FIG. 1

VECTIBIX D92 ISOMERIZATION DETECTED BY LYS-C PEPTIDE MAP, pH 5.8 AT 37°C FOR 6 MONTHS

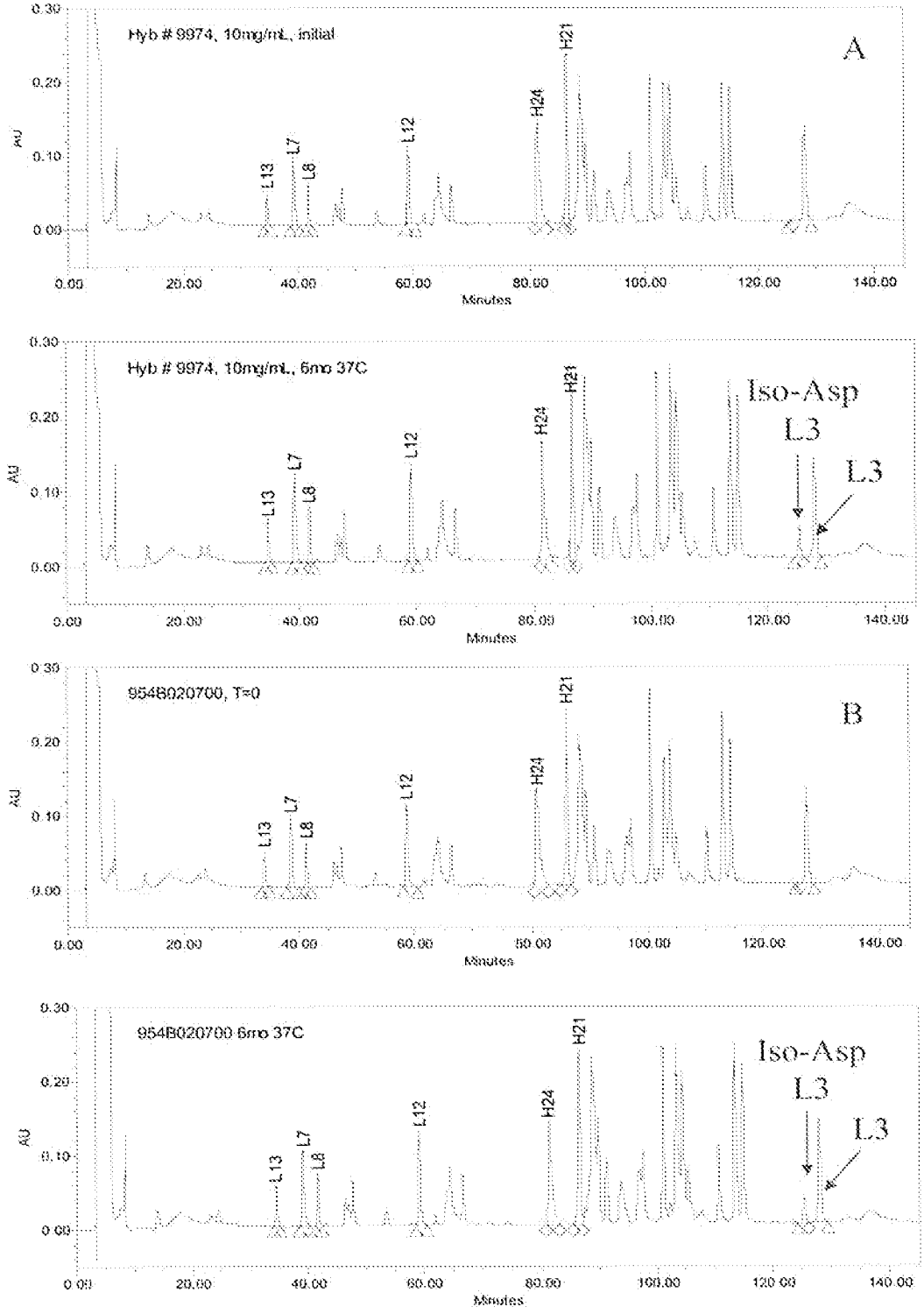


FIG. 2

STRUCTURAL MODEL OF LIGHT CHAIN D92, IsoD92, E92 AND N92 VARIANTS

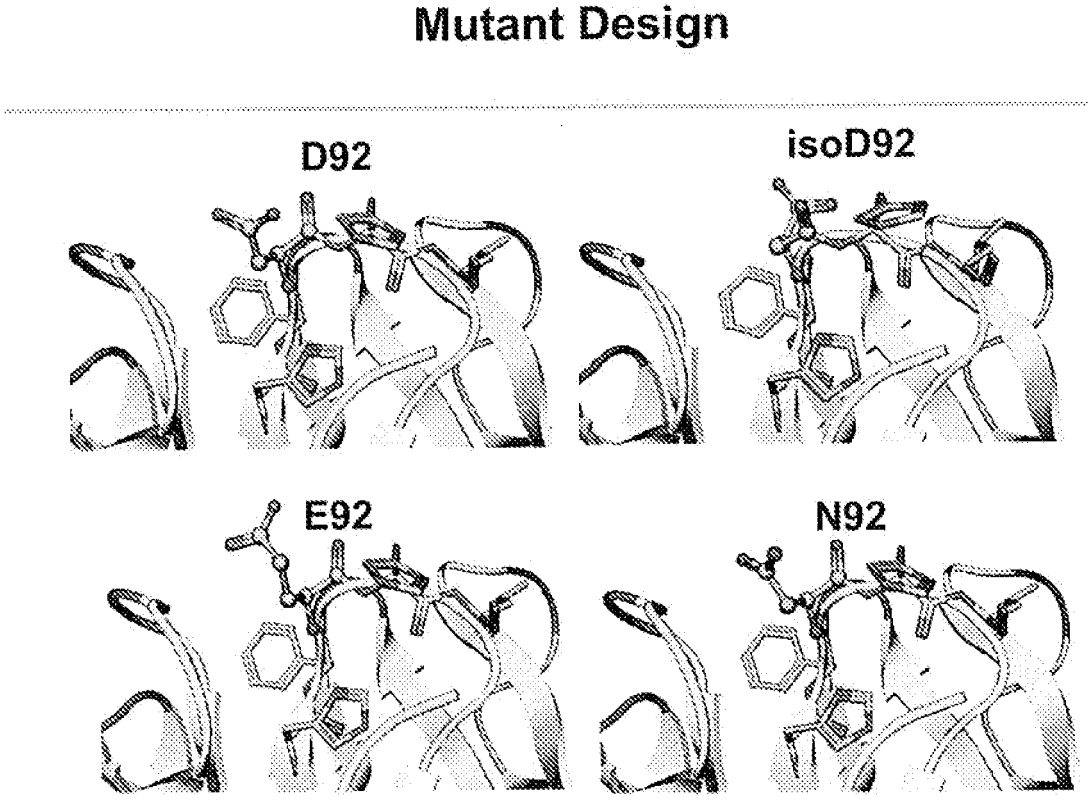


FIG. 3

ACCELERATED STABILITY DATA OF PANITUMUMAB MUTANTS AT 50°C, pH 5.0, T=0 AND 4 WEEKS (PEPTIDE MAP ANALYSIS)

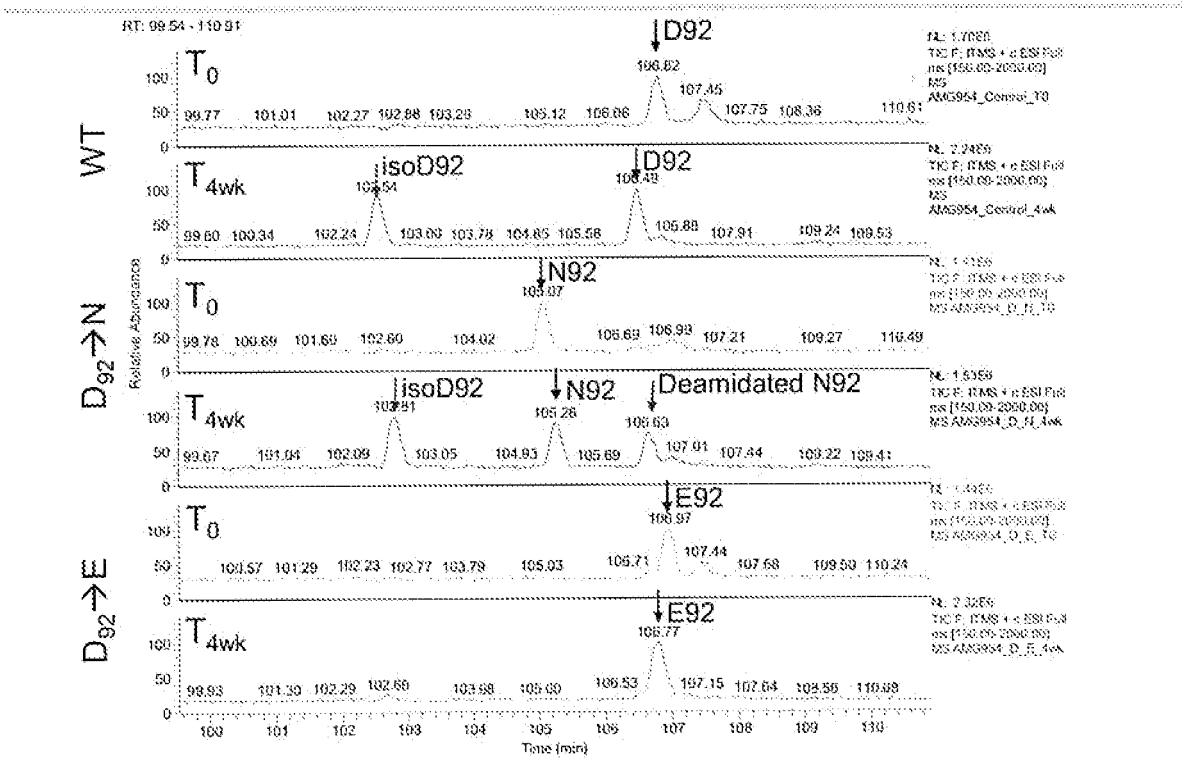


FIG. 4

POTENCY OF VECTIBIX MUTANTS IN CELL BASED ASSAYS

Bioassay - Potency

Sample	Phosphorylation %Potency	Gene Express %Potency
Wild Type	99 (4*)	105 (6)
D → E	115 (3)	102 (6)
D → N	90 (4)	79 (6)

* Number of measurements