|  |  |  |  |
| --- | --- | --- | --- |
| **C-terminal tagging with FSVS** | | | |
| **nAChR subunit** | **fragment** | **site** | **oligonucleotides sequence** |
| *nAChRα6* | 31 | 105\_\_Donor\_LHA\_Da6 | 5’CGGGCTAATTATGGGGTGTCGCCCTGTGCATGCAGAGAATGAAACC3’ |
|  | 106\_LHA\_Da6\_linker\_R | 5’CCTTGCACGATTATGTGCGGAGCTGAGAGCAGCACCGTAACCG3’ |
|  | 32 | 107\_linkerTag\_F | 5’GCTCTCAGCTCCGCACATAATCGTGCAAGGATCCGGCGGAGGGGGC3’ |
|  | 108\_RHDa6\_Tag\_R | 5’CTAATTCGAGCGTCCTTACTTTTCGAACTGGGGATGGC3’ |
|  | 33 | 109\_TG-RHA\_Da6\_F | 5’CCCCAGTTCGAAAAGTAAGGACGCTCGAATTAGGCC3’ |
|  | 110\_Donor\_RHDa6 | 5’AAATTTTGTGTCGCCCTTGAACTCGATTTGCGCTGCTTAGCTTCATCTG3’ |
| **C-terminal tagging with FSVS-loxP-3Px3DsRED-loxP using as a template donors with FSVS tags above (fragments 31-33)** | | | |
| **nAChR subunit** | **fragment** | **site** | **oligonucleotides sequence** |
| *nAChRα6* | 34 | 105\_\_Donor\_LHA\_Da6 | 5’CGGGCTAATTATGGGGTGTCGCCCTGTGCATGCAGAGAATGAAACC3’ |
|  | 114\_RHDa6\_Tag\_R | 5’CTTTTCGAACTGGGGATGGCTCCAAGCTCC3’ |
|  | 36 | 155\_Marker\_F1 | 5’CTTGGAGCCATCCCCAGTTCGAAAAGTAGTAAGGTACCGCGGGTATAAC3’ |
|  | 157\_Marker\_R1 | 5’GGCTCTTCTATATAACTTCGTATAGCATAC3’ |
|  | 36 | 165\_Da6\_F\_marker | 5’ATGCTATACGAAGTTATATAGAAGAGCCTAAGGACGCTCGAATTAGGCC3’ |
|  | 110\_Donor\_RHDa6 | 5’AAATTTTGTGTCGCCCTTGAACTCGATTTGCGCTGCTTAGCTTCATCTG 3’ |

## Supplementary Figure 8. C-terminal tagging of nAChRa6 with FSVS.