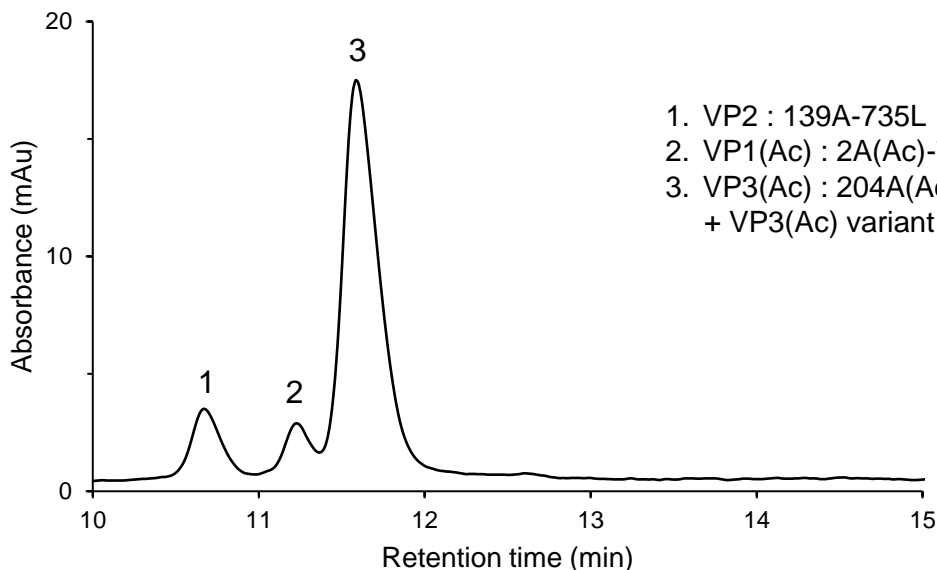


アデノ随伴ウイルス(AAV)  
Adeno-associated virus

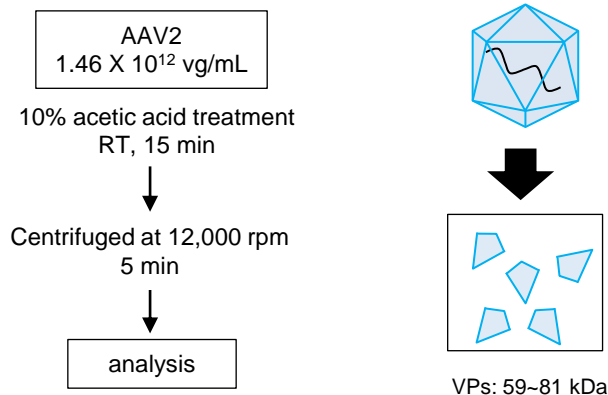
U220713A



1. VP2 : 139A-735L
2. VP1(Ac) : 2A(Ac)-735L
3. VP3(Ac) : 204A(Ac)-735L  
+ VP3(Ac) variant : 212A(Ac)-735L

\*Ac : acetylated

### Sample preparation



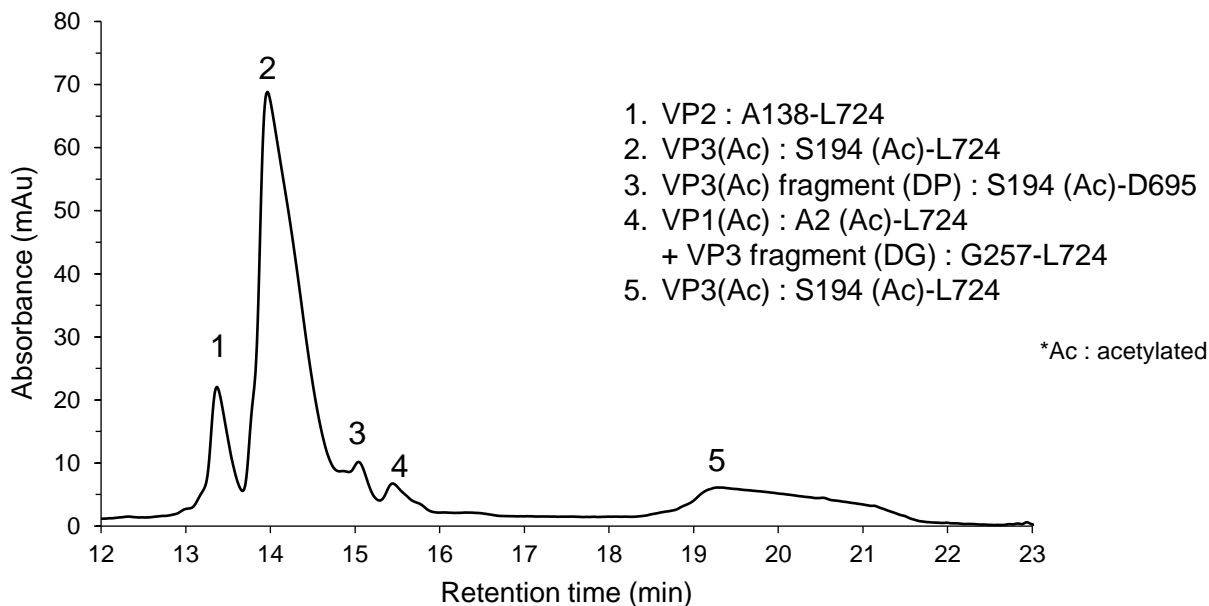
VPs: 59~81 kDa

Courtesy of Prof. S. Uchiyama, Osaka University  
This research was supported by AMED under Grant Number JP18ae0201001.

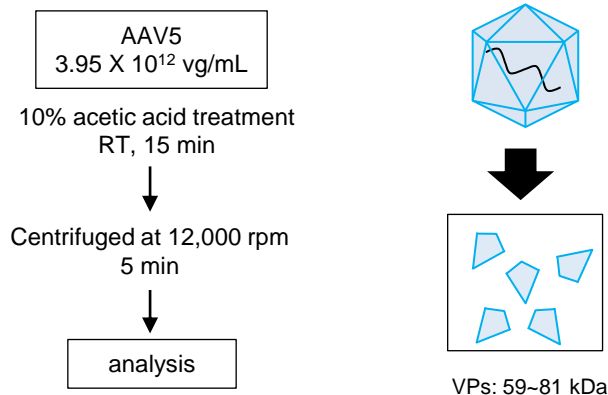
Column	: Accura Triart Bio C4 (1.9 $\mu$ m, 30 nm) 150 X 2.1 mmI.D.
Eluent	: A) water/difluoroacetic acid (100/0.1) B) acetonitrile/difluoroacetic acid (100/0.1) 20-32%B (0-1 min), 32-36%B (1-16 min), 36-80%B (16-20 min)
Flow rate	: 0.2 mL/min
Temperature	: 80°C
Detection	: UV at 280 nm ESI-MS (positive ion mode)
Injection	: 50 $\mu$ L
Sample	: Denatured AAV2

アデノ随伴ウイルス(AAV)  
Adeno-associated virus

U220713B



### Sample preparation



Courtesy of Prof. S. Uchiyama, Osaka University  
This research was supported by AMED under Grant Number JP18ae0201001.

Column	: Accura Triart Bio C18 (1.9 μm, 30 nm) 150 X 2.1 mmI.D.
Eluent	: A) water/difluoroacetic acid (100/0.1) B) acetonitrile/difluoroacetic acid (100/0.1) 20-32%B (0-1 min), 32-36%B (1-16 min), 36-80%B (16-20 min)
Flow rate	: 0.2 mL/min
Temperature	: 80°C
Detection	: UV at 280 nm ESI-MS (positive ion mode)
Injection	: 50 μL
Sample	: Denatured AAV5