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(71) Applicant: **REALTA LIFE SCIENCES, INC.** [US/US];
5665 Lowery Road #100, Norfolk, VA 23502 (US).

(72) Inventors: **KRISHNA, Neel, K.**; 4811 Pleasant Avenue,
Norfolk, VA 23508 (US). **CUNNION, Kenji**; 915 Larch-
mont Crescent, Norfolk, VA 23508 (US).

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(74) Agent: **DAVIS, Chris** et al.; Troutman Pepper Hamilton
Sanders LLP, 875 Third Avenue, New York, NY 10022
(US).

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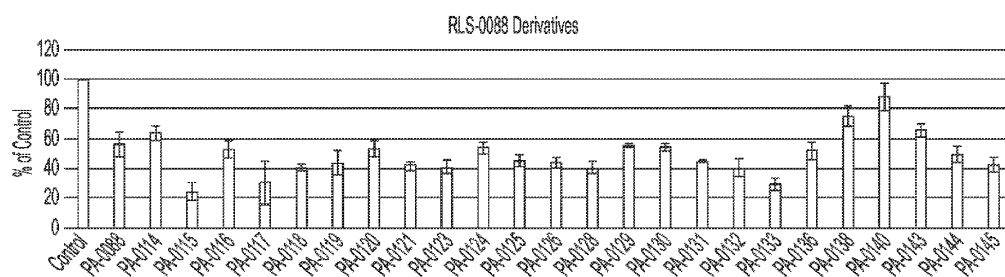


Figure 1A

(57) Abstract: The present invention provides synthetic peptides. The invention is directed to modifications of a synthetic peptide of 15 amino acids from the Polar Assortant (PA) peptide, which is a scrambled peptide derived from human astrovirus protein. In some embodiments, the invention is directed to peptides that are modifications of PA including sarcosine substitutions at certain amino acid positions that are stapled and/or have D-enantiomeric substitutions of certain amino acids. The invention further provides methods of selecting at least one synthetic peptide for treating various conditions.

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