

Abstract

5 The present invention belongs to the technical field of characterization of target analyte properties, and particularly provides a mutant of a porin monomer, a protein pore comprising same, and use thereof in the detection of a target analyte, wherein an amino acid of the mutant of the porin monomer comprises a sequence set forth in SEQ ID NO: 1 or a sequence having at least 99%, 98%, 97%, 96%, 95%, 90%, 80%, 70%, 60%, or 50% identity thereto, and the amino acid of the mutant of the porin monomer
10 comprises mutations at one or more positions corresponding to T71, S75, or F76 of SEQ ID NO: 1.

(No Figure)