Description of Additional Supplementary Files

GolpHCat (TMEM87A), a unique voltage-dependent cation channel in Golgi apparatus, contributes to Golgi-pH maintenance and hippocampus-dependent memory

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File Name: Supplementary Data 1

Description: Initial structures of the K^+ conformational dynamics of hTMEM87A obtained from GaMD simulations (frame 1491).

File Name: Supplementary Data 2

Description: Final structures of the K^+ conformational dynamics of hTMEM87A obtained from GaMD simulations (frame 1846).

File Name: Supplementary Data 3

Description: Initial structure of PE binding simulations of hTMEM87A (S1).

File Name: Supplementary Data 4

Description: Final structure of PE binding simulations of hTMEM87A (S7).