## Table S1. Isolation History & Host Associations of Primate and Artiodactyl Adeno-Associated Viruses (with citations)

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **AAV Isolation history** | | | | **Ad Isolation history** | | | | | | **Main Association** |  |  |
| **Name1** | **Ref** | **Isolation Source** | **Year** | **Ad Strain(s)** | **Iso. Ref** | **Iso. Source** | **Cell culture system** | **Year2** | **Ad Host** |  | **Human** | **NHP** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| AAV-1 | [1] | Ad stocks | 1965 | Ad7 | [2] | Human tissue | MK, Human | 1953 | *H. sapiens* | OWM, Humans | High | Moderate |
| AAV-2 | [3] | Ad stocks | 1965 | Ad12, Ad7 | [2] | Human tissue | Human | 1953 | *H. sapiens* | Humans | Very high | Low |
| AAV-3 | [4] | Ad stocks | 1965 | Ad7 | [2] | Human tissue | AGMK | 1953 | *H. sapiens* | Humans | Moderate | Low |
| AAV-4\* | [5] | Ad stocks | 1968 | SV15 | [6] | Macaque cells | MK, AGMK | 1956 | *M. mulatta* | NHP | Very low | Very high |
| AAV-5 | [7] | Hu. Tissue (Cultured) | 1982 | *n/a* | | | | | | Humans\*\* | Moderate | Low |
| AAV-6 | [8] | Ad stocks | 1998 | Ad5 | [9, 10] | Human tissue | Tissue & Cells:Human | 1953 | *H. sapiens* | Humans | High | Low |
| AAV-7 | [11] | OWM Tissue (PCR) | 2004 | *n/a* | | | | | | Asian OWM | Low | Very high |
| AAV-8 | [11] | OWM Tissue (PCR) | 2004 | *n/a* | | | | | | Asian OWM | Low | Very high |
| AAV-9 | [11] | Hu. Tissue (PCR) | 2004 | *n/a* | | | | | | Humans | Moderate | Very high |
| AAV-10 | [12] | OWM Tissue (PCR) | 2004 | *n/a* | | | | | | Asian OWM | Moderate | Very high |
| AAV-11\* | [12] | OWM Tissue (PCR) | 2004 | *n/a* | | | | | | Asian OWM | Limited data | Low |
| AAV-12\* | [13] | Ad stocks | 2008 | SV18 (ATCC VR-943) |  | Vervet tissue | n/k | n/k | *C. aethiops* | African OWM | None | Limited data |
|  |  |  |  |  |  |  |  |  |  |  |  |  |
| BAAV\* | [14] | Ad stocks | 1970 | Bovine Ad | [15] | Bovine tissue | Bovine cells | 1957 | *B. taurus* | Cattle | n/d |  |

**Footnote**: **1**Bold type indicates isolates with M-wide.1 capsids. **2**Where multiple adenovirus stock are implicated, year of earliest obtained is shown. **Abbreviations**: AAV=adeno-associated virus; Ad=Adenovirus; PCR=polymerase chain reaction; NH=Non-human primates; OWM=Old World Monkeys; MK=monkey kidney cells; AGMK=African green monkey kidney cells; Hu.=Human; n/a = not applicable n/k= not known.

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