

Figure 1

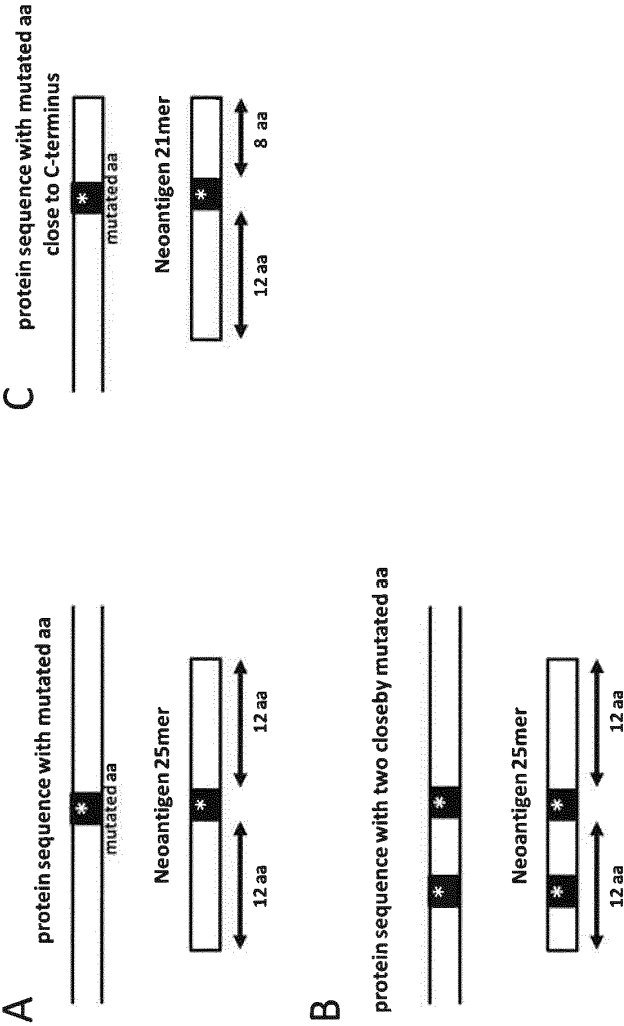


Figure 2B

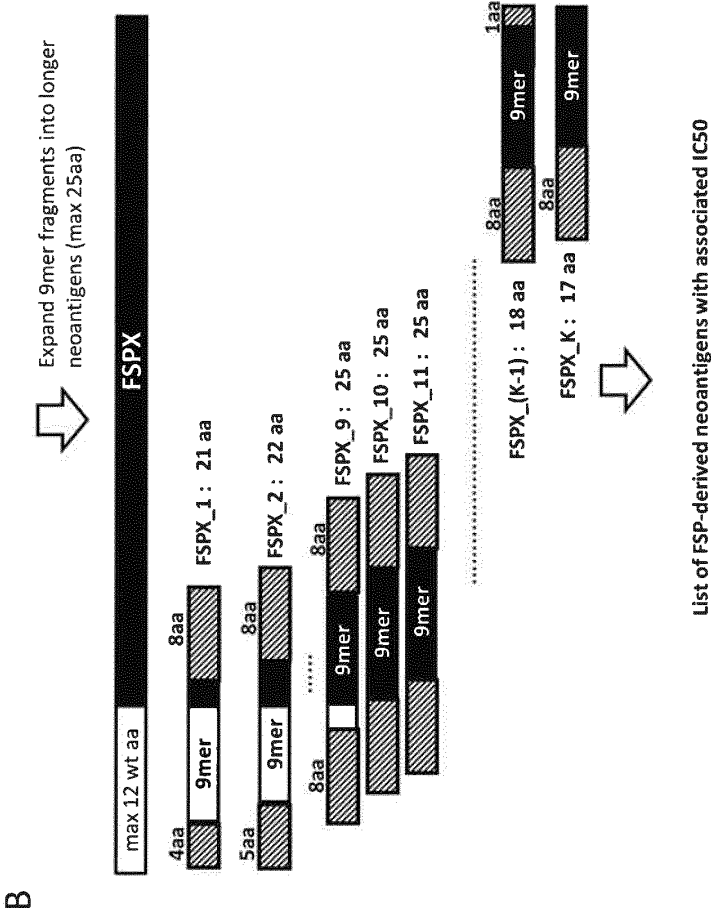


Figure 3

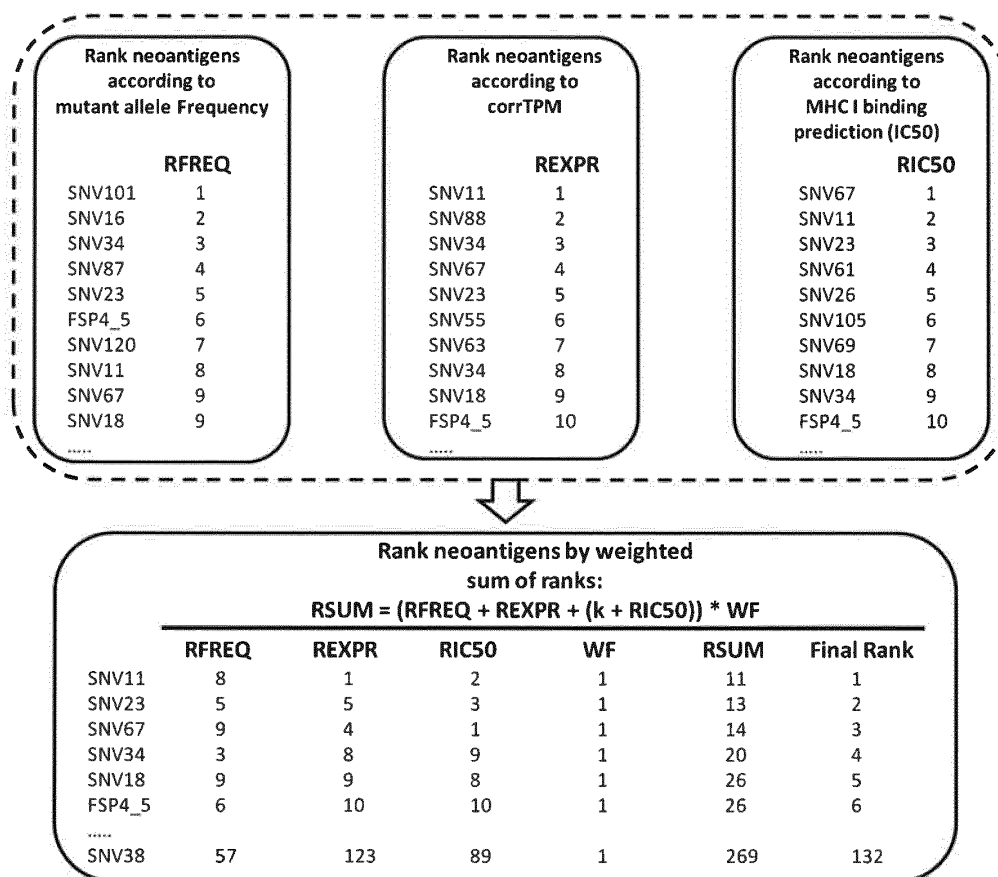


Figure 4

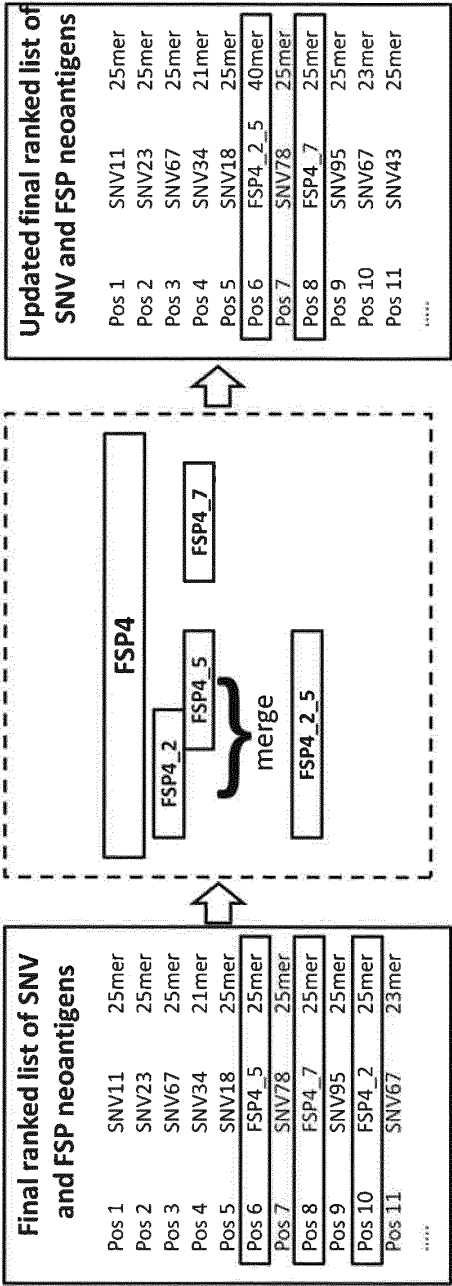


Figure 5

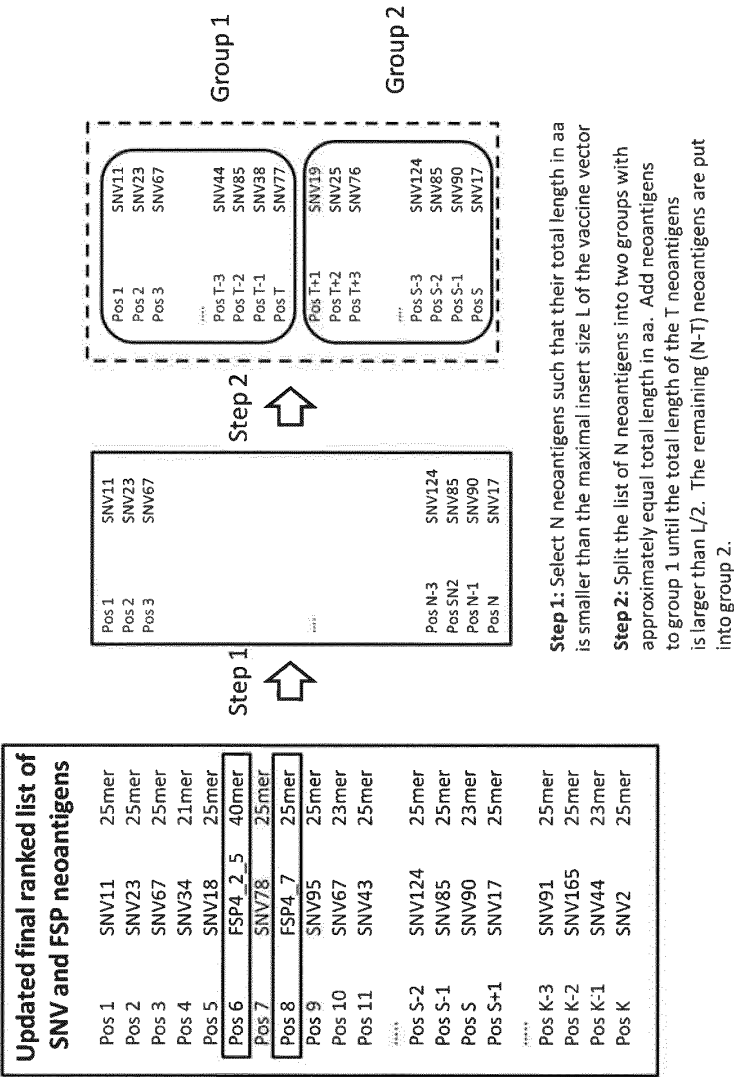


Figure 6

Merged FSP example 1:	
complete FSP chr11:1758971 (SEQ ID NO: 1) GSLSGYLSQDTVGALFVSVVSLCPGRCQSGEAGLWGGHQARHHLHRSQVRWHPGHGLPPLHQQAARLRQPDAAEAGGFEHLLLPQQGRCAANG	
GSLSGYLSQDTVGALFVSVVSLCPGRCQSG	merged FSP Pos 23 Final Rank (SEQ ID NO: 2)
GSLSGYLSQDTVGALFVSVVSLC	23 FSP-1_chr11:1758971 (SEQ ID NO: 3)
LSGYLSQDTVGALFVSVVSLCPGRC	53 FSP-4_chr11:1758971 (SEQ ID NO: 4)
SGYLSQDTVGALFVSVVSLCPGRCQ	59 FSP-6_chr11:1758971 (SEQ ID NO: 5)
YLSQDTVGALFVSVVSLCPGRCQSG	52 FSP-3_chr11:1758971 (SEQ ID NO: 6)
	(SEQ ID NO: 7) PGHGLPPLHQQAARLRQPDAAEA 54 FSP-5_chr11:1758971
	(SEQ ID NO: 8) 29 FSP-2_chr11:1758971 PEHLLLPQQGRCAANG
Merged FSP example 2:	
complete FSP chr6:168310205 (SEQ ID NO: 9) ARPPGVEDAGQAVGHILAQACVYRAVQCSR	merged FSP Pos 28 Final Rank
AREPGSVEDAGQAVGHILAQAC	31 FSP-15_chr6:168310205 (SEQ ID NO: 10)
EDAGQAVGHILAQACVYRAVQCSR	28 FSP-14_chr6:168310205 (SEQ ID NO: 11)

Figure 7A

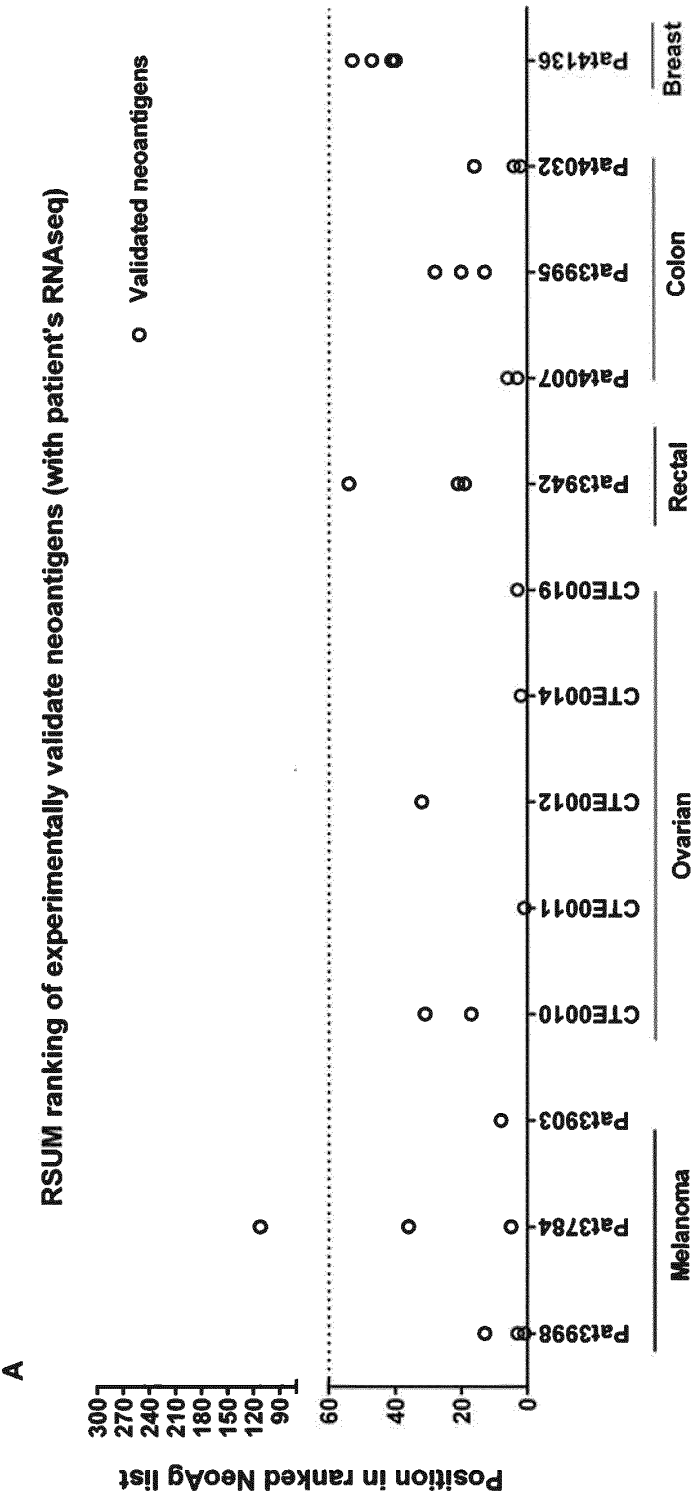


Figure 7B

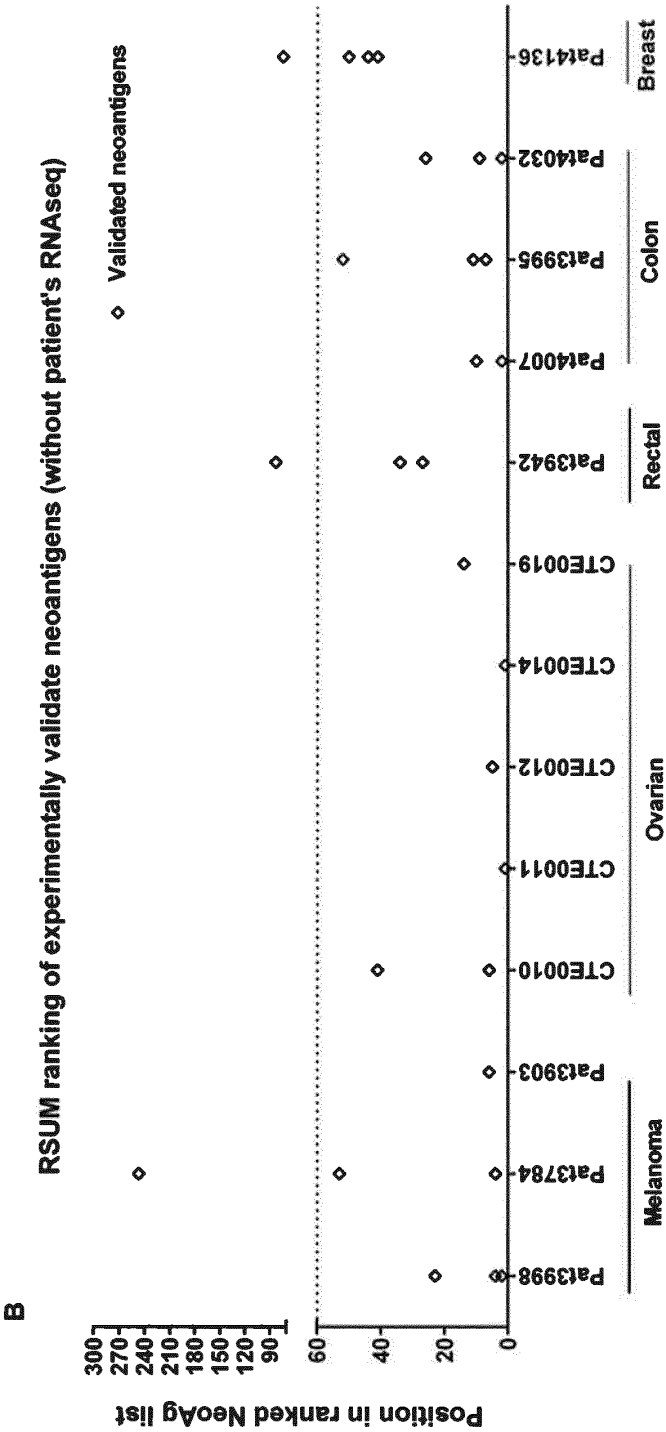


Figure 8

