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SUPPORTING INFORMATION

Table S1. Chemical shift assignments for the ^1H , ^{13}C , ^{15}N -labeled HAfp14 peptide (H1-subtype)

	$^1\text{H}^{\text{N}}$	^{15}N	$^{13}\text{C}^{\alpha}$	$^{13}\text{C}'$
F3	8.96	117.2	61.6	177.7
G4	8.52	107.1	46.9	176.9
A5	8.16	124.7	54.7	180.4
I6	8.09	118.0	65.1	177.5
A7	8.48	121.7	55.6	180.0
G8	8.15	103.9	46.8	176.4
F9	7.91	122.7	60.6	177.7
I10	8.06	117.8	64.1	177.1
E11	8.15	119.2	58.8	178.0
G12	7.91	105.2	46.1	175.4
G13	8.08	108.4	46.0	173.8
W14	8.06	120.1	-	-

Table S2. Chemical shift assignments for the ^1H , ^{13}C , ^{15}N -labeled HAfp20 peptide (H1-subtype)

	$^1\text{H}^{\text{N}}$	^{15}N	$^{13}\text{C}^{\alpha}$	$^{13}\text{C}'$
F3	8.97	116.9	61.4	177.8
G4	8.53	106.9	46.8	176.8
A5	8.16	124.3	54.6	180.0
I6	8.06	117.1	64.8	177.5
A7	8.41	121.5	55.4	180.0
G8	8.14	103.9	46.6	176.1
F9	8.00	122.0	60.2	177.6
I10	8.04	117.4	63.7	177.0
E11	8.05	119.1	58.5	177.9
G12	8.11	105.6	45.8	175.4
G13	8.23	109.0	45.7	174.2
W14	8.43	121.0	59.0	177.2
T15	8.11	111.8	64.3	176.0
G16	7.86	109.1	46.0	174.9
M17	7.97	118.9	56.8	176.4
I18	7.81	117.0	61.4	176.3
D19	8.27	121.8	54.6	-
G20	8.31	109.2	45.7	-

Table S3. Chemical shift assignments for the ^1H , ^{13}C , ^{15}N -labeled HAfp23 peptide (H1-subtype)

	$^1\text{H}^{\text{N}}$	^{15}N	$^{13}\text{C}^{\alpha}$	$^{13}\text{C}'$
F3	8.99	117.6	61.7	178.2
G4	8.76	107.3	46.6	177.5
A5	8.52	126.4	55.1	179.0
I6	7.94	118.8	65.6	177.5
A7	8.29	120.4	55.4	180.4
G8	8.32	105.7	46.4	175.9
F9	8.29	123.4	60.4	178.5
I10	7.86	119.3	65.1	177.0
E11	7.77	115.5	58.4	178.4
G12	8.45	105.5	45.9	175.9
G13	8.37	112.3	45.4	174.1
W14	9.08	124.6	61.3	177.6
T15	8.60	110.9	66.3	176.8
G16	7.21	109.0	46.8	177.0
M17	8.51	125.0	58.7	177.6
I18	7.84	119.8	64.5	178.1
D19	8.02	118.9	57.4	179.9
G20	8.34	107.5	46.0	176.1
W21	8.58	123.8	59.8	177.1
Y22	7.75	113.1	60.7	177.6
G23	8.06	108.8	46.0	-

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Table S4. Chemical shift assignments for the ^2H , ^{13}C , ^{15}N -labeled HAfp28 peptide (H1-subtype)^a

	$^1\text{H}^{\text{N}}$	^{15}N	$^{13}\text{C}^{\alpha}$	$^{13}\text{C}'$
F3	8.96	117.3	61.2	178.2
G4	8.74	107.1	46.1	177.3
A5	8.46	126.0	54.6	179.1
I6	7.91	118.4	65.0	177.6
A7	8.26	120.2	54.8	180.4
G8	8.34	105.5	45.9	175.9
F9	8.27	123.2	59.9	178.5
I10	7.87	119.0	64.6	177.0
E11	7.76	115.3	57.8	178.4
G12	8.44	105.3	45.5	175.9
G13	8.36	112.1	45.0	174.1
W14	9.06	124.4	60.8	177.6
T15	8.58	110.6	65.7	176.8
G16	7.20	108.7	46.4	176.9
M17	8.48	124.6	58.1	177.6
I18	7.82	119.6	64.0	178.0
D19	8.06	118.9	57.1	179.8
G20	8.38	107.4	45.6	176.2
W21	8.60	124.0	59.4	177.1
Y22	7.63	113.0	60.1	177.0
G23	7.94	107.6	45.6	174.4
Y24	7.98	119.1	56.4	-
H25	8.29	123.3	55.9	-
H26	8.35	123.6	55.9	-

^a Values have not been corrected for ^2H isotope shift effects.