	Kurtosis	27.36	Kurtosis	1.81
Skewness	-1.10	Skewness	-0.55	Skewness	-1.85	Skewness	-1.06	Skewness	2.55	Skewness	-0.25
Range	5.34	Range	30.80	Range	19.90	Range	5.12	Range	48.30	Range	10.80
Minimum	-2.87	Minimum	-15.70	Minimum	-15.90	Minimum	-3.14	Minimum	-16.30	Minimum	-7.40
Maximum	2.47	Maximum	15.10	Maximum	4.00	Maximum	1.98	Maximum	32.00	Maximum	3.40
Count	562	Count	554	Count	495	Count	600	Count	446	Count	307

strand Lys											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.31	Mean	2.68	Mean	-1.37	Mean	0.55	Mean	2.02	Mean	-1.73
Std Error	0.03	Std Error	0.25	Std Error	0.09	Std Error	0.02	Std Error	0.21	Std Error	0.10
Median	0.33	Median	2.50	Median	-1.50	Median	0.52	Median	1.70	Median	-1.80
Mode	0.58	Mode	2.10	Mode	-1.60	Mode	0.24	Mode	3.40	Mode	-1.80
Std Dev	0.64	Std Dev	4.57	Std Dev	1.64	Std Dev	0.45	Std Dev	3.63	Std Dev	1.45
Variance	0.41	Variance	20.90	Variance	2.70	Variance	0.20	Variance	13.20	Variance	2.11
Kurtosis	0.28	Kurtosis	-0.34	Kurtosis	5.18	Kurtosis	0.10	Kurtosis	48.61	Kurtosis	0.74
Skewness	-0.24	Skewness	-0.22	Skewness	-0.20	Skewness	-0.23	Skewness	5.60	Skewness	-0.16
Range	4.45	Range	24.30	Range	15.50	Range	2.64	Range	42.50	Range	9.00
Minimum	-2.24	Minimum	-11.10	Minimum	-10.10	Minimum	-0.99	Minimum	-4.80	Minimum	-6.30
Maximum	2.21	Maximum	13.20	Maximum	5.40	Maximum	1.65	Maximum	37.70	Maximum	2.70
Count	396	Count	343	Count	306	Count	425	Count	287	Count	207
strand Leu											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.61	Mean	3.09	Mean	-1.36	Mean	0.58	Mean	1.39	Mean	-2.48
Std Error	0.03	Std Error	0.18	Std Error	0.09	Std Error	0.02	Std Error	0.17	Std Error	0.09
Median	0.67	Median	3.20	Median	-1.50	Median	0.58	Median	1.60	Median	-2.50
Mode	0.96	Mode	6.40	Mode	-2.10	Mode	0.90	Mode	1.40	Mode	-2.70
Std Dev	0.61	Std Dev	4.02	Std Dev	1.87	Std Dev	0.43	Std Dev	3.53	Std Dev	1.50
Variance	0.38	Variance	16.15	Variance	3.49	Variance	0.19	Variance	12.43	Variance	2.25
Kurtosis	0.87	Kurtosis	0.60	Kurtosis	5.48	Kurtosis	-0.06	Kurtosis	11.02	Kurtosis	0.66
Skewness	-0.40	Skewness	-0.24	Skewness	0.61	Skewness	-0.13	Skewness	0.45	Skewness	-0.03
Range	4.68	Range	27.00	Range	18.30	Range	2.79	Range	34.60	Range	10.70
Minimum	-1.74	Minimum	-12.80	Minimum	-10.50	Minimum	-0.92	Minimum	-12.90	Minimum	-8.70
Maximum	2.94	Maximum	14.20	Maximum	7.80	Maximum	1.87	Maximum	21.70	Maximum	2.00
Count	526	Count	524	Count	471	Count	567	Count	416	Count	296
strand Met											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.43	Mean	3.25	Mean	-1.33	Mean	0.55	Mean	1.75	Mean	-1.77
Std Error	0.06	Std Error	0.36	Std Error	0.12	Std Error	0.04	Std Error	0.28	Std Error	0.18
Median	0.46	Median	2.85	Median	-1.20	Median	0.53	Median	1.95	Median	-1.80
Mode	0.54	Mode	0.40	Mode	-1.20	Mode	0.53	Mode	2.70	Mode	-1.70
Std Dev	0.62	Std Dev	3.74	Std Dev	1.19	Std Dev	0.44	Std Dev	2.62	Std Dev	1.50
Variance	0.38	Variance	14.01	Variance	1.43	Variance	0.20	Variance	6.85	Variance	2.24
Kurtosis	3.00	Kurtosis	0.24	Kurtosis	0.03	Kurtosis	0.12	Kurtosis	-0.90	Kurtosis	0.37
Skewness	-0.96	Skewness	0.12	Skewness	-0.31	Skewness	0.04	Skewness	-0.09	Skewness	0.16
Range	4.25	Range	20.90	Range	5.60	Range	2.46	Range	10.30	Range	7.80
Minimum	-2.40	Minimum	-7.80	Minimum	-4.60	Minimum	-0.68	Minimum	-3.60	Minimum	-5.30
Maximum	1.85	Maximum	13.10	Maximum	1.00	Maximum	1.78	Maximum	6.70	Maximum	2.50
Count	112	Count	106	Count	96	Count	121	Count	88	Count	73

strand Asn											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.28	Mean	3.97	Mean	-0.47	Mean	0.33	Mean	1.81	Mean	-0.94
Std Error	0.05	Std Error	0.41	Std Error	0.25	Std Error	0.05	Std Error	0.58	Std Error	0.16
Median	0.30	Median	4.45	Median	-0.80	Median	0.27	Median	1.30	Median	-1.20
Mode	0.66	Mode	7.00	Mode	-1.00	Mode	0.03	Mode	-0.50	Mode	-2.00
Std Dev	0.56	Std Dev	4.50	Std Dev	2.60	Std Dev	0.59	Std Dev	5.82	Std Dev	1.34
Variance	0.32	Variance	20.24	Variance	6.75	Variance	0.35	Variance	33.83	Variance	1.81
Kurtosis	1.45	Kurtosis	-0.16	Kurtosis	4.22	Kurtosis	1.48	Kurtosis	16.81	Kurtosis	0.63
Skewness	-0.58	Skewness	-0.44	Skewness	1.34	Skewness	-0.61	Skewness	3.46	Skewness	0.74
Range	3.69	Range	22.20	Range	17.50	Range	3.30	Range	43.30	Range	6.80
Minimum	-2.11	Minimum	-9.60	Minimum	-7.90	Minimum	-1.79	Minimum	-10.80	Minimum	-3.70
Maximum	1.58	Maximum	12.60	Maximum	9.60	Maximum	1.51	Maximum	32.50	Maximum	3.10
Count	145	Count	120	Count	109	Count	153	Count	102	Count	74
strand Gln											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.26	Mean	2.21	Mean	-1.33	Mean	0.59	Mean	2.33	Mean	-1.71
Std Error	0.05	Std Error	0.35	Std Error	0.14	Std Error	0.03	Std Error	0.28	Std Error	0.12
Median	0.36	Median	2.10	Median	-1.30	Median	0.56	Median	2.00	Median	-1.60
Mode	0.31	Mode	7.20	Mode	-1.20	Mode	0.45	Mode	1.60	Mode	-1.30
Std Dev	0.67	Std Dev	4.68	Std Dev	1.70	Std Dev	0.44	Std Dev	3.28	Std Dev	1.21
Variance	0.45	Variance	21.89	Variance	2.87	Variance	0.20	Variance	10.74	Variance	1.46
Kurtosis	-0.01	Kurtosis	-0.02	Kurtosis	8.23	Kurtosis	-0.30	Kurtosis	4.54	Kurtosis	0.22
Skewness	-0.49	Skewness	-0.31	Skewness	-0.86	Skewness	0.15	Skewness	1.19	Skewness	-0.37
Range	3.38	Range	23.30	Range	15.60	Range	2.26	Range	23.60	Range	5.70
Minimum	-1.66	Minimum	-11.40	Minimum	-11.30	Minimum	-0.51	Minimum	-9.40	Minimum	-4.90
Maximum	1.72	Maximum	11.90	Maximum	4.30	Maximum	1.75	Maximum	14.20	Maximum	0.80
Count	184	Count	177	Count	152	Count	200	Count	139	Count	94
strand Arg											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.39	Mean	1.84	Mean	-1.20	Mean	0.49	Mean	2.21	Mean	-1.46
Std Error	0.04	Std Error	0.30	Std Error	0.15	Std Error	0.03	Std Error	0.36	Std Error	0.14
Median	0.45	Median	1.70	Median	-1.30	Median	0.45	Median	2.10	Median	-1.50
Mode	0.15	Mode	1.40	Mode	-1.20	Mode	0.24	Mode	2.20	Mode	-1.60
Std Dev	0.58	Std Dev	4.36	Std Dev	1.96	Std Dev	0.44	Std Dev	4.48	Std Dev	1.47
Variance	0.34	Variance	18.97	Variance	3.85	Variance	0.20	Variance	20.05	Variance	2.17
Kurtosis	0.55	Kurtosis	0.22	Kurtosis	3.57	Kurtosis	0.01	Kurtosis	46.78	Kurtosis	2.02
Skewness	-0.56	Skewness	-0.35	Skewness	0.50	Skewness	0.16	Skewness	5.80	Skewness	-0.24
Range	3.32	Range	24.20	Range	16.00	Range	2.47	Range	52.50	Range	9.80
Minimum	-1.60	Minimum	-11.10	Minimum	-9.30	Minimum	-0.82	Minimum	-12.50	Minimum	-6.80
Maximum	1.72	Maximum	13.10	Maximum	6.70	Maximum	1.65	Maximum	40.00	Maximum	3.00
Count	224	Count	207	Count	174	Count	236	Count	155	Count	107

strand Ser											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.26	Mean	2.05	Mean	-1.35	Mean	0.59	Mean	1.31	Mean	-1.04
Std Error	0.04	Std Error	0.27	Std Error	0.11	Std Error	0.03	Std Error	0.14	Std Error	0.14
Median	0.36	Median	2.00	Median	-1.40	Median	0.58	Median	1.40	Median	-1.20
Mode	0.70	Mode	3.70	Mode	-1.40	Mode	0.52	Mode	1.40	Mode	-1.30
Std Dev	0.68	Std Dev	4.64	Std Dev	1.74	Std Dev	0.51	Std Dev	2.00	Std Dev	1.74
Variance	0.46	Variance	21.50	Variance	3.02	Variance	0.26	Variance	3.99	Variance	3.03
Kurtosis	0.05	Kurtosis	0.25	Kurtosis	3.95	Kurtosis	2.03	Kurtosis	40.73	Kurtosis	1.63
Skewness	-0.45	Skewness	0.08	Skewness	0.37	Skewness	-0.68	Skewness	-4.14	Skewness	0.10
Range	3.68	Range	30.00	Range	15.10	Range	3.71	Range	25.20	Range	12.40
Minimum	-1.78	Minimum	-13.10	Minimum	-9.50	Minimum	-1.98	Minimum	-18.10	Minimum	-7.70
Maximum	1.90	Maximum	16.90	Maximum	5.60	Maximum	1.73	Maximum	7.10	Maximum	4.70
Count	312	Count	287	Count	258	Count	320	Count	216	Count	159
strand Thr											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.44	Mean	4.56	Mean	-1.49	Mean	0.62	Mean	0.80	Mean	-1.09
Std Error	0.03	Std Error	0.25	Std Error	0.13	Std Error	0.02	Std Error	0.09	Std Error	0.11
Median	0.48	Median	4.70	Median	-1.10	Median	0.63	Median	0.90	Median	-1.20
Mode	0.50	Mode	5.40	Mode	-0.30	Mode	0.30	Mode	0.00	Mode	-1.50
Std Dev	0.56	Std Dev	5.34	Std Dev	2.61	Std Dev	0.43	Std Dev	1.57	Std Dev	1.69
Variance	0.32	Variance	28.53	Variance	6.79	Variance	0.18	Variance	2.47	Variance	2.86
Kurtosis	1.22	Kurtosis	-0.48	Kurtosis	6.46	Kurtosis	0.78	Kurtosis	3.77	Kurtosis	2.76
Skewness	-0.62	Skewness	-0.12	Skewness	-1.87	Skewness	0.01	Skewness	-1.29	Skewness	0.83
Range	4.07	Range	28.30	Range	22.20	Range	3.17	Range	10.40	Range	12.20
Minimum	-1.83	Minimum	-9.90	Minimum	-17.50	Minimum	-1.17	Minimum	-6.40	Minimum	-5.50
Maximum	2.24	Maximum	18.40	Maximum	4.70	Maximum	2.00	Maximum	4.00	Maximum	6.70
Count	471	Count	439	Count	377	Count	494	Count	318	Count	241
strand Val											
<i>NH ss</i>		<i>N ss</i>		<i>Ca ss</i>		<i>Ha ss</i>		<i>Cb ss</i>		<i>CO ss</i>	
Mean	0.69	Mean	3.41	Mean	-2.19	Mean	0.55	Mean	1.48	Mean	-1.86
Std Error	0.02	Std Error	0.18	Std Error	0.09	Std Error	0.02	Std Error	0.17	Std Error	0.08
Median	0.77	Median	3.60	Median	-1.80	Median	0.56	Median	1.10	Median	-1.80
Mode	0.89	Mode	3.60	Mode	-1.80	Mode	0.35	Mode	1.60	Mode	-1.80
Std Dev	0.58	Std Dev	4.74	Std Dev	2.34	Std Dev	0.45	Std Dev	4.12	Std Dev	1.53
Variance	0.34	Variance	22.50	Variance	5.49	Variance	0.20	Variance	16.96	Variance	2.34
Kurtosis	4.86	Kurtosis	0.54	Kurtosis	7.86	Kurtosis	0.06	Kurtosis	46.07	Kurtosis	0.79
Skewness	-1.38	Skewness	-0.47	Skewness	-1.70	Skewness	-0.06	Skewness	5.85	Skewness	-0.19
Range	5.19	Range	31.70	Range	22.10	Range	3.03	Range	45.80	Range	10.30
Minimum	-3.15	Minimum	-16.40	Minimum	-18.20	Minimum	-1.02	Minimum	-8.70	Minimum	-7.10
Maximum	2.04	Maximum	15.30	Maximum	3.90	Maximum	2.01	Maximum	37.10	Maximum	3.20
Count	762	Count	724	Count	649	Count	804	Count	588	Count	408

strand Trp											
<i>NH ss</i>	<i>N ss</i>	<i>Ca ss</i>	<i>Ha ss</i>	<i>Cb ss</i>	<i>CO ss</i>						
Mean	0.58	Mean	1.66	Mean	-1.59	Mean	0.60	Mean	3.08	Mean	-0.99
Std Error	0.06	Std Error	0.55	Std Error	0.28	Std Error	0.05	Std Error	0.64	Std Error	0.25
Median	0.54	Median	2.00	Median	-1.30	Median	0.63	Median	2.10	Median	-1.20
Mode	1.10	Mode	2.00	Mode	-0.50	Mode	0.94	Mode	1.50	Mode	-1.60
Std Dev	0.60	Std Dev	5.26	Std Dev	2.46	Std Dev	0.53	Std Dev	5.43	Std Dev	1.80
Variance	0.36	Variance	27.65	Variance	6.06	Variance	0.28	Variance	29.48	Variance	3.25
Kurtosis	-0.30	Kurtosis	-0.59	Kurtosis	2.64	Kurtosis	0.91	Kurtosis	31.76	Kurtosis	0.06
Skewness	-0.08	Skewness	0.08	Skewness	-0.35	Skewness	-0.01	Skewness	4.87	Skewness	-0.30
Range	2.90	Range	23.10	Range	15.00	Range	2.93	Range	45.70	Range	8.50
Minimum	-0.91	Minimum	-10.10	Minimum	-9.80	Minimum	-1.04	Minimum	-5.50	Minimum	-5.40
Maximum	1.99	Maximum	13.00	Maximum	5.20	Maximum	1.89	Maximum	40.20	Maximum	3.10
Count	103	Count	91	Count	77	Count	100	Count	71	Count	51
strand Tyr											
<i>NH ss</i>	<i>N ss</i>	<i>Ca ss</i>	<i>Ha ss</i>	<i>Cb ss</i>	<i>CO ss</i>						
Mean	0.71	Mean	2.29	Mean	-1.67	Mean	0.52	Mean	3.36	Mean	-1.54
Std Error	0.03	Std Error	0.30	Std Error	0.13	Std Error	0.03	Std Error	0.35	Std Error	0.15
Median	0.75	Median	2.70	Median	-1.45	Median	0.51	Median	3.10	Median	-1.30
Mode	0.42	Mode	5.00	Mode	-1.40	Mode	0.56	Mode	3.20	Mode	-1.80
Std Dev	0.59	Std Dev	5.02	Std Dev	2.10	Std Dev	0.51	Std Dev	5.09	Std Dev	1.77
Variance	0.34	Variance	25.19	Variance	4.40	Variance	0.26	Variance	25.89	Variance	3.14
Kurtosis	1.06	Kurtosis	0.10	Kurtosis	12.11	Kurtosis	0.10	Kurtosis	16.67	Kurtosis	0.51
Skewness	-0.42	Skewness	-0.34	Skewness	-2.06	Skewness	0.12	Skewness	2.80	Skewness	-0.33
Range	4.37	Range	31.30	Range	20.60	Range	2.95	Range	47.80	Range	11.10
Minimum	-1.78	Minimum	-16.60	Minimum	-16.10	Minimum	-1.01	Minimum	-15.00	Minimum	-6.70
Maximum	2.59	Maximum	14.70	Maximum	4.50	Maximum	1.94	Maximum	32.80	Maximum	4.40
Count	347	Count	283	Count	246	Count	361	Count	217	Count	148