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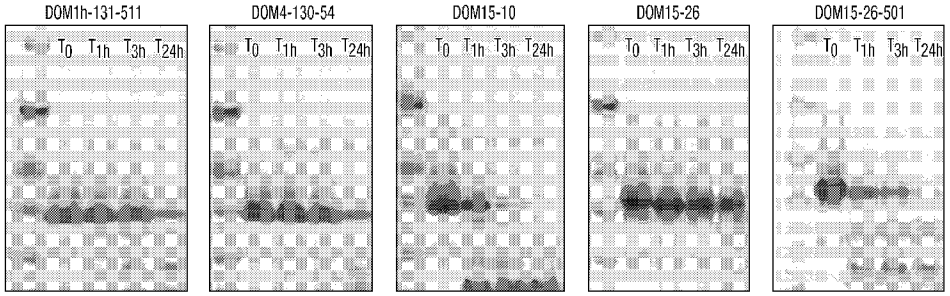
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(54) Title: METHODS FOR SELECTING PROTEASE RESISTANT POLYPEPTIDES

Fig.2.



(57) Abstract: The invention relates to a method for selecting, isolating and/or recovering a peptide or polypeptide from a library or a repertoire of peptides and polypeptides (e.g., a display system) that is resistant to degradation by a protease such as a protease found in the GI tract or pulmonary tissue of a human. Generally, the method comprises providing a library or repertoire of peptides or polypeptides, combining the library or repertoire with a protease under conditions suit able for protease activity, and selecting, isolating and/or recovering a peptide or polypeptide that is resistant to degradation by the protease and has a desired biological activity. The selected peptides and polypeptides have utility as therapeutics, eg for treating disease or conditions of GI tract or pulmonary tissue in humans.

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