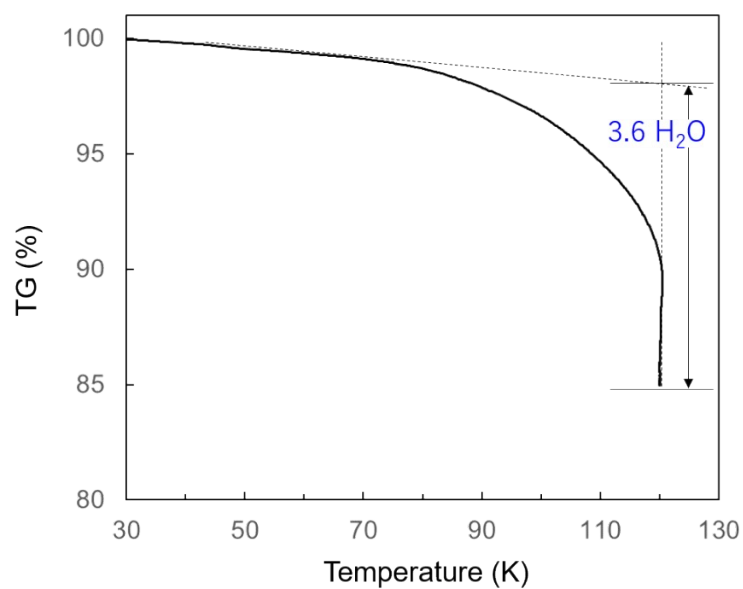


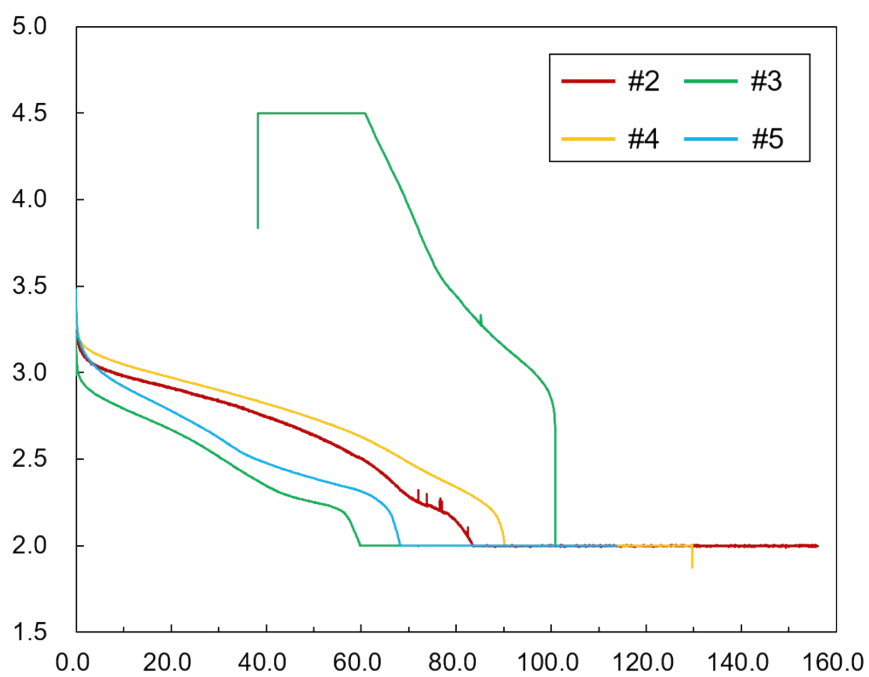
**Supplementary material for  
Li intercalation in 2D iron phosphate synthesized from the partial  
dehydration and deprotonation of vivianite**

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**Fig. S1** Weight loss of vivianite up to 120 °C. The duration at 120 °C is 1 h.



**Fig. S2** Individual differences of the Li intercalation of SB electrodes during the CC-CV discharging process. The retention time of the CV discharging process was 72 h for samples #2, #4, and #5 and 24 h for sample #3.