Supplementary

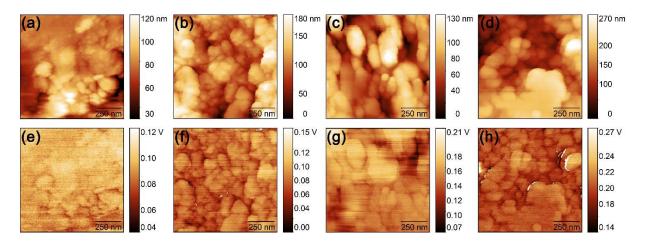


Figure s1. (a)-(d) Topography and (e)-(h) surface potential of $La_{1-x}Nd_xFeO_3$ in dependence of Nd doping degree. (a), (e) 0.5%; (b), (f) 1%; (c), (g) 5%; (d),(h) 10%.