**Excitatory Glycine Receptors and Methods of Using Same**

**OCR Number:** OCR 1381

**Description:**

The invention provides isolated N-methyl-D-aspartate type 3B (NR3B) polypeptides, functional fragments and peptides, encoding nucleic acid molecules and polynucleotides, and specific antibodies. Also provided are excitatory glycine receptors, containing either NR3B or NR3A polypeptides. Further provided are methods for detecting excitatory glycine receptor ligands, agonists and antagonists. The invention also provides related diagnostic and therapeutic methods.

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