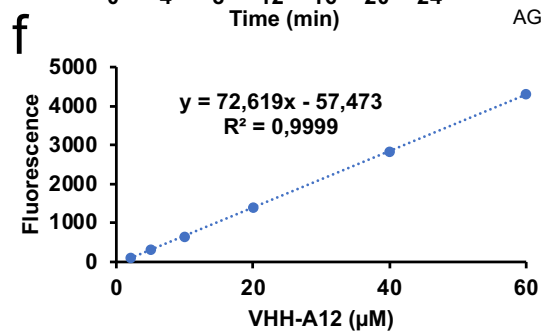


| | 1 | 2 | 3 | 4 | 5 | 6 |
|--|-------|-------|-------|-------|-------|-------|
| Molar ratio GGG/AGuIX NP ^a | 0.283 | 2.10 | 2.10 | 2.10 | 2.10 | 2.10 |
| A12 (μM) | 40 | 40 | 40 | 40 | 40 | 200 |
| GGG (μM) | 600 | 600 | 120 | 40 | 120 | 600 |
| SrtA7m (μM) | 2.5 | 2.5 | 2.5 | 2.5 | 5 | 25 |
| Equiv. GGG/A12 | 15 | 15 | 3 | 1 | 3 | 3 |
| Equiv. StrA7m/A12 | 0.063 | 0.063 | 0.063 | 0.063 | 0.125 | 0.125 |
| Ligation yield (/A12) (%) | 43 | 36.7 | 19.8 | 14.8 | 33.0 | 31.7 |
| Molar ratio Gd/A12 in final product | 301 | 90 | 43 | 15 | 18 | 18 |
| AGuIX NP/A12 in final product ^b | 20 | 6.0 | 2.8 | 1.0 | 1.2 | 1.2 |



| Conc VHH (μM) | Fluorescence |
|---------------|--------------|
| 60 | 4315 |
| 40 | 2829 |
| 20 | 1391 |
| 10 | 656 |
| 5 | 308 |
| 2 | 106 |

