

S6 Table. Statistical analyses for S2 Table.

| | Di-heteromeric Receptors | | | | Tri-heteromeric Receptors | | | | |
|--|--------------------------|---------|-------------------------------|----------------------------|---------------------------|---------|---------------------------------|---|---|
| | ANOVA | | p value | | ANOVA | | p value | | |
| | F statistic | P value | N1/N2A vs N1/N2A- P552R | N1/N2A vs N1- P557R/N2A | F statistic | P value | N2A/N2A vs N2A- P552R/N2A | N2A/N2A vs N2A- P552R/N2A- P552R | N2A-P552R/N2A vs N2A-P552R/N2A- P552R |
| Amplitude (peak, pA/pF) | F (2,33) = 9.869 | 0.0004 | 0.0037 | 0.0018 | F (2,29) = 11.37 | 0.0002 | 0.0542 | 0.0001 | 0.2076 |
| Amplitude (SS, pA/pF)* | --- | --- | --- | 0.0073 | --- | --- | 0.0761 | --- | --- |
| I_{SS}/I_{PEAK}%* | --- | --- | --- | 0.0152 | --- | --- | 0.5758 | --- | --- |
| Rise time (ms) | F (2,35) = 143.9 | <0.0001 | <0.0001 | 0.9975 | F (2,39) = 1369 | <0.0001 | 0.9987 | <0.0001 | <0.0001 |
| t_{FAST} (ms) | F (2,35) = 44.7 | <0.0001 | <0.0001 | 0.0224 | F (2,39) = 118.5 | <0.0001 | 0.1479 | <0.0001 | <0.0001 |
| t_{SLOW} (ms) | F (2,19) = 6.178 | 0.0086 | 0.0068 | 0.8666 | F (2,22) = 8.969 | 0.0014 | 0.7856 | 0.0012 | 0.0061 |
| %t_{FAST} | F (2,35) = 6.432 | 0.0042 | 0.9517 | 0.0044 | F (2,39) = 2.988 | 0.062 | --- | --- | --- |
| t_w(ms) | F (2,35) = 93.03 | <0.0001 | <0.0001 | <0.0001 | F (2,39) = 147.9 | <0.0001 | 0.0045 | <0.0001 | <0.0001 |

* unpaired t-tests