1. **PR8 plasmid clones**. We obtained a stock of PR8 from ATCC. We then cloned all 8 genomic segments from a viral supernatant into pHW2000. I can get you details if needed. I have pasted the table from our freezer database (this will help me find additional information if needed). The primary ABI files can be found with a little work. We have used these plasmids extensively, so I don’t think there are any issues with the clone (but they will differ from other published PR8 sequences). I am sending you what I think are the fasta files for these clones.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| plasmid | insert | clone | reference |  |  |  |
| pHW2000 | PR8-PB2 | 1-4 | Mariessa book p111, Matt book 3 p115 | | | |
| pHW2000 | PR8-PB1 | 2-1 | Mariessa book p111, Matt book 3 p115 | | | |
| pHW2000 | PR8-PA | 3-2 | Mariessa book p111, Matt book 3 p115 | | | |
| pHW2000 | PR8-HA | 4-D | Mariessa book p111, Matt book 3 p115 | | | |
| pHW2000 | PR8-NP | 5-1 | Mariessa book p111, Matt book 3 p115 | | | |
| pHW2000 | PR8-NA | 6-1 | Mariessa book p111, Matt book 3 p115 | | | |
| pHW2000 | PR8-M | 7-2 | Mariessa book p111, Matt book 3 p115 | | | |
| pHW2000 | PR8-NS | 8-2 | Mariessa book p111, Matt book 3 p115 | | | |

2. **HongKong/4801/2014 plasmid clones**. We obtained a stock of the virus from IRR. We passaged (possibly plaque purified) then cloned from a supernatant into pHW2000. I have pasted the table from our freezer database (this will help me find additional information if needed). I am pretty sure we used the following clones in our experiments (1-5, 2-1, 3-4, 4-7,5-8, 6-8, M-2, 8-2). I have sent the ABI files for these clones as well as the compiled fasta sequences (in word document – Matt saved it that way!).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| plasmid | insert | clone | reference |  |
| pHW2000 | Hong Kong - PB2 | **1-5** | book 5 p150 | |
| pHW2000 | Hong Kong - PB1 | **2-1**,2-3 | book 5 p150 | |
| pHW2000 | Hong Kong - PA | 3-3,**3-4** | book 5 p150 | |
| pHW2000 | Hong Kong - HA | **4-7**,4-8 | book 5 p150 | |
| pHW2000 | Hong Kong - NP | 5-7,**5-8** | book 5 p150 | |
| pHW2000 | Hong Kong - NA | 6-7,**6-8** | book 5 p150 | |
| pHW2000 | Hong Kong - M | **M-2** | book 5 p150 | |
| pHW2000 | Hong Kong - NS | 8-1,**8-2** | book 5 p150 | |

3. **Singapore/INFIMH-16-0019/2016 plasmid clones**. We are sending the HA and NA in pHW2000. We have the other 6 segments as TOPO clones and can provide as needed. The sequence files are for the exact clones we are sending (HA files are 3053508 and NA files are 3053512). We haven’t used this HA/NA to make virus yet, but will do it soon and can let you know our results.