**Table S1**. Mean relative fluorescence intensity for FFN206 for each YFP-VMAT1 variant.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 　 | 2018/6/25 | 2018/6/28 | 2018/8/6 | 2018/8/9 | 2018/8/13 |
| 130Glu/136Asn | 0.7487 | 0.9784 | 0.8562 | 0.9591 | 0.9918 |
| 130Glu/136Thr | 1.2277 | 0.9582 | 0.7428 | 0.9621 | 1.0823 |
| 130Gly/136Asn | 0.5763 | 0.8550 | 0.4949 | 0.6239 | 0.8010 |
| 130Gly/136Thr | 0.5068 | 0.6759 | 0.4627 | 0.5715 | 0.6423 |
| 130Gly/136Ile | 1.0710 | 1.0921 | 1.0345 | 0.8728 | 0.9296 |
| 130Gly/136Ile + reserpine | 0.3326 | 0.3080 | 0.2233 | 0.3440 | 0.2763 |
| YFP | 0.1933 | 0.1017 | 0.0977 | 0.2310 | 0.0931 |