


Sequence	Start	End	Charge	D538G ± E2	D538G ± SRC3	D538G ± (E2+SRC3)	D538G ± 5-TOT
LSLTADQM	308	315	1	-4 (6)*	-2 (6)*	-5 (5)*	-3 (7)*
TADQMVSAL	311	319	1	-14 (8)	-13 (6)	-20 (7)	-20 (10)
LDAPPIIL	320	327	1	-25 (8)	-18 (6)	-37 (7)	-27 (12)
DAEPIIL	321	327	1	-24 (8)	-18 (6)	-36 (6)	-28 (9)
YSEYDTPRFSE	328	339	2	-3 (6)*	4 (5)*	-1 (5)*	2 (8)*
YSEYDTPRFSEASM	328	342	2	-5 (6)*	1 (6)*	-2 (5)*	0 (9)*
MGLLTNL	343	349	2	-30 (7)	-23 (6)	-38 (5)	-20 (8)
GLLTNL	344	349	1	-28 (8)	-24 (6)	-40 (5)	-23 (11)
ADRELVHMINW	350	360	2	-8 (8)	-9 (4)	-14 (8)	-6 (6)
ADRELVHMINWAKR/PGF	350	367	4	-7 (4)	-6 (3)	-10 (5)	-5 (4)*
ADRELVHMINWAKR/PGFYD	350	369	3	-6 (4)	-6 (4)	-9 (5)	-5 (5)*
ADRELVHMINWAKR/PGFYDL	350	370	3	-5 (4)	-5 (3)	-7 (3)	-4 (5)*
LVHMINW	354	360	2	-4 (3)*	-6 (1)	-7 (3)	-4 (4)*
LVHMINWAKR/PGF	354	367	4	-1 (5)*	-4 (3)*	-6 (7)	-3 (4)*
LVHMINWAKR/PGFYDL	354	370	3	-2 (3)*	-4 (4)*	-6 (4)	-2 (4)*
INWAKR/PGF	358	367	2	-1 (2)*	-2 (2)*	-3 (3)*	-2 (3)*
VDLTLD	368	374	2	0 (5)*	-3 (5)*	-4 (4)*	-2 (8)*
VDLTLDQVHL	368	378	3	2 (6)*	0 (2)*	-4 (3)*	-4 (6)*
VDLTLDQVHLL	368	380	2	1 (5)*	-1 (2)*	-2 (3)*	-3 (5)*
LTLDQVHLL	370	380	3	1 (3)*	0 (2)*	-1 (3)*	-2 (4)*
TLDQVHLL	371	380	3	1 (3)*	-3 (3)*	-2 (2)*	-2 (3)*
HDQVHLL	373	380	2	1 (3)*	-2 (2)*	-2 (2)*	-1 (2)*
QVHLL	375	380	2	1 (2)*	-2 (3)*	-2 (2)*	-1 (2)*
LEILM	384	388	1	0 (1)*	0 (0)*	0 (2)*	0 (3)*
EILMI	385	389	1	0 (1)*	0 (0)*	0 (2)*	0 (3)*
IGLVWRSMEHPGKL	389	402	3	-4 (3)*	-5 (4)*	-7 (3)	-5 (7)*
LVWRSMEHPGKL	391	402	3	-6 (4)	-6 (4)	-9 (4)	-5 (9)
LVWRSMEHPGKLLF	391	404	3	-5 (4)	-6 (5)	-9 (5)	-7 (8)
LVWRSMEHPGKLLFAPNL	391	408	3	-8 (5)	-8 (7)	-13 (6)	-6 (7)
VWRSMEHPGKLLFAPNLLL	392	410	3	-9 (5)	-8 (6)	-9 (5)	-6 (9)
LFAPNL	403	408	1	-14 (5)	-14 (5)	-19 (6)	-16 (11)
LFAPNLL	403	409	2	-10 (4)	-12 (6)	-16 (7)	-10 (9)
LFAPNLLL	403	410	2	-12 (6)	-11 (5)	-15 (4)	-13 (9)
LLDRNGKCVG	409	420	3	-16 (7)	-2 (6)*	-14 (4)	1 (8)*
LLDRNGKCVGEMVE	409	423	3	-15 (7)	0 (6)*	-13 (5)	-1 (9)*
LDNRNGKCVGEM	410	421	3	-17 (8)	-2 (6)*	-17 (5)	0 (8)*
DRNGKCVGEMVE	411	423	2	-16 (8)	-2 (6)*	-18 (5)	-2 (11)*
MVEIF	421	425	1	-6 (2)	4 (4)*	-8 (3)	5 (4)
VEIFDML	422	428	1	-12 (5)	-6 (3)	-16 (4)	7 (5)
LATSSRF/FRM	429	437	2	-4 (6)*	-4 (7)*	-6 (6)	-4 (6)*
LATSSRF/FRMNLQGE	429	444	3	-3 (4)*	0 (10)*	-4 (8)*	-7 (7)
LATSSRF/FRMNLQGEF	429	445	3	-2 (4)*	-3 (6)*	-4 (5)*	-3 (6)*
RMMNLQGEF	436	445	2	-2 (9)*	-5 (5)	-6 (4)	-5 (8)*
KSIIL	449	453	1	-1 (2)*	-2 (4)*	-3 (5)*	-4 (8)*
IILLNSGV	451	458	1	-1 (5)*	-1 (4)*	-4 (3)*	-4 (10)*
LNSGVYTF	454	462	1	-3 (5)*	0 (5)*	-3 (4)*	2 (5)*
TFLSSTL	460	466	1	-2 (8)*	4 (6)*	2 (5)*	5 (8)*
SSTLKSLEEKDIHRLDKITD	463	486	3	-2 (3)*	-1 (3)*	-1 (2)*	-2 (6)*
KSLEEKDIHRLDKITD	467	486	3	-1 (5)*	0 (3)*	-1 (3)*	-1 (6)*
IHLMAKAGLTQQGHQRL	487	504	3	-1 (5)*	1 (4)*	0 (4)*	-2 (7)*
IHLMAKAGLTQQGHQRLAQL	487	507	3	0 (4)*	1 (3)*	1 (3)*	-2 (5)*
MAKAGLTQQGHQRL	490	504	4	-1 (5)*	0 (5)*	0 (4)*	-3 (7)*
LILSHIRHMSNKGMEHL	509	525	4	-7 (3)	-9 (3)	-12 (3)	-9 (7)
ILSHIRHMSNKGMEHL	510	525	3	-7 (3)	-9 (5)	-13 (4)	-9 (8)
SHIRHMSNKGMEHL	512	525	2	-8 (4)	-10 (5)	-13 (4)	-10 (7)
YSMKCKNVVPLYGLL	526	540	3	-14 (9)	1 (5)*	-16 (4)	1 (9)*
KCKNVVPLYGLL	529	540	3	-12 (8)	-2 (6)*	-13 (4)	0 (7)*
LLEML	540	544	1	0 (1)*	0 (0)*	-1 (5)*	0 (2)*
LEMLDA	541	546	1	-23 (7)	-23 (6)	-42 (6)	-4 (11)*
LEMLDAHRLHAPTS	541	554	3	-11 (5)	-8 (3)	-16 (3)	0 (5)*
LDHRLHAPTS	544	554	2	-5 (5)*	-1 (5)*	-6 (4)	2 (5)*
DAHRLHAPTS	545	554	3	-3 (5)*	2 (5)*	-1 (4)*	3 (4)*
HRLHAPTS	547	554	2	-2 (5)*	1 (5)*	1 (5)*	3 (5)*

Protection  Deprotection
 N.S= Not Significant