

## Summary of the peptides per antigen contained in the Pan-Psoriasis Select peptide pool:

Species	Gene	Antigen	#peps
Homo sapiens	ADAMTSL5	ADAMTS-like protein 5	2
Homo sapiens	ASH1L	Histone-lysine N-methyltransferase ASH1L	1
Homo sapiens	C2CD4A	C2 calcium-dependent domain-containing protein 4A	1
Homo sapiens	CAMP	Cathelicidin antimicrobial peptide	10
Homo sapiens	EZR	Ezrin	2
Homo sapiens	HEPACAM	Hepatocyte cell adhesion molecule	1
Homo sapiens	HSPB1	Heat shock protein beta-1	1
Homo sapiens	KRT10	Keratin, type I cytoskeletal 10	4
Homo sapiens	KRT12	Keratin, type I cytoskeletal 12	1
Homo sapiens	KRT13	Keratin, type I cytoskeletal 13	3
Homo sapiens	KRT14	Keratin, type I cytoskeletal 14	2
Homo sapiens	KRT15	Keratin, type I cytoskeletal 15	1
Homo sapiens	KRT16	Keratin, type I cytoskeletal 16	4
Homo sapiens	KRT17	Keratin, type I cytoskeletal 17	6
Homo sapiens	KRT5	Keratin, type II cytoskeletal 5	1
Homo sapiens	KRT6A	Keratin, type II cytoskeletal 6A	6
Homo sapiens	KRT6B	Keratin, type II cytoskeletal 6B	1
Homo sapiens	KRT8	Keratin, type II cytoskeletal 8	1
Homo sapiens	MLANA	Melanoma antigen recognized by T-cells 1	1
Homo sapiens	PRDX2	Peroxiredoxin-2	1
Homo sapiens	RASSF10	Ras association domain-containing protein 10	1
Homo sapiens	SERPINB5	Serpin B5	3
Homo sapiens	THEM6	Protein THEM6	1
Homo sapiens	TYR	Tyrosinase	1
Mus musculus	Krt23	Keratin, type I cytoskeletal 23	1
Streptococcus pyogenes	tig	Trigger factor	1
Streptococcus pyogenes	emm6	M protein, serotype 6	1
Streptococcus pyogenes		type 2 lanthipeptide synthetase LanM family protein	1
Streptococcus pyogenes	arp4	IgA receptor	2
Streptococcus pyogenes	emm12	M protein, serotype 12 (Fragment)	5
Streptococcus pyogenes	emm24	M protein, serotype 24	2
Synthetic		Mimotopes from PMID:26621454	7
Triticum aestivum		Alpha/beta-gliadin	2
Yersinia pestis	gshB	Glutathione synthetase	1
<b>Total</b>			<b>79</b>

