

Supplementary files

Higher-Order Structure of an Adeno-Associated Virus Serotype 8 by Hydrogen/Deuterium Exchange Mass Spectrometry

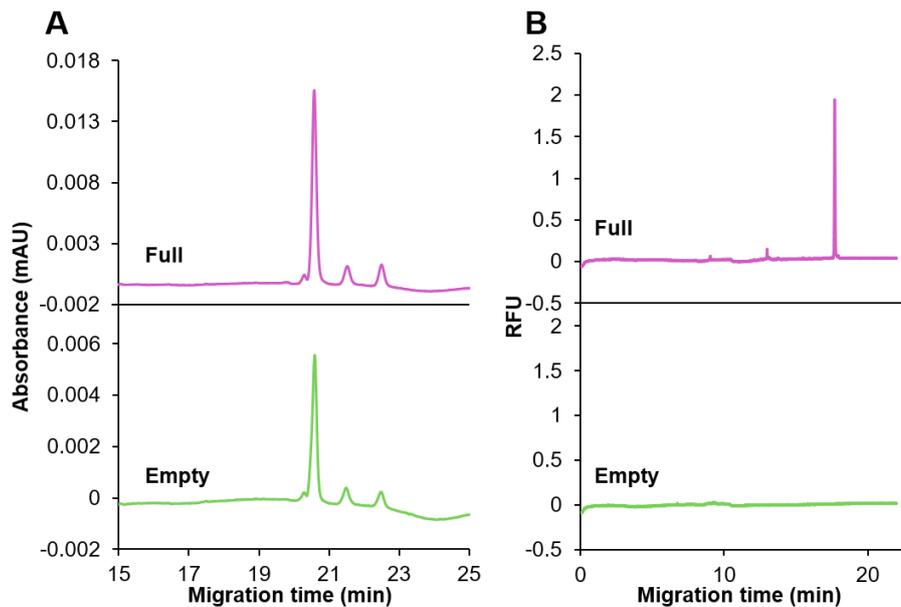
Tomohiko Ikeda ¹, Yuki Yamaguchi ¹, Hiroaki Oyama ¹, Aoba Matsushita ¹, Yasuo Tsunaka ¹, Mitsuko Fukuhara ¹, Tetsuo Torisu ¹, and Susumu Uchiyama ^{1,2,*}

¹ Department of Biotechnology, Graduate School of Engineering, Osaka University, 2-1 Yamadaoka, Suita, Osaka, Japan.

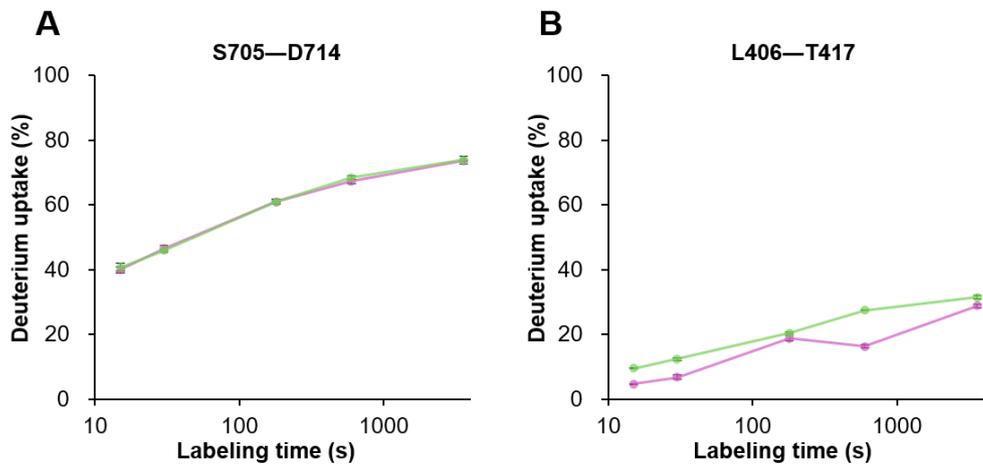
² Exploratory Research Center on Life and Living Systems (ExCELLS), National Institutes of Natural Sciences, 5-1 Higashiyama, Myodaiji, Okazaki, Aichi, 444-8787, Japan.

* Correspondence: suchi@bio.eng.osaka-u.ac.jp; Tel. +81-6-6879-4215

Supplementary figures



Supplementary Figure S1. rAAV8 sample characterization by capillary gel electrophoresis (CGE) with UV and LIF detector. (A) Electropherogram of CGE for the characterization of capsid proteins. (B) Electropherogram of CGE for the characterization of the encapsidated genome of capsid proteins. The results of upper panel are full sample (colored purple) and of lower panel are empty sample (colored green).



Supplementary Figure S4. Uptake plots of peptides derived from outer and inner surface of capsids. (A) Uptake plot of the S705–D714 peptides derived from outer surface of capsid of rAAV8 full in purple and empty in green capsids. (B) Uptake plot of the L406–T417 peptides derived from inner surface of capsid of rAAV8 full in purple and empty in green capsids.