

Supplementary information

Adhesion GPCR Gpr126 (Adgrg6) Expression Profiling in Zebrafish, Mouse, and Human Kidney

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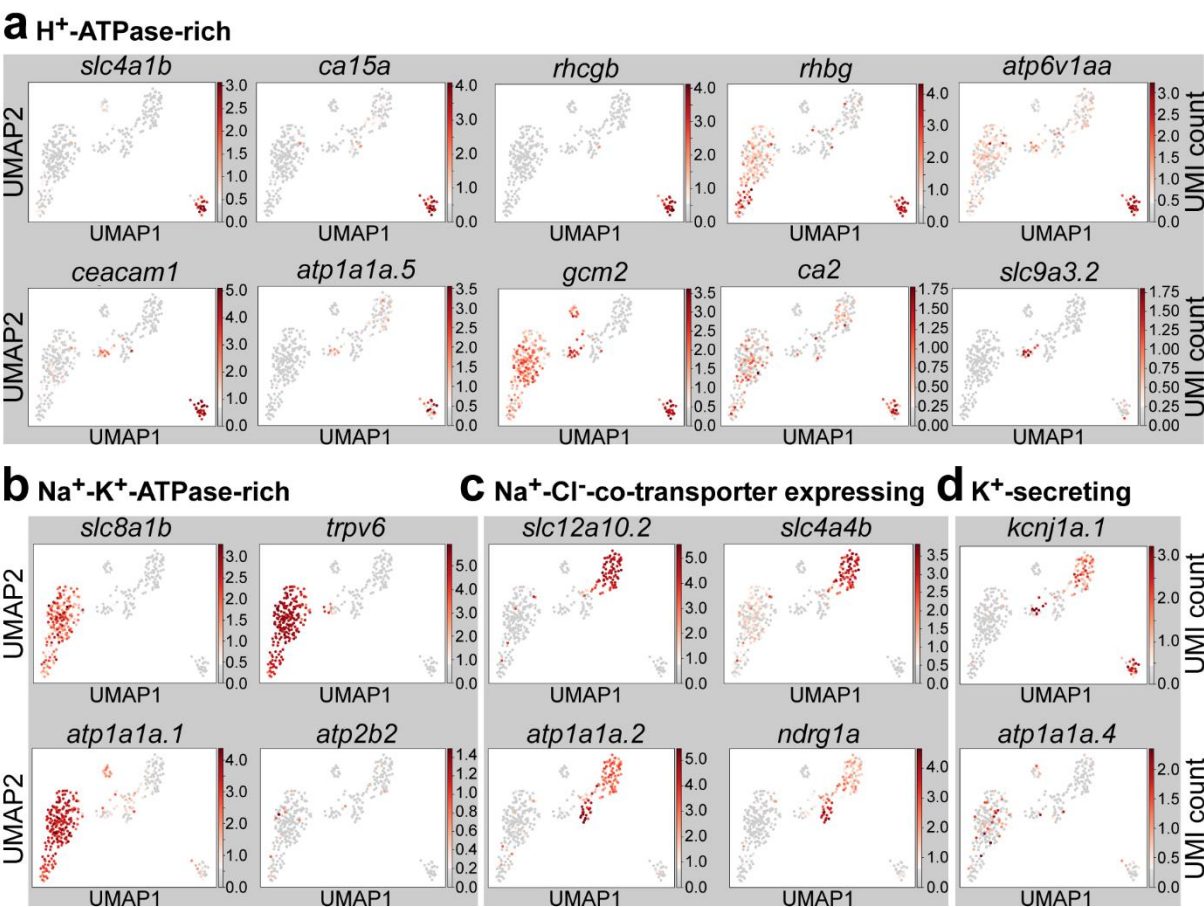


Figure S1. *gpr126* expression is detected in a sub-cluster of ionocytes. (a–d) UMAP plot of marker genes for ionocytes, whereby the normalized and scaled UMI (Unique Molecular Identifier) counts are colored in a scale from 0 UMI counts (gray) to the highest UMI count (dark red). The depicted genes are markers for (a) H^+ -ATPase-rich ionocytes (b) Na^+ - K^+ -ATPase-rich ionocytes (c) Na^+ - Cl^- -co-transporter expressing ionocytes (d) K^+ -secreting ionocytes.

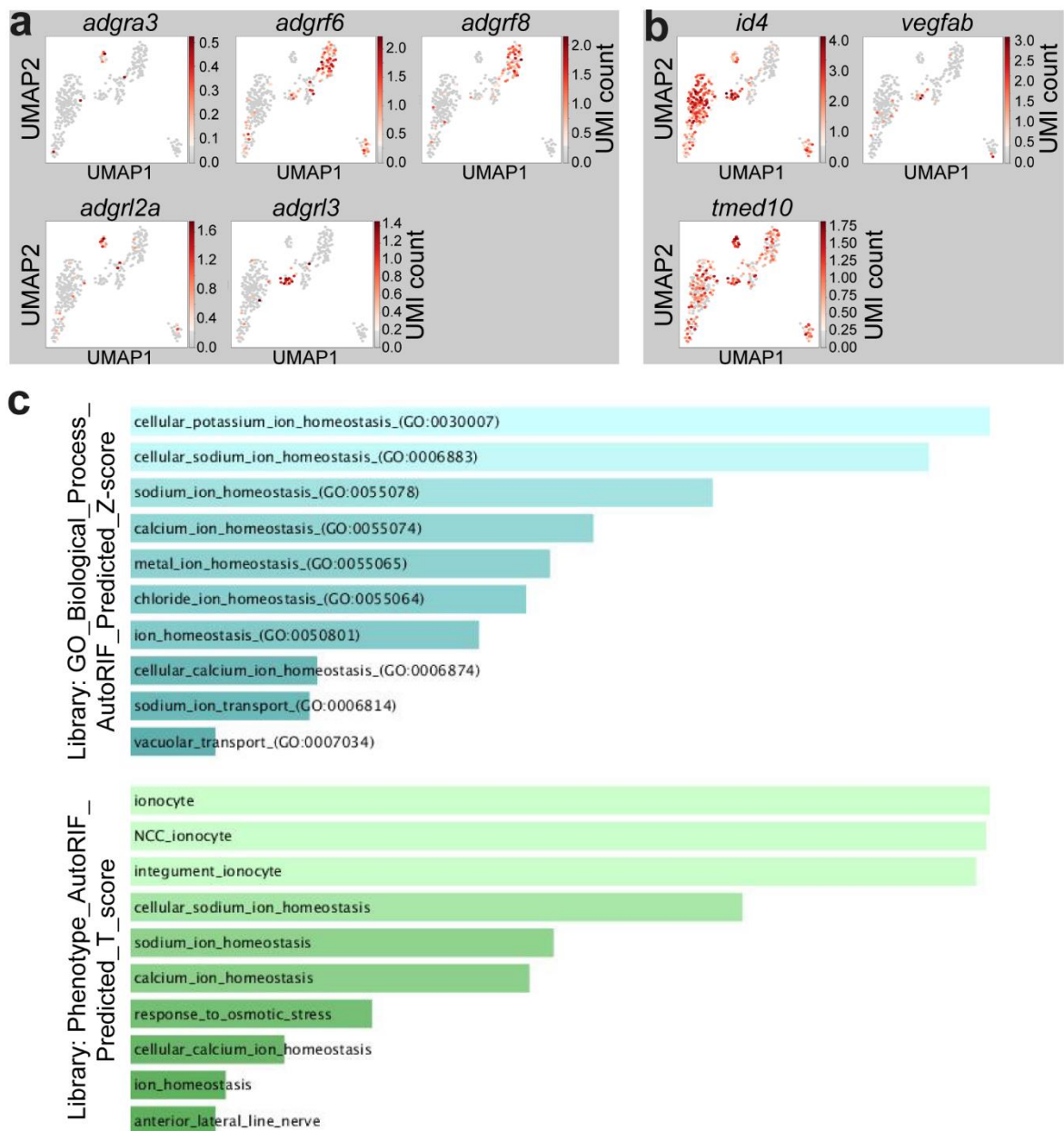


Figure S2. *gpr126* co-expression analysis. (a, b) UMAP plot of selected aGPCRs from Table S2 (a) and differentially expressed genes previously associated with *Gpr126* selected from Table S3 (b), whereby the normalized and scaled UMI (Unique Molecular Identifier) counts are colored in a scale from 0 UMI counts (gray) to the highest UMI count (dark red). (c) FishEnrichr analysis of differentially expressed genes comparing cells in which *gpr126* was detected versus cells that lack *gpr126* UMIs (Table S4, top 10).