

Supporting information for Stanger *et al.* (October 2, 2001) *Proc. Natl. Acad. Sci. USA*, 10.1073/pnas.211536998.

Table 14. Proton resonances (ppm) for D **P-ST/Y**₂ in 9:1 H₂O/D₂O (4°C)

Residue	N-H	α H	β H	Others
Ser	—	4.24	4.00	—
Thr	8.86	4.55	4.17	γ CH ₃ 1.20
Ser	8.69	4.60	3.84	—
Thr	8.30	4.53	3.95	γ CH ₃ 0.93
Arg	8.38	4.42	1.72, 1.64	γ CH ₂ 1.41 δ CH ₂ 3.05 ϵ NH 7.09 NH ₂ ⁺ 6.87, 6.47
Tyr	8.54	5.13	2.71	2,6 H 6.90 3,5 H 6.75
Val	8.96	4.36	1.95	γ CH ₃ 0.90, 0.80
Glu	8.65		1.94, 1.85	γ CH ₂ 2.21
Val	8.96	4.59	1.96	γ CH ₃ 0.90, 0.80
D Pro	—	4.37	2.37, 1.96	γ CH ₂ 2.13, 2.08 δ CH ₂ 3.88
Gly	8.71	4.00, 3.74	—	—
Orn	7.93	4.58	1.80	γ CH ₂ 1.68 δ CH ₂ 2.99 δ NH ₃ ⁺ 7.69
Lys	8.58	4.60	1.60, 1.50	γ CH ₂ 1.08 δ CH ₂ 1.30 ϵ CH ₂ 2.54 ϵ NH ₃ ⁺ 7.41
Ile	9.15	4.49	1.88	γ CH ₃ 0.86 γ CH ₂ 1.36, 1.18 δ CH ₃ 0.77
Leu	8.61	4.10	1.39	γ CH ₂ 1.22 δ CH ₃ 0.55
Gln	8.69	4.35	1.91, 1.73	γ CH ₂ 2.14

				δ NH 7.41, 7.00
Tyr	8.56	4.60	2.77	2,6 H 7.03 3,5 H 6.73
Ser	8.37	4.43	3.69	—
Tyr	8.44	4.68	3.02, 2.93	2,6 H 7.15 3,5 H 6.79
Ser	8.29	4.35	3.80	—
-NH ₂	7.25			