Supporting Information

Dong Yang[a], Qizhen Chai[a], Lingling Wei[b], Xiaolian Chao[a] and Zupei Yang[a]*

[a.] Key Laboratory for Macromolecular Science of Shaanxi Province; Shaanxi Key Laboratory for Advanced Energy Devices; School of Materials Science and Engineering, Shaanxi Normal University, Xi'an, 710062, Shaanxi, China

[b.] School of Chemistry and Chemical Engineering, Shaanxi Normal University, Shaanxi Normal University, Xi'an, 710062, Shaanxi, P.R. China.

*Corresponding:

Key Laboratory for Macromolecular Science of Shaanxi Province

School of Materials Science and Engineering

Shaanxi Normal University, Xi'an, 710062, Shaanxi, P.R. China

Tel: +86-29-81530-718; Fax: +86-29-81530-702

E-mail address: yangzp@snnu.edu.cn

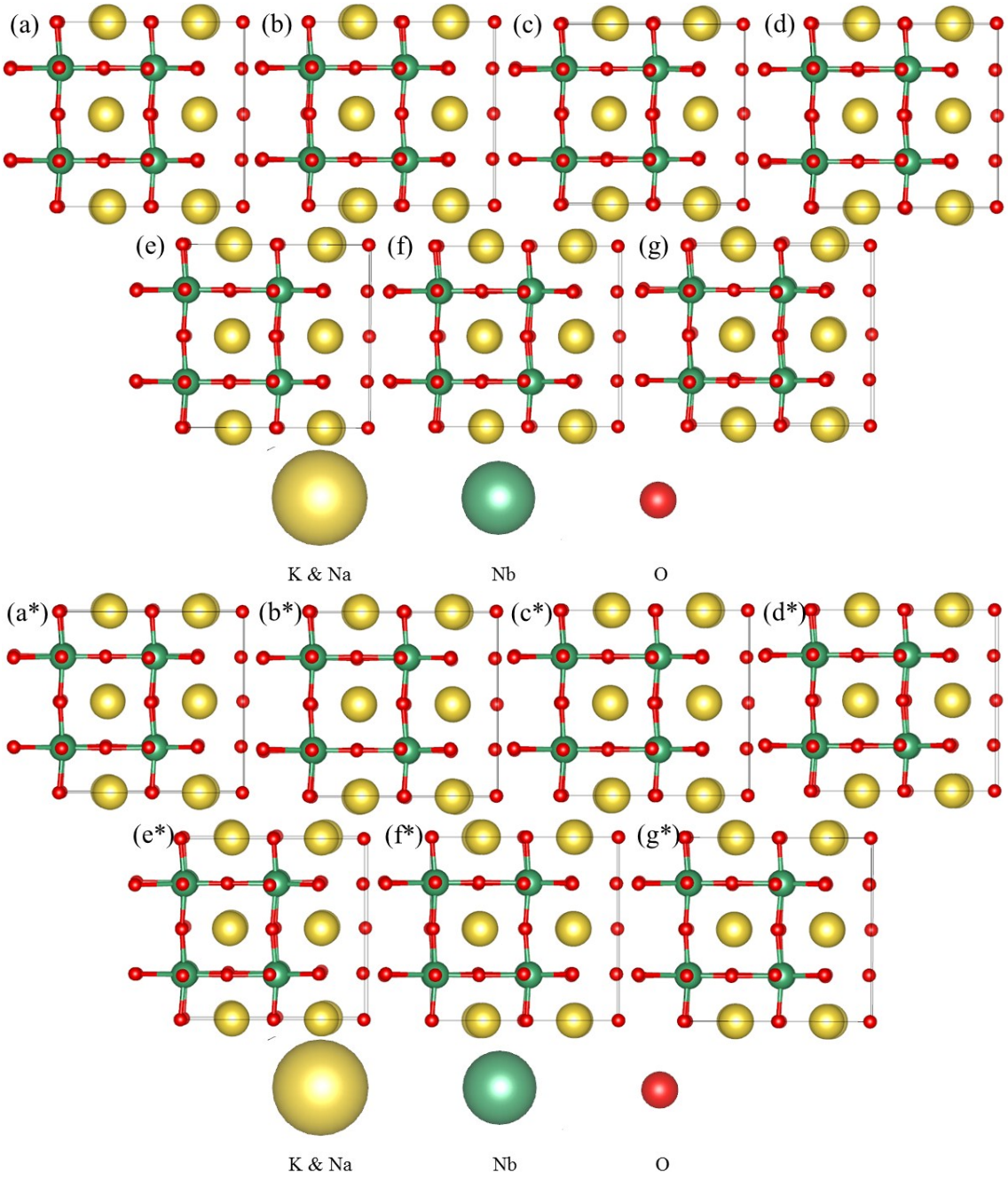

Fig. S1 Structure detail of KNN system, (a) $K_{0.460}Na_{0.540}NbO_3$ with O phase, (b) $K_{0.455}Na_{0.545}NbO_3$ with O phase, (c) $K_{0.450}Na_{0.550}NbO_3$ with O phase, (d) $K_{0.445}Na_{0.555}NbO_3$ with O phase, (e) $K_{0.440}Na_{0.560}NbO_3$ with O phase, (f) $K_{0.435}Na_{0.565}NbO_3$ with O phase, (g) $K_{0.430}Na_{0.570}NbO_3$ with O phase, and (a*) $K_{0.460}Na_{0.540}NbO_3$ with T phase, (b*) $K_{0.455}Na_{0.545}NbO_3$ with T phase, (c*) $K_{0.450}Na_{0.550}NbO_3$ with T phase, (d*) $K_{0.445}Na_{0.555}NbO_3$ with T phase, (e*) $K_{0.440}Na_{0.560}NbO_3$ with T phase, (f*) $K_{0.435}Na_{0.565}NbO_3$ with T phase, (g*) $K_{0.430}Na_{0.570}NbO_3$ with T phase.