

Figure S1. Potential energy curve (PECs) for the diffusion of Al on GR37 surface (x-axis direction). The values mean height of Al from GR (h in Å).

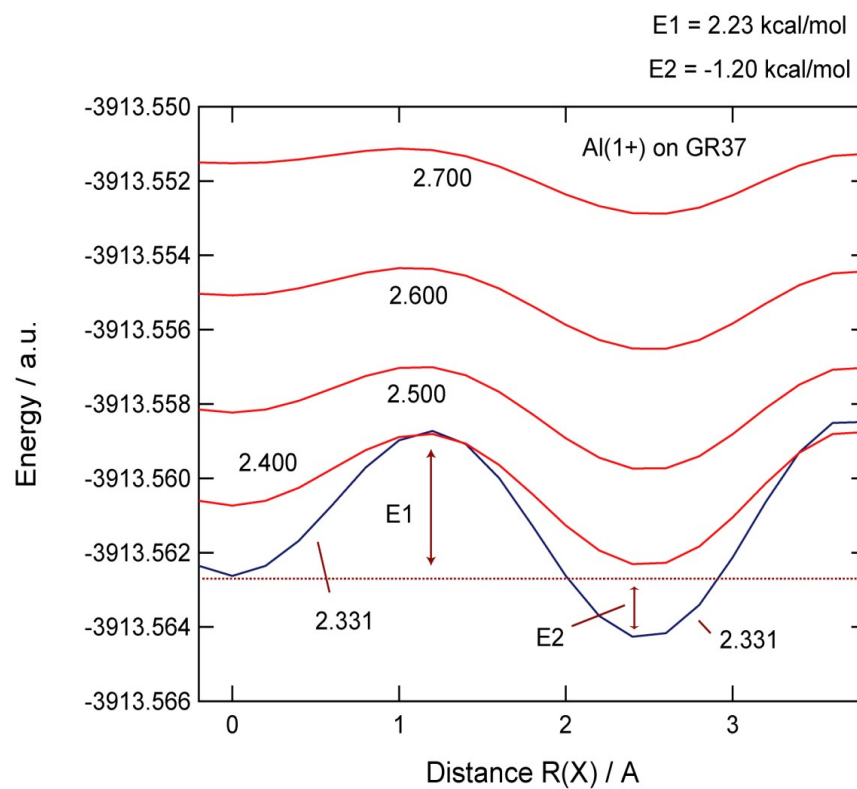


Figure S2. Potential energy curve (PECs) for the diffusion of Al^3 on GR37 surface (x-axis direction). The values mean height of Al from GR (h in Å).

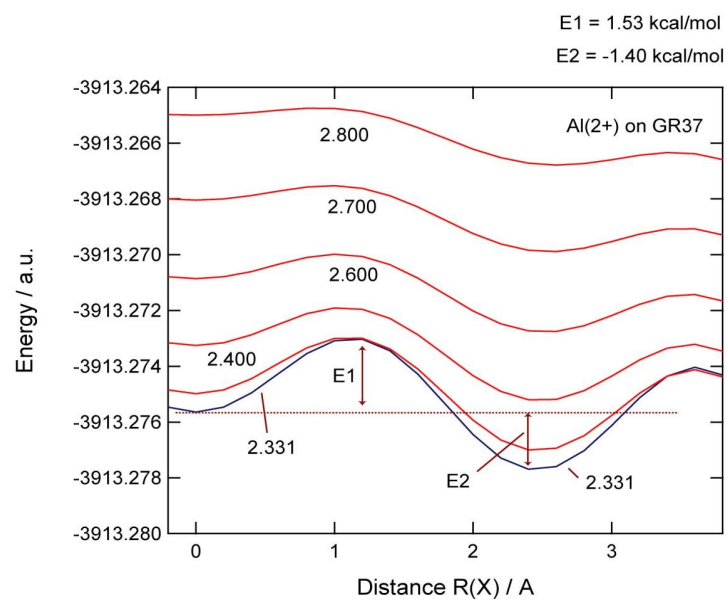


Figure S3. Potential energy curve (PECs) for the diffusion of Al^{2+} on GR37 surface (x-axis direction). The values mean height of Al from GR (h in Å). .