

Supporting Information

Creating Two-Dimensional Hole Gas in Polar/Polar LaAlO₃/KTaO₃ Perovskite Heterostructure

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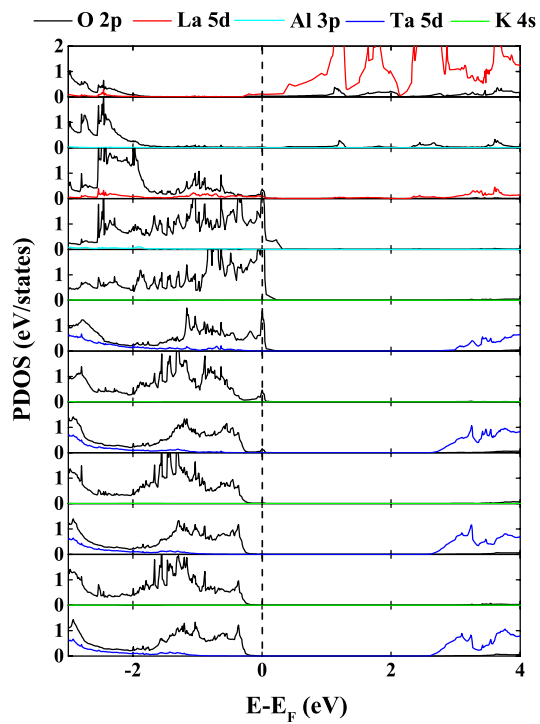


Figure S1: Calculated layer-resolved partial density of states (DOS) for the unrelaxed $(\text{LaAlO}_3)_2/\text{KTaO}_3$ HS system. The Fermi level is indicated by the vertical dashed line at zero in this and subsequent DOS figure.

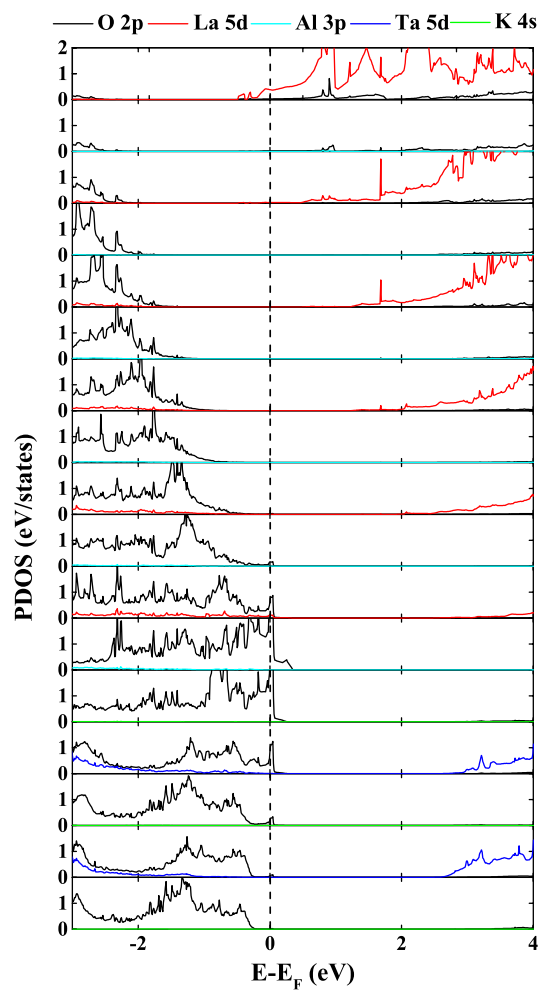


Figure S2: Calculated layer-resolved partial DOS for the unrelaxed $(\text{LaAlO}_3)_6/\text{KTaO}_3$ HS system.