

Figure 1.
Clustal O(1.2.4) alignment of CGRP sequences from multiple Species

Species	Sequence	SEQ ID NO
Human	ACDTATCTCTHRLAGLLSRSGGVVKNNFVPTNVGSKAF	1
Marmoset	ACDTATCTCTHRLAGLLSRSGGMVKNNFVPTNVGSEAF	2
Rat	SCNTATCTCTHRLAGLLSRSGGVVKDNFVPTNVGSEAF	3
Mouse	SCNTATCTCTHRLAGLLSRSGGVVKDNFVPTNVGSEAF	3
Horse	SCNTATCTCTHRLAGLLSRSGGVVKSNFVPTNVGSEAF	182
Chicken	ACNTATCTCTHRLADEFLSRSGGVGKNNFVPTNVGSKAF	183
Pig	SCNTATCTCTHRLAGLLSRSGGMVKSNFVPTNVGSEAF	184
Sheep	SCNTATCTCTHRLAGLLSRSGGVVKSNFVPTNVGSEQAF	185
Cow	SCNTATCTCTHRLAGLLSRSGGVVKSNFVPTNVGSEAF	186
Dog	SCNTATCTCTHRLAGLLSRSGGVVKNNFVPTNVGSEAF	187
Opossum	GCNTATCTCTHRLADEFLSRSGGVAKSDFVPTNVGAKAF	188
Geckko	ACNTATCTCTHRLADEFLSRSGGVGKSNFVPTNVGAKAF	189
Frog	SCDTSTCATQRLADEFLSRSGGIGSPDFVPTDVSA NSF	190
Pufferfish	ACNTATCTCTHRLADEFLSRSGGMGNSNFVPTNVGAKAF	191
Flounder	GCNTSTCTCTHRLADELLSRSGGLGYNNFVPTNVGAQAF	192
Goldfish	ACNTATCTCTHRLADEFLSRSGGIGSSKFVPTNVGSEQAF	193
Salmon	ACNTATCTCTHRLADEFLSRSGGMGNSNFVPTNVGSKAF	194
Medalea	ACNTATCTCTHRLADEFLSRSGGLGHSNFVPTNVGAQAF	195
Zebrafish	ACNTATCTCTHRLADEFLSRSGGIGSSDFVPTNVGSEQAF	196
.	*:*	

Figure 2
Pathways From Discovery to Commercialization of High Precision
Designer Vaccine Technology

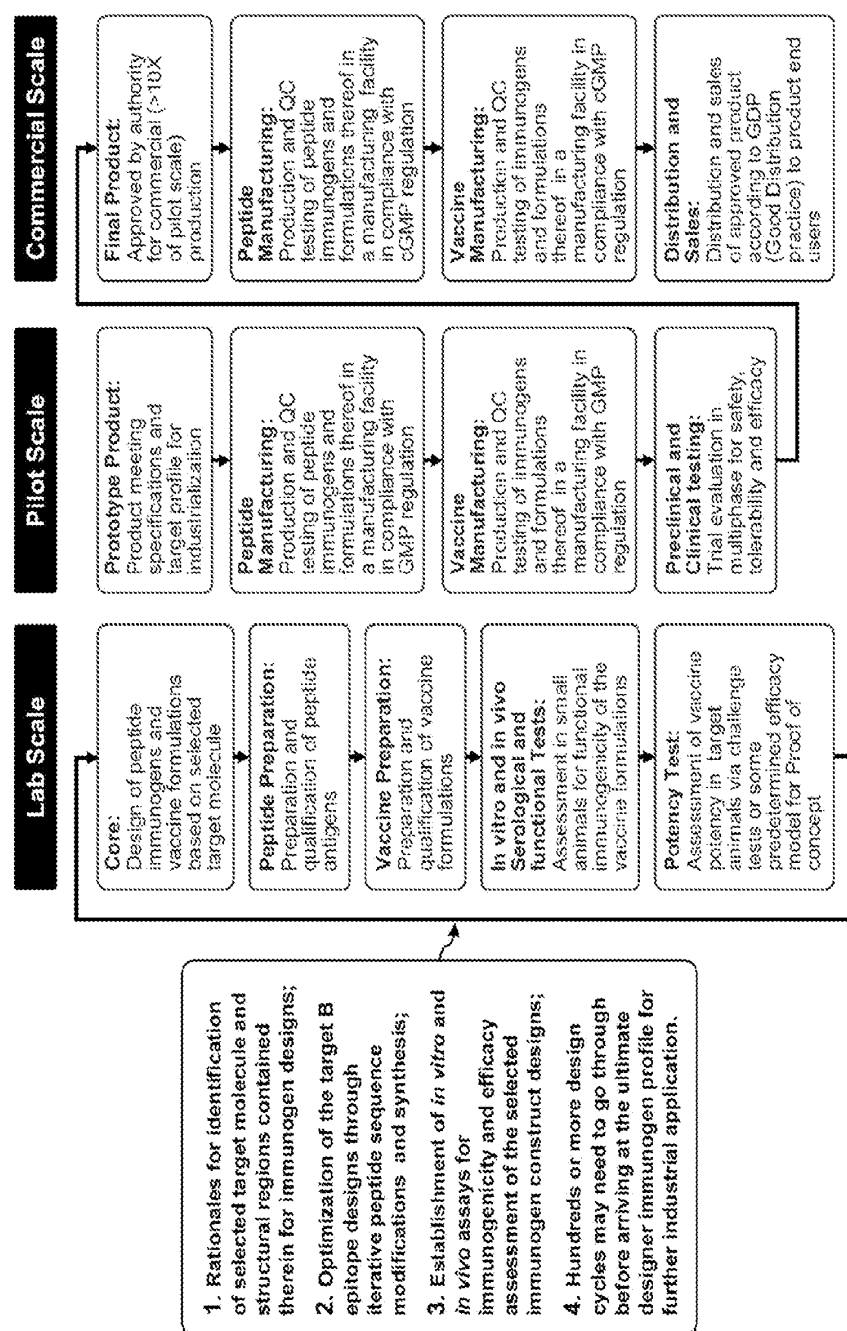


Figure 3

Immunogenicity Studies of CGRP Peptide Immunogen Constructs in Guinea Pigs

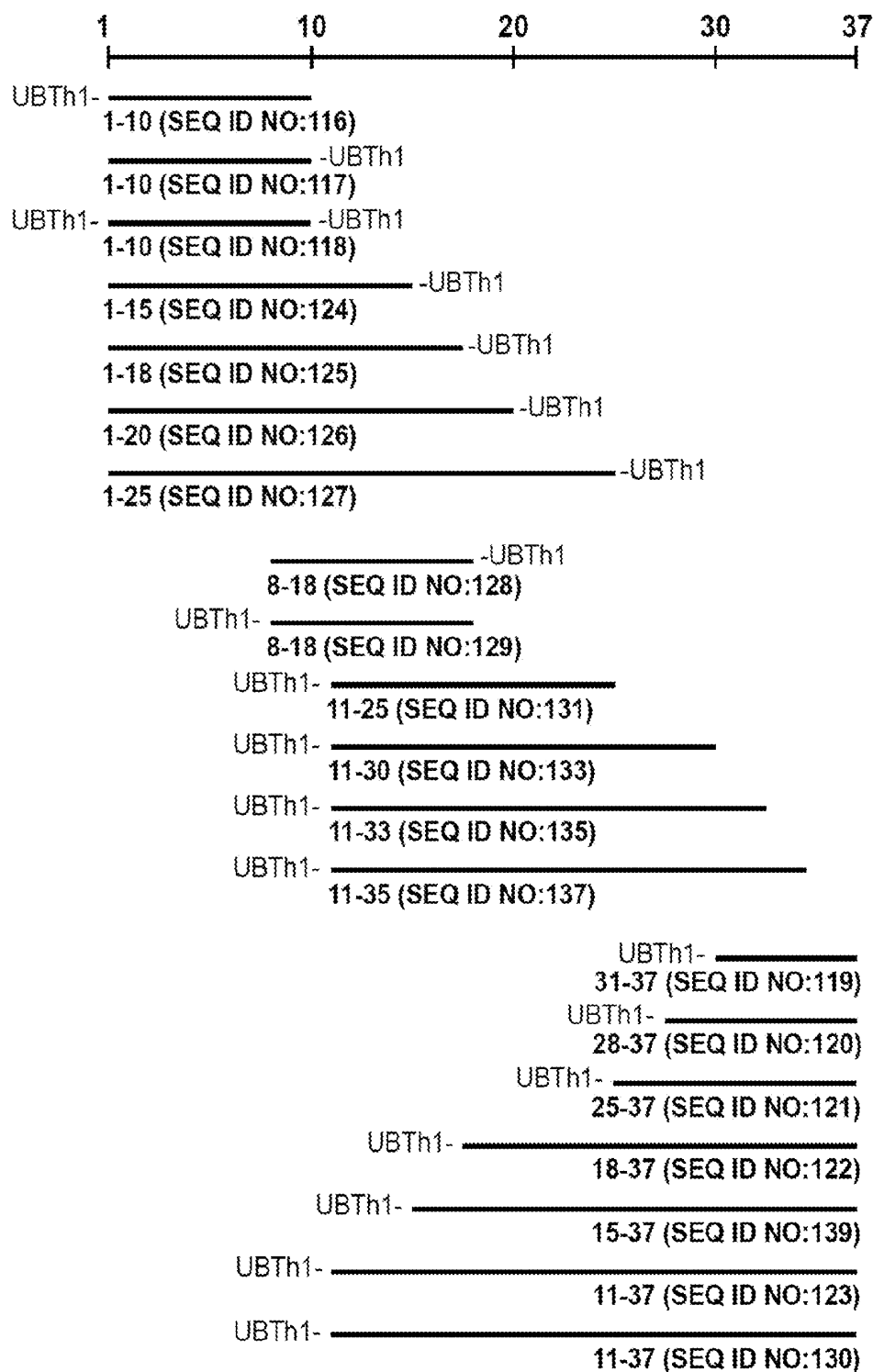


Figure 3 (Continued)
Immunogenicity Studies of CGRP Peptide Immunogen
Constructs in Guinea Pigs

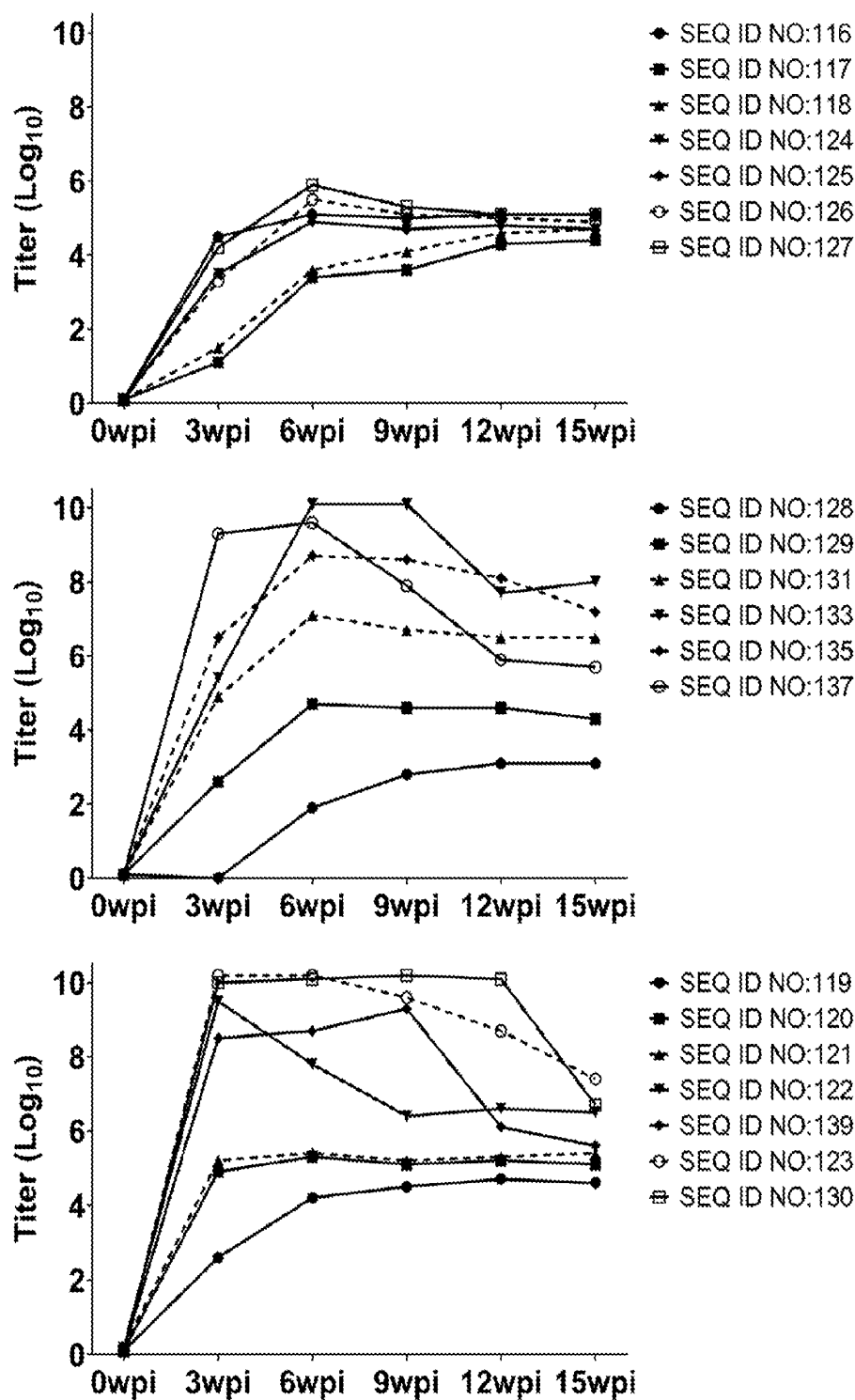


Figure 4
Neutralization Activities (expressed as IC50 of % cAMP) of Purified Antibodies from Guinea Pig Immune Sera of Representative CGRP Peptide Immunogen Constructs

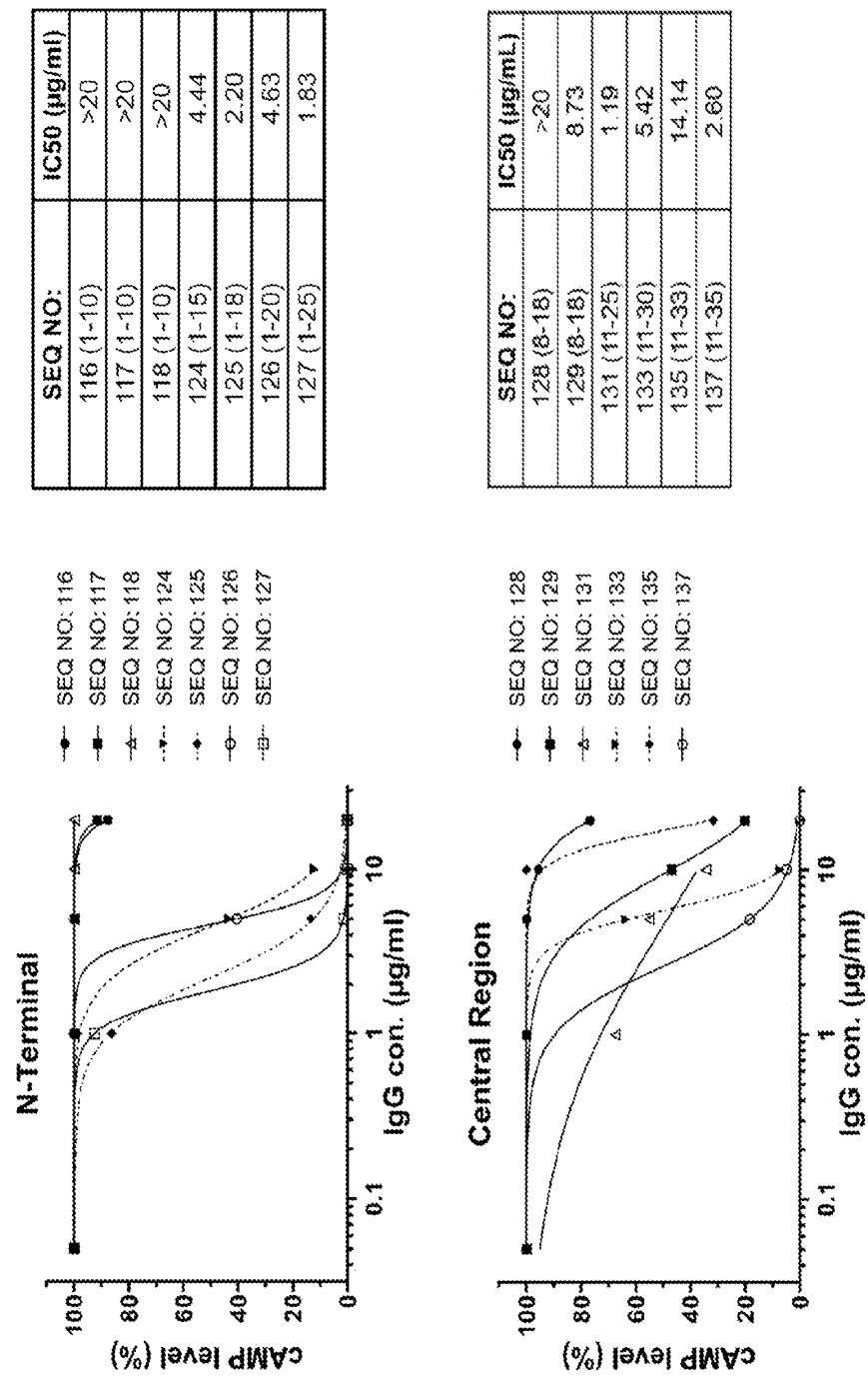


Figure 4 (Continued)
Neutralization Activities (expressed as IC50 of % cAMP) of Purified Antibodies from Guinea Pig Immune Sera of Representative CGRP Peptide Immunogen Constructs

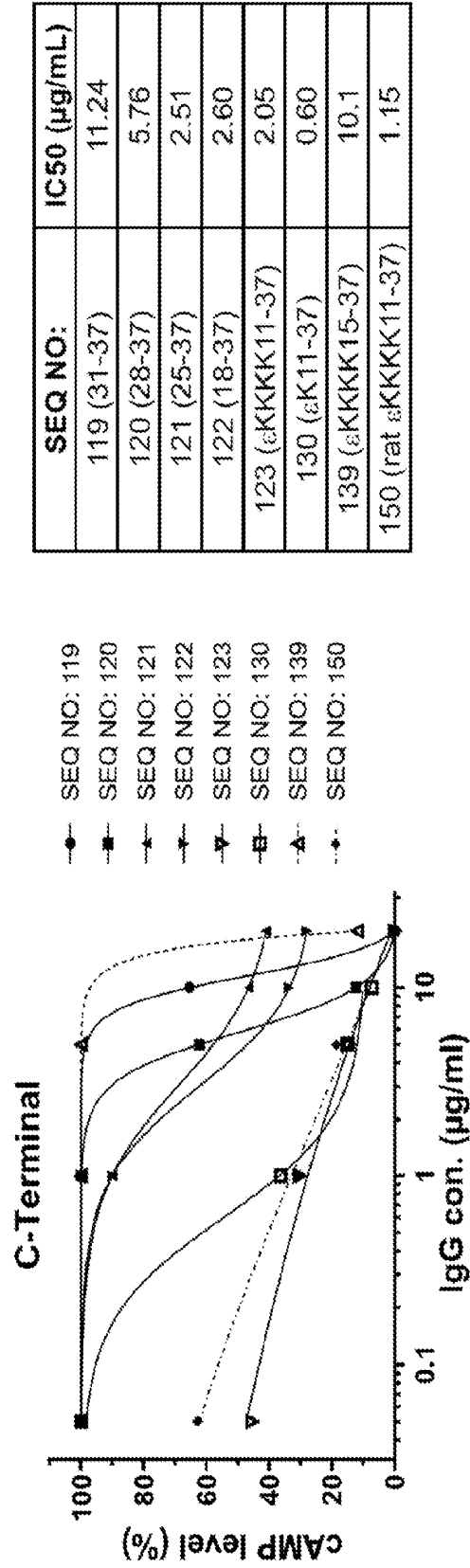


Figure 5.
Immunogenicity Study of Representative CGRP Peptide Immunogen
Constructs in Mice

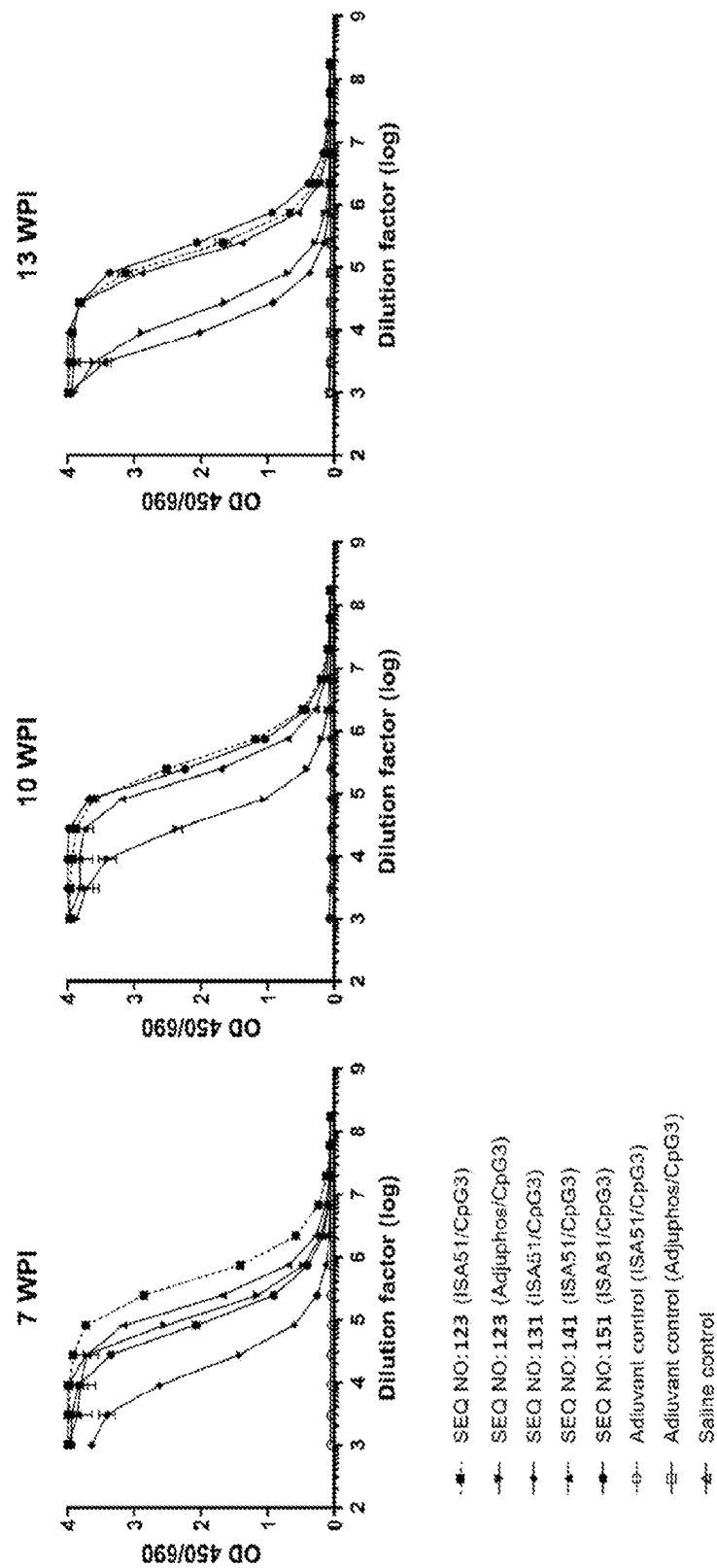


Figure 6.
Representative CGRP Peptide Immunogen Constructs and Formulations thereof in
a Proof of Concept Study in Mice for treatment of Migraine by measuring
Capsaicin-induced dermal blood flow

