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(54) Title: ANTI-TUMOUR RESPONSES TO CYTOKERATINS

Figure 1A

P05787	K2C8_HUMAN	1	-----MSIRVTKSYKSVSTSGPRATSSRSYTSQPGSR	32
P05787-2	K2C8_HUMAN	1	MNGVSWSQDQEGISANFGFFASTPASTWSIRVTKSYKSVSTSGPRATSSRSYTSQPGSR	60
P05787	K2C8_HUMAN	33	ISSSFVRVCGSNFRGLGQYGGASQMGGITAVTVNQLLSPLVLEVDNPIQAVRTQEK	92
P05787-2	K2C8_HUMAN	61	ISSSFVRVCGSNFRGLGQYGGASQMGGITAVTVNQLLSPLVLEVDNPIQAVRTQEK	120
P05787	K2C8_HUMAN	93	EQIKTLNNKTFASIDKVRFEQQNRMLETKWSLLQCKTARSDMDMFESYINILNRQLE	132
P05787-2	K2C8_HUMAN	121	EQIKTLNNKTFASIDKVRFEQQNRMLETKWSLLQCKTARSDMDMFESYINILNRQLE	180
P05787	K2C8_HUMAN	153	TLGQERKLEAEALGNMQLVEDDFNKYEDEINKRTMENEFVLKKVDKADMMNVELES	212
P05787-2	K2C8_HUMAN	181	TLGQERKLEAEALGNMQLVEDDFNKYEDEINKRTMENEFVLKKVDKADMMNVELES	240
P05787	K2C8_HUMAN	213	RLEGITDEINFLRQLYEEETRELSQSIQSDTSVVLSDMNSRLEMDSIIEVFAQVEDIAN	272
P05787-2	K2C8_HUMAN	241	RLEGITDEINFLRQLYEEETRELSQSIQSDTSVVLSDMNSRLEMDSIIEVFAQVEDIAN	300
P05787	K2C8_HUMAN	273	RSFAEASMYQIKYEELQSLAGKSGDDLRKTETISEMNNRISRLQAEIEGLRGORASLE	332
P05787-2	K2C8_HUMAN	301	RSFAEASMYQIKYEELQSLAGKSGDDLRKTETISEMNNRISRLQAEIEGLRGORASLE	360
P05787	K2C8_HUMAN	333	ARIADAERGELAIKDANAKLSELAALQRAQDMARQREYQELMNVKALDIEIATYR	392
P05787-2	K2C8_HUMAN	361	ARIADAERGELAIKDANAKLSELAALQRAQDMARQREYQELMNVKALDIEIATYR	420
P05787	K2C8_HUMAN	393	KLEGEESRLESQMNMNSINTKTTSYAGGLSSAYGGLTSPGLSYSLGSSFGSGAGSSSF	452
P05787-2	K2C8_HUMAN	421	KLEGEESRLESQMNMNSINTKTTSYAGGLSSAYGGLTSPGLSYSLGSSFGSGAGSSSF	480
P05787	K2C8_HUMAN	453	SRTSSSRVVVKKIETRDGKLVSESSDVLPK (SEQ ID NO: 24)	483
P05787-2	K2C8_HUMAN	481	SRTSSSRVVVKKIETRDGKLVSESSDVLPK (SEQ ID NO: 25)	511

(57) Abstract: The present invention relates to citrullinated Cytokeratin peptides that can be used in cancer immunotherapy. The modified peptides may be used as vaccines or as targets for T cell receptor (TCR) and adoptive T cell transfer therapies. Such vaccines or targets may be used in the treatment of cancer.

[Continued on next page]

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