

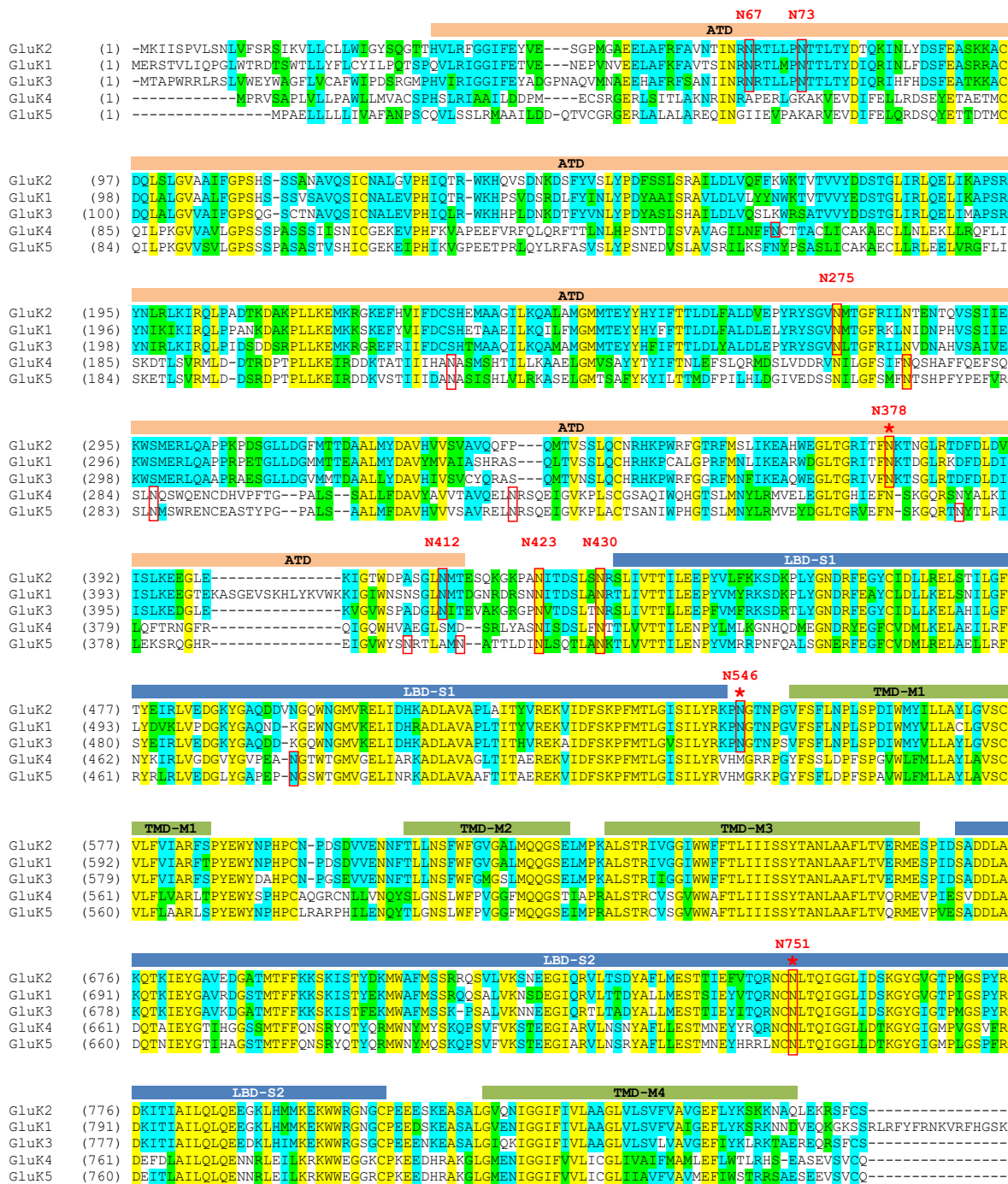
**Supplementary information**

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**Kainate receptor channel opening and gating mechanism**

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**Supplementary Figure 1. Sequence alignment of KAR subunits.** Boundaries of ATD, LBD and TMD for GluK2 are depicted by different color rectangles above the sequences. Glycosylation sites are indicated by red boxes and labeled. Glycosylation sites involved in ConA binding are also labeled by red stars.