

Figure 1

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Figure 2

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Figure 3

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Figure 4

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Figure 5

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Figure 6

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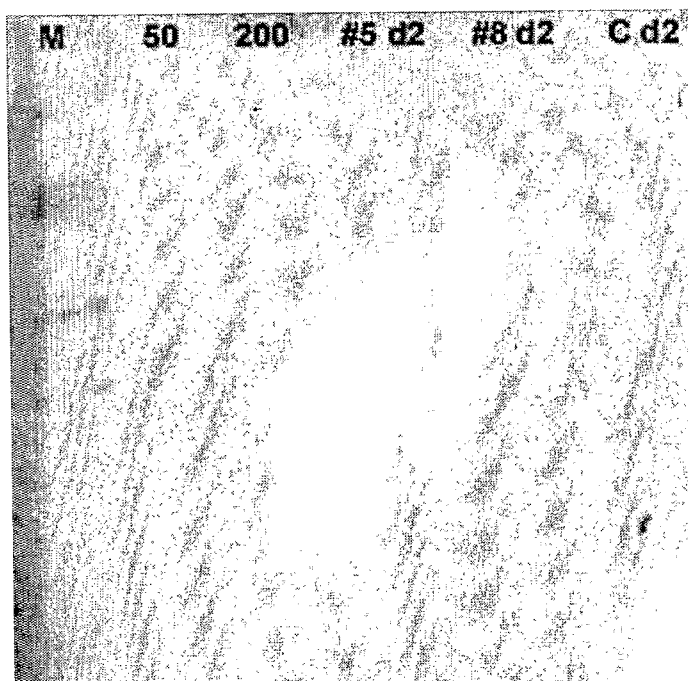


Figure 8

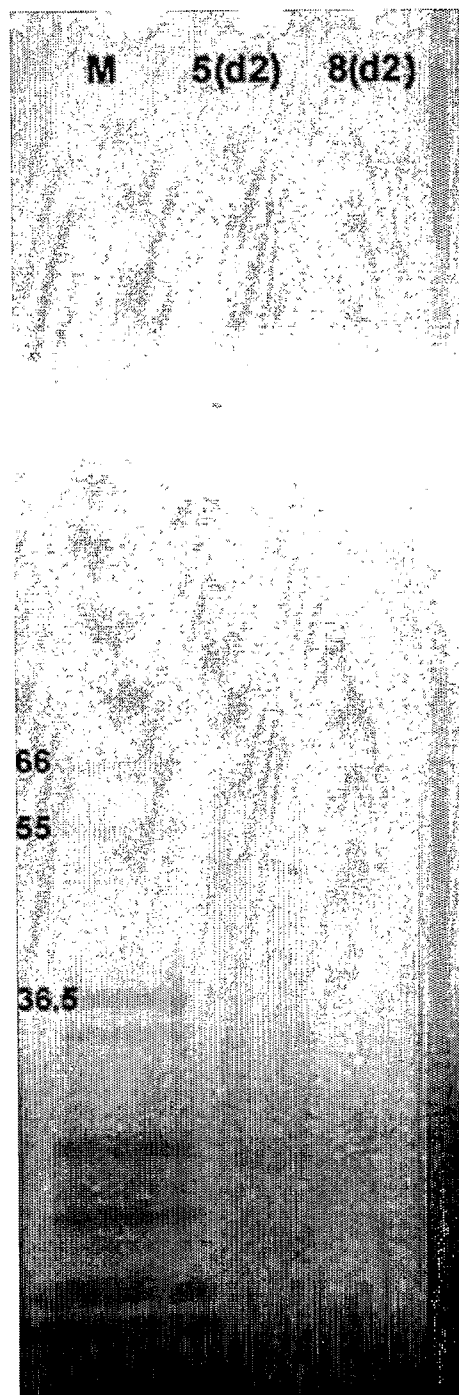
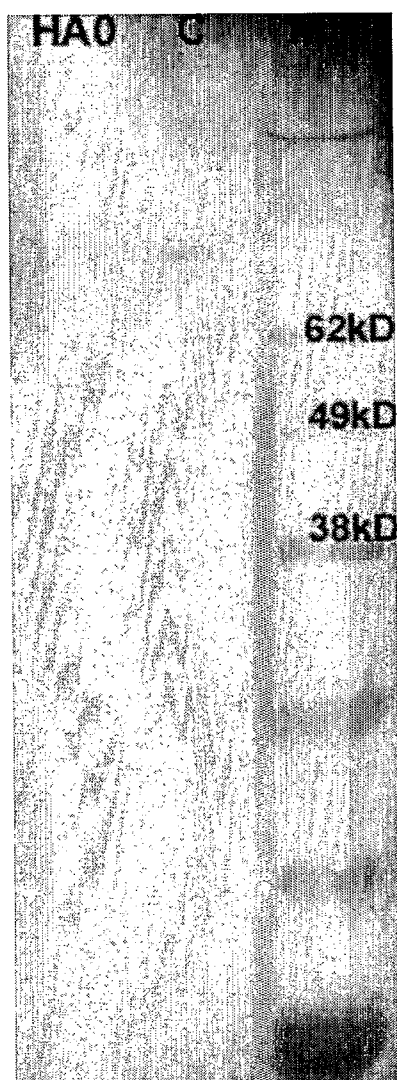


Figure 9



SEQUENCE LISTING

<110> NEUGENESIS CORPORATION
STUART, W. Dorsey
CAMBARERI, Edward B.

<120> METHODS AND COMPOSITIONS FOR COMBINATORIAL-BASED PRODUCTION
OF MULTIVALENT RECOMBINANT ANTIGENS

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 <212> PRT
 <213> Artificial Sequence

<220>
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  20          25          30
Ala Gly Lys Asn Thr Asp Leu Glu Ala Leu Met Glu Trp Leu Lys Thr
  35          40          45
Arg Pro Ile Leu Ser Pro Leu Thr Lys Gly Ile Leu Gly Phe Val Phe
  50          55          60
Thr Leu Thr Val Pro Ser Glu Arg Gly Leu Gln Arg Arg Arg Phe Val

```

65					70					75					80
Gln	Asn	Ala	Leu	Asn	Gly	Asn	Gly	Asp	Pro	Asn	Asn	Met	Asp	Arg	Ala
				85					90					95	
Val	Lys	Leu	Tyr	Lys	Lys	Leu	Lys	Arg	Glu	Ile	Thr	Phe	His	Gly	Ala
			100					105						110	
Lys	Glu	Val	Ala	Leu	Ser	Tyr	Ser	Thr	Gly	Ala	Leu	Ala	Ser	Cys	Met
		115					120						125		
Gly	Leu	Ile	Tyr	Asn	Arg	Met	Gly	Thr	Val	Thr	Thr	Glu	Val	Ala	Phe
		130				135						140			
Gly	Leu	Val	Cys	Ala	Thr	Cys	Glu	Gln	Ile	Ala	Asp	Ser	Gln	His	Arg
145					150					155					160
Ser	His	Arg	Gln	Met	Ala	Thr	Ile	Thr	Asn	Pro	Leu	Ile	Arg	His	Glu
			165						170					175	
Asn	Arg	Met	Val	Leu	Ala	Ser	Thr	Thr	Ala	Lys	Ala	Met	Glu	Gln	Met
		180						185					190		
Ala	Gly	Ser	Ser	Glu	Gln	Ala	Ala	Glu	Ala	Met	Glu	Ile	Ala	Asn	Gln
		195					200					205			
Ala	Arg	Gln	Met	Val	Gln	Ala	Met	Arg	Thr	Ile	Gly	Thr	His	Pro	Asn
210					215						220				
Ser	Ser	Ala	Gly	Leu	Arg	Asp	Asn	Leu	Leu	Glu	Asn	Leu	Gln	Ala	Tyr
225				230						235					240
Gln	Lys	Arg	Met	Gly	Val	Gln	Met	Gln	Arg	Phe	Lys				
			245						250						