

Truncated Peptides	TCL												TCC			
	Pat. 1		Pat. 2		Pat. 3		Pat. 4		Pat. 4		Pat. 5		Pat. 6		R9 Pat. 7	
Art v 1 25-36	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4
KCIEWEKAQHGA	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
CIEWEKAQHGA	+	+	+	+	+	(+)	+	-	+	+	+	+	+	+	+	+
IEWEKAQHGA	(+)	-	+	+	+	-	-	-	-	-	+	+	+	+	+	+
EWEKAQHGA	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
WEKAQHGA	-	-	-	-	-	-	-	-	-	-	-	-	(+)	-	-	-
EKAQHGA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KAQHGA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCIEWE	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	(+)
KCIEWEK	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCIEWEKA	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
KCIEWEKAQ	-	-	-	-	-	-	-	-	-	-	-	-	+	-	+	-
KCIEWEKAQH	+	+	+	+	-	-	+	+	+	+	+	+	+	+	+	+
KCIEWEKAQHG	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+

K
C
I
E
W
E
K
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A

p1
p2
p3
p4
p5
p6
p7
p8
p9

Mutant Peptides	TCL										TCC									
	Pat. 1		Pat. 2		Pat. 3		Pat. 4		Pat. 7		Pat. 8		R97 Pat. 7		R114 Pat. 7		R24 Pat. 7		R51 Pat.9	
Art v 1 25-36	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4	DR1	DR4
KCIEWEKAQHGA	+	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-
ACIEWEKAQHGA	+	+	+	+	+	+	+	+	+	+	+	+	nd	nd	+	+	nd	nd	+	+
KAIEWEKAQHGA	+	-	+	+	+	+	-	+	-	+	+	+	-	-	+	+	-	-	+	+
KCAIEWEKAQHGA	-	-	+	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
KCIAIEWEKAQHGA	-	-	-	-	+	+	-	-	-	-	-	-	+	+	-	-	-	-	-	-
KCIEAIEWEKAQHGA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
KCIEWAKAQHGA	-	-	-	-	+	+	-	-	+	-	-	-	+	+	-	-	-	-	-	-
KCIEWEAAQHGA	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-
KCIEWEKGQHGA	+	+	+	+	+	-	+	+	+	-	+	+	+	+	+	+	+	-	+	+
KCIEWEKAHGA	-	+	-	-	-	-	+	+	+	(+)	-	-	+	+	-	+	+	-	+	+
KCIEWEKAQAGA	+	+	+	+	+	+	+	-	-	+	-	-	+	+	-	-	+	+	+	-
KCIEWEKAQHAA	+	+	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+	+	-	-
KCIEWEKAQHGG	+	+	+	+	+	-	+	+	-	+	+	+	+	-	+	+	nd	nd	-	-

No. of experiments tolerating mutations

