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DES PRODUITS DE LA RECHERCHE APPLIQUÉE
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(54) Title: IN VIVO IMAGING OF AN ALS BIOMARKER AND MEANS THEREFOR

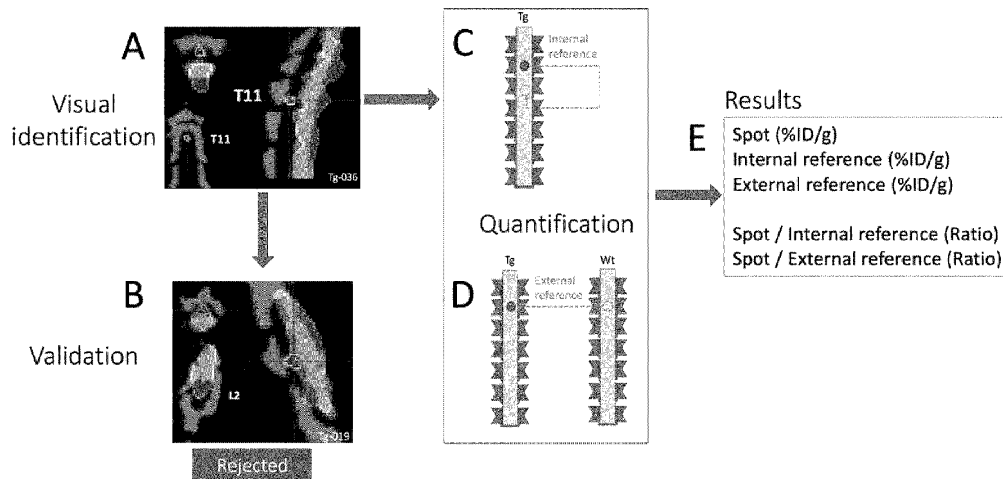


Fig. 1

(57) Abstract: Provided are labeled antibody conjugates for use in a method of diagnosing ALS or monitoring drug therapy and/or progression of ALS by in vivo detecting and tracing misfolded SOD1 by immunoimaging in a subject, compositions and kits comprising said conjugates and methods of in vivo immunoimaging of superoxide dismutase (SOD1) useful as a marker of amyotrophic lateral sclerosis (ALS) or efficacy of drug therapy of ALS in subject using these conjugates. Furthermore, SOD1-antibodies specific for misfolded and/or aggregated SOD1 are provided for use in treatment of bone and/or joint related diseases.

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