

Supplementary table 2. ROPN1/B peptides identified with immunopeptidomics.

SEQUENCE	SAMPLE	PREDICTED HLA SUPERTYPE ALLELES (NETMHCPAN 4.1 OR NETMHCCON 1.1)	POTENTIAL HLA MATCH (ACCORDING TO HLA TYPING)	PROTEIN	HLA TYPE	PRIDE
GEISASHV	T1015A_I, Mel-20_I	HLA-B40:01	T1015 (HLA-B40:01)	Q9HAT0 ROP1A	TYPE_I	PXD004894, PXD013649
SPRIPFSTF	OD5P_I, Mel-16_I, Mel-29_I, Mel-8_I	HLA-A26:01; HLA-B07:02; HLA-B08:01; HLA-B15:01	OD5P (HLA-B07:02; HLA-B15:01), Mel-16 (HLA-B07:02; HLA-B08:01), Mel-8 (HLA-B07:02; HLA-B08:01)	Q9HAT0 ROP1A	TYPE_I	PXD004894, PXD013649
FTQNPRVQL	T1185B_I	HLA-A26:01; HLA-B07:02; HLA-B08:01	T1185B (HLA-C03:04)	Q9HAT0 ROP1A	TYPE_I	PXD013649
FLYTYIAKV	Mel-25_I, T1185B_I	HLA-A02:01; HLA-B08:01	T1185B (HLA-A02:01)	Q9HAT0 ROP1A	TYPE_I	PXD004894, PXD013649
EISASHVSR	Mel-15_I, T1185B_I	HLA-A26:01	T1185B (HLA-A68:01)	Q9HAT0 ROP1A	TYPE_I	PXD004894, PXD013649
GVTITKTLK	Mel-15_I, Mel-39_I, Mel-36_I, Mel-8_I	HLA-A03:01	Mel-15 (HLA-A03:01), Mel-8 (HLA-A03:01)	Q9BZX4 ROP1B	TYPE_I	PXD004894
SALGVTITK	Mel-39_I, Mel-20_I, Mel-36_I, Mel-21_I, T1185B_I, Mel-41_I	HLA-A03:01	T1185B (HLA-A68:01)	Q9BZX4 ROP1B	TYPE_I	PXD004894, PXD013649
TVNDFTQNPR	T1185B_I	none	T1185B (HLA-A68:01)	Q9BZX4 ROP1B	TYPE_I	PXD013649
LPTDLFNSV	Mel-15_I, T1015A_I, Mel-39_I, Mel-35_I, Mel-25_I, Mel-4_I	HLA-B07:02; HLA-B08:01; HLA-B39:01	Mel-15 (HLA-B35:03), T1015A (HLA-B35:03)	Q9BZX4 ROP1B	TYPE_I	PXD004894, PXD013649
GLPRIPFSTF	Mel-27_I	HLA-A24:02; HLA-B07:02; HLA-B15:01	---	Q9BZX4 ROP1B	TYPE_I	PXD004894
EICASHVSR	T1185B_I	none	T1185B (HLA-A68:01)	Q9BZX4 ROP1B	TYPE_I	PXD013649

LPRIPFSTF	Mel-16_I, Mel-39_I, Mel-29_I, Mel-8_I	HLA-A26:01; HLA-B07:02; HLA-B08:01	Mel-16 (HLA-B07:02; HLA-B08:01), Mel-8 (HLA-B07:02; HLA-B08:01)	Q9BZX4 ROP1B	TYPE_I	PXD004894
LPTDLFNSVM	Mel-39_I	HLA-B07:02	---	Q9BZX4 ROP1B	TYPE_I	PXD004894, PXD013649
EVIGPDGLITV	Mel-38_I, ONVC_I	HLA-A02:01; HLA-A26:01	ONVC (HLA-A26:01)	Q9BZX4 ROP1B	TYPE_I	PXD004894, PXD013649
FTQNPRVWL	HLA-A2 ⁺ K562ABC+ROPN1B	none	---	Q9BZX4 ROP1B	TYPE_I	Current study
AELTPELLKI	HLA-A2 ⁺ MDA-MB- 231+ROPN1B	HLA-A02:01; HLA-B40:01; HLA-B40:02; HLA-B41:01; HLA-B41:02	NA	Q9BZX4 ROP1B	TYPE_I	Current study, PXD054804
LIIRAEELAQM	HLA-A2 ⁺ MDA-MB- 231+ROPN1B	HLA-A26:01	NA	Q9BZX4 ROP1B	TYPE_I	Current study, PXD054804