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Addition/Correction

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Correction to Letter: Fluorinated Aromatic Amino Acids Are Sensitive ^{19}F NMR Probes for Bromodomain−Ligand Interactions

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This correction regards a typographical error found in Figure 3B of the recent letter in the December issue of

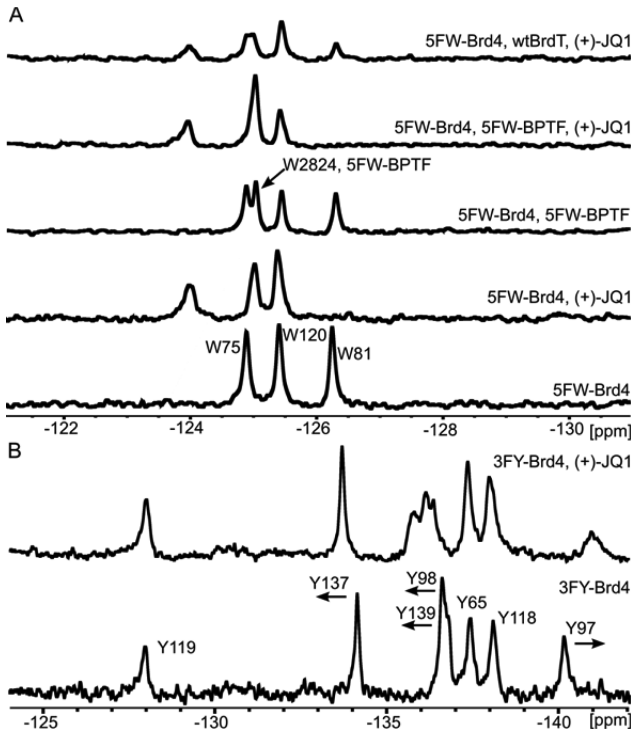

Figure 3. PrOF NMR titration of (+)-JQ1 with Brd4(1). (A) Bottom to top: 5FW-Brd4(1) (25 μM), with 1 equiv (+)-JQ1, with 5FW-BPTF (25 μM), with 5FW-BPTF (25 μM) and 1 equiv (+)-JQ1, with unlabeled BrdT(1) (50 μM) and 1 equiv (+)-JQ1. (B) Bottom to Top: 3FY-Brd4(1) (47 μM) titrated with 2 equiv (+)-JQ1.

ACS Chemical Biology (*ACS Chem. Biol.*, **2014**, *9*, 2755−2760) by Pomerantz and co-workers. In this report, the authors use chemical shift perturbations of assigned fluorine resonances from aromatic amino acids located on the bromodomain to quantify binding affinity and characterize a binding surface. A typographical error has been found in Figure 3B which depicts a ^{19}F NMR spectrum of a 3-fluorotyrosine-labeled Brd4 bromodomain (3FY-Brd4). The assignments in the original version for the most downfield resonance at −128 ppm labeled Y118 and the resonance at −138 ppm labeled as Y119 have been interchanged. The correct assignments are shown in the figure above. All of the assignments and analyses in the Supporting Information remain correct in addition to analyses in the main text. The typographical error does not change any conclusions made in the manuscript.

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