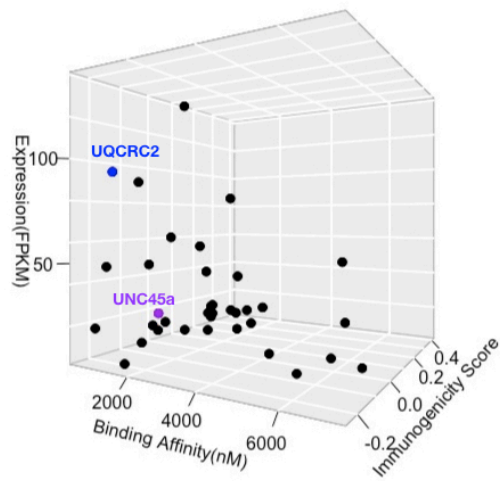


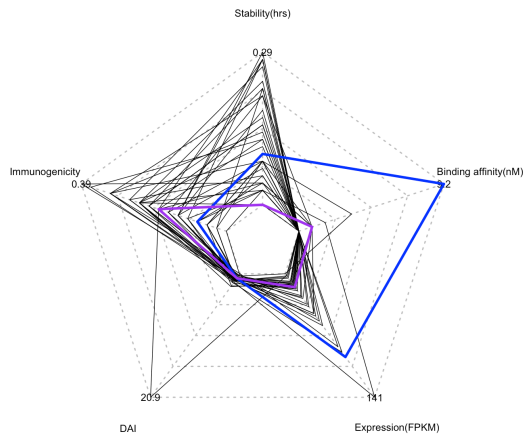
Supplementary table III: Long neo-antigen peptides

1	Uqcrc2	EIGSQALAAGSYMAPSTVLQQIDSVAD
2	Ap3d1	PVPFQLPPGVSNEPQFVFTIQSIVMAQ
3	Rpn1	YILFFTVIIYVRLEFSITKDPAAEARM
4	Exosc5	GSLACCLNAACMPLVDAGVPMRALFC
5	Tmem161a	VTVVSQYLTPLIFTLHCTLLLKTLGG
6	Ganab	VRWYQMGAYQPFQAHALDTGRREPW
7	Mrpl28	QAGAAEYRAYLEGECVEWLLRYLELG
8	Unc45a	MTFPGERIYEVVRSLSLLHLSCSGLQ
9	Zfp524	DGPQGSQSKRAPHFCVCLRAFPLYSD

A.



B.



Supplementary figure I. UQCRC2 and UNC45A predicted immunological factors. A.

Expression levels (FPKM), Predicted binding affinity (nM) and Immunogenicity score of predicted neo-antigen candidates were plotted in a 3 dimensional plot. **B.** Expression levels (FPKM), Predicted binding affinity (nM), predicted MHC-peptide stability (hour), Immunogenicity score and differential agreotopicity index of predicted neo-antigen candidates were plotted in a spider plot in log scale. UQCRC2 is in blue and UNC45a is in purple.