Supporting Information

Functionalization of Human Serum Albumin by Tyrosine Click

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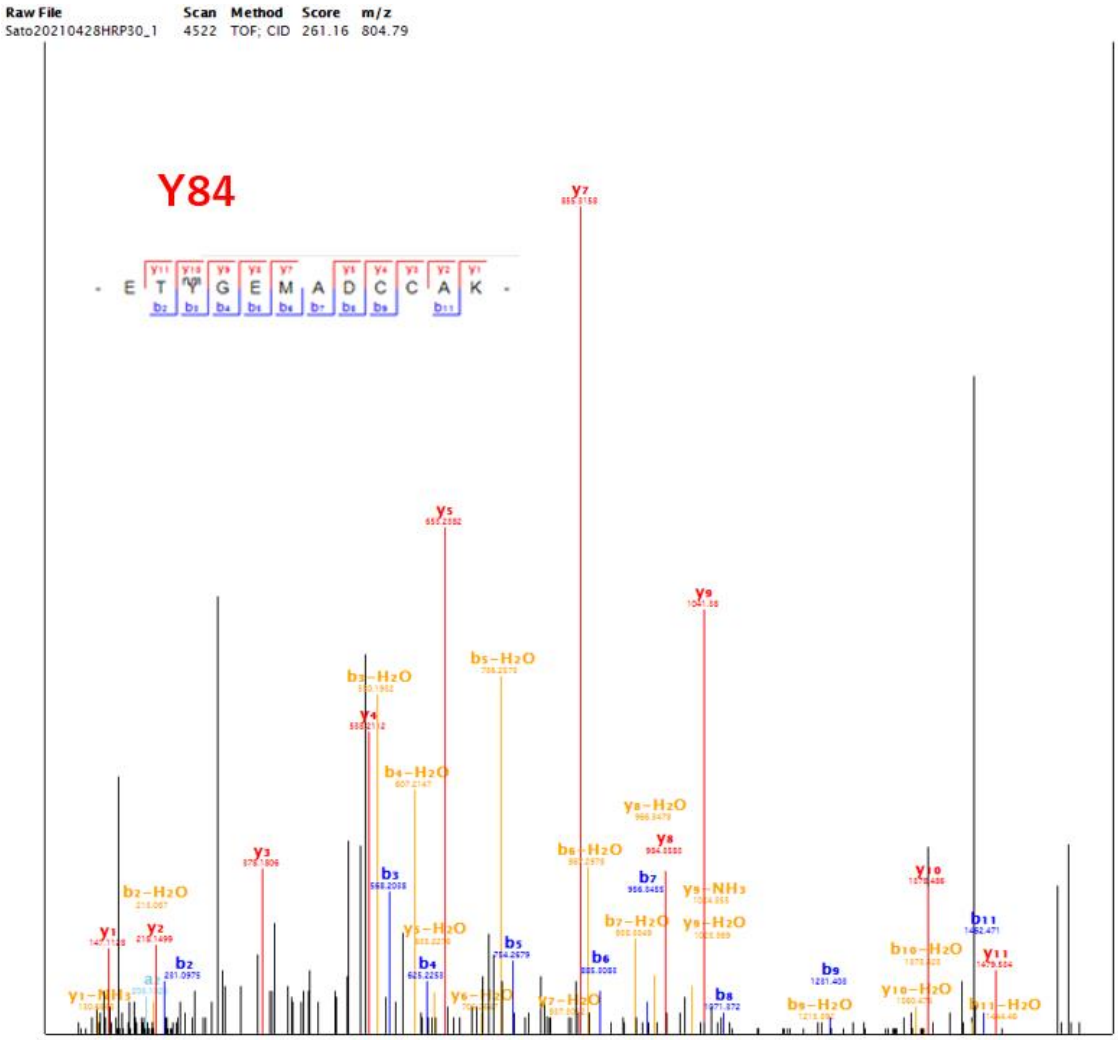
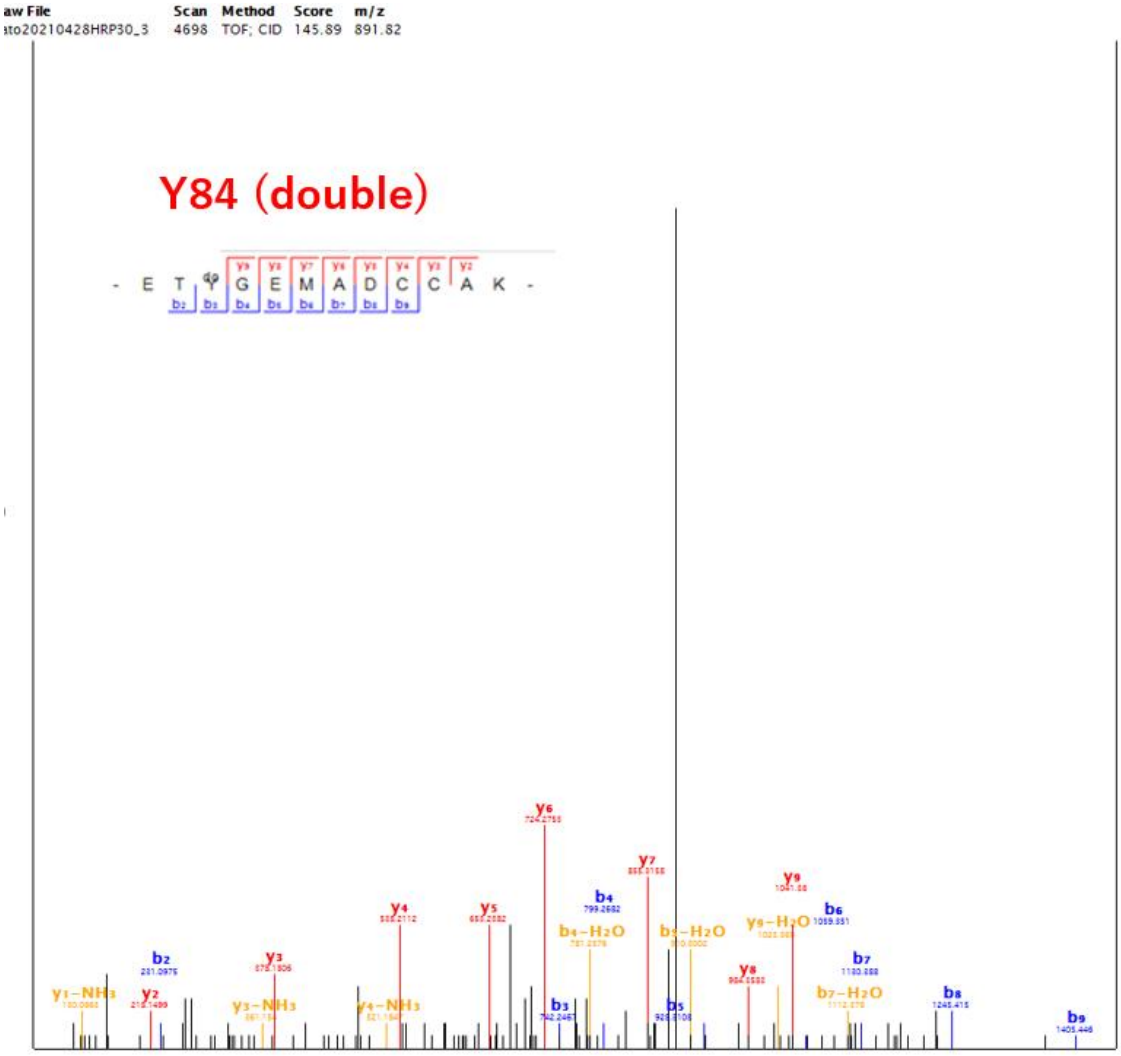
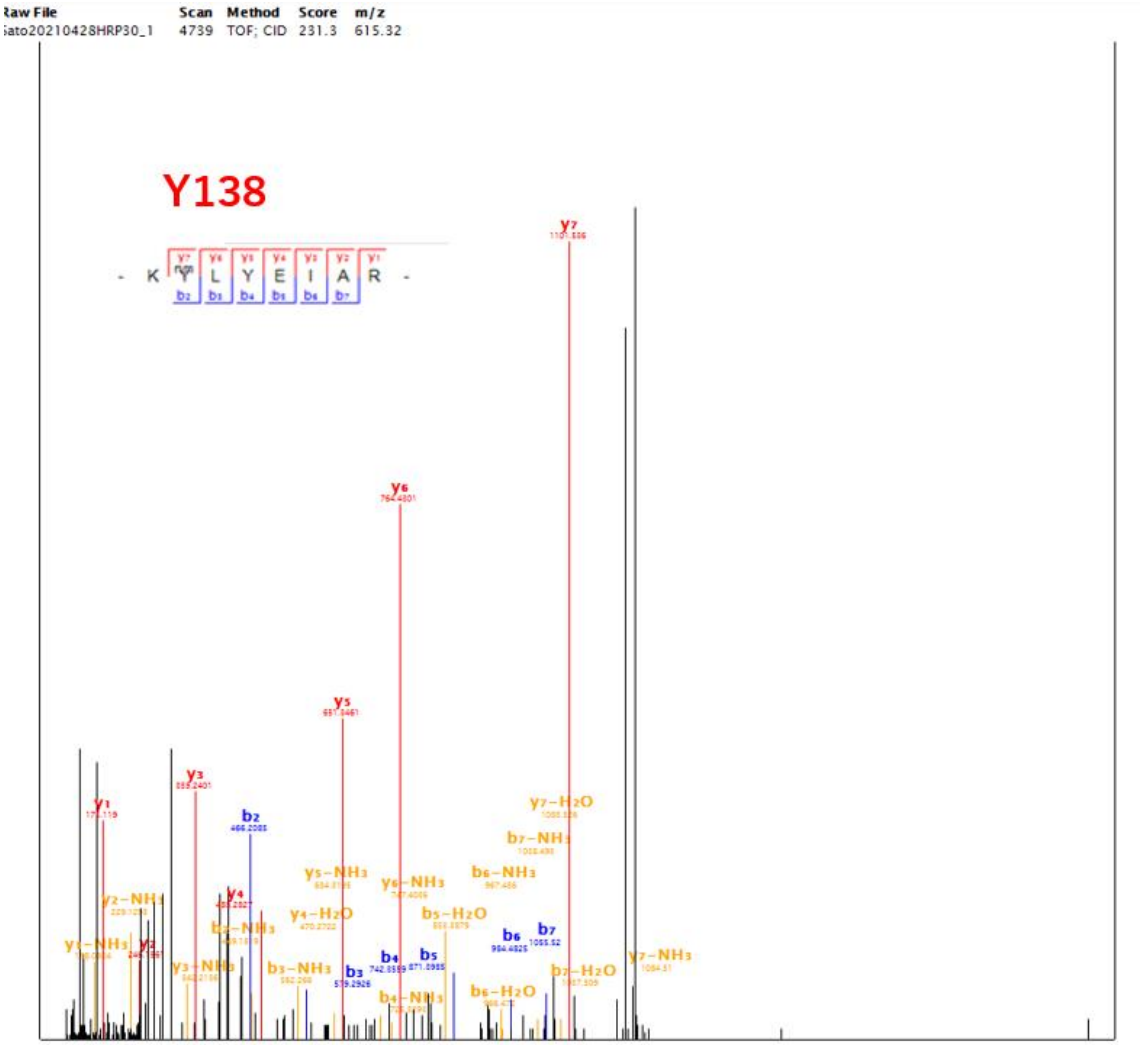
1. Supporting Data



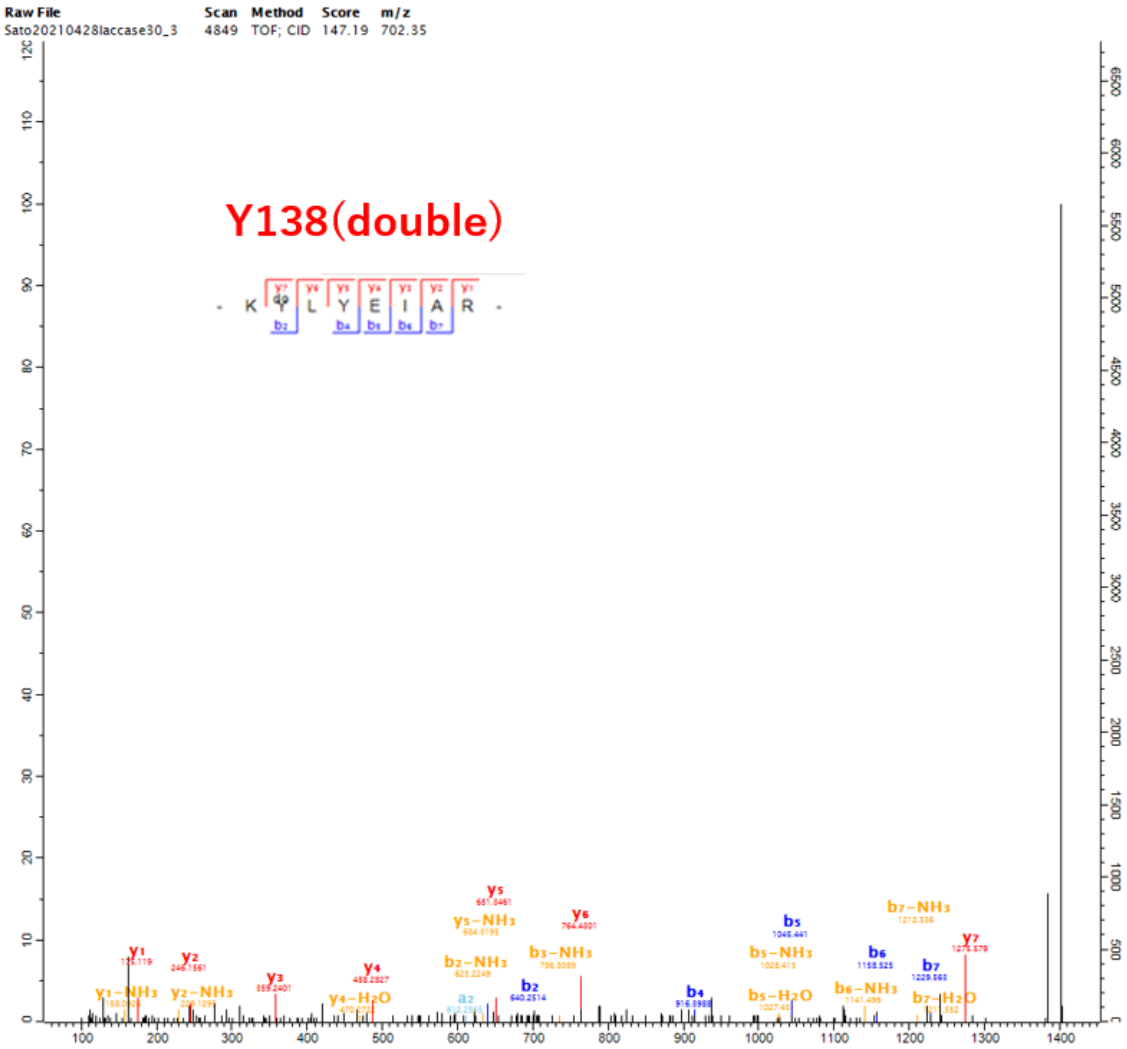
Figures S1. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3A.



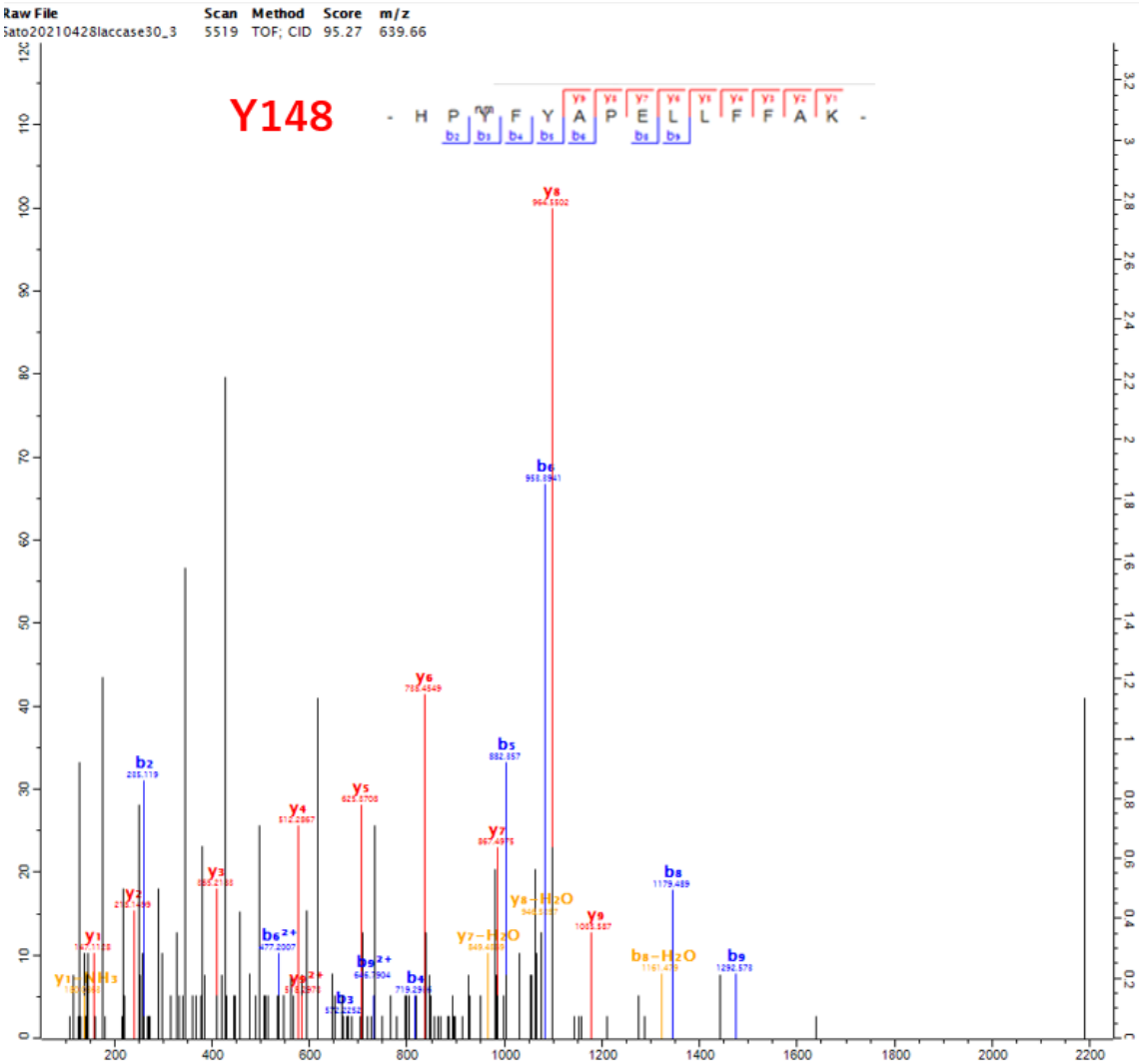
Figures S2. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3B.



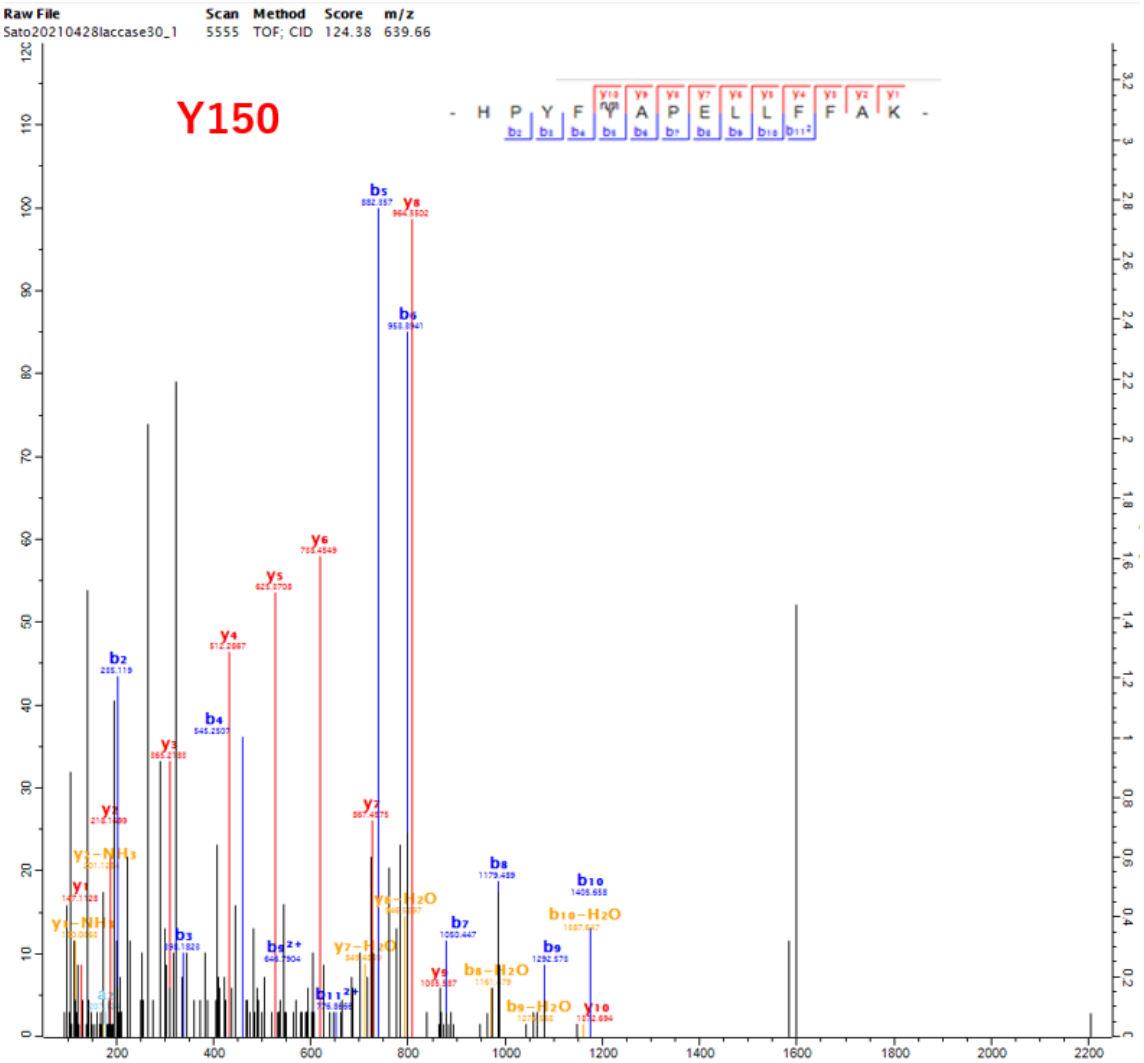
Figures S3. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3C.



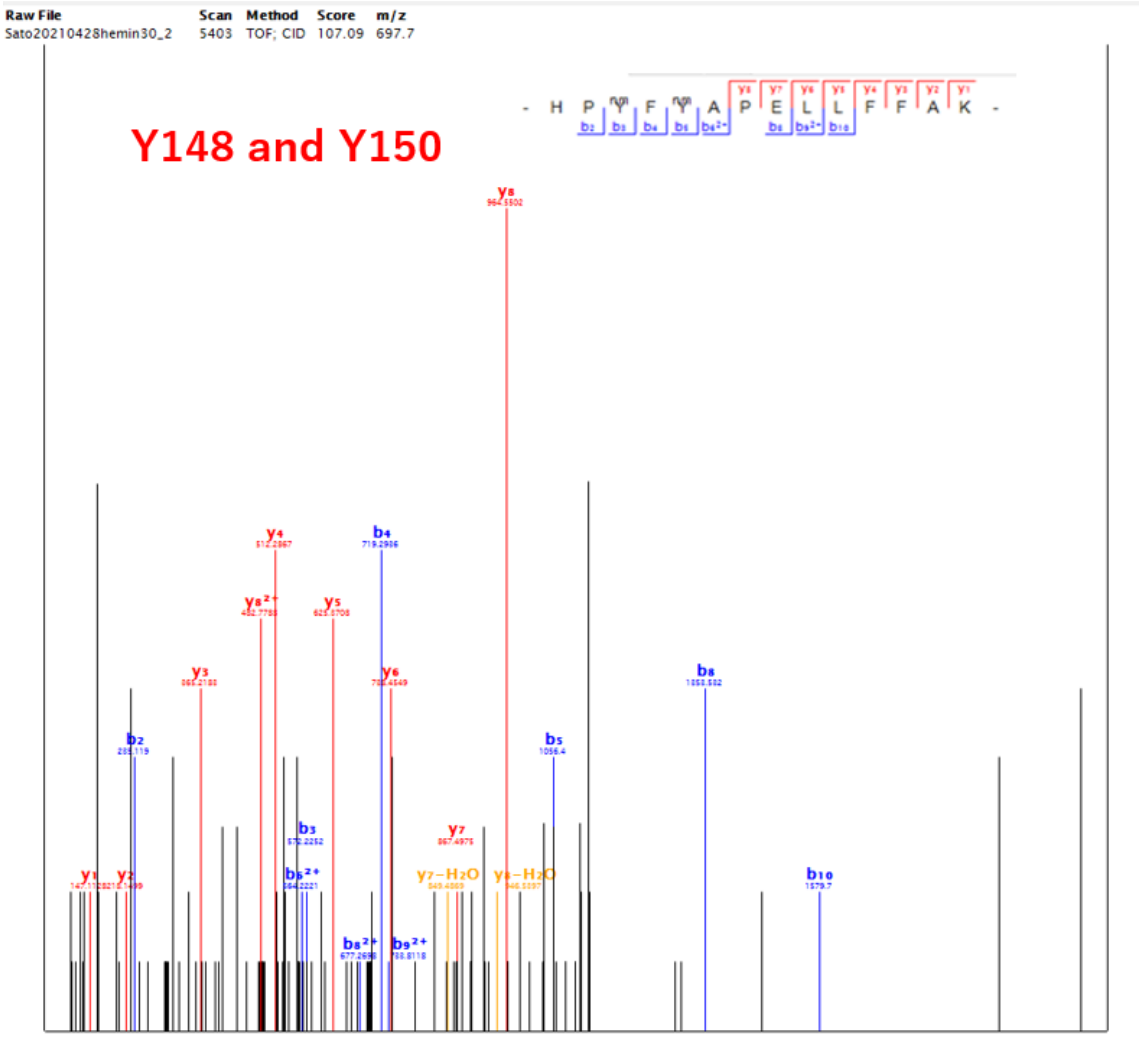
Figures S4. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3D.



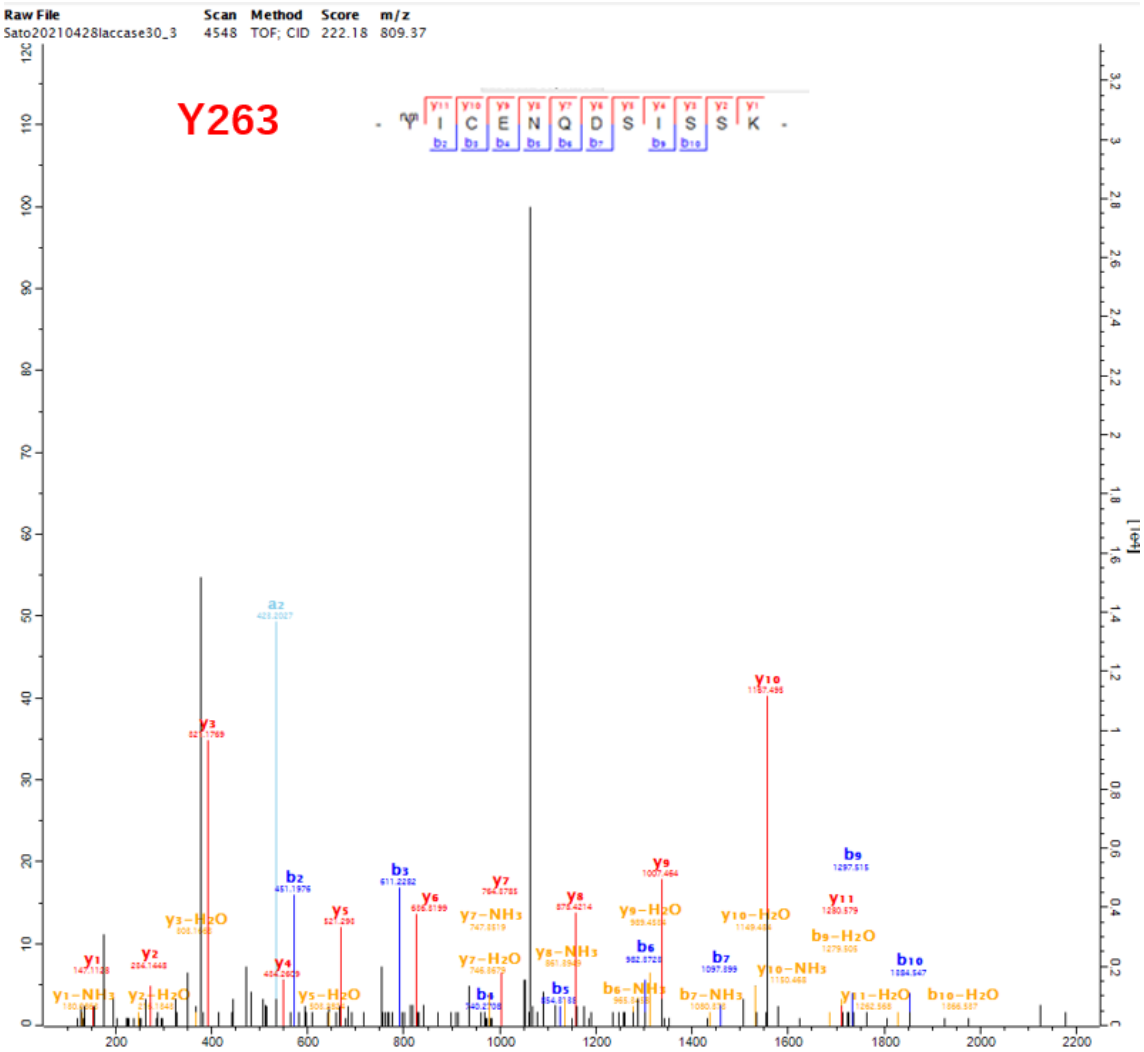
Figures S5. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3E.



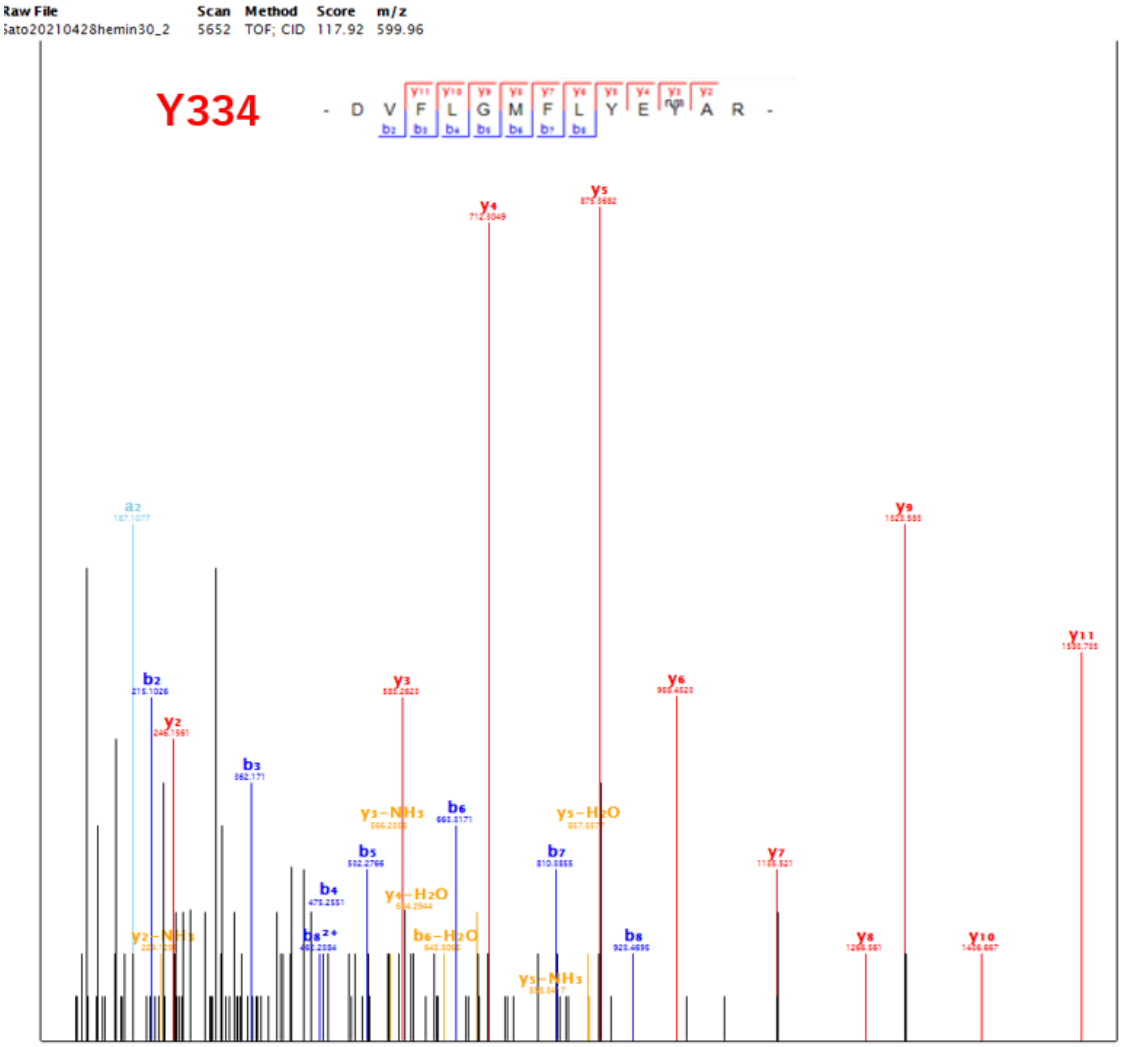
Figures S6. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3E.



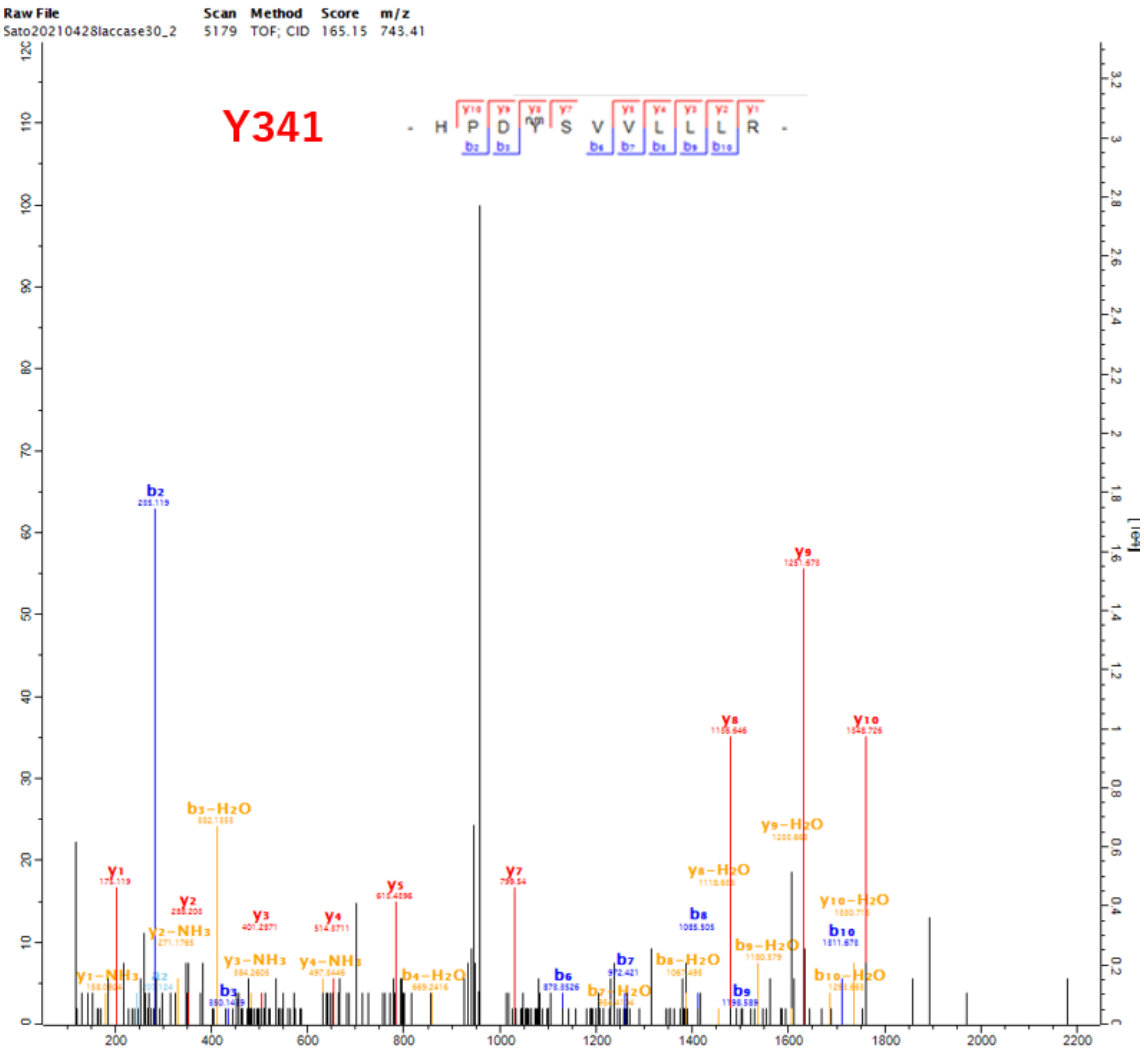
Figures S7. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3F.



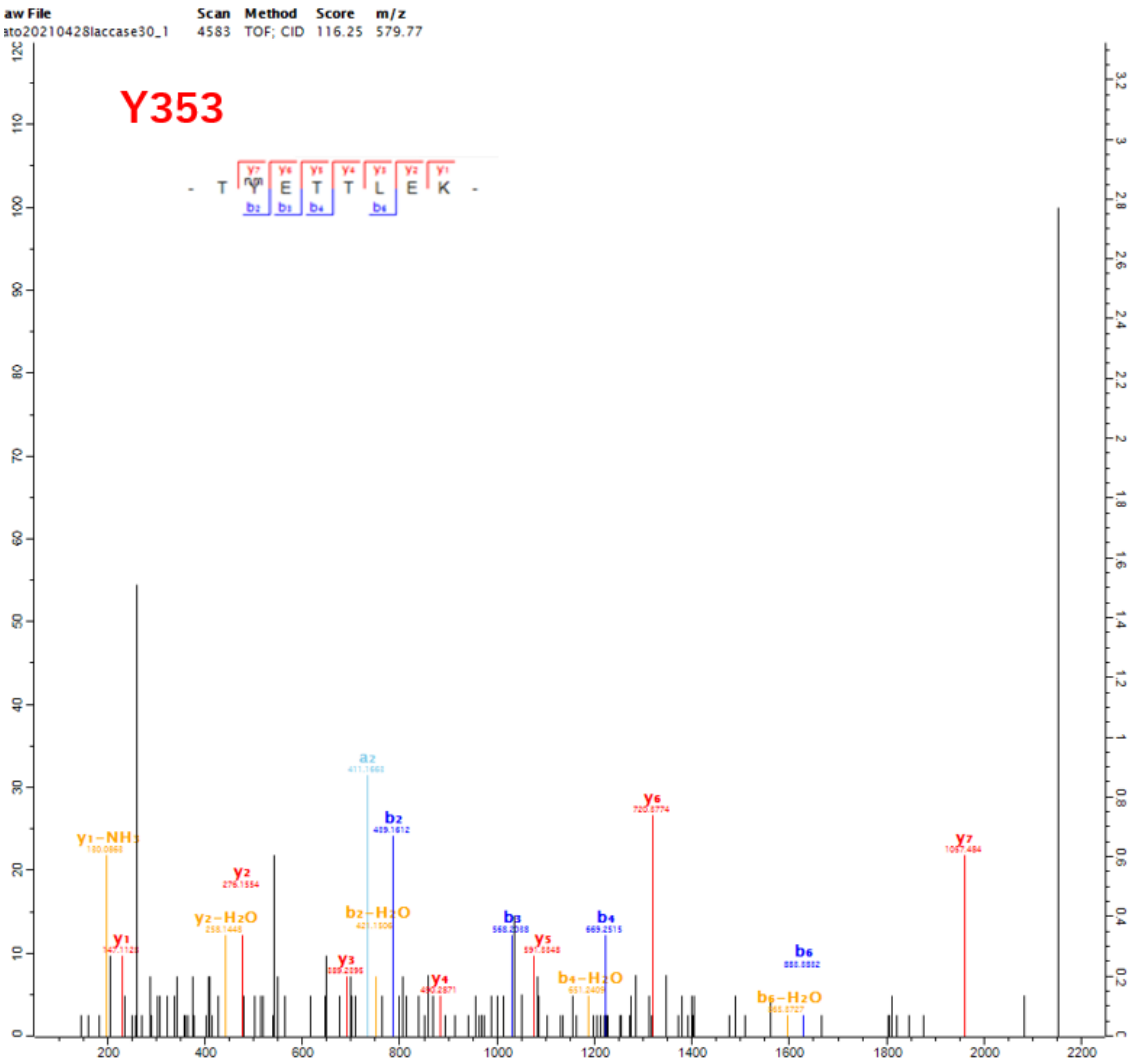
Figures S8. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3G.



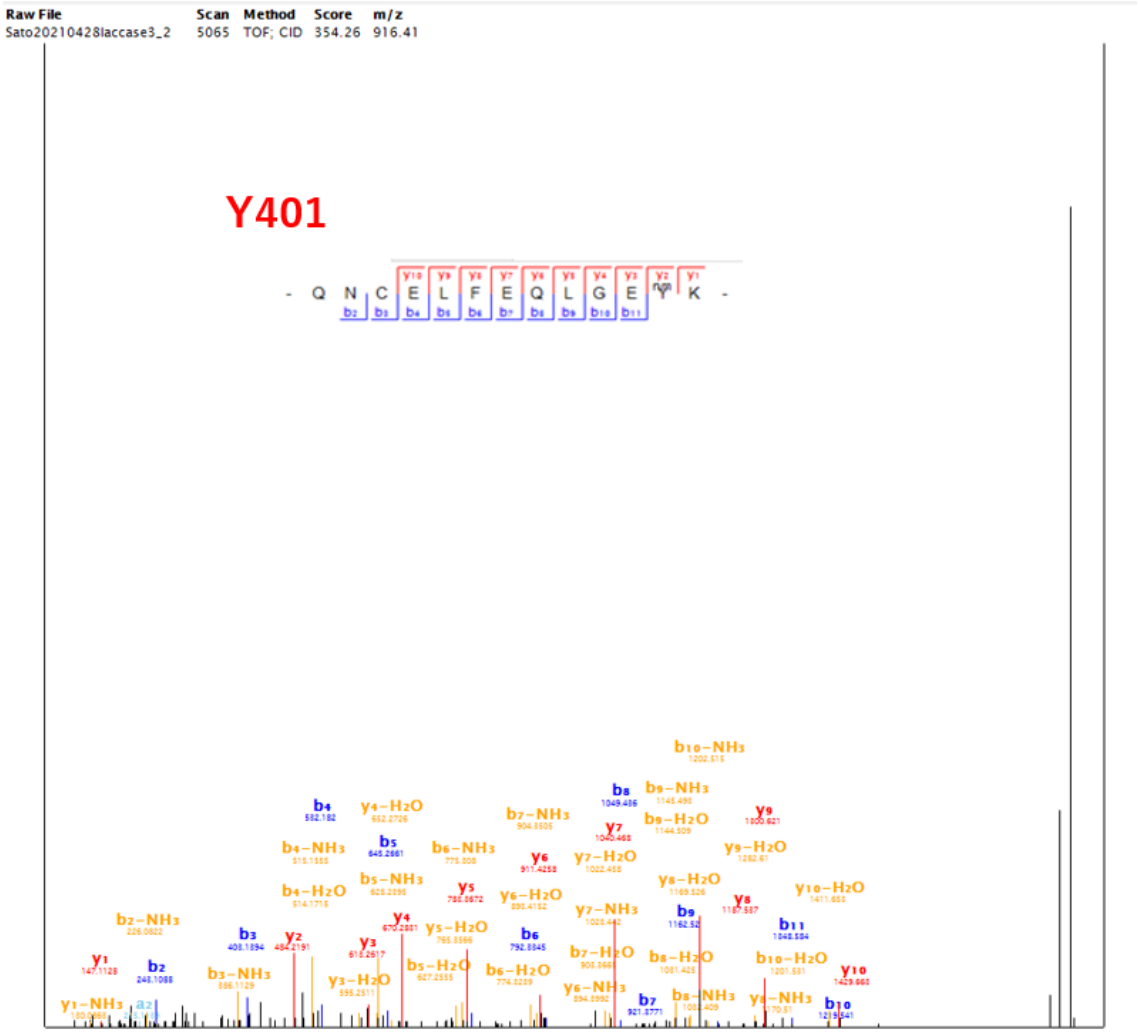
Figures S9. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3H.



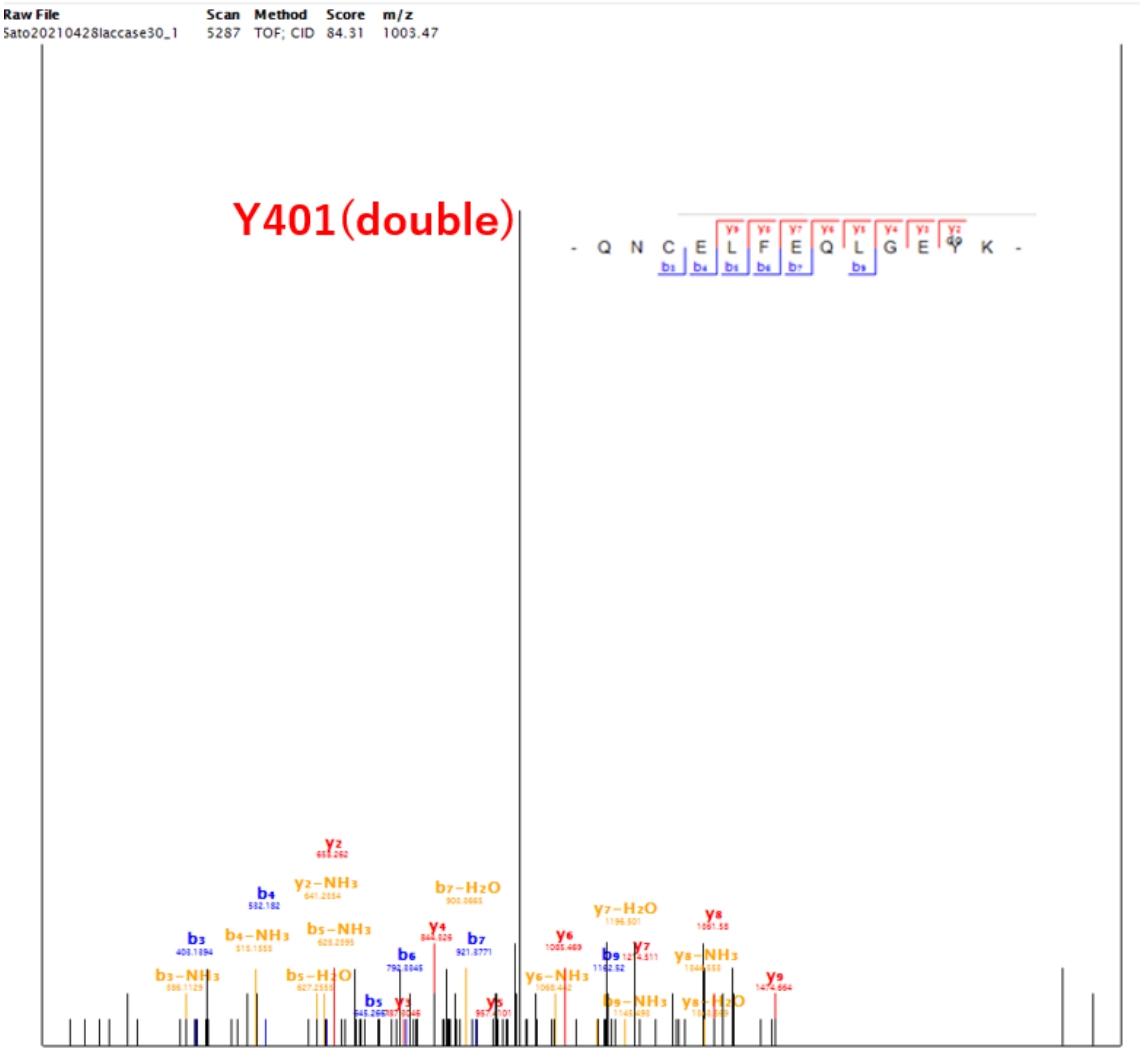
Figures S10. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3I.



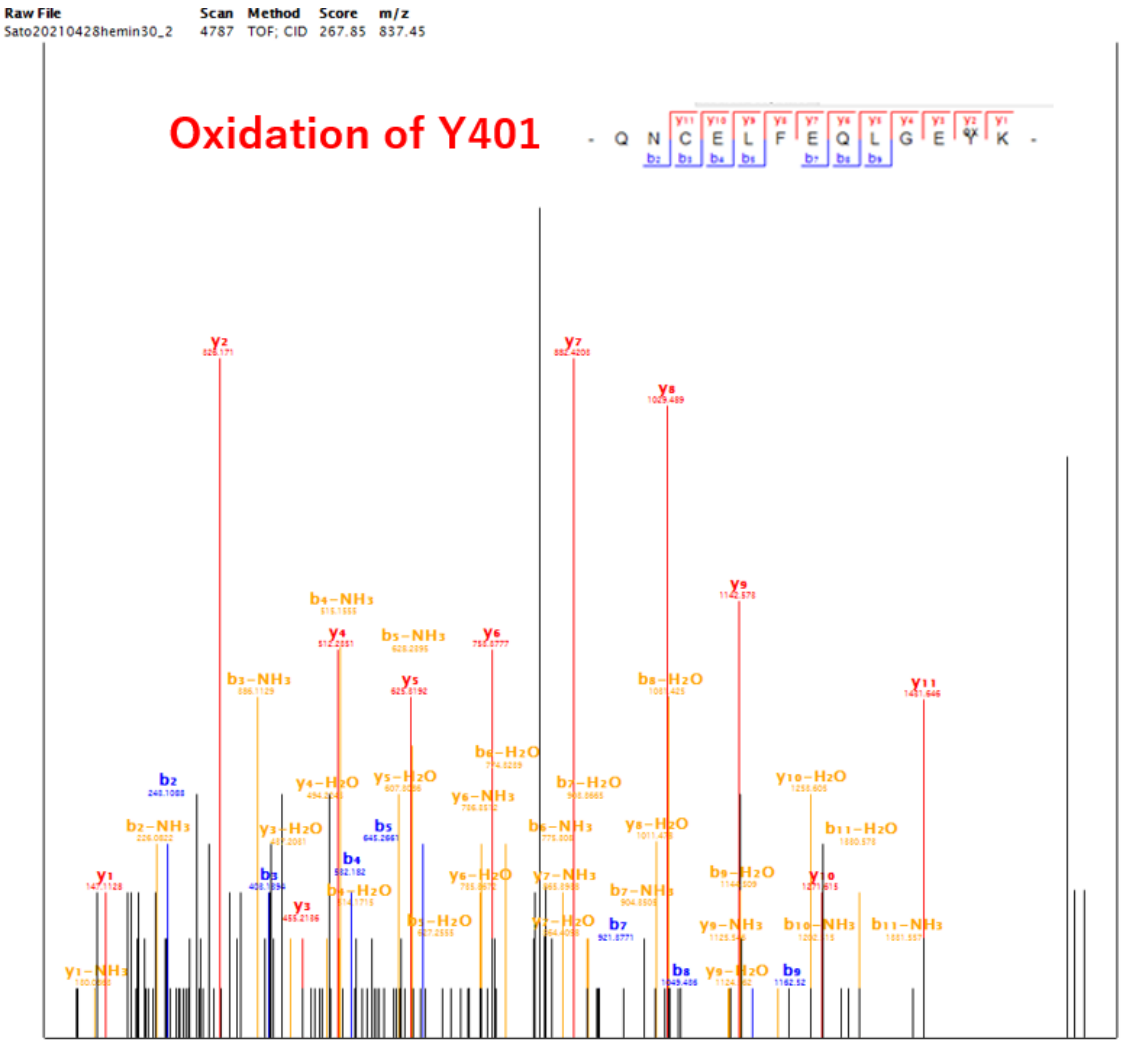
Figures S11. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3J.



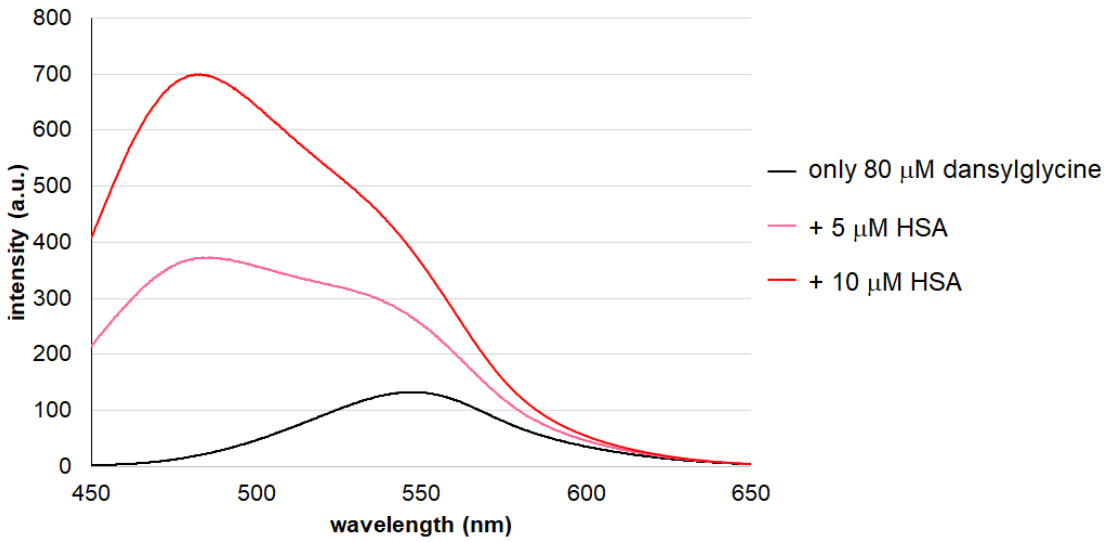
Figures S12. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3K.



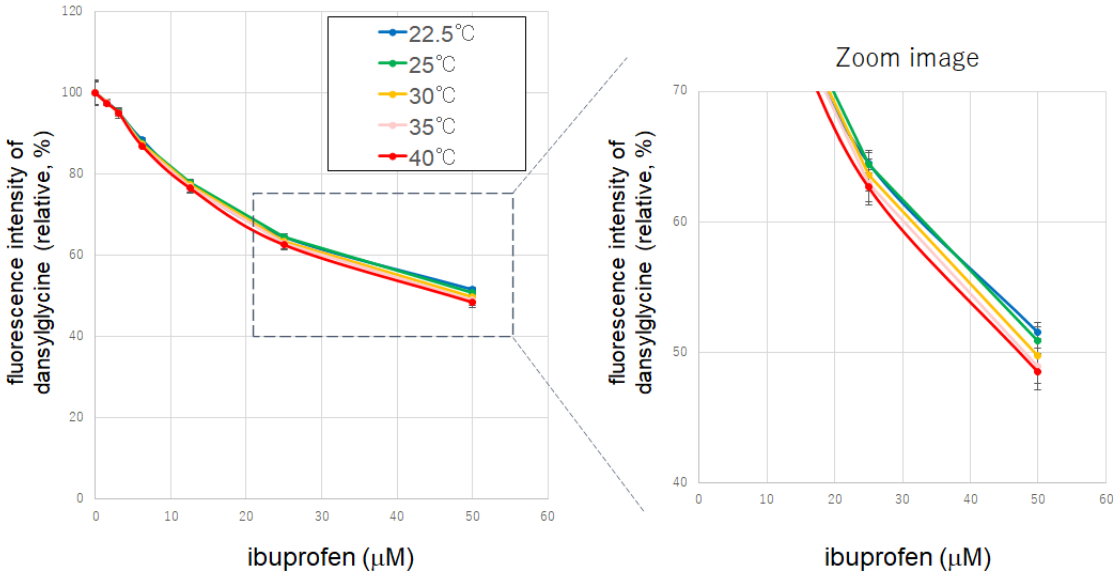
Figures S13. MS/MS analysis of the peak containing modified tyrosine shown in Figure 3L.



Figures S14. MS/MS analysis of the peak containing oxidized tyrosine shown in Figure 4.



Figures S15. Change in fluorescence spectrum of dansylglycine by binding with HSA. Ex: 360 nm. Fluorescent spectrum was measured with FP-6500 (JASCO). 80 μM dansylglycine (from 100 mM DMSO stock), 5 or 10 μM HSA in 100 mM PBS (pH7.4), 25℃.



Figures S16. Temperature-dependency of the binding competition between ibuprofen and dansylglycine, Fluorescence changes due to competition between ibuprofen and dansylglycine. Error bars, mean ± SD from three independent experiments.