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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Receptor** | **Animal number** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| GluK1 | Control (Vehicle-treated) | 1.498376 | 0.880320 | 0.758121 | 1.447041 | 0.8023511 | 0.8613007 | 0.6061233 | 3.215775 | 0.5153413 | 0.9955392 |  |  |
| Paclitaxel-treated | 0.8700076 | 1.317984 | 1.828423 | 0.7879631 | 1.154690 | 1.629699 | 0.957950 | 1.133360 | 1.364968 | 4.774832 | 0.6992919  |  |
| GluK2 | Control (Vehicle-treated) | 1.022720 | 1.008710 | 0.9693421 | 0.8769332 | 0.9945889 | 1.146542 | 0.6982828 | 2.432011 | 0.7479515 | 0.7872807 |  |  |
| Paclitaxel-treated | 0.7921494 | 1.915841 | 3.339760 | 1.624893 | 1.247701 | 2.710149 | 2.257572 | 2.243118 | 0.7649744 | 2.196211 | 1.422192  |  |
| GluK3 | Control (Vehicle-treated) | 0.8115146 | 1.019260 | 1.208979 | 0.8769332 | 0.9945889 | 1.146542 | 1.001593 | 3.427752 | 0.6803721 | 0.4281077 |  |  |
| Paclitaxel-treated | 2.750141 | 4.139593 | 3.915841 | 3.428369 | 1.247701 | 2.710149 | 2.257572 | 2.243118 | 1.771530 | 1.222976 | 2.250058  |  |
| GluK4 | Control (Vehicle-treated) | 0.993169 | 1.271952 | 0.7916005 | 1.324410 | 1.108839 | 0.6809402 | 1.413564 | 1.314111 | 0.6785314 | 0.793382 |  |  |
| Paclitaxel-treated | 2.000200 | 3.897668 | 2.797060 | 2.682065 | 0.2874999 | 0.691963 | 1.469406 | 1.374223 | 0.2752639 | 0.8187836 | 0.5639689 | 0.6303045 |
| GluK5 | Control (Vehicle-treated) | 0.7582904 | 1.215308 | 1.085121 | 1.153437 | 1.069317 | 0.8107743 | 0.7947534 | 2.090328 | 0.7175887 | 0.838837 |  |  |
| Paclitaxel-treated | 2.561145 | 3.350142 | 2.091332 | 2.472075 | 0.498583 | 1.816052 | 1.809455 | 2.564698 | 2.192048 | 5.506921 | 2.835879 | 4.332588 |

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**Relative expression of mRNA for kainate glutamate receptors subunits**