**Table S1**

**Particle: Active Particle Ratios of Vectors**

|  |  |
| --- | --- |
| Vector Name | Pu/ffu Ratio |
| AdPyCSP1 | 6 |
| Adt.PyCSP.H(2-2) | 12 |
| Adt.PyCSP.H(5-43) | 31 |
| Adt.PyCSP.H(5-34) | 34 |
| Adt.PyCSP.H(43m-43) | 18 |
| Adt.PyCSP.H(43m-5) | 11 |
|  |  |
| AdL | 6 |
| Adt.L H(2-2) | 44 |
| Adt.L H(5-34) | 26 |
| Adt.L H(5-43) | 14 |
| Adt.L H(43m-5) | 16 |
| Adt.L H(43m-43) | 9 |
| Adt.L.H(43m-43).F35 | 11 |
| AdL.F35 | 12 |