

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: Source data for Fig. S9 (ATPase activity) and Fig. S15 (PSM secretion assays).

File name: Supplementary Movie 1

Description: Comparison of nucleotide free (open) and nucleotide bound (closed) states observed in the lateral access and extrusion mechanisms of PmtCD (left) and ABCA1.