

Figure S1

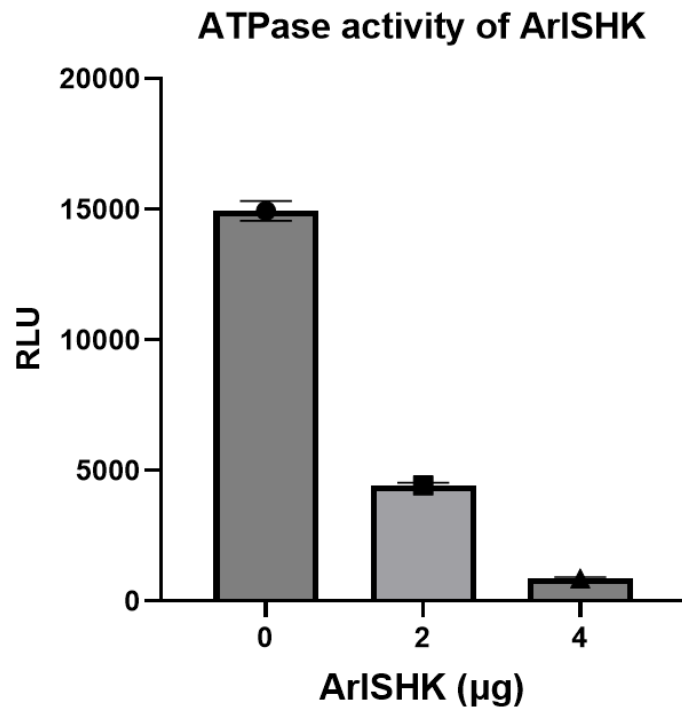


Figure S1. Detection of ATPase activity of the recombinant ArlSHK

The Kinase-Glo(R) Luminescent Kinase Assay (Promega) was used to detect ATPase activity of the purified ArlSHK. Briefly, 2 µg or 4 µg purified ArlSHK was mixed with 4 µM ATP in 50 µl reaction buffer, then incubated for 30 min at room temperature. Afterwards, the reaction mixture was added with 50 µl Kinase-Glo(R) Reagent and kept at room temperature for 10 min. The luminescence (RLU) indicating remaining ATP was recorded by a Victor X5 reader.