WT-WT

Cross-link	Protein	Modification	Bonds	Charge	Scan	Forms found	Theoretical LL m/z (1+)	Theoretical LL m/z (X+)	Theoretical LH m/z (1+)	Theoretical LH m/z (X+)	Theoretical HL m/z (1+)	Theoretical HL m/z (X+)	Theoretical HH m/z (1+)	Theoretical HH m/z (X+)	Inter CL (%)	Intra CL (%)	Correction ratios
IPKIQK - ATVEDEKLQGK	HSC70 WT1 (343, 348) [A] - HSC70 WT1 (551, 561) [B]		DSSd0 (A.345; B.557)	4	358-363	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	98	2	HSC70 WT1: 107.5%
IPKIQK - ATVEDEKLQGK	HSC70 WT1 (343, 348) [A] - HSC70 WT2 (551, 561) [B]		DSSd0 (A.345; B.557)	4	358-363	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	98	2	HSC70 WT1: 107.5%
ATVEDEKLQGK - IPKIQK	HSC70 WT1 (551, 561) [A] - HSC70 WT2 (343, 348) [B]		DSSd0 (A.557; B.345)	4	358-363	4	2081.1852	521.0518	2090.1586	523.2951	2095.1437	524.5414	2104.1171	526.7847	98	2	HSC70 WT1: 107.5%
IPKIQK - ATVEDEKLQGK	HSC70 WT2 (343, 348) [A] - HSC70 WT2 (551, 561) [B]		DSSd0 (A.345; B.557)	4	358-363	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	98	2	HSC70 WT2: 107.5%
MSK - IINEPTAAAIAYGLDKK	HSC70 WT1 (1, 3) [A] - HSC70 WT1 (172, 188) [B]		DSSd0 (A.N-terminus; B.187)	3	526-533	4	2290.2363	764.0836	2310.177	770.7305	2294.2244	765.413	2314.1651	772.0599	11	89	HSC70 WT1: 107.5%
MSK - IINEPTAAAIAYGLDKK	HSC70 WT1 (1, 3) [A] - HSC70 WT2 (172, 188) [B]		DSSd0 (A.N-terminus; B.187)	3	526-533	4	2290.2363	764.0836	2310.177	770.7305	2294.2244	765.413	2314.1651	772.0599	11	89	HSC70 WT1: 107.5%
IINEPTAAAIAYGLDKK - MSK	HSC70 WT1 (172, 188) [A] - HSC70 WT2 (1, 3) [B]		DSSd0 (A.187; B.N-terminus)	3	526-533	4	2290.2363	764.0836	2294.2244	765.413	2310.177	770.7305	2314.1651	772.0599	11	89	HSC70 WT1: 107.5%
MSK - IINEPTAAAIAYGLDKK	HSC70 WT2 (1, 3) [A] - HSC70 WT2 (172, 188) [B]		DSSd0 (A.N-terminus; B.187)	3	526-533	4	2290.2363	764.0836	2310.177	770.7305	2294.2244	765.413	2314.1651	772.0599	11	89	HSC70 WT2: 107.5%
NQVAMNPTNTVFDAKR - AKR	HSC70 WT1 (57, 72) [A] - HSC70 WT1 (270, 272) [B]		DSSd0 (A.71; B.271)	4	395-397	2	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	---	----	HSC70 WT1: 107.5%
NQVAMNPTNTVFDAKR - AKR	HSC70 WT1 (57, 72) [A] - HSC70 WT2 (270, 272) [B]		DSSd0 (A.71; B.271)	4	395-397	2	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	---	----	HSC70 WT1: 107.5%
AKR - NQVAMNPTNTVFDAKR	HSC70 WT1 (270, 272) [A] - HSC70 WT2 (57, 72) [B]		DSSd0 (A.271; B.71)	4	395-397	2	2317.2081	580.0575	2341.137	586.0397	2324.1874	581.8023	2348.1162	587.7845	---	----	HSC70 WT1: 107.5%
NQVAMNPTNTVFDAKR - AKR	HSC70 WT2 (57, 72) [A] - HSC70 WT2 (270, 272) [B]		DSSd0 (A.71; B.271)	4	395-397	2	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	---	----	HSC70 WT2: 107.5%
ENKITITNDK - LQGKINDEDK	HSC70 WT1 (498, 507) [A] - HSC70 WT1 (558, 567) [B]		DSSd0 (A.500; B.561)	4	354-360	4	2472.2828	618.8262	2486.2413	622.3158	2486.2413	622.3158	2500.1998	625.8054	29	71	HSC70 WT1: 107.5%
ENKITITNDK - LQGKINDEDK	HSC70 WT1 (498, 507) [A] - HSC70 WT2 (558, 567) [B]		DSSd0 (A.500; B.561)	4	354-360	4	2472.2828	618.8262	2486.2413	622.3158	2486.2413	622.3158	2500.1998	625.8054	29	71	HSC70 WT1: 107.5%
LQGKINDEDK - ENKITITNDK	HSC70 WT1 (558, 567) [A] - HSC70 WT2 (498, 507) [B]		DSSd0 (A.561; B.500)	4	354-360	4	2472.2828	618.8262	2486.2413	622.3158	2486.2413	622.3158	2500.1998	625.8054	29	71	HSC70 WT1: 107.5%
ENKITITNDK - LQGKINDEDK	HSC70 WT2 (498, 507) [A] - HSC70 WT2 (558, 567) [B]		DSSd0 (A.500; B.561)	4	354-360	4	2472.2828	618.8262	2486.2413	622.3158	2486.2413	622.3158	2500.1998	625.8054	29	71	HSC70 WT2: 107.5%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 WT1 (156, 171) [A] - HSC70 WT1 (343, 348) [B]		DSSd0 (A.159; B.345)	4	471-476	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	50	50	HSC70 WT1: 107.5%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 WT1 (156, 171) [A] - HSC70 WT2 (343, 348) [B]		DSSd0 (A.159; B.345)	4	471-476	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	50	50	HSC70 WT1: 107.5%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 WT2 (156, 171) [A] - HSC70 WT2 (343, 348) [B]		DSSd0 (A.159; B.345)	4	471-476	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	50	50	HSC70 WT2: 107.5%
IPKIQK - QATKDAGTIAGLNVLR	HSC70 WT1 (343, 348) [A] - HSC70 WT2 (156, 171) [B]		DSSd0 (A.345; B.159)	4	471-476	4	2491.4606	623.6206	2513.3954	629.1043	2500.4339	625.8639	2522.3687	631.3476	50	50	HSC70 WT1: 107.5%
CNEIINWLDKNQTAEK - KHK	HSC70 WT1 (574, 589) [A] - HSC70 WT2 (248, 250) [B]	carbamidomethylation (A.574)	DSSd0 (A.583; B.248)	4	446-449	4	2525.2817	632.0759	2532.2609	633.8207	2548.2135	637.8088	2555.1927	639.5536	93	7	HSC70 WT1: 107.5%
CNEIINWLDKNQTAEK - HKK	HSC70 WT1 (574, 589) [A] - HSC70 WT2 (249, 251) [B]	carbamidomethylation (A.574)	DSSd0 (A.583; B.250)	4	446-449	4	2525.2817	632.0759	2532.2609	633.8207	2548.2135	637.8088	2555.1927	639.5536	93	7	HSC70 WT1: 107.5%
KHK - CNEIINWLDKNQTAEK	HSC70 WT1 (248, 250) [A] - HSC70 WT1 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	446-449	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	93	7	HSC70 WT1: 107.5%
KHK - CNEIINWLDKNQTAEK	HSC70 WT1 (248, 250) [A] - HSC70 WT2 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	446-449	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	93	7	HSC70 WT1: 107.5%
HKK - CNEIINWLDKNQTAEK	HSC70 WT1 (249, 251) [A] - HSC70 WT1 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	446-449	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	93	7	HSC70 WT1: 107.5%
HKK - CNEIINWLDKNQTAEK	HSC70 WT1 (249, 251) [A] - HSC70 WT2 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	446-449	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	93	7	HSC70 WT1: 107.5%
KHK - CNEIINWLDKNQTAEK	HSC70 WT2 (248, 250) [A] - HSC70 WT2 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	446-449	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	93	7	HSC70 WT2: 107.5%
HKK - CNEIINWLDKNQTAEK	HSC70 WT2 (249, 251) [A] - HSC70 WT2 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	446-449	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	93	7	HSC70 WT2: 107.5%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 WT1 (57, 72) [A] - HSC70 WT1 (312, 322) [B]		DSSd0 (A.71; B.319)	4	524-526	2	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	---	----	HSC70 WT1: 107.5%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 WT1 (57, 72) [A] - HSC70 WT2 (312, 322) [B]		DSSd0 (A.71; B.319)	4	524-526	2	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	---	----	HSC70 WT1: 107.5%
GTLDPVEKALR - NQVAMNPTNTVFDAKR	HSC70 WT1 (312, 322) [A] - HSC70 WT2 (57, 72) [B]		DSSd0 (A.319; B.71)	4	524-526	2	3141.6361	786.1645	3165.5649	792.1467	3156.5916	789.9034	3180.5205	795.8856	---	----	HSC70 WT1: 107.5%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 WT2 (57, 72) [A] - HSC70 WT2 (312, 322) [B]		DSSd0 (A.71; B.319)	4	524-526	2	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	---	----	HSC70 WT2: 107.5%
LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 WT1 (326, 342) [A] - HSC70 WT1 (551, 561) [B]		DSSd0 (A.328; B.557)	5	482-488	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	100	0	HSC70 WT1: 107.5%
LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 WT1 (326, 342) [A] - HSC70 WT2 (551, 561) [B]		DSSd0 (A.328; B.557)	5	482-488	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	100	0	HSC70 WT1: 107.5%
LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 WT2 (326, 342) [A] - HSC70 WT2 (551, 561) [B]		DSSd0 (A.328; B.557)	5	482-488	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	100	0	HSC70 WT2: 107.5%
ATVEDEKLQGK - LDKSQIHDIVLVGGSTR	HSC70 WT1 (551, 561) [A] - HSC70 WT2 (326, 342) [B]		DSSd0 (A.557; B.328)	5	482-488	4	3192.711	639.348	3216.6399	644.1338	3206.6695	642.1397	3230.5984	646.9255	100	0	HSC70 WT1: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 WT1 (129, 155) [A] - HSC70 WT1 (270, 272) [B]		DSSd0 (A.137; B.271)	4	580-585	2	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	---	----	HSC70 WT1: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 WT1 (129, 155) [A] - HSC70 WT2 (270, 272) [B]		DSSd0 (A.137; B.271)	4	580-585	2	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	---	----	HSC70 WT1: 107.5%
AKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT1 (270, 272) [A] - HSC70 WT2 (129, 155) [B]		DSSd0 (A.271; B.137)	4	580-585	2	3467.8169	867.7097	3501.7161	876.1845	3474.7962	869.4545	3508.6953	877.9293	---	----	HSC70 WT1: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 WT2 (129, 155) [A] - HSC70 WT2 (270, 272) [B]		DSSd0 (A.137; B.271)	4	580-585	2	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	---	----	HSC70 WT2: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 WT1 (129, 155) [A] - HSC70 WT1 (188, 193) [B]		DSSd0 (A.137; B.188)	4	582-591	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	77	23	HSC70 WT1: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 WT1 (129, 155) [A] - HSC70 WT2 (188, 193) [B]		DSSd0 (A.137; B.188)	4	582-591	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	77	23	HSC70 WT1: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 WT2 (129, 155) [A] - HSC70 WT2 (188, 193) [B]		DSSd0 (A.137; B.188)	4	582-591	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	77	23	HSC70 WT2: 107.5%
KVGAER - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT1 (188, 193) [A] - HSC70 WT2 (129, 155) [B]		DSSd0 (A.188; B.137)	4	582-591	4	3752.9494	938.9928	3786.8486	947.4676	3762.9197	941.4854	3796.8189	949.9602	77	23	HSC70 WT1: 107.5%

SENVQDLLLLDVTPLSLGIETAGGVMTVLIKR - LSKEDIER	HSC70 WT1 (385, 416) [A] - HSC70 WT1 (510, 517) [B]		DSSd0 (A.415; B.512)	4	866-872	4	4521.4736	1131.1239	4533.438	1134.115	4559.3609	1140.5957	4571.3253	1143.5868	23	77	HSC70 WT1: 107.5%
SENVQDLLLLDVTPLSLGIETAGGVMTVLIKR - LSKEDIER	HSC70 WT1 (385, 416) [A] - HSC70 WT2 (510, 517) [B]		DSSd0 (A.415; B.512)	4	866-872	4	4521.4736	1131.1239	4533.438	1134.115	4559.3609	1140.5957	4571.3253	1143.5868	23	77	HSC70 WT1: 107.5%
SENVQDLLLLDVTPLSLGIETAGGVMTVLIKR - LSKEDIER	HSC70 WT2 (385, 416) [A] - HSC70 WT2 (510, 517) [B]		DSSd0 (A.415; B.512)	4	866-872	4	4521.4736	1131.1239	4533.438	1134.115	4559.3609	1140.5957	4571.3253	1143.5868	23	77	HSC70 WT2: 107.5%
LSKEDIER - SENVQDLLLLDVTPLSLGIETAGGVMTVLIKR	HSC70 WT1 (510, 517) [A] - HSC70 WT2 (385, 416) [B]		DSSd0 (A.512; B.415)	4	866-872	4	4521.4736	1131.1239	4559.3609	1140.5957	4533.438	1134.115	4571.3253	1143.5868	23	77	HSC70 WT1: 107.5%
VQVEYKGETKSFYPEEVSSMVLTKMK - INDEDKQKILDK	HSC70 WT1 (103, 128) [A] - HSC70 WT1 (562, 573) [B]	Oxidation (A.122), Oxidation (A.127)	DSSd0 (A.108; B.567) | DSSd0 (A.108; B.569) | DSSd0 (A.112; B.567) | DSSd0 (A.112; B.569) | DSSd0 (A.126; B.567) | DSSd0 (A.126; B.569)	4	733-737	4	4665.3566	1167.0946	4682.3061	1171.332	4696.2646	1174.8216	4713.2142	1179.059	117	0	HSC70 WT1: 107.5%
VQVEYKGETKSFYPEEVSSMVLTKMK - INDEDKQKILDK	HSC70 WT1 (103, 128) [A] - HSC70 WT2 (562, 573) [B]	Oxidation (A.122), Oxidation (A.127)	DSSd0 (A.108; B.567) | DSSd0 (A.108; B.569) | DSSd0 (A.112; B.567) | DSSd0 (A.112; B.569) | DSSd0 (A.126; B.567) | DSSd0 (A.126; B.569)	4	733-737	4	4665.3566	1167.0946	4682.3061	1171.332	4696.2646	1174.8216	4713.2142	1179.059	117	0	HSC70 WT1: 107.5%
VQVEYKGETKSFYPEEVSSMVLTKMK - INDEDKQKILDK	HSC70 WT2 (103, 128) [A] - HSC70 WT2 (562, 573) [B]	Oxidation (A.122), Oxidation (A.127)	DSSd0 (A.108; B.567) | DSSd0 (A.108; B.569) | DSSd0 (A.112; B.567) | DSSd0 (A.112; B.569) | DSSd0 (A.126; B.567) | DSSd0 (A.126; B.569)	4	733-737	4	4665.3566	1167.0946	4682.3061	1171.332	4696.2646	1174.8216	4713.2142	1179.059	117	0	HSC70 WT2: 107.5%
INDEDKQKILDK - VQVEYKGETKSFYPEEVSSMVLTKMK	HSC70 WT1 (562, 573) [A] - HSC70 WT2 (103, 128) [B]	Oxidation (B.122), Oxidation (B.127)	DSSd0 (A.567; B.108) | DSSd0 (A.567; B.112) | DSSd0 (A.567; B.126) | DSSd0 (A.569; B.108) | DSSd0 (A.569; B.112) | DSSd0 (A.569; B.126)	4	733-737	4	4665.3566	1167.0946	4696.2646	1174.8216	4682.3061	1171.332	4713.2142	1179.059	117	0	HSC70 WT1: 107.5%
ELNKSINPDEAVAYGAAVQAAILSGDK - SFYPEEVSSMVLTKMK	HSC70 WT1 (358, 384) [A] - HSC70 WT2 (113, 128) [B]		DSSd0 (A.361; B.126)	4	735-740	4	4757.394	1190.104	4775.3406	1194.5906	4789.2991	1198.0802	4807.2457	1202.5669	105	0	HSC70 WT1: 107.5%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 WT1 (113, 128) [A] - HSC70 WT1 (358, 384) [B]		DSSd0 (A.126; B.361)	4	735-740	4	4757.394	1190.104	4789.2991	1198.0802	4775.3406	1194.5906	4807.2457	1202.5669	105	0	HSC70 WT1: 107.5%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 WT1 (113, 128) [A] - HSC70 WT2 (358, 384) [B]		DSSd0 (A.126; B.361)	4	735-740	4	4757.394	1190.104	4789.2991	1198.0802	4775.3406	1194.5906	4807.2457	1202.5669	105	0	HSC70 WT1: 107.5%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 WT2 (113, 128) [A] - HSC70 WT2 (358, 384) [B]		DSSd0 (A.126; B.361)	4	735-740	4	4757.394	1190.104	4789.2991	1198.0802	4775.3406	1194.5906	4807.2457	1202.5669	105	0	HSC70 WT2: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 WT1 (129, 155) [A] - HSC70 WT1 (452, 469) [B]		DSSd0 (A.137; B.458)	5	707-718	4	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	25	75	HSC70 WT1: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 WT1 (129, 155) [A] - HSC70 WT2 (452, 469) [B]		DSSd0 (A.137; B.458)	5	707-718	4	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	25	75	HSC70 WT1: 107.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 WT2 (129, 155) [A] - HSC70 WT2 (452, 469) [B]		DSSd0 (A.137; B.458)	5	707-718	4	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	25	75	HSC70 WT2: 107.5%
DNNLLGKFELTGIPPAPR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT1 (452, 469) [A] - HSC70 WT2 (129, 155) [B]		DSSd0 (A.458; B.137)	5	707-718	4	5045.6259	1009.931	5079.5251	1016.7108	5069.5547	1014.7168	5103.4539	1021.4966	25	75	HSC70 WT1: 107.5%

SBD-mutant-SBD-mutant

Cross-link	Protein	Modification	Bonds	Charge	Scan	Forms found	Theoretical LL m/z (1+)	Theoretical LL m/z (X+)	Theoretical LH m/z (1+)	Theoretical LH m/z (X+)	Theoretical HL m/z (1+)	Theoretical HL m/z (X+)	Theoretical HH m/z (1+)	Theoretical HH m/z (X+)	Inter CL (%)	Intra CL (%)	Correction ratios
IPKIQK - ATVEDEKLQGK	HSC70 SBD1 (343, 348) [A] - HSC70 SBD1 (551, 561) [B]		DSSd0 (A.345; B.557)	4	321-328	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	98	2	HSC70 SBD1: 131.5%
IPKIQK - ATVEDEKLQGK	HSC70 SBD1 (343, 348) [A] - HSC70 SBD2 (551, 561) [B]		DSSd0 (A.345; B.557)	4	321-328	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	98	2	HSC70 SBD1: 131.5%
ATVEDEKLQGK - IPKIQK	HSC70 SBD1 (551, 561) [A] - HSC70 SBD2 (343, 348) [B]		DSSd0 (A.557; B.345)	4	321-328	4	2081.1852	521.0518	2090.1586	523.2951	2095.1437	524.5414	2104.1171	526.7847	98	2	HSC70 SBD1: 131.5%
IPKIQK - ATVEDEKLQGK	HSC70 SBD2 (343, 348) [A] - HSC70 SBD2 (551, 561) [B]		DSSd0 (A.345; B.557)	4	321-328	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	98	2	HSC70 SBD2: 131.5%
MSK - IINEPTAAAIAYGLDKK	HSC70 SBD1 (1, 3) [A] - HSC70 SBD1 (172, 188) [B]		DSSd0 (A.N-terminus; B.187)	3	498-505	4	2290.2363	764.0836	2310.177	770.7305	2294.2244	765.413	2314.1651	772.0599	25	75	HSC70 SBD1: 131.5%
MSK - IINEPTAAAIAYGLDKK	HSC70 SBD1 (1, 3) [A] - HSC70 SBD2 (172, 188) [B]		DSSd0 (A.N-terminus; B.187)	3	498-505	4	2290.2363	764.0836	2310.177	770.7305	2294.2244	765.413	2314.1651	772.0599	25	75	HSC70 SBD1: 131.5%
IINEPTAAAIAYGLDKK - MSK	HSC70 SBD1 (172, 188) [A] - HSC70 SBD2 (1, 3) [B]		DSSd0 (A.187; B.N-terminus)	3	498-505	4	2290.2363	764.0836	2294.2244	765.413	2310.177	770.7305	2314.1651	772.0599	25	75	HSC70 SBD1: 131.5%
MSK - IINEPTAAAIAYGLDKK	HSC70 SBD2 (1, 3) [A] - HSC70 SBD2 (172, 188) [B]		DSSd0 (A.N-terminus; B.187)	3	498-505	4	2290.2363	764.0836	2310.177	770.7305	2294.2244	765.413	2314.1651	772.0599	25	75	HSC70 SBD2: 131.5%
IINEPTAAAIAYGLDKK - AKR	HSC70 SBD1 (172, 188) [A] - HSC70 SBD1 (270, 272) [B]		DSSd0 (A.187; B.271)	4	440-443	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	18	82	HSC70 SBD1: 131.5%
IINEPTAAAIAYGLDKK - AKR	HSC70 SBD1 (172, 188) [A] - HSC70 SBD2 (270, 272) [B]		DSSd0 (A.187; B.271)	4	440-443	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	18	82	HSC70 SBD1: 131.5%
AKR - IINEPTAAAIAYGLDKK	HSC70 SBD1 (270, 272) [A] - HSC70 SBD2 (172, 188) [B]		DSSd0 (A.271; B.187)	4	440-443	4	2299.302	575.581	2319.2427	580.5661	2306.2813	577.3258	2326.222	582.3109	18	82	HSC70 SBD1: 131.5%
IINEPTAAAIAYGLDKK - AKR	HSC70 SBD2 (172, 188) [A] - HSC70 SBD2 (270, 272) [B]		DSSd0 (A.187; B.271)	4	440-443	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	18	82	HSC70 SBD2: 131.5%
KHK - CNEIINWLDKNQTAEK	HSC70 SBD1 (248, 250) [A] - HSC70 SBD1 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	415-420	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	94	6	HSC70 SBD1: 131.5%
KHK - CNEIINWLDKNQTAEK	HSC70 SBD1 (248, 250) [A] - HSC70 SBD2 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	415-420	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	94	6	HSC70 SBD1: 131.5%
HKK - CNEIINWLDKNQTAEK	HSC70 SBD1 (249, 251) [A] - HSC70 SBD1 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	415-420	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	94	6	HSC70 SBD1: 131.5%
HKK - CNEIINWLDKNQTAEK	HSC70 SBD1 (249, 251) [A] - HSC70 SBD2 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	415-420	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	94	6	HSC70 SBD1: 131.5%
CNEIINWLDKNQTAEK - KHK	HSC70 SBD1 (574, 589) [A] - HSC70 SBD2 (248, 250) [B]	carbamidomethylation (A.574)	DSSd0 (A.583; B.248)	4	415-420	4	2525.2817	632.0759	2532.2609	633.8207	2548.2135	637.8088	2555.1927	639.5536	94	6	HSC70 SBD1: 131.5%
CNEIINWLDKNQTAEK - HKK	HSC70 SBD1 (574, 589) [A] - HSC70 SBD2 (249, 251) [B]	carbamidomethylation (A.574)	DSSd0 (A.583; B.250)	4	415-420	4	2525.2817	632.0759	2532.2609	633.8207	2548.2135	637.8088	2555.1927	639.5536	94	6	HSC70 SBD1: 131.5%
KHK - CNEIINWLDKNQTAEK	HSC70 SBD2 (248, 250) [A] - HSC70 SBD2 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	415-420	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	94	6	HSC70 SBD2: 131.5%
HKK - CNEIINWLDKNQTAEK	HSC70 SBD2 (249, 251) [A] - HSC70 SBD2 (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	415-420	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	94	6	HSC70 SBD2: 131.5%

IINEPTAAAIAYGLDKK - DISENKR	HSC70 SBD1 (172, 188) [A] - HSC70 SBD1 (252, 258) [B]		DSSd0 (A.187; B.257)	4	468-471	4	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	16	84	HSC70 SBD1: 131.5%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 SBD1 (172, 188) [A] - HSC70 SBD2 (252, 258) [B]		DSSd0 (A.187; B.257)	4	468-471	4	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	16	84	HSC70 SBD1: 131.5%
DISENKR - IINEPTAAAIAYGLDKK	HSC70 SBD1 (252, 258) [A] - HSC70 SBD2 (172, 188) [B]		DSSd0 (A.257; B.187)	4	468-471	4	2786.4935	697.3788	2806.4341	702.364	2798.4579	700.3699	2818.3986	705.3551	16	84	HSC70 SBD1: 131.5%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 SBD2 (172, 188) [A] - HSC70 SBD2 (252, 258) [B]		DSSd0 (A.187; B.257)	4	468-471	4	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	16	84	HSC70 SBD2: 131.5%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 SBD1 (50, 71) [A] - HSC70 SBD1 (270, 272) [B]		DSSd0 (A.56; B.271)	4	411-416	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	23	77	HSC70 SBD1: 131.5%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 SBD1 (50, 71) [A] - HSC70 SBD2 (270, 272) [B]		DSSd0 (A.56; B.271)	4	411-416	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	23	77	HSC70 SBD1: 131.5%
AKR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD1 (270, 272) [A] - HSC70 SBD2 (50, 71) [B]		DSSd0 (A.271; B.56)	4	411-416	4	2829.4927	708.1286	2857.4097	715.1079	2836.472	709.8735	2864.389	716.8527	23	77	HSC70 SBD1: 131.5%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 SBD2 (50, 71) [A] - HSC70 SBD2 (270, 272) [B]		DSSd0 (A.56; B.271)	4	411-416	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	23	77	HSC70 SBD2: 131.5%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 SBD1 (57, 72) [A] - HSC70 SBD1 (312, 322) [B]		DSSd0 (A.71; B.319)	4	494-498	4	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	25	75	HSC70 SBD1: 131.5%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 SBD1 (57, 72) [A] - HSC70 SBD2 (312, 322) [B]		DSSd0 (A.71; B.319)	4	494-498	4	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	25	75	HSC70 SBD1: 131.5%
GTLDPVEKALR - NQVAMNPTNTVFDAKR	HSC70 SBD1 (312, 322) [A] - HSC70 SBD2 (57, 72) [B]		DSSd0 (A.319; B.71)	4	494-498	4	3141.6361	786.1645	3165.5649	792.1467	3156.5916	789.9034	3180.5205	795.8856	25	75	HSC70 SBD1: 131.5%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 SBD2 (57, 72) [A] - HSC70 SBD2 (312, 322) [B]		DSSd0 (A.71; B.319)	4	494-498	4	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	25	75	HSC70 SBD2: 131.5%
LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 SBD1 (326, 342) [A] - HSC70 SBD1 (551, 561) [B]		DSSd0 (A.328; B.557)	5	454-459	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	103	0	HSC70 SBD1: 131.5%
LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 SBD1 (326, 342) [A] - HSC70 SBD2 (551, 561) [B]		DSSd0 (A.328; B.557)	5	454-459	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	103	0	HSC70 SBD1: 131.5%
ATVEDEKLQGK - LDKSQIHDIVLVGGSTR	HSC70 SBD1 (551, 561) [A] - HSC70 SBD2 (326, 342) [B]		DSSd0 (A.557; B.328)	5	454-459	4	3192.711	639.348	3216.6399	644.1338	3206.6695	642.1397	3230.5984	646.9255	103	0	HSC70 SBD1: 131.5%
LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 SBD2 (326, 342) [A] - HSC70 SBD2 (551, 561) [B]		DSSd0 (A.328; B.557)	5	454-459	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	103	0	HSC70 SBD2: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 SBD1 (129, 155) [A] - HSC70 SBD1 (270, 272) [B]		DSSd0 (A.137; B.271)	4	553-555	3	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	---	----	HSC70 SBD1: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 SBD1 (129, 155) [A] - HSC70 SBD2 (270, 272) [B]		DSSd0 (A.137; B.271)	4	553-555	3	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	---	----	HSC70 SBD1: 131.5%
AKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD1 (270, 272) [A] - HSC70 SBD2 (129, 155) [B]		DSSd0 (A.271; B.137)	4	553-555	3	3467.8169	867.7097	3501.7161	876.1845	3474.7962	869.4545	3508.6953	877.9293	---	----	HSC70 SBD1: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 SBD2 (129, 155) [A] - HSC70 SBD2 (270, 272) [B]		DSSd0 (A.137; B.271)	4	553-555	3	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	---	----	HSC70 SBD2: 131.5%
NQVAMNPTNTVFDAKR - IINEPTAAAIAYGLDKK	HSC70 SBD1 (57, 72) [A] - HSC70 SBD1 (172, 188) [B]		DSSd0 (A.71; B.187)	4	531-536	3	3730.9473	933.4923	3750.888	938.4774	3754.8761	939.4745	3774.8168	944.4597	---	----	HSC70 SBD1: 131.5%
NQVAMNPTNTVFDAKR - IINEPTAAAIAYGLDKK	HSC70 SBD1 (57, 72) [A] - HSC70 SBD2 (172, 188) [B]		DSSd0 (A.71; B.187)	4	531-536	3	3730.9473	933.4923	3750.888	938.4774	3754.8761	939.4745	3774.8168	944.4597	---	----	HSC70 SBD1: 131.5%
IINEPTAAAIAYGLDKK - NQVAMNPTNTVFDAKR	HSC70 SBD1 (172, 188) [A] - HSC70 SBD2 (57, 72) [B]		DSSd0 (A.187; B.71)	4	531-536	3	3730.9473	933.4923	3754.8761	939.4745	3750.888	938.4774	3774.8168	944.4597	---	----	HSC70 SBD1: 131.5%
NQVAMNPTNTVFDAKR - IINEPTAAAIAYGLDKK	HSC70 SBD2 (57, 72) [A] - HSC70 SBD2 (172, 188) [B]		DSSd0 (A.71; B.187)	4	531-536	3	3730.9473	933.4923	3750.888	938.4774	3754.8761	939.4745	3774.8168	944.4597	---	----	HSC70 SBD2: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 SBD1 (129, 155) [A] - HSC70 SBD1 (188, 193) [B]		DSSd0 (A.137; B.188)	4	554-562	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	---	----	HSC70 SBD1: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 SBD1 (129, 155) [A] - HSC70 SBD2 (188, 193) [B]		DSSd0 (A.137; B.188)	4	554-562	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	---	----	HSC70 SBD1: 131.5%
KVGAER - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD1 (188, 193) [A] - HSC70 SBD2 (129, 155) [B]		DSSd0 (A.188; B.137)	4	554-562	4	3752.9494	938.9928	3786.8486	947.4676	3762.9197	941.4854	3796.8189	949.9602	---	----	HSC70 SBD1: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 SBD2 (129, 155) [A] - HSC70 SBD2 (188, 193) [B]		DSSd0 (A.137; B.188)	4	554-562	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	---	----	HSC70 SBD2: 131.5%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 SBD1 (50, 71) [A] - HSC70 SBD1 (156, 171) [B]		DSSd0 (A.56; B.159)	4	529-533	4	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	33	67	HSC70 SBD1: 131.5%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 SBD1 (50, 71) [A] - HSC70 SBD2 (156, 171) [B]		DSSd0 (A.56; B.159)	4	529-533	4	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	33	67	HSC70 SBD1: 131.5%
QATKDAGTIAGLNVLR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD1 (156, 171) [A] - HSC70 SBD2 (50, 71) [B]		DSSd0 (A.159; B.56)	4	529-533	4	4083.1543	1021.544	4111.0713	1028.5233	4105.0891	1027.0277	4133.006	1034.007	33	67	HSC70 SBD1: 131.5%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 SBD2 (50, 71) [A] - HSC70 SBD2 (156, 171) [B]		DSSd0 (A.56; B.159)	4	529-533	4	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	33	67	HSC70 SBD2: 131.5%
VQVEYKGETKSFYPEEVSSMVLTKMK - INDEDKQKILDK	HSC70 SBD1 (103, 128) [A] - HSC70 SBD1 (562, 573) [B]	Oxidation (A.122), Oxidation (A.127)	DSSd0 (A.108; B.567) | DSSd0 (A.108; B.569) | DSSd0 (A.112; B.567) | DSSd0 (A.112; B.569) | DSSd0 (A.126; B.567) | DSSd0 (A.126; B.569)	4	706-710	4	4665.3566	1167.0946	4682.3061	1171.332	4696.2646	1174.8216	4713.2142	1179.059	103	0	HSC70 SBD1: 131.5%
VQVEYKGETKSFYPEEVSSMVLTKMK - INDEDKQKILDK	HSC70 SBD1 (103, 128) [A] - HSC70 SBD2 (562, 573) [B]	Oxidation (A.122), Oxidation (A.127)	DSSd0 (A.108; B.567) | DSSd0 (A.108; B.569) | DSSd0 (A.112; B.567) | DSSd0 (A.112; B.569) | DSSd0 (A.126; B.567) | DSSd0 (A.126; B.569)	4	706-710	4	4665.3566	1167.0946	4682.3061	1171.332	4696.2646	1174.8216	4713.2142	1179.059	103	0	HSC70 SBD1: 131.5%
INDEDKQKILDK - VQVEYKGETKSFYPEEVSSMVLTKMK	HSC70 SBD1 (562, 573) [A] - HSC70 SBD2 (103, 128) [B]	Oxidation (B.122), Oxidation (B.127)	DSSd0 (A.567; B.108) | DSSd0 (A.567; B.112) | DSSd0 (A.567; B.126) | DSSd0 (A.569; B.108) | DSSd0 (A.569; B.112) | DSSd0 (A.569; B.126)	4	706-710	4	4665.3566	1167.0946	4696.2646	1174.8216	4682.3061	1171.332	4713.2142	1179.059	103	0	HSC70 SBD1: 131.5%
VQVEYKGETKSFYPEEVSSMVLTKMK - INDEDKQKILDK	HSC70 SBD2 (103, 128) [A] - HSC70 SBD2 (562, 573) [B]	Oxidation (A.122), Oxidation (A.127)	DSSd0 (A.108; B.567) | DSSd0 (A.108; B.569) | DSSd0 (A.112; B.567) | DSSd0 (A.112; B.569) | DSSd0 (A.126; B.567) | DSSd0 (A.126; B.569)	4	706-710	4	4665.3566	1167.0946	4682.3061	1171.332	4696.2646	1174.8216	4713.2142	1179.059	103	0	HSC70 SBD2: 131.5%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 SBD1 (113, 128) [A] - HSC70 SBD1 (358, 384) [B]		DSSd0 (A.126; B.361)	5	710-714	4	4757.394	952.2846	4789.2991	958.6656	4775.3406	955.8739	4807.2457	962.255	90	10	HSC70 SBD1: 131.5%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 SBD1 (113, 128) [A] - HSC70 SBD2 (358, 384) [B]		DSSd0 (A.126; B.361)	5	710-714	4	4757.394	952.2846	4789.2991	958.6656	4775.3406	955.8739	4807.2457	962.255	90	10	HSC70 SBD1: 131.5%

ELNKSINPDEAVAYGAAVQAAILSGDK - SFYPEEVSSMVLTKMK	HSC70 SBD1 (358, 384) [A] - HSC70 SBD2 (113, 128) [B]		DSSd0 (A.361; B.126)	5	710-714	4	4757.394	952.2846	4775.3406	955.8739	4789.2991	958.6656	4807.2457	962.255	90	10	HSC70 SBD1: 131.5%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 SBD2 (113, 128) [A] - HSC70 SBD2 (358, 384) [B]		DSSd0 (A.126; B.361)	5	710-714	4	4757.394	952.2846	4789.2991	958.6656	4775.3406	955.8739	4807.2457	962.255	90	10	HSC70 SBD2: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 SBD1 (129, 155) [A] - HSC70 SBD1 (172, 188) [B]		DSSd0 (A.137; B.187)	5	631-641	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	91	9	HSC70 SBD1: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 SBD1 (129, 155) [A] - HSC70 SBD2 (172, 188) [B]		DSSd0 (A.137; B.187)	5	631-641	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	91	9	HSC70 SBD1: 131.5%
IINEPTAAAIAYGLDKK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD1 (172, 188) [A] - HSC70 SBD2 (129, 155) [B]		DSSd0 (A.187; B.137)	5	631-641	4	4881.5561	977.117	4915.4552	983.8969	4901.4968	981.1052	4935.3959	987.885	91	9	HSC70 SBD1: 131.5%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 SBD2 (129, 155) [A] - HSC70 SBD2 (172, 188) [B]		DSSd0 (A.137; B.187)	5	631-641	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	91	9	HSC70 SBD2: 131.5%

WT-SBD-mutant

Cross-link	Protein	Modification	Bonds	Charge	Scan	Forms found	Theoretical LL m/z (1+)	Theoretical LL m/z (X+)	Theoretical LH m/z (1+)	Theoretical LH m/z (X+)	Theoretical HL m/z (1+)	Theoretical HL m/z (X+)	Theoretical HH m/z (1+)	Theoretical HH m/z (X+)	Inter CL (%)	Intra CL (%)	Correction ratios
IINEPTAAAIAYGLDKK - LDKSQIHDIVLVGGSTR	HSC70 SBD (172, 188) [A] - HSC70 SBD (326, 342) [B]		DSSd0 (A.187; B.328)	5	550-557	3	3763.064	753.4186	3786.9929	758.2044	3783.0047	757.4068	3806.9336	762.1925	---	----	HSC70 SBD: 109.4%
IINEPTAAAIAYGLDKK - LDKSQIHDIVLVGGSTR	HSC70 SBD (172, 188) [A] - HSC70 WT (326, 342) [B]		DSSd0 (A.187; B.328)	5	550-557	3	3763.064	753.4186	3786.9929	758.2044	3783.0047	757.4068	3806.9336	762.1925	---	----	HSC70 SBD: 109.4%
LDKSQIHDIVLVGGSTR - IINEPTAAAIAYGLDKK	HSC70 SBD (326, 342) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.328; B.187)	5	550-557	3	3763.064	753.4186	3783.0047	757.4068	3786.9929	758.2044	3806.9336	762.1925	---	----	HSC70 SBD: 109.4%
IINEPTAAAIAYGLDKK - LDKSQIHDIVLVGGSTR	HSC70 WT (172, 188) [A] - HSC70 WT (326, 342) [B]		DSSd0 (A.187; B.328)	5	550-557	3	3763.064	753.4186	3786.9929	758.2044	3783.0047	757.4068	3806.9336	762.1925	---	----	HSC70 WT: 109.4%
IPKIQK - ATVEDEKLQGK	HSC70 SBD (343, 348) [A] - HSC70 SBD (551, 561) [B]		DSSd0 (A.345; B.557)	4	320-327	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	134	0	HSC70 SBD: 109.4%
IPKIQK - ATVEDEKLQGK	HSC70 SBD (343, 348) [A] - HSC70 WT (551, 561) [B]		DSSd0 (A.345; B.557)	4	320-327	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	134	0	HSC70 SBD: 109.4%
ATVEDEKLQGK - IPKIQK	HSC70 SBD (551, 561) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.557; B.345)	4	320-327	4	2081.1852	521.0518	2090.1586	523.2951	2095.1437	524.5414	2104.1171	526.7847	134	0	HSC70 SBD: 109.4%
IPKIQK - ATVEDEKLQGK	HSC70 WT (343, 348) [A] - HSC70 WT (551, 561) [B]		DSSd0 (A.345; B.557)	4	320-327	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	134	0	HSC70 WT: 109.4%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 SBD (156, 171) [A] - HSC70 SBD (343, 348) [B]		DSSd0 (A.159; B.345)	4	439-446	3	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	---	----	HSC70 SBD: 109.4%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 SBD (156, 171) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.159; B.345)	4	439-446	3	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	---	----	HSC70 SBD: 109.4%
IPKIQK - QATKDAGTIAGLNVLR	HSC70 SBD (343, 348) [A] - HSC70 WT (156, 171) [B]		DSSd0 (A.345; B.159)	4	439-446	3	2491.4606	623.6206	2513.3954	629.1043	2500.4339	625.8639	2522.3687	631.3476	---	----	HSC70 SBD: 109.4%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 WT (156, 171) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.159; B.345)	4	439-446	3	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	---	----	HSC70 WT: 109.4%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 SBD (172, 188) [A] - HSC70 SBD (252, 258) [B]		DSSd0 (A.187; B.257)	4	466-469	3	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	---	----	HSC70 SBD: 109.4%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 SBD (172, 188) [A] - HSC70 WT (252, 258) [B]		DSSd0 (A.187; B.257)	4	466-469	3	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	---	----	HSC70 SBD: 109.4%
DISENKR - IINEPTAAAIAYGLDKK	HSC70 SBD (252, 258) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.257; B.187)	4	466-469	3	2786.4935	697.3788	2806.4341	702.364	2798.4579	700.3699	2818.3986	705.3551	---	----	HSC70 SBD: 109.4%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 WT (172, 188) [A] - HSC70 WT (252, 258) [B]		DSSd0 (A.187; B.257)	4	466-469	3	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	---	----	HSC70 WT: 109.4%
IINEPTAAAIAYGLDKK - AKR	HSC70 SBD (172, 188) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.187; B.271)	4	438-441	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	20	80	HSC70 SBD: 109.4%
IINEPTAAAIAYGLDKK - AKR	HSC70 SBD (172, 188) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.187; B.271)	4	438-441	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	20	80	HSC70 SBD: 109.4%
AKR - IINEPTAAAIAYGLDKK	HSC70 SBD (270, 272) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.271; B.187)	4	438-441	4	2299.302	575.581	2319.2427	580.5661	2306.2813	577.3258	2326.222	582.3109	20	80	HSC70 SBD: 109.4%
IINEPTAAAIAYGLDKK - AKR	HSC70 WT (172, 188) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.187; B.271)	4	438-441	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	20	80	HSC70 WT: 109.4%
GPAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR - IINEPTAAAIAYGLDKK	HSC70 SBD (4, 36) [A] - HSC70 SBD (172, 188) [B]	carbamidomethylation (A.17)	DSSd0 (A.25; B.187)	5	596-600	2	5397.7788	1080.3616	5417.7195	1084.3497	5440.6513	1088.9361	5460.592	1092.9242	---	----	HSC70 SBD: 109.4%
GPAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR - IINEPTAAAIAYGLDKK	HSC70 SBD (4, 36) [A] - HSC70 WT (172, 188) [B]	carbamidomethylation (A.17)	DSSd0 (A.25; B.187)	5	596-600	2	5397.7788	1080.3616	5417.7195	1084.3497	5440.6513	1088.9361	5460.592	1092.9242	---	----	HSC70 SBD: 109.4%
IINEPTAAAIAYGLDKK - GPAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR	HSC70 SBD (172, 188) [A] - HSC70 WT (4, 36) [B]	carbamidomethylation (B.17)	DSSd0 (A.187; B.25)	5	596-600	2	5397.7788	1080.3616	5440.6513	1088.9361	5417.7195	1084.3497	5460.592	1092.9242	---	----	HSC70 SBD: 109.4%
GPAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR - IINEPTAAAIAYGLDKK	HSC70 WT (4, 36) [A] - HSC70 WT (172, 188) [B]	carbamidomethylation (A.17)	DSSd0 (A.25; B.187)	5	596-600	2	5397.7788	1080.3616	5417.7195	1084.3497	5440.6513	1088.9361	5460.592	1092.9242	---	----	HSC70 WT: 109.4%
GTLDPVEKALR - ATVEDEKLQGK	HSC70 SBD (312, 322) [A] - HSC70 SBD (551, 561) [B]		DSSd0 (A.319; B.557)	4	427-427	3	2553.377	639.0997	2567.3355	642.5893	2568.3325	642.8386	2582.291	646.3282	---	----	HSC70 SBD: 109.4%
GTLDPVEKALR - ATVEDEKLQGK	HSC70 SBD (312, 322) [A] - HSC70 WT (551, 561) [B]		DSSd0 (A.319; B.557)	4	427-427	3	2553.377	639.0997	2567.3355	642.5893	2568.3325	642.8386	2582.291	646.3282	---	----	HSC70 SBD: 109.4%
ATVEDEKLQGK - GTLDPVEKALR	HSC70 SBD (551, 561) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.557; B.319)	4	427-427	3	2553.377	639.0997	2568.3325	642.8386	2567.3355	642.5893	2582.291	646.3282	---	----	HSC70 SBD: 109.4%
GTLDPVEKALR - ATVEDEKLQGK	HSC70 WT (312, 322) [A] - HSC70 WT (551, 561) [B]		DSSd0 (A.319; B.557)	4	427-427	3	2553.377	639.0997	2567.3355	642.5893	2568.3325	642.8386	2582.291	646.3282	---	----	HSC70 WT: 109.4%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 SBD (156, 171) [A] - HSC70 SBD (312, 322) [B]		DSSd0 (A.159; B.319)	4	518-521	3	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	---	----	HSC70 SBD: 109.4%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 SBD (156, 171) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.159; B.319)	4	518-521	3	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	---	----	HSC70 SBD: 109.4%
GTLDPVEKALR - QATKDAGTIAGLNVLR	HSC70 SBD (312, 322) [A] - HSC70 WT (156, 171) [B]		DSSd0 (A.319; B.159)	4	518-521	3	2963.6524	741.6686	2985.5872	747.1523	2978.6079	745.4074	3000.5427	750.8911	---	----	HSC70 SBD: 109.4%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 WT (156, 171) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.159; B.319)	4	518-521	3	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	---	----	HSC70 WT: 109.4%
NQVAMNPTNTVFDAKR - QATKDAGTIAGLNVLR	HSC70 SBD (57, 72) [A] - HSC70 SBD (156, 171) [B]		DSSd0 (A.71; B.159)	4	504-508	4	3570.8697	893.4729	3592.8045	898.9566	3594.7985	899.4551	3616.7333	904.9388	32	68	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - QATKDAGTIAGLNVLR	HSC70 SBD (57, 72) [A] - HSC70 WT (156, 171) [B]		DSSd0 (A.71; B.159)	4	504-508	4	3570.8697	893.4729	3592.8045	898.9566	3594.7985	899.4551	3616.7333	904.9388	32	68	HSC70 SBD: 109.4%
QATKDAGTIAGLNVLR - NQVAMNPTNTVFDAKR	HSC70 SBD (156, 171) [A] - HSC70 WT (57, 72) [B]		DSSd0 (A.159; B.71)	4	504-508	4	3570.8697	893.4729	3594.7985	899.4551	3592.8045	898.9566	3616.7333	904.9388	32	68	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - QATKDAGTIAGLNVLR	HSC70 WT (57, 72) [A] - HSC70 WT (156, 171) [B]		DSSd0 (A.71; B.159)	4	504-508	4	3570.8697	893.4729	3592.8045	898.9566	3594.7985	899.4551	3616.7333	904.9388	32	68	HSC70 WT: 109.4%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 SBD (57, 72) [A] - HSC70 SBD (343, 348) [B]		DSSd0 (A.71; B.345)	4	413-416	2	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	---	----	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 SBD (57, 72) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.71; B.345)	4	413-416	2	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	---	----	HSC70 SBD: 109.4%

IPKIQK - NQVAMNPTNTVFDAKR	HSC70 SBD (343, 348) [A] - HSC70 WT (57, 72) [B]		DSSd0 (A.345; B.71)	4	413-416	2	2669.4443	668.1165	2693.3732	674.0987	2678.4176	670.3599	2702.3465	676.3421	---	----	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 WT (57, 72) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.71; B.345)	4	413-416	2	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	---	----	HSC70 WT: 109.4%
KHK - CNEIINWLDKNQTAEK	HSC70 SBD (248, 250) [A] - HSC70 SBD (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	412-417	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	150	0	HSC70 SBD: 109.4%
KHK - CNEIINWLDKNQTAEK	HSC70 SBD (248, 250) [A] - HSC70 WT (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	412-417	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	150	0	HSC70 SBD: 109.4%
HKK - CNEIINWLDKNQTAEK	HSC70 SBD (249, 251) [A] - HSC70 SBD (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	412-417	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	150	0	HSC70 SBD: 109.4%
HKK - CNEIINWLDKNQTAEK	HSC70 SBD (249, 251) [A] - HSC70 WT (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	412-417	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	150	0	HSC70 SBD: 109.4%
CNEIINWLDKNQTAEK - KHK	HSC70 SBD (574, 589) [A] - HSC70 WT (248, 250) [B]	carbamidomethylation (A.574)	DSSd0 (A.583; B.248)	4	412-417	4	2525.2817	632.0759	2532.2609	633.8207	2548.2135	637.8088	2555.1927	639.5536	150	0	HSC70 SBD: 109.4%
CNEIINWLDKNQTAEK - HKK	HSC70 SBD (574, 589) [A] - HSC70 WT (249, 251) [B]	carbamidomethylation (A.574)	DSSd0 (A.583; B.250)	4	412-417	4	2525.2817	632.0759	2532.2609	633.8207	2548.2135	637.8088	2555.1927	639.5536	150	0	HSC70 SBD: 109.4%
KHK - CNEIINWLDKNQTAEK	HSC70 WT (248, 250) [A] - HSC70 WT (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.248; B.583)	4	412-417	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	150	0	HSC70 WT: 109.4%
HKK - CNEIINWLDKNQTAEK	HSC70 WT (249, 251) [A] - HSC70 WT (574, 589) [B]	carbamidomethylation (B.574)	DSSd0 (A.250; B.583)	4	412-417	4	2525.2817	632.0759	2548.2135	637.8088	2532.2609	633.8207	2555.1927	639.5536	150	0	HSC70 WT: 109.4%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 SBD (57, 72) [A] - HSC70 SBD (312, 322) [B]		DSSd0 (A.71; B.319)	4	492-496	4	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	29	71	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 SBD (57, 72) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.71; B.319)	4	492-496	4	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	29	71	HSC70 SBD: 109.4%
GTLDPVEKALR - NQVAMNPTNTVFDAKR	HSC70 SBD (312, 322) [A] - HSC70 WT (57, 72) [B]		DSSd0 (A.319; B.71)	4	492-496	4	3141.6361	786.1645	3165.5649	792.1467	3156.5916	789.9034	3180.5205	795.8856	29	71	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 WT (57, 72) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.71; B.319)	4	492-496	4	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	29	71	HSC70 WT: 109.4%
NQVAMNPTNTVFDAKR - AKR	HSC70 SBD (57, 72) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.71; B.271)	4	359-363	3	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	---	----	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - AKR	HSC70 SBD (57, 72) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.71; B.271)	4	359-363	3	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	---	----	HSC70 SBD: 109.4%
AKR - NQVAMNPTNTVFDAKR	HSC70 SBD (270, 272) [A] - HSC70 WT (57, 72) [B]		DSSd0 (A.271; B.71)	4	359-363	3	2317.2081	580.0575	2341.137	586.0397	2324.1874	581.8023	2348.1162	587.7845	---	----	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - AKR	HSC70 WT (57, 72) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.71; B.271)	4	359-363	3	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	---	----	HSC70 WT: 109.4%
IPKIQK - NSLESYAFNMKATVEDEK	HSC70 SBD (343, 348) [A] - HSC70 SBD (540, 557) [B]		DSSd0 (A.345; B.550)	4	518-519	3	2939.5071	735.6322	2961.4418	741.1159	2948.4804	737.8755	2970.4151	743.3592	---	----	HSC70 SBD: 109.4%
IPKIQK - NSLESYAFNMKATVEDEK	HSC70 SBD (343, 348) [A] - HSC70 WT (540, 557) [B]		DSSd0 (A.345; B.550)	4	518-519	3	2939.5071	735.6322	2961.4418	741.1159	2948.4804	737.8755	2970.4151	743.3592	---	----	HSC70 SBD: 109.4%
NSLESYAFNMKATVEDEK - IPKIQK	HSC70 SBD (540, 557) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.550; B.345)	4	518-519	3	2939.5071	735.6322	2948.4804	737.8755	2961.4418	741.1159	2970.4151	743.3592	---	----	HSC70 SBD: 109.4%
IPKIQK - NSLESYAFNMKATVEDEK	HSC70 WT (343, 348) [A] - HSC70 WT (540, 557) [B]		DSSd0 (A.345; B.550)	4	518-519	3	2939.5071	735.6322	2961.4418	741.1159	2948.4804	737.8755	2970.4151	743.3592	---	----	HSC70 WT: 109.4%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 SBD (57, 72) [A] - HSC70 SBD (252, 258) [B]		DSSd0 (A.71; B.257)	4	394-398	3	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	---	----	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 SBD (57, 72) [A] - HSC70 WT (252, 258) [B]		DSSd0 (A.71; B.257)	4	394-398	3	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	---	----	HSC70 SBD: 109.4%
DISENKR - NQVAMNPTNTVFDAKR	HSC70 SBD (252, 258) [A] - HSC70 WT (57, 72) [B]		DSSd0 (A.257; B.71)	4	394-398	3	2804.3996	701.8553	2828.3284	707.8376	2816.364	704.8465	2840.2928	710.8287	---	----	HSC70 SBD: 109.4%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 WT (57, 72) [A] - HSC70 WT (252, 258) [B]		DSSd0 (A.71; B.257)	4	394-398	3	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	---	----	HSC70 WT: 109.4%
QATKDAGTIAGLNVLR - AKR	HSC70 SBD (156, 171) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.159; B.271)	4	392-396	3	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	---	----	HSC70 SBD: 109.4%
QATKDAGTIAGLNVLR - AKR	HSC70 SBD (156, 171) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.159; B.271)	4	392-396	3	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	---	----	HSC70 SBD: 109.4%
AKR - QATKDAGTIAGLNVLR	HSC70 SBD (270, 272) [A] - HSC70 WT (156, 171) [B]		DSSd0 (A.271; B.159)	4	392-396	3	2139.2244	535.5616	2161.1592	541.0453	2146.2037	537.3064	2168.1384	542.7901	---	----	HSC70 SBD: 109.4%
QATKDAGTIAGLNVLR - AKR	HSC70 WT (156, 171) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.159; B.271)	4	392-396	3	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	---	----	HSC70 WT: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 SBD (129, 155) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.137; B.271)	4	550-555	4	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	23	77	HSC70 SBD: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 SBD (129, 155) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.137; B.271)	4	550-555	4	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	23	77	HSC70 SBD: 109.4%
AKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD (270, 272) [A] - HSC70 WT (129, 155) [B]		DSSd0 (A.271; B.137)	4	550-555	4	3467.8169	867.7097	3501.7161	876.1845	3474.7962	869.4545	3508.6953	877.9293	23	77	HSC70 SBD: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 WT (129, 155) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.137; B.271)	4	550-555	4	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	23	77	HSC70 WT: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 SBD (129, 155) [A] - HSC70 SBD (172, 188) [B]		DSSd0 (A.137; B.187)	5	630-640	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	---	----	HSC70 SBD: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 SBD (129, 155) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.137; B.187)	5	630-640	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	---	----	HSC70 SBD: 109.4%
IINEPTAAAIAYGLDKK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD (172, 188) [A] - HSC70 WT (129, 155) [B]		DSSd0 (A.187; B.137)	5	630-640	4	4881.5561	977.117	4915.4552	983.8969	4901.4968	981.1052	4935.3959	987.885	---	----	HSC70 SBD: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 WT (129, 155) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.137; B.187)	5	630-640	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	---	----	HSC70 WT: 109.4%
IPKIQK - MVQEAEKYK	HSC70 SBD (343, 348) [A] - HSC70 SBD (518, 526) [B]		DSSd0 (A.345; B.524)	4	296-299	3	1989.1089	498.0327	2001.0733	501.0238	1998.0822	500.276	2010.0466	503.2671	---	----	HSC70 SBD: 109.4%
IPKIQK - MVQEAEKYK	HSC70 SBD (343, 348) [A] - HSC70 WT (518, 526) [B]		DSSd0 (A.345; B.524)	4	296-299	3	1989.1089	498.0327	2001.0733	501.0238	1998.0822	500.276	2010.0466	503.2671	---	----	HSC70 SBD: 109.4%
MVQEAEKYK - IPKIQK	HSC70 SBD (518, 526) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.524; B.345)	4	296-299	3	1989.1089	498.0327	1998.0822	500.276	2001.0733	501.0238	2010.0466	503.2671	---	----	HSC70 SBD: 109.4%
IPKIQK - MVQEAEKYK	HSC70 WT (343, 348) [A] - HSC70 WT (518, 526) [B]		DSSd0 (A.345; B.524)	4	296-299	3	1989.1089	498.0327	2001.0733	501.0238	1998.0822	500.276	2010.0466	503.2671	---	----	HSC70 WT: 109.4%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 SBD (113, 128) [A] - HSC70 SBD (358, 384) [B]		DSSd0 (A.126; B.361)	4	706-712	4	4757.394	1190.104	4789.2991	1198.0802	4775.3406	1194.5906	4807.2457	1202.5669	153	0	HSC70 SBD: 109.4%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 SBD (113, 128) [A] - HSC70 WT (358, 384) [B]		DSSd0 (A.126; B.361)	4	706-712	4	4757.394	1190.104	4789.2991	1198.0802	4775.3406	1194.5906	4807.2457	1202.5669	153	0	HSC70 SBD: 109.4%
ELNKSINPDEAVAYGAAVQAAILSGDK - SFYPEEVSSMVLTKMK	HSC70 SBD (358, 384) [A] - HSC70 WT (113, 128) [B]		DSSd0 (A.361; B.126)	4	706-712	4	4757.394	1190.104	4775.3406	1194.5906	4789.2991	1198.0802	4807.2457	1202.5669	153	0	HSC70 SBD: 109.4%
SFYPEEVSSMVLTKMK - ELNKSINPDEAVAYGAAVQAAILSGDK	HSC70 WT (113, 128) [A] - HSC70 WT (358, 384) [B]		DSSd0 (A.126; B.361)	4	706-712	4	4757.394	1190.104	4789.2991	1198.0802	4775.3406	1194.5906	4807.2457	1202.5669	153	0	HSC70 WT: 109.4%

LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 SBD (326, 342) [A] - HSC70 SBD (551, 561) [B]		DSSd0 (A.328; B.557)	5	452-457	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	137	0	HSC70 SBD: 109.4%
LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 SBD (326, 342) [A] - HSC70 WT (551, 561) [B]		DSSd0 (A.328; B.557)	5	452-457	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	137	0	HSC70 SBD: 109.4%
ATVEDEKLQGK - LDKSQIHDIVLVGGSTR	HSC70 SBD (551, 561) [A] - HSC70 WT (326, 342) [B]		DSSd0 (A.557; B.328)	5	452-457	4	3192.711	639.348	3216.6399	644.1338	3206.6695	642.1397	3230.5984	646.9255	137	0	HSC70 SBD: 109.4%
LDKSQIHDIVLVGGSTR - ATVEDEKLQGK	HSC70 WT (326, 342) [A] - HSC70 WT (551, 561) [B]		DSSd0 (A.328; B.557)	5	452-457	4	3192.711	639.348	3206.6695	642.1397	3216.6399	644.1338	3230.5984	646.9255	137	0	HSC70 WT: 109.4%
LIGDAAKNQVAMNPTNTVFDAK - AMTKDNNLLGK	HSC70 SBD (50, 71) [A] - HSC70 SBD (448, 458) [B]		DSSd0 (A.56; B.451)	4	475-478	3	3659.8771	915.7247	3674.8327	919.4636	3687.7941	922.704	3702.7496	926.4429	---	----	HSC70 SBD: 109.4%
LIGDAAKNQVAMNPTNTVFDAK - AMTKDNNLLGK	HSC70 SBD (50, 71) [A] - HSC70 WT (448, 458) [B]		DSSd0 (A.56; B.451)	4	475-478	3	3659.8771	915.7247	3674.8327	919.4636	3687.7941	922.704	3702.7496	926.4429	---	----	HSC70 SBD: 109.4%
AMTKDNNLLGK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (448, 458) [A] - HSC70 WT (50, 71) [B]		DSSd0 (A.451; B.56)	4	475-478	3	3659.8771	915.7247	3687.7941	922.704	3674.8327	919.4636	3702.7496	926.4429	---	----	HSC70 SBD: 109.4%
LIGDAAKNQVAMNPTNTVFDAK - AMTKDNNLLGK	HSC70 WT (50, 71) [A] - HSC70 WT (448, 458) [B]		DSSd0 (A.56; B.451)	4	475-478	3	3659.8771	915.7247	3674.8327	919.4636	3687.7941	922.704	3702.7496	926.4429	---	----	HSC70 WT: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 SBD (129, 155) [A] - HSC70 SBD (452, 469) [B]		DSSd0 (A.137; B.458)	5	680-691	2	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 SBD: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 SBD (129, 155) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.137; B.458)	5	680-691	2	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 SBD: 109.4%
DNNLLGKFELTGIPPAPR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD (452, 469) [A] - HSC70 WT (129, 155) [B]		DSSd0 (A.458; B.137)	5	680-691	2	5045.6259	1009.931	5079.5251	1016.7108	5069.5547	1014.7168	5103.4539	1021.4966	---	----	HSC70 SBD: 109.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 WT (129, 155) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.137; B.458)	5	680-691	2	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 WT: 109.4%

linker-mutant-linker-mutant

Cross-link	Protein	Modification	Bonds	Charge	Scan	Forms found	Theoretical LL m/z (1+)	Theoretical LL m/z (X+)	Theoretical LH m/z (1+)	Theoretical LH m/z (X+)	Theoretical HL m/z (1+)	Theoretical HL m/z (X+)	Theoretical HH m/z (1+)	Theoretical HH m/z (X+)	Inter CL (%)	Intra CL (%)	Correction ratios
DISENKR - LSKEDIER	HSC70 linker1 (252, 258) [A] - HSC70 linker1 (510, 517) [B]		DSSd0 (A.257; B.512)	4	270-273	4	1988.0295	497.7628	1999.9939	500.7539	1999.9939	500.7539	2011.9583	503.745	13	87	HSC70 linker1: 96.7%
DISENKR - LSKEDIER	HSC70 linker1 (252, 258) [A] - HSC70 linker2 (510, 517) [B]		DSSd0 (A.257; B.512)	4	270-273	4	1988.0295	497.7628	1999.9939	500.7539	1999.9939	500.7539	2011.9583	503.745	13	87	HSC70 linker1: 96.7%
LSKEDIER - DISENKR	HSC70 linker1 (510, 517) [A] - HSC70 linker2 (252, 258) [B]		DSSd0 (A.512; B.257)	4	270-273	4	1988.0295	497.7628	1999.9939	500.7539	1999.9939	500.7539	2011.9583	503.745	13	87	HSC70 linker1: 96.7%
DISENKR - LSKEDIER	HSC70 linker2 (252, 258) [A] - HSC70 linker2 (510, 517) [B]		DSSd0 (A.257; B.512)	4	270-273	4	1988.0295	497.7628	1999.9939	500.7539	1999.9939	500.7539	2011.9583	503.745	13	87	HSC70 linker2: 96.7%
IPKIQK - ATVEDEKLQGK	HSC70 linker1 (343, 348) [A] - HSC70 linker1 (551, 561) [B]		DSSd0 (A.345; B.557)	4	279-286	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	9	91	HSC70 linker1: 96.7%
IPKIQK - ATVEDEKLQGK	HSC70 linker1 (343, 348) [A] - HSC70 linker2 (551, 561) [B]		DSSd0 (A.345; B.557)	4	279-286	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	9	91	HSC70 linker1: 96.7%
ATVEDEKLQGK - IPKIQK	HSC70 linker1 (551, 561) [A] - HSC70 linker2 (343, 348) [B]		DSSd0 (A.557; B.345)	4	279-286	4	2081.1852	521.0518	2090.1586	523.2951	2095.1437	524.5414	2104.1171	526.7847	9	91	HSC70 linker1: 96.7%
IPKIQK - ATVEDEKLQGK	HSC70 linker2 (343, 348) [A] - HSC70 linker2 (551, 561) [B]		DSSd0 (A.345; B.557)	4	279-286	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	9	91	HSC70 linker2: 96.7%
IINEPTAAAIAYGLDKK - AKR	HSC70 linker1 (172, 188) [A] - HSC70 linker1 (270, 272) [B]		DSSd0 (A.187; B.271)	4	404-410	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	23	77	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - AKR	HSC70 linker1 (172, 188) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.187; B.271)	4	404-410	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	23	77	HSC70 linker1: 96.7%
AKR - IINEPTAAAIAYGLDKK	HSC70 linker1 (270, 272) [A] - HSC70 linker2 (172, 188) [B]		DSSd0 (A.271; B.187)	4	404-410	4	2299.302	575.581	2319.2427	580.5661	2306.2813	577.3258	2326.222	582.3109	23	77	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - AKR	HSC70 linker2 (172, 188) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.187; B.271)	4	404-410	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	23	77	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - AKR	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (270, 272) [B]		DSSd0 (A.71; B.271)	4	318-326	4	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	26	74	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - AKR	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.71; B.271)	4	318-326	4	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	26	74	HSC70 linker1: 96.7%
AKR - NQVAMNPTNTVFDAKR	HSC70 linker1 (270, 272) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.271; B.71)	4	318-326	4	2317.2081	580.0575	2341.137	586.0397	2324.1874	581.8023	2348.1162	587.7845	26	74	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - AKR	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.71; B.271)	4	318-326	4	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	26	74	HSC70 linker2: 96.7%
GTLDPVEKALR - LSKEDIER	HSC70 linker1 (312, 322) [A] - HSC70 linker1 (510, 517) [B]		DSSd0 (A.319; B.512)	4	402-405	3	2325.266	582.072	2337.2304	585.0631	2340.2215	585.8108	2352.186	588.8019	---	----	HSC70 linker1: 96.7%
GTLDPVEKALR - LSKEDIER	HSC70 linker1 (312, 322) [A] - HSC70 linker2 (510, 517) [B]		DSSd0 (A.319; B.512)	4	402-405	3	2325.266	582.072	2337.2304	585.0631	2340.2215	585.8108	2352.186	588.8019	---	----	HSC70 linker1: 96.7%
LSKEDIER - GTLDPVEKALR	HSC70 linker1 (510, 517) [A] - HSC70 linker2 (312, 322) [B]		DSSd0 (A.512; B.319)	4	402-405	3	2325.266	582.072	2340.2215	585.8108	2337.2304	585.0631	2352.186	588.8019	---	----	HSC70 linker1: 96.7%
GTLDPVEKALR - LSKEDIER	HSC70 linker2 (312, 322) [A] - HSC70 linker2 (510, 517) [B]		DSSd0 (A.319; B.512)	4	402-405	3	2325.266	582.072	2337.2304	585.0631	2340.2215	585.8108	2352.186	588.8019	---	----	HSC70 linker2: 96.7%
AMTKDNNLLGK - LSKEDIER	HSC70 linker1 (448, 458) [A] - HSC70 linker1 (510, 517) [B]		DSSd0 (A.451; B.512)	4	342-353	4	2331.2224	583.5611	2343.1869	586.5522	2346.178	587.2999	2358.1424	590.2911	9	91	HSC70 linker1: 96.7%
AMTKDNNLLGK - LSKEDIER	HSC70 linker1 (448, 458) [A] - HSC70 linker2 (510, 517) [B]		DSSd0 (A.451; B.512)	4	342-353	4	2331.2224	583.5611	2343.1869	586.5522	2346.178	587.2999	2358.1424	590.2911	9	91	HSC70 linker1: 96.7%
LSKEDIER - AMTKDNNLLGK	HSC70 linker1 (510, 517) [A] - HSC70 linker2 (448, 458) [B]		DSSd0 (A.512; B.451)	4	342-353	4	2331.2224	583.5611	2346.178	587.2999	2343.1869	586.5522	2358.1424	590.2911	9	91	HSC70 linker1: 96.7%
AMTKDNNLLGK - LSKEDIER	HSC70 linker2 (448, 458) [A] - HSC70 linker2 (510, 517) [B]		DSSd0 (A.451; B.512)	4	342-353	4	2331.2224	583.5611	2343.1869	586.5522	2346.178	587.2999	2358.1424	590.2911	9	91	HSC70 linker2: 96.7%
AKR - LDKSQIHDIVLVGGSTR	HSC70 linker1 (270, 272) [A] - HSC70 linker1 (326, 342) [B]		DSSd0 (A.271; B.328)	5	362-372	3	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	---	----	HSC70 linker1: 96.7%
AKR - LDKSQIHDIVLVGGSTR	HSC70 linker1 (270, 272) [A] - HSC70 linker2 (326, 342) [B]		DSSd0 (A.271; B.328)	5	362-372	3	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	---	----	HSC70 linker1: 96.7%
LDKSQIHDIVLVGGSTR - AKR	HSC70 linker1 (326, 342) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.328; B.271)	5	362-372	3	2349.3249	470.6708	2356.3041	472.0666	2373.2537	475.4566	2380.233	476.8524	---	----	HSC70 linker1: 96.7%
AKR - LDKSQIHDIVLVGGSTR	HSC70 linker2 (270, 272) [A] - HSC70 linker2 (326, 342) [B]		DSSd0 (A.271; B.328)	5	362-372	3	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	---	----	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - KHK	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (248, 250) [B]		DSSd0 (A.71; B.248)	4	283-290	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	31	69	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - HKK	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (249, 251) [B]		DSSd0 (A.71; B.250)	4	283-290	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	31	69	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - KHK	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (248, 250) [B]		DSSd0 (A.71; B.248)	4	283-290	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	31	69	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - HKK	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (249, 251) [B]		DSSd0 (A.71; B.250)	4	283-290	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	31	69	HSC70 linker1: 96.7%

KHK - NQVAMNPTNTVFDAKR	HSC70 linker1 (248, 250) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.248; B.71)	4	283-290	4	2355.2238	589.5614	2379.1526	595.5436	2362.203	591.3062	2386.1319	597.2884	31	69	HSC70 linker1: 96.7%
HKK - NQVAMNPTNTVFDAKR	HSC70 linker1 (249, 251) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.250; B.71)	4	283-290	4	2355.2238	589.5614	2379.1526	595.5436	2362.203	591.3062	2386.1319	597.2884	31	69	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - KHK	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (248, 250) [B]		DSSd0 (A.71; B.248)	4	283-290	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	31	69	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - HKK	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (249, 251) [B]		DSSd0 (A.71; B.250)	4	283-290	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	31	69	HSC70 linker2: 96.7%
SFYPEEVSSMVLTKMK - AKR	HSC70 linker1 (113, 128) [A] - HSC70 linker1 (270, 272) [B]		DSSd0 (A.126; B.271)	4	512-516	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	22	78	HSC70 linker1: 96.7%
SFYPEEVSSMVLTKMK - AKR	HSC70 linker1 (113, 128) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.126; B.271)	4	512-516	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	22	78	HSC70 linker1: 96.7%
AKR - SFYPEEVSSMVLTKMK	HSC70 linker1 (270, 272) [A] - HSC70 linker2 (113, 128) [B]		DSSd0 (A.271; B.126)	4	512-516	4	2387.2349	597.5642	2405.1815	602.0508	2394.2142	599.309	2412.1608	603.7957	22	78	HSC70 linker1: 96.7%
SFYPEEVSSMVLTKMK - AKR	HSC70 linker2 (113, 128) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.126; B.271)	4	512-516	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	22	78	HSC70 linker2: 96.7%
QATKDAGTIAGLNVLR - KVGAER	HSC70 linker1 (156, 171) [A] - HSC70 linker1 (188, 193) [B]		DSSd0 (A.159; B.188)	4	364-369	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	10	90	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - KVGAER	HSC70 linker1 (156, 171) [A] - HSC70 linker2 (188, 193) [B]		DSSd0 (A.159; B.188)	4	364-369	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	10	90	HSC70 linker1: 96.7%
KVGAER - QATKDAGTIAGLNVLR	HSC70 linker1 (188, 193) [A] - HSC70 linker2 (156, 171) [B]		DSSd0 (A.188; B.159)	4	364-369	4	2424.3569	606.8447	2446.2917	612.3284	2434.3272	609.3373	2456.262	614.821	10	90	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - KVGAER	HSC70 linker2 (156, 171) [A] - HSC70 linker2 (188, 193) [B]		DSSd0 (A.159; B.188)	4	364-369	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	10	90	HSC70 linker2: 96.7%
IPKIQK - EEFEHQQKELEK	HSC70 linker1 (343, 348) [A] - HSC70 linker1 (590, 601) [B]		DSSd0 (A.345; B.597)	4	254-258	3	2437.2973	610.0798	2455.2439	614.5664	2446.2706	612.3231	2464.2173	616.8098	---	----	HSC70 linker1: 96.7%
IPKIQK - EEFEHQQKELEK	HSC70 linker1 (343, 348) [A] - HSC70 linker2 (590, 601) [B]		DSSd0 (A.345; B.597)	4	254-258	3	2437.2973	610.0798	2455.2439	614.5664	2446.2706	612.3231	2464.2173	616.8098	---	----	HSC70 linker1: 96.7%
EEFEHQQKELEK - IPKIQK	HSC70 linker1 (590, 601) [A] - HSC70 linker2 (343, 348) [B]		DSSd0 (A.597; B.345)	4	254-258	3	2437.2973	610.0798	2446.2706	612.3231	2455.2439	614.5664	2464.2173	616.8098	---	----	HSC70 linker1: 96.7%
IPKIQK - EEFEHQQKELEK	HSC70 linker2 (343, 348) [A] - HSC70 linker2 (590, 601) [B]		DSSd0 (A.345; B.597)	4	254-258	3	2437.2973	610.0798	2455.2439	614.5664	2446.2706	612.3231	2464.2173	616.8098	---	----	HSC70 linker2: 96.7%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 linker1 (156, 171) [A] - HSC70 linker1 (343, 348) [B]		DSSd0 (A.159; B.345)	4	404-414	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	57	43	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 linker1 (156, 171) [A] - HSC70 linker2 (343, 348) [B]		DSSd0 (A.159; B.345)	4	404-414	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	57	43	HSC70 linker1: 96.7%
IPKIQK - QATKDAGTIAGLNVLR	HSC70 linker1 (343, 348) [A] - HSC70 linker2 (156, 171) [B]		DSSd0 (A.345; B.159)	4	404-414	4	2491.4606	623.6206	2513.3954	629.1043	2500.4339	625.8639	2522.3687	631.3476	57	43	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 linker2 (156, 171) [A] - HSC70 linker2 (343, 348) [B]		DSSd0 (A.159; B.345)	4	404-414	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	57	43	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - DKVSSK	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (534, 539) [B]		DSSd0 (A.71; B.535)	4	337-340	4	2606.3243	652.3365	2614.3006	654.3306	2630.2531	658.3187	2638.2294	660.3128	34	66	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - DKVSSK	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (534, 539) [B]		DSSd0 (A.71; B.535)	4	337-340	4	2606.3243	652.3365	2614.3006	654.3306	2630.2531	658.3187	2638.2294	660.3128	34	66	HSC70 linker1: 96.7%
DKVSSK - NQVAMNPTNTVFDAKR	HSC70 linker1 (534, 539) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.535; B.71)	4	337-340	4	2606.3243	652.3365	2630.2531	658.3187	2614.3006	654.3306	2638.2294	660.3128	34	66	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - DKVSSK	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (534, 539) [B]		DSSd0 (A.71; B.535)	4	337-340	4	2606.3243	652.3365	2614.3006	654.3306	2630.2531	658.3187	2638.2294	660.3128	34	66	HSC70 linker2: 96.7%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 linker1 (172, 188) [A] - HSC70 linker1 (323, 328) [B]		DSSd0 (A.187; B.325)	4	440-444	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	21	79	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 linker1 (172, 188) [A] - HSC70 linker2 (323, 328) [B]		DSSd0 (A.187; B.325)	4	440-444	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	21	79	HSC70 linker1: 96.7%
DAKLDK - IINEPTAAAIAYGLDKK	HSC70 linker1 (323, 328) [A] - HSC70 linker2 (172, 188) [B]		DSSd0 (A.325; B.187)	4	440-444	4	2614.4338	654.3639	2634.3745	659.3491	2622.4101	656.358	2642.3508	661.3432	21	79	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 linker2 (172, 188) [A] - HSC70 linker2 (323, 328) [B]		DSSd0 (A.187; B.325)	4	440-444	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	21	79	HSC70 linker2: 96.7%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 linker1 (172, 188) [A] - HSC70 linker1 (343, 348) [B]		DSSd0 (A.187; B.345)	4	451-456	4	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	35	65	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 linker1 (172, 188) [A] - HSC70 linker2 (343, 348) [B]		DSSd0 (A.187; B.345)	4	451-456	4	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	35	65	HSC70 linker1: 96.7%
IPKIQK - IINEPTAAAIAYGLDKK	HSC70 linker1 (343, 348) [A] - HSC70 linker2 (172, 188) [B]		DSSd0 (A.345; B.187)	4	451-456	4	2651.5382	663.64	2671.4789	668.6252	2660.5115	665.8833	2680.4522	670.8685	35	65	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 linker2 (172, 188) [A] - HSC70 linker2 (343, 348) [B]		DSSd0 (A.187; B.345)	4	451-456	4	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	35	65	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (494, 500) [B]		DSSd0 (A.71; B.497)	4	312-319	4	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	26	74	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (494, 500) [B]		DSSd0 (A.71; B.497)	4	312-319	4	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	26	74	HSC70 linker1: 96.7%
STGKENK - NQVAMNPTNTVFDAKR	HSC70 linker1 (494, 500) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.497; B.71)	4	312-319	4	2706.3516	677.3433	2730.2804	683.3256	2716.3219	679.8359	2740.2507	685.8181	26	74	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (494, 500) [B]		DSSd0 (A.71; B.497)	4	312-319	4	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	26	74	HSC70 linker2: 96.7%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 linker1 (172, 188) [A] - HSC70 linker1 (252, 258) [B]		DSSd0 (A.187; B.257)	4	432-438	4	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	22	78	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 linker1 (172, 188) [A] - HSC70 linker2 (252, 258) [B]		DSSd0 (A.187; B.257)	4	432-438	4	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	22	78	HSC70 linker1: 96.7%
DISENKR - IINEPTAAAIAYGLDKK	HSC70 linker1 (252, 258) [A] - HSC70 linker2 (172, 188) [B]		DSSd0 (A.257; B.187)	4	432-438	4	2786.4935	697.3788	2806.4341	702.364	2798.4579	700.3699	2818.3986	705.3551	22	78	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 linker2 (172, 188) [A] - HSC70 linker2 (252, 258) [B]		DSSd0 (A.187; B.257)	4	432-438	4	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	22	78	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (252, 258) [B]		DSSd0 (A.71; B.257)	4	353-359	4	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	25	75	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (252, 258) [B]		DSSd0 (A.71; B.257)	4	353-359	4	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	25	75	HSC70 linker1: 96.7%
DISENKR - NQVAMNPTNTVFDAKR	HSC70 linker1 (252, 258) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.257; B.71)	4	353-359	4	2804.3996	701.8553	2828.3284	707.8376	2816.364	704.8465	2840.2928	710.8287	25	75	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (252, 258) [B]		DSSd0 (A.71; B.257)	4	353-359	4	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	25	75	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (270, 272) [B]		DSSd0 (A.56; B.271)	4	369-375	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	27	73	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.56; B.271)	4	369-375	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	27	73	HSC70 linker1: 96.7%

AKR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (270, 272) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.271; B.56)	4	369-375	4	2829.4927	708.1286	2857.4097	715.1079	2836.472	709.8735	2864.389	716.8527	27	73	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.56; B.271)	4	369-375	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	27	73	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - KHK	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (248, 250) [B]		DSSd0 (A.56; B.248)	4	337-343	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	22	78	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - HKK	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (249, 251) [B]		DSSd0 (A.56; B.250)	4	337-343	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	22	78	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - KHK	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (248, 250) [B]		DSSd0 (A.56; B.248)	4	337-343	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	22	78	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - HKK	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (249, 251) [B]		DSSd0 (A.56; B.250)	4	337-343	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	22	78	HSC70 linker1: 96.7%
KHK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (248, 250) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.248; B.56)	4	337-343	4	2867.5084	717.6326	2895.4254	724.6118	2874.4876	719.3774	2902.4046	726.3566	22	78	HSC70 linker1: 96.7%
HKK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (249, 251) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.250; B.56)	4	337-343	4	2867.5084	717.6326	2895.4254	724.6118	2874.4876	719.3774	2902.4046	726.3566	22	78	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - KHK	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (248, 250) [B]		DSSd0 (A.56; B.248)	4	337-343	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	22	78	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - HKK	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (249, 251) [B]		DSSd0 (A.56; B.250)	4	337-343	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	22	78	HSC70 linker2: 96.7%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 linker1 (270, 272) [A] - HSC70 linker1 (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	717-720	4	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	20	80	HSC70 linker1: 96.7%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 linker1 (270, 272) [A] - HSC70 linker2 (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	717-720	4	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	20	80	HSC70 linker1: 96.7%
IPKIQKLLQDFFNGKELNK - AKR	HSC70 linker1 (343, 361) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.348; A.357); DSSd0 (A.345; B.271) | DSSd0 (A.345; A.357); DSSd0 (A.348; B.271) | DSSd0 (A.345; A.348); DSSd0 (A.357; B.271)	4	717-720	4	2922.6815	731.4258	2929.6608	733.1706	2949.6015	738.1558	2956.5807	739.9006	20	80	HSC70 linker1: 96.7%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 linker2 (270, 272) [A] - HSC70 linker2 (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	717-720	4	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	20	80	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (501, 509) [B]		DSSd0 (A.71; B.507)	4	377-384	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	31	69	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (501, 509) [B]		DSSd0 (A.71; B.507)	4	377-384	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	31	69	HSC70 linker1: 96.7%
ITITNDKGR - NQVAMNPTNTVFDAKR	HSC70 linker1 (501, 509) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.507; B.71)	4	377-384	4	2960.5258	740.8869	2984.4547	746.8691	2974.4843	744.3765	2998.4132	750.3587	31	69	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (501, 509) [B]		DSSd0 (A.71; B.507)	4	377-384	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	31	69	HSC70 linker2: 96.7%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 linker1 (156, 171) [A] - HSC70 linker1 (312, 322) [B]		DSSd0 (A.159; B.319)	4	487-492	4	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	24	76	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 linker1 (156, 171) [A] - HSC70 linker2 (312, 322) [B]		DSSd0 (A.159; B.319)	4	487-492	4	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	24	76	HSC70 linker1: 96.7%
GTLDPVEKALR - QATKDAGTIAGLNVLR	HSC70 linker1 (312, 322) [A] - HSC70 linker2 (156, 171) [B]		DSSd0 (A.319; B.159)	4	487-492	4	2963.6524	741.6686	2985.5872	747.1523	2978.6079	745.4074	3000.5427	750.8911	24	76	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 linker2 (156, 171) [A] - HSC70 linker2 (312, 322) [B]		DSSd0 (A.159; B.319)	4	487-492	4	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	24	76	HSC70 linker2: 96.7%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 linker1 (156, 171) [A] - HSC70 linker1 (448, 458) [B]		DSSd0 (A.159; B.451)	4	437-441	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	26	74	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 linker1 (156, 171) [A] - HSC70 linker2 (448, 458) [B]		DSSd0 (A.159; B.451)	4	437-441	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	26	74	HSC70 linker1: 96.7%
AMTKDNNLLGK - QATKDAGTIAGLNVLR	HSC70 linker1 (448, 458) [A] - HSC70 linker2 (156, 171) [B]		DSSd0 (A.451; B.159)	4	437-441	4	2969.6088	743.1577	2991.5436	748.6414	2984.5644	746.8965	3006.4991	752.3802	26	74	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 linker2 (156, 171) [A] - HSC70 linker2 (448, 458) [B]		DSSd0 (A.159; B.451)	4	437-441	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	26	74	HSC70 linker2: 96.7%
VQVEYKGETK - IINEPTAAAIAYGLDKK	HSC70 linker1 (103, 112) [A] - HSC70 linker1 (172, 188) [B]		DSSd0 (A.108; B.187)	4	442-446	4	3105.6718	777.1734	3125.6125	782.1586	3118.6333	780.4138	3138.574	785.3989	35	65	HSC70 linker1: 96.7%
VQVEYKGETK - IINEPTAAAIAYGLDKK	HSC70 linker1 (103, 112) [A] - HSC70 linker2 (172, 188) [B]		DSSd0 (A.108; B.187)	4	442-446	4	3105.6718	777.1734	3125.6125	782.1586	3118.6333	780.4138	3138.574	785.3989	35	65	HSC70 linker1: 96.7%
IINEPTAAAIAYGLDKK - VQVEYKGETK	HSC70 linker1 (172, 188) [A] - HSC70 linker2 (103, 112) [B]		DSSd0 (A.187; B.108)	4	442-446	4	3105.6718	777.1734	3118.6333	780.4138	3125.6125	782.1586	3138.574	785.3989	35	65	HSC70 linker1: 96.7%
VQVEYKGETK - IINEPTAAAIAYGLDKK	HSC70 linker2 (103, 112) [A] - HSC70 linker2 (172, 188) [B]		DSSd0 (A.108; B.187)	4	442-446	4	3105.6718	777.1734	3125.6125	782.1586	3118.6333	780.4138	3138.574	785.3989	35	65	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (188, 193) [B]		DSSd0 (A.56; B.188)	4	379-384	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	30	70	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (188, 193) [B]		DSSd0 (A.56; B.188)	4	379-384	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	30	70	HSC70 linker1: 96.7%
KVGAER - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (188, 193) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.188; B.56)	4	379-384	4	3114.6252	779.4118	3142.5422	786.391	3124.5956	781.9043	3152.5125	788.8836	30	70	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (188, 193) [B]		DSSd0 (A.56; B.188)	4	379-384	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	30	70	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - DAKLDK	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (323, 328) [B]		DSSd0 (A.56; B.325)	4	404-408	3	3144.6245	786.9116	3152.6008	788.9057	3172.5415	793.8908	3180.5178	795.8849	---	----	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - DAKLDK	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (323, 328) [B]		DSSd0 (A.56; B.325)	4	404-408	3	3144.6245	786.9116	3152.6008	788.9057	3172.5415	793.8908	3180.5178	795.8849	---	----	HSC70 linker1: 96.7%
DAKLDK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (323, 328) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.325; B.56)	4	404-408	3	3144.6245	786.9116	3172.5415	793.8908	3152.6008	788.9057	3180.5178	795.8849	---	----	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - DAKLDK	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (323, 328) [B]		DSSd0 (A.56; B.325)	4	404-408	3	3144.6245	786.9116	3152.6008	788.9057	3172.5415	793.8908	3180.5178	795.8849	---	----	HSC70 linker2: 96.7%

LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (343, 348) [B]		DSSd0 (A.56; B.345)	4	414-419	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	42	58	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (343, 348) [B]		DSSd0 (A.56; B.345)	4	414-419	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	42	58	HSC70 linker1: 96.7%
IPKIQK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (343, 348) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.345; B.56)	4	414-419	4	3181.7289	796.1877	3209.6459	803.1669	3190.7023	798.431	3218.6192	805.4103	42	58	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (343, 348) [B]		DSSd0 (A.56; B.345)	4	414-419	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	42	58	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (494, 500) [B]		DSSd0 (A.56; B.497)	4	364-370	4	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	28	72	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (494, 500) [B]		DSSd0 (A.56; B.497)	4	364-370	4	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	28	72	HSC70 linker1: 96.7%
STGKENK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (494, 500) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.497; B.56)	4	364-370	4	3218.6362	805.4145	3246.5531	812.3937	3228.6065	807.9071	3256.5235	814.8863	28	72	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (494, 500) [B]		DSSd0 (A.56; B.497)	4	364-370	4	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	28	72	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (237, 247) [B]		DSSd0 (A.71; B.246)	4	461-468	4	3334.6823	834.426	3352.629	838.9127	3358.6112	840.4083	3376.5578	844.8949	30	70	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (237, 247) [B]		DSSd0 (A.71; B.246)	4	461-468	4	3334.6823	834.426	3352.629	838.9127	3358.6112	840.4083	3376.5578	844.8949	30	70	HSC70 linker1: 96.7%
MVNHFIAEFKR - NQVAMNPTNTVFDAKR	HSC70 linker1 (237, 247) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.246; B.71)	4	461-468	4	3334.6823	834.426	3358.6112	840.4083	3352.629	838.9127	3376.5578	844.8949	30	70	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (237, 247) [B]		DSSd0 (A.71; B.246)	4	461-468	4	3334.6823	834.426	3352.629	838.9127	3358.6112	840.4083	3376.5578	844.8949	30	70	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - LQGKINDEDKQK	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (558, 569) [B]		DSSd0 (A.71; B.561) | DSSd0 (A.71; B.567)	5	335-340	4	3358.706	672.547	3376.6526	676.1363	3382.6348	677.3328	3400.5814	680.9221	51	49	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - LQGKINDEDKQK	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (558, 569) [B]		DSSd0 (A.71; B.561) | DSSd0 (A.71; B.567)	5	335-340	4	3358.706	672.547	3376.6526	676.1363	3382.6348	677.3328	3400.5814	680.9221	51	49	HSC70 linker1: 96.7%
LQGKINDEDKQK - NQVAMNPTNTVFDAKR	HSC70 linker1 (558, 569) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.561; B.71) | DSSd0 (A.567; B.71)	5	335-340	4	3358.706	672.547	3382.6348	677.3328	3376.6526	676.1363	3400.5814	680.9221	51	49	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - LQGKINDEDKQK	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (558, 569) [B]		DSSd0 (A.71; B.561) | DSSd0 (A.71; B.567)	5	335-340	4	3358.706	672.547	3376.6526	676.1363	3382.6348	677.3328	3400.5814	680.9221	51	49	HSC70 linker2: 96.7%
SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 linker1 (113, 128) [A] - HSC70 linker1 (237, 247) [B]		DSSd0 (A.126; B.246)	5	583-592	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	27	73	HSC70 linker1: 96.7%
SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 linker1 (113, 128) [A] - HSC70 linker2 (237, 247) [B]		DSSd0 (A.126; B.246)	5	583-592	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	27	73	HSC70 linker1: 96.7%
MVNHFIAEFKR - SFYPEEVSSMVLTKMK	HSC70 linker1 (237, 247) [A] - HSC70 linker2 (113, 128) [B]		DSSd0 (A.246; B.126)	5	583-592	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	27	73	HSC70 linker1: 96.7%
SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 linker2 (113, 128) [A] - HSC70 linker2 (237, 247) [B]		DSSd0 (A.126; B.246)	5	583-592	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	27	73	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - PKVQVEYK	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (101, 108) [B]		DSSd0 (A.56; B.102)	4	416-423	4	3445.8036	862.2063	3456.771	864.9482	3473.7205	869.1856	3484.6879	871.9274	15	85	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - PKVQVEYK	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (101, 108) [B]		DSSd0 (A.56; B.102)	4	416-423	4	3445.8036	862.2063	3456.771	864.9482	3473.7205	869.1856	3484.6879	871.9274	15	85	HSC70 linker1: 96.7%
PKVQVEYK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (101, 108) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.102; B.56)	4	416-423	4	3445.8036	862.2063	3473.7205	869.1856	3456.771	864.9482	3484.6879	871.9274	15	85	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - PKVQVEYK	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (101, 108) [B]		DSSd0 (A.56; B.102)	4	416-423	4	3445.8036	862.2063	3456.771	864.9482	3473.7205	869.1856	3484.6879	871.9274	15	85	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - ITITNDKGR	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (501, 509) [B]		DSSd0 (A.56; B.507)	4	417-422	4	3472.8104	868.9581	3486.7689	872.4477	3500.7274	875.9373	3514.6859	879.4269	48	52	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - ITITNDKGR	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (501, 509) [B]		DSSd0 (A.56; B.507)	4	417-422	4	3472.8104	868.9581	3486.7689	872.4477	3500.7274	875.9373	3514.6859	879.4269	48	52	HSC70 linker1: 96.7%
ITITNDKGR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (501, 509) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.507; B.56)	4	417-422	4	3472.8104	868.9581	3500.7274	875.9373	3486.7689	872.4477	3514.6859	879.4269	48	52	HSC70 linker1: 96.7%
QRDKVSSK - ILDKCNEIINWLDKNQTAEK	HSC70 linker1 (532, 539) [A] - HSC70 linker1 (570, 589) [B]		DSSd0 (A.535; B.573) | DSSd0 (A.535; B.583)	4	417-422	4	3472.8104	868.9581	3500.7274	875.9373	3486.7689	872.4477	3514.6859	879.4269	48	52	HSC70 linker1: 96.7%
QRDKVSSK - ILDKCNEIINWLDKNQTAEK	HSC70 linker1 (532, 539) [A] - HSC70 linker2 (570, 589) [B]		DSSd0 (A.535; B.573) | DSSd0 (A.535; B.583)	4	417-422	4	3472.8104	868.9581	3500.7274	875.9373	3486.7689	872.4477	3514.6859	879.4269	48	52	HSC70 linker1: 96.7%
ILDKCNEIINWLDKNQTAEK - QRDKVSSK	HSC70 linker1 (570, 589) [A] - HSC70 linker2 (532, 539) [B]		DSSd0 (A.573; B.535) | DSSd0 (A.583; B.535)	4	417-422	4	3472.8104	868.9581	3486.7689	872.4477	3500.7274	875.9373	3514.6859	879.4269	48	52	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - ITITNDKGR	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (501, 509) [B]		DSSd0 (A.56; B.507)	4	417-422	4	3472.8104	868.9581	3486.7689	872.4477	3500.7274	875.9373	3514.6859	879.4269	48	52	HSC70 linker2: 96.7%
QRDKVSSK - ILDKCNEIINWLDKNQTAEK	HSC70 linker2 (532, 539) [A] - HSC70 linker2 (570, 589) [B]		DSSd0 (A.535; B.573) | DSSd0 (A.535; B.583)	4	417-422	4	3472.8104	868.9581	3500.7274	875.9373	3486.7689	872.4477	3514.6859	879.4269	48	52	HSC70 linker2: 96.7%
SFYPEEVSSMVLTKMK - LLQDFFNGKELNK	HSC70 linker1 (113, 128) [A] - HSC70 linker1 (349, 361) [B]		DSSd0 (A.126; B.357)	4	629-633	4	3578.8161	895.4595	3596.7627	899.9461	3596.7627	899.9461	3614.7094	904.4328	26	74	HSC70 linker1: 96.7%
SFYPEEVSSMVLTKMK - LLQDFFNGKELNK	HSC70 linker1 (113, 128) [A] - HSC70 linker2 (349, 361) [B]		DSSd0 (A.126; B.357)	4	629-633	4	3578.8161	895.4595	3596.7627	899.9461	3596.7627	899.9461	3614.7094	904.4328	26	74	HSC70 linker1: 96.7%
LLQDFFNGKELNK - SFYPEEVSSMVLTKMK	HSC70 linker1 (349, 361) [A] - HSC70 linker2 (113, 128) [B]		DSSd0 (A.357; B.126)	4	629-633	4	3578.8161	895.4595	3596.7627	899.9461	3596.7627	899.9461	3614.7094	904.4328	26	74	HSC70 linker1: 96.7%
SFYPEEVSSMVLTKMK - LLQDFFNGKELNK	HSC70 linker2 (113, 128) [A] - HSC70 linker2 (349, 361) [B]		DSSd0 (A.126; B.357)	4	629-633	4	3578.8161	895.4595	3596.7627	899.9461	3596.7627	899.9461	3614.7094	904.4328	26	74	HSC70 linker2: 96.7%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 linker1 (129, 155) [A] - HSC70 linker1 (188, 193) [B]		DSSd0 (A.137; B.188)	4	526-533	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	34	66	HSC70 linker1: 96.7%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 linker1 (129, 155) [A] - HSC70 linker2 (188, 193) [B]		DSSd0 (A.137; B.188)	4	526-533	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	34	66	HSC70 linker1: 96.7%
KVGAER - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 linker1 (188, 193) [A] - HSC70 linker2 (129, 155) [B]		DSSd0 (A.188; B.137)	4	526-533	4	3752.9494	938.9928	3786.8486	947.4676	3762.9197	941.4854	3796.8189	949.9602	34	66	HSC70 linker1: 96.7%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 linker2 (129, 155) [A] - HSC70 linker2 (188, 193) [B]		DSSd0 (A.137; B.188)	4	526-533	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	34	66	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (113, 128) [B]		DSSd0 (A.71; B.126)	4	581-588	4	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	14	86	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (113, 128) [B]		DSSd0 (A.71; B.126)	4	581-588	4	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	14	86	HSC70 linker1: 96.7%
SFYPEEVSSMVLTKMK - NQVAMNPTNTVFDAKR	HSC70 linker1 (113, 128) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.126; B.71)	4	581-588	4	3818.8802	955.4755	3842.809	961.4577	3836.8268	959.9622	3860.7556	965.9444	14	86	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (113, 128) [B]		DSSd0 (A.71; B.126)	4	581-588	4	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	14	86	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (452, 469) [B]		DSSd0 (A.71; B.458)	4	574-590	4	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	48	52	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (452, 469) [B]		DSSd0 (A.71; B.458)	4	574-590	4	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	48	52	HSC70 linker1: 96.7%

DNNLLGKFELTGIPPAPR - NQVAMNPTNTVFDAKR	HSC70 linker1 (452, 469) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.458; B.71)	4	574-590	4	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	48	52	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (452, 469) [B]		DSSd0 (A.71; B.458)	4	574-590	4	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	48	52	HSC70 linker2: 96.7%
AKR - SENVQDLELEDVTPLSLGIETAGGVMTVLIKR	HSC70 linker1 (270, 272) [A] - HSC70 linker1 (385, 416) [B]		DSSd0 (A.271; B.415)	4	719-723	4	3938.1155	985.2843	3976.0028	994.7562	3945.0947	987.0291	3982.982	996.501	21	79	HSC70 linker1: 96.7%
AKR - SENVQDLELEDVTPLSLGIETAGGVMTVLIKR	HSC70 linker1 (270, 272) [A] - HSC70 linker2 (385, 416) [B]		DSSd0 (A.271; B.415)	4	719-723	4	3938.1155	985.2843	3976.0028	994.7562	3945.0947	987.0291	3982.982	996.501	21	79	HSC70 linker1: 96.7%
SENVQDLELEDVTPLSLGIETAGGVMTVLIKR - AKR	HSC70 linker1 (385, 416) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.415; B.271)	4	719-723	4	3938.1155	985.2843	3945.0947	987.0291	3976.0028	994.7562	3982.982	996.501	21	79	HSC70 linker1: 96.7%
AKR - SENVQDLELEDVTPLSLGIETAGGVMTVLIKR	HSC70 linker2 (270, 272) [A] - HSC70 linker2 (385, 416) [B]		DSSd0 (A.271; B.415)	4	719-723	4	3938.1155	985.2843	3976.0028	994.7562	3945.0947	987.0291	3982.982	996.501	21	79	HSC70 linker2: 96.7%
AKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (270, 272) [A] - HSC70 linker1 (417, 447) [B]		DSSd0 (A.271; B.423)	4	454-465	4	4041.0564	1011.0195	4081.9348	1021.2392	4048.0356	1012.7644	4088.914	1022.984	20	80	HSC70 linker1: 96.7%
AKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (270, 272) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.271; B.423)	4	454-465	4	4041.0564	1011.0195	4081.9348	1021.2392	4048.0356	1012.7644	4088.914	1022.984	20	80	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - AKR	HSC70 linker1 (417, 447) [A] - HSC70 linker2 (270, 272) [B]		DSSd0 (A.423; B.271)	4	454-465	4	4041.0564	1011.0195	4048.0356	1012.7644	4081.9348	1021.2392	4088.914	1022.984	20	80	HSC70 linker1: 96.7%
AKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker2 (270, 272) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.271; B.423)	4	454-465	4	4041.0564	1011.0195	4081.9348	1021.2392	4048.0356	1012.7644	4088.914	1022.984	20	80	HSC70 linker2: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 linker1 (50, 71) [A] - HSC70 linker1 (326, 342) [B]		DSSd0 (A.56; B.328)	5	491-498	3	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 linker1 (50, 71) [A] - HSC70 linker2 (326, 342) [B]		DSSd0 (A.56; B.328)	5	491-498	3	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 linker1: 96.7%
LDKSQIHDIVLVGGSTR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 linker1 (326, 342) [A] - HSC70 linker2 (50, 71) [B]		DSSd0 (A.328; B.56)	5	491-498	3	4293.2547	859.4568	4321.1717	865.0402	4317.1836	864.2425	4345.1006	869.8259	---	----	HSC70 linker1: 96.7%
LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 linker2 (50, 71) [A] - HSC70 linker2 (326, 342) [B]		DSSd0 (A.56; B.328)	5	491-498	3	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 linker2: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - STGKENK	HSC70 linker1 (417, 447) [A] - HSC70 linker1 (494, 500) [B]		DSSd0 (A.423; B.497)	4	448-459	4	4430.1998	1108.3054	4440.1701	1110.798	4471.0782	1118.525	4481.0486	1121.0176	---	----	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - STGKENK	HSC70 linker1 (417, 447) [A] - HSC70 linker2 (494, 500) [B]		DSSd0 (A.423; B.497)	4	448-459	4	4430.1998	1108.3054	4440.1701	1110.798	4471.0782	1118.525	4481.0486	1121.0176	---	----	HSC70 linker1: 96.7%
STGKENK - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (494, 500) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.497; B.423)	4	448-459	4	4430.1998	1108.3054	4471.0782	1118.525	4440.1701	1110.798	4481.0486	1121.0176	---	----	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - STGKENK	HSC70 linker2 (417, 447) [A] - HSC70 linker2 (494, 500) [B]		DSSd0 (A.423; B.497)	4	448-459	4	4430.1998	1108.3054	4440.1701	1110.798	4471.0782	1118.525	4481.0486	1121.0176	---	----	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - FDDAVVQSDMKHWPFMVVNDAGR	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (78, 100) [B]		DSSd0 (A.71; B.88)	5	557-565	4	4607.1904	922.2439	4639.0956	928.6249	4631.1193	927.0297	4663.0244	933.4107	8	92	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - FDDAVVQSDMKHWPFMVVNDAGR	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (78, 100) [B]		DSSd0 (A.71; B.88)	5	557-565	4	4607.1904	922.2439	4639.0956	928.6249	4631.1193	927.0297	4663.0244	933.4107	8	92	HSC70 linker1: 96.7%
FDDAVVQSDMKHWPFMVVNDAGR - NQVAMNPTNTVFDAKR	HSC70 linker1 (78, 100) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.88; B.71)	5	557-565	4	4607.1904	922.2439	4631.1193	927.0297	4639.0956	928.6249	4663.0244	933.4107	8	92	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - FDDAVVQSDMKHWPFMVVNDAGR	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (78, 100) [B]		DSSd0 (A.71; B.88)	5	557-565	4	4607.1904	922.2439	4639.0956	928.6249	4631.1193	927.0297	4663.0244	933.4107	8	92	HSC70 linker2: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - ITITNDKGR	HSC70 linker1 (417, 447) [A] - HSC70 linker1 (501, 509) [B]		DSSd0 (A.423; B.507)	4	481-488	4	4684.3741	1171.849	4698.3326	1175.3386	4725.2525	1182.0686	4739.211	1185.5582	22	78	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - ITITNDKGR	HSC70 linker1 (417, 447) [A] - HSC70 linker2 (501, 509) [B]		DSSd0 (A.423; B.507)	4	481-488	4	4684.3741	1171.849	4698.3326	1175.3386	4725.2525	1182.0686	4739.211	1185.5582	22	78	HSC70 linker1: 96.7%
ITITNDKGR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (501, 509) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.507; B.423)	4	481-488	4	4684.3741	1171.849	4725.2525	1182.0686	4698.3326	1175.3386	4739.211	1185.5582	22	78	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - ITITNDKGR	HSC70 linker2 (417, 447) [A] - HSC70 linker2 (501, 509) [B]		DSSd0 (A.423; B.507)	4	481-488	4	4684.3741	1171.849	4698.3326	1175.3386	4725.2525	1182.0686	4739.211	1185.5582	22	78	HSC70 linker2: 96.7%
MVNHFIAEFKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (237, 247) [A] - HSC70 linker1 (417, 447) [B]		DSSd0 (A.246; B.423)	5	522-527	4	5058.5306	1012.5119	5099.409	1020.6876	5076.4772	1016.1013	5117.3556	1024.277	24	76	HSC70 linker1: 96.7%
MVNHFIAEFKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (237, 247) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.246; B.423)	5	522-527	4	5058.5306	1012.5119	5099.409	1020.6876	5076.4772	1016.1013	5117.3556	1024.277	24	76	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - MVNHFIAEFKR	HSC70 linker1 (417, 447) [A] - HSC70 linker2 (237, 247) [B]		DSSd0 (A.423; B.246)	5	522-527	4	5058.5306	1012.5119	5076.4772	1016.1013	5099.409	1020.6876	5117.3556	1024.277	24	76	HSC70 linker1: 96.7%
MVNHFIAEFKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker2 (237, 247) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.246; B.423)	5	522-527	4	5058.5306	1012.5119	5099.409	1020.6876	5076.4772	1016.1013	5117.3556	1024.277	24	76	HSC70 linker2: 96.7%
QATKDAGTIAGLNVLR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (156, 171) [A] - HSC70 linker1 (417, 447) [B]		DSSd0 (A.159; B.423)	5	540-549	3	5294.7179	1059.7494	5335.5964	1067.9251	5316.6527	1064.1364	5357.5311	1072.312	---	----	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (156, 171) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.159; B.423)	5	540-549	3	5294.7179	1059.7494	5335.5964	1067.9251	5316.6527	1064.1364	5357.5311	1072.312	---	----	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - QATKDAGTIAGLNVLR	HSC70 linker1 (417, 447) [A] - HSC70 linker2 (156, 171) [B]		DSSd0 (A.423; B.159)	5	540-549	3	5294.7179	1059.7494	5316.6527	1064.1364	5335.5964	1067.9251	5357.5311	1072.312	---	----	HSC70 linker1: 96.7%
QATKDAGTIAGLNVLR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker2 (156, 171) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.159; B.423)	5	540-549	3	5294.7179	1059.7494	5335.5964	1067.9251	5316.6527	1064.1364	5357.5311	1072.312	---	----	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - SENVQDLELEDVTPLSLGIETAGGVMTVLIKR	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (385, 416) [B]		DSSd0 (A.71; B.415)	4	724-727	4	5369.7607	1343.1956	5407.648	1352.6675	5393.6896	1349.1778	5431.5769	1358.6497	81	19	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - SENVQDLELEDVTPLSLGIETAGGVMTVLIKR	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (385, 416) [B]		DSSd0 (A.71; B.415)	4	724-727	4	5369.7607	1343.1956	5407.648	1352.6675	5393.6896	1349.1778	5431.5769	1358.6497	81	19	HSC70 linker1: 96.7%
SENVQDLELEDVTPLSLGIETAGGVMTVLIKR - NQVAMNPTNTVFDAKR	HSC70 linker1 (385, 416) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.415; B.71)	4	724-727	4	5369.7607	1343.1956	5393.6896	1349.1778	5407.648	1352.6675	5431.5769	1358.6497	81	19	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - SENVQDLELEDVTPLSLGIETAGGVMTVLIKR	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (385, 416) [B]		DSSd0 (A.71; B.415)	4	724-727	4	5369.7607	1343.1956	5407.648	1352.6675	5393.6896	1349.1778	5431.5769	1358.6497	81	19	HSC70 linker2: 96.7%
NQVAMNPTNTVFDAKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (57, 72) [A] - HSC70 linker1 (417, 447) [B]		DSSd0 (A.71; B.423)	5	520-528	4	5472.7016	1095.3461	5513.5801	1103.5218	5496.6305	1100.1319	5537.5089	1108.3076	43	57	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (57, 72) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.71; B.423)	5	520-528	4	5472.7016	1095.3461	5513.5801	1103.5218	5496.6305	1100.1319	5537.5089	1108.3076	43	57	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - NQVAMNPTNTVFDAKR	HSC70 linker1 (417, 447) [A] - HSC70 linker2 (57, 72) [B]		DSSd0 (A.423; B.71)	5	520-528	4	5472.7016	1095.3461	5496.6305	1100.1319	5513.5801	1103.5218	5537.5089	1108.3076	43	57	HSC70 linker1: 96.7%
NQVAMNPTNTVFDAKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker2 (57, 72) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.71; B.423)	5	520-528	4	5472.7016	1095.3461	5513.5801	1103.5218	5496.6305	1100.1319	5537.5089	1108.3076	43	57	HSC70 linker2: 96.7%
LDKSQIHDIVLVGGSTR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (326, 342) [A] - HSC70 linker1 (417, 447) [B]		DSSd0 (A.328; B.423)	5	528-541	4	5504.8184	1101.7695	5545.6968	1109.9452	5528.7472	1106.5553	5569.6256	1114.7309	29	71	HSC70 linker1: 96.7%
LDKSQIHDIVLVGGSTR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker1 (326, 342) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.328; B.423)	5	528-541	4	5504.8184	1101.7695	5545.6968	1109.9452	5528.7472	1106.5553	5569.6256	1114.7309	29	71	HSC70 linker1: 96.7%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - LDKSQIHDIVLVGGSTR	HSC70 linker1 (417, 447) [A] - HSC70 linker2 (326, 342) [B]		DSSd0 (A.423; B.328)	5	528-541	4	5504.8184	1101.7695	5528.7472	1106.5553	5545.6968	1109.9452	5569.6256	1114.7309	29	71	HSC70 linker1: 96.7%
LDKSQIHDIVLVGGSTR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker2 (326, 342) [A] - HSC70 linker2 (417, 447) [B]		DSSd0 (A.328; B.423)	5	528-541	4	5504.8184	1101.7695	5545.6968	1109.9452	5528.7472	1106.5553	5569.6256	1114.7309	29	71	HSC70 linker2: 96.7%

WT-linker-mutant

Cross-link	Protein	Modification	Bonds	Charge	Scan	Forms found	Theoretical LL m/z (1+)	Theoretical LL m/z (X+)	Theoretical LH m/z (1+)	Theoretical LH m/z (X+)	Theoretical HL m/z (1+)	Theoretical HL m/z (X+)	Theoretical HH m/z (1+)	Theoretical HH m/z (X+)	Inter CL (%)	Intra CL (%)	Correction ratios
MSK - IPKIQK	HSC70 WT (1, 3) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.N-terminus; B.345)	3	239-242	3	1228.7334	410.2493	1237.7067	413.2404	1232.7215	411.5787	1241.6948	414.5698	---	----	HSC70 WT: 144.9%
MSK - IPKIQK	HSC70 WT (1, 3) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.N-terminus; B.345)	3	239-242	3	1228.7334	410.2493	1237.7067	413.2404	1232.7215	411.5787	1241.6948	414.5698	---	----	HSC70 WT: 144.9%
IPKIQK - MSK	HSC70 WT (343, 348) [A] - HSC70 linker (1, 3) [B]		DSSd0 (A.345; B.N-terminus)	3	239-242	3	1228.7334	410.2493	1232.7215	411.5787	1237.7067	413.2404	1241.6948	414.5698	---	----	HSC70 WT: 144.9%
MSK - IPKIQK	HSC70 linker (1, 3) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.N-terminus; B.345)	3	239-242	3	1228.7334	410.2493	1237.7067	413.2404	1232.7215	411.5787	1241.6948	414.5698	---	----	HSC70 linker: 144.9%
MSK - STGKENK	HSC70 WT (1, 3) [A] - HSC70 WT (494, 500) [B]		DSSd0 (A.N-terminus; B.497)	3	86-88	3	1265.6406	422.5517	1275.6109	425.8752	1269.6287	423.8811	1279.5991	427.2045	---	----	HSC70 WT: 144.9%
MSK - STGKENK	HSC70 WT (1, 3) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.N-terminus; B.497)	3	86-88	3	1265.6406	422.5517	1275.6109	425.8752	1269.6287	423.8811	1279.5991	427.2045	---	----	HSC70 WT: 144.9%
STGKENK - MSK	HSC70 WT (494, 500) [A] - HSC70 linker (1, 3) [B]		DSSd0 (A.497; B.N-terminus)	3	86-88	3	1265.6406	422.5517	1269.6287	423.8811	1275.6109	425.8752	1279.5991	427.2045	---	----	HSC70 WT: 144.9%
MSK - STGKENK	HSC70 linker (1, 3) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.N-terminus; B.497)	3	86-88	3	1265.6406	422.5517	1275.6109	425.8752	1269.6287	423.8811	1279.5991	427.2045	---	----	HSC70 linker: 144.9%
IPKIQK - MVQEAEKYK	HSC70 WT (343, 348) [A] - HSC70 WT (518, 526) [B]		DSSd0 (A.345; B.524)	4	253-258	4	1989.1089	498.0327	2001.0733	501.0238	1998.0822	500.276	2010.0466	503.2671	35	65	HSC70 WT: 144.9%
IPKIQK - MVQEAEKYK	HSC70 WT (343, 348) [A] - HSC70 linker (518, 526) [B]		DSSd0 (A.345; B.524)	4	253-258	4	1989.1089	498.0327	2001.0733	501.0238	1998.0822	500.276	2010.0466	503.2671	35	65	HSC70 WT: 144.9%
MVQEAEKYK - IPKIQK	HSC70 WT (518, 526) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.524; B.345)	4	253-258	4	1989.1089	498.0327	1998.0822	500.276	2001.0733	501.0238	2010.0466	503.2671	35	65	HSC70 WT: 144.9%
IPKIQK - MVQEAEKYK	HSC70 linker (343, 348) [A] - HSC70 linker (518, 526) [B]		DSSd0 (A.345; B.524)	4	253-258	4	1989.1089	498.0327	2001.0733	501.0238	1998.0822	500.276	2010.0466	503.2671	35	65	HSC70 linker: 144.9%
IPKIQK - ATVEDEKLQGK	HSC70 WT (343, 348) [A] - HSC70 WT (551, 561) [B]		DSSd0 (A.345; B.557)	4	277-279	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	29	71	HSC70 WT: 144.9%
IPKIQK - ATVEDEKLQGK	HSC70 WT (343, 348) [A] - HSC70 linker (551, 561) [B]		DSSd0 (A.345; B.557)	4	277-279	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	29	71	HSC70 WT: 144.9%
ATVEDEKLQGK - IPKIQK	HSC70 WT (551, 561) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.557; B.345)	4	277-279	4	2081.1852	521.0518	2090.1586	523.2951	2095.1437	524.5414	2104.1171	526.7847	29	71	HSC70 WT: 144.9%
IPKIQK - ATVEDEKLQGK	HSC70 linker (343, 348) [A] - HSC70 linker (551, 561) [B]		DSSd0 (A.345; B.557)	4	277-279	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	29	71	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - AKR	HSC70 WT (156, 171) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.159; B.271)	4	343-350	4	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	22	78	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - AKR	HSC70 WT (156, 171) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.159; B.271)	4	343-350	4	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	22	78	HSC70 WT: 144.9%
AKR - QATKDAGTIAGLNVLR	HSC70 WT (270, 272) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.271; B.159)	4	343-350	4	2139.2244	535.5616	2161.1592	541.0453	2146.2037	537.3064	2168.1384	542.7901	22	78	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - AKR	HSC70 linker (156, 171) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.159; B.271)	4	343-350	4	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	22	78	HSC70 linker: 144.9%
MVNHFIAEFKR - IPKIQK	HSC70 WT (237, 247) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.246; B.345)	4	376-381	3	2255.2733	564.5738	2264.2466	566.8171	2273.2199	569.0604	2282.1932	571.3038	---	----	HSC70 WT: 144.9%
MVNHFIAEFKR - IPKIQK	HSC70 WT (237, 247) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.246; B.345)	4	376-381	3	2255.2733	564.5738	2264.2466	566.8171	2273.2199	569.0604	2282.1932	571.3038	---	----	HSC70 WT: 144.9%
IPKIQK - MVNHFIAEFKR	HSC70 WT (343, 348) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.345; B.246)	4	376-381	3	2255.2733	564.5738	2273.2199	569.0604	2264.2466	566.8171	2282.1932	571.3038	---	----	HSC70 WT: 144.9%
MVNHFIAEFKR - IPKIQK	HSC70 linker (237, 247) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.246; B.345)	4	376-381	3	2255.2733	564.5738	2264.2466	566.8171	2273.2199	569.0604	2282.1932	571.3038	---	----	HSC70 linker: 144.9%
IINEPTAAAIAYGLDKK - AKR	HSC70 WT (172, 188) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.187; B.271)	4	396-404	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - AKR	HSC70 WT (172, 188) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.187; B.271)	4	396-404	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	---	----	HSC70 WT: 144.9%
AKR - IINEPTAAAIAYGLDKK	HSC70 WT (270, 272) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.271; B.187)	4	396-404	4	2299.302	575.581	2319.2427	580.5661	2306.2813	577.3258	2326.222	582.3109	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - AKR	HSC70 linker (172, 188) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.187; B.271)	4	396-404	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	---	----	HSC70 linker: 144.9%
AKR - LDKSQIHDIVLVGGSTR	HSC70 WT (270, 272) [A] - HSC70 WT (326, 342) [B]		DSSd0 (A.271; B.328)	5	357-363	4	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	16	84	HSC70 WT: 144.9%
AKR - LDKSQIHDIVLVGGSTR	HSC70 WT (270, 272) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.271; B.328)	5	357-363	4	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	16	84	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - AKR	HSC70 WT (326, 342) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.328; B.271)	5	357-363	4	2349.3249	470.6708	2356.3041	472.0666	2373.2537	475.4566	2380.233	476.8524	16	84	HSC70 WT: 144.9%
AKR - LDKSQIHDIVLVGGSTR	HSC70 linker (270, 272) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.271; B.328)	5	357-363	4	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	16	84	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - KHK	HSC70 WT (57, 72) [A] - HSC70 WT (248, 250) [B]		DSSd0 (A.71; B.248)	4	280-284	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	26	74	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - HKK	HSC70 WT (57, 72) [A] - HSC70 WT (249, 251) [B]		DSSd0 (A.71; B.250)	4	280-284	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	26	74	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - KHK	HSC70 WT (57, 72) [A] - HSC70 linker (248, 250) [B]		DSSd0 (A.71; B.248)	4	280-284	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	26	74	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - HKK	HSC70 WT (57, 72) [A] - HSC70 linker (249, 251) [B]		DSSd0 (A.71; B.250)	4	280-284	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	26	74	HSC70 WT: 144.9%
KHK - NQVAMNPTNTVFDAKR	HSC70 WT (248, 250) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.248; B.71)	4	280-284	4	2355.2238	589.5614	2379.1526	595.5436	2362.203	591.3062	2386.1319	597.2884	26	74	HSC70 WT: 144.9%
HKK - NQVAMNPTNTVFDAKR	HSC70 WT (249, 251) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.250; B.71)	4	280-284	4	2355.2238	589.5614	2379.1526	595.5436	2362.203	591.3062	2386.1319	597.2884	26	74	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - KHK	HSC70 linker (57, 72) [A] - HSC70 linker (248, 250) [B]		DSSd0 (A.71; B.248)	4	280-284	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	26	74	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - HKK	HSC70 linker (57, 72) [A] - HSC70 linker (249, 251) [B]		DSSd0 (A.71; B.250)	4	280-284	4	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	26	74	HSC70 linker: 144.9%
SFYPEEVSSMVLTKMK - AKR	HSC70 WT (113, 128) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.126; B.271)	4	499-505	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	24	76	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - AKR	HSC70 WT (113, 128) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.126; B.271)	4	499-505	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	24	76	HSC70 WT: 144.9%
AKR - SFYPEEVSSMVLTKMK	HSC70 WT (270, 272) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.271; B.126)	4	499-505	4	2387.2349	597.5642	2405.1815	602.0508	2394.2142	599.309	2412.1608	603.7957	24	76	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - AKR	HSC70 linker (113, 128) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.126; B.271)	4	499-505	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	24	76	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - KVGAER	HSC70 WT (156, 171) [A] - HSC70 WT (188, 193) [B]		DSSd0 (A.159; B.188)	4	356-363	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	11	89	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - KVGAER	HSC70 WT (156, 171) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.159; B.188)	4	356-363	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	11	89	HSC70 WT: 144.9%

KVGAER - QATKDAGTIAGLNVLR	HSC70 WT (188, 193) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.188; B.159)	4	356-363	4	2424.3569	606.8447	2446.2917	612.3284	2434.3272	609.3373	2456.262	614.821	11	89	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - KVGAER	HSC70 linker (156, 171) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.159; B.188)	4	356-363	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	11	89	HSC70 linker: 144.9%
MSK - DNNLLGKFELTGIPPAPR	HSC70 WT (1, 3) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.N-terminus; B.458)	3	547-561	3	2454.3061	818.7736	2478.2349	826.7498	2458.2942	820.1029	2482.2231	828.0792	---	----	HSC70 WT: 144.9%
MSK - DNNLLGKFELTGIPPAPR	HSC70 WT (1, 3) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.N-terminus; B.458)	3	547-561	3	2454.3061	818.7736	2478.2349	826.7498	2458.2942	820.1029	2482.2231	828.0792	---	----	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - MSK	HSC70 WT (452, 469) [A] - HSC70 linker (1, 3) [B]		DSSd0 (A.458; B.N-terminus)	3	547-561	3	2454.3061	818.7736	2458.2942	820.1029	2478.2349	826.7498	2482.2231	828.0792	---	----	HSC70 WT: 144.9%
MSK - DNNLLGKFELTGIPPAPR	HSC70 linker (1, 3) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.N-terminus; B.458)	3	547-561	3	2454.3061	818.7736	2478.2349	826.7498	2458.2942	820.1029	2482.2231	828.0792	---	----	HSC70 linker: 144.9%
AKR - DNNLLGKFELTGIPPAPR	HSC70 WT (270, 272) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.271; B.458)	4	489-496	3	2463.3718	616.5984	2487.3007	622.5806	2470.3511	618.3432	2494.2799	624.3254	---	----	HSC70 WT: 144.9%
AKR - DNNLLGKFELTGIPPAPR	HSC70 WT (270, 272) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.271; B.458)	4	489-496	3	2463.3718	616.5984	2487.3007	622.5806	2470.3511	618.3432	2494.2799	624.3254	---	----	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - AKR	HSC70 WT (452, 469) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.458; B.271)	4	489-496	3	2463.3718	616.5984	2470.3511	618.3432	2487.3007	622.5806	2494.2799	624.3254	---	----	HSC70 WT: 144.9%
AKR - DNNLLGKFELTGIPPAPR	HSC70 linker (270, 272) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.271; B.458)	4	489-496	3	2463.3718	616.5984	2487.3007	622.5806	2470.3511	618.3432	2494.2799	624.3254	---	----	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 WT (156, 171) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.159; B.345)	4	395-403	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	40	60	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 WT (156, 171) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.159; B.345)	4	395-403	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	40	60	HSC70 WT: 144.9%
IPKIQK - QATKDAGTIAGLNVLR	HSC70 WT (343, 348) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.345; B.159)	4	395-403	4	2491.4606	623.6206	2513.3954	629.1043	2500.4339	625.8639	2522.3687	631.3476	40	60	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 linker (156, 171) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.159; B.345)	4	395-403	4	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	40	60	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - STGKENK	HSC70 WT (156, 171) [A] - HSC70 WT (494, 500) [B]		DSSd0 (A.159; B.497)	4	339-346	3	2528.3679	632.8474	2538.3382	635.34	2550.3026	638.3311	2560.273	640.8237	---	----	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - STGKENK	HSC70 WT (156, 171) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.159; B.497)	4	339-346	3	2528.3679	632.8474	2538.3382	635.34	2550.3026	638.3311	2560.273	640.8237	---	----	HSC70 WT: 144.9%
STGKENK - QATKDAGTIAGLNVLR	HSC70 WT (494, 500) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.497; B.159)	4	339-346	3	2528.3679	632.8474	2550.3026	638.3311	2538.3382	635.34	2560.273	640.8237	---	----	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - STGKENK	HSC70 linker (156, 171) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.159; B.497)	4	339-346	3	2528.3679	632.8474	2538.3382	635.34	2550.3026	638.3311	2560.273	640.8237	---	----	HSC70 linker: 144.9%
ENKITITNDK - ATVEDEKLQGK	HSC70 WT (498, 507) [A] - HSC70 WT (551, 561) [B]		DSSd0 (A.500; B.557)	4	298-301	4	2530.3247	633.3366	2544.2831	636.8262	2544.2831	636.8262	2558.2416	640.3159	41	59	HSC70 WT: 144.9%
ENKITITNDK - ATVEDEKLQGK	HSC70 WT (498, 507) [A] - HSC70 linker (551, 561) [B]		DSSd0 (A.500; B.557)	4	298-301	4	2530.3247	633.3366	2544.2831	636.8262	2544.2831	636.8262	2558.2416	640.3159	41	59	HSC70 WT: 144.9%
ATVEDEKLQGK - ENKITITNDK	HSC70 WT (551, 561) [A] - HSC70 linker (498, 507) [B]		DSSd0 (A.557; B.500)	4	298-301	4	2530.3247	633.3366	2544.2831	636.8262	2544.2831	636.8262	2558.2416	640.3159	41	59	HSC70 WT: 144.9%
ENKITITNDK - ATVEDEKLQGK	HSC70 linker (498, 507) [A] - HSC70 linker (551, 561) [B]		DSSd0 (A.500; B.557)	4	298-301	4	2530.3247	633.3366	2544.2831	636.8262	2544.2831	636.8262	2558.2416	640.3159	41	59	HSC70 linker: 144.9%
GTLDPVEKALR - AMTKDNNLLGK	HSC70 WT (312, 322) [A] - HSC70 WT (448, 458) [B]		DSSd0 (A.319; B.451)	4	409-411	4	2540.3752	635.8493	2555.3308	639.5882	2555.3308	639.5882	2570.2863	643.327	32	68	HSC70 WT: 144.9%
GTLDPVEKALR - AMTKDNNLLGK	HSC70 WT (312, 322) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.319; B.451)	4	409-411	4	2540.3752	635.8493	2555.3308	639.5882	2555.3308	639.5882	2570.2863	643.327	32	68	HSC70 WT: 144.9%
AMTKDNNLLGK - GTLDPVEKALR	HSC70 WT (448, 458) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.451; B.319)	4	409-411	4	2540.3752	635.8493	2555.3308	639.5882	2555.3308	639.5882	2570.2863	643.327	32	68	HSC70 WT: 144.9%
GTLDPVEKALR - AMTKDNNLLGK	HSC70 linker (312, 322) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.319; B.451)	4	409-411	4	2540.3752	635.8493	2555.3308	639.5882	2555.3308	639.5882	2570.2863	643.327	32	68	HSC70 linker: 144.9%
IINEPTAAAIAYGLDKK - KVGAER	HSC70 WT (172, 188) [A] - HSC70 WT (188, 193) [B]		DSSd0 (A.187; B.188)	4	406-409	3	2584.4345	646.8641	2594.4048	649.3567	2604.3752	651.8493	2614.3455	654.3418	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - KVGAER	HSC70 WT (172, 188) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.187; B.188)	4	406-409	3	2584.4345	646.8641	2594.4048	649.3567	2604.3752	651.8493	2614.3455	654.3418	---	----	HSC70 WT: 144.9%
KVGAER - IINEPTAAAIAYGLDKK	HSC70 WT (188, 193) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.188; B.187)	4	406-409	3	2584.4345	646.8641	2604.3752	651.8493	2594.4048	649.3567	2614.3455	654.3418	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - KVGAER	HSC70 linker (172, 188) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.187; B.188)	4	406-409	3	2584.4345	646.8641	2594.4048	649.3567	2604.3752	651.8493	2614.3455	654.3418	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - KVGAER	HSC70 WT (57, 72) [A] - HSC70 WT (188, 193) [B]		DSSd0 (A.71; B.188)	4	326-334	4	2602.3406	651.3406	2612.3109	653.8332	2626.2694	657.3228	2636.2398	659.8154	26	74	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - KVGAER	HSC70 WT (57, 72) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.71; B.188)	4	326-334	4	2602.3406	651.3406	2612.3109	653.8332	2626.2694	657.3228	2636.2398	659.8154	26	74	HSC70 WT: 144.9%
KVGAER - NQVAMNPTNTVFDAKR	HSC70 WT (188, 193) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.188; B.71)	4	326-334	4	2602.3406	651.3406	2626.2694	657.3228	2612.3109	653.8332	2636.2398	659.8154	26	74	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - KVGAER	HSC70 linker (57, 72) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.71; B.188)	4	326-334	4	2602.3406	651.3406	2612.3109	653.8332	2626.2694	657.3228	2636.2398	659.8154	26	74	HSC70 linker: 144.9%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 WT (172, 188) [A] - HSC70 WT (323, 328) [B]		DSSd0 (A.187; B.325)	4	431-436	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	19	81	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 WT (172, 188) [A] - HSC70 linker (323, 328) [B]		DSSd0 (A.187; B.325)	4	431-436	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	19	81	HSC70 WT: 144.9%
DAKLDK - IINEPTAAAIAYGLDKK	HSC70 WT (323, 328) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.325; B.187)	4	431-436	4	2614.4338	654.3639	2634.3745	659.3491	2622.4101	656.358	2642.3508	661.3432	19	81	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 linker (172, 188) [A] - HSC70 linker (323, 328) [B]		DSSd0 (A.187; B.325)	4	431-436	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	19	81	HSC70 linker: 144.9%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 WT (172, 188) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.187; B.345)	4	439-444	4	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	37	63	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 WT (172, 188) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.187; B.345)	4	439-444	4	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	37	63	HSC70 WT: 144.9%
IPKIQK - IINEPTAAAIAYGLDKK	HSC70 WT (343, 348) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.345; B.187)	4	439-444	4	2651.5382	663.64	2671.4789	668.6252	2660.5115	665.8833	2680.4522	670.8685	37	63	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 linker (172, 188) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.187; B.345)	4	439-444	4	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	37	63	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 WT (57, 72) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.71; B.345)	4	367-371	4	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	33	67	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 WT (57, 72) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.71; B.345)	4	367-371	4	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	33	67	HSC70 WT: 144.9%
IPKIQK - NQVAMNPTNTVFDAKR	HSC70 WT (343, 348) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.345; B.71)	4	367-371	4	2669.4443	668.1165	2693.3732	674.0987	2678.4176	670.3599	2702.3465	676.3421	33	67	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 linker (57, 72) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.71; B.345)	4	367-371	4	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	33	67	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 WT (57, 72) [A] - HSC70 WT (494, 500) [B]		DSSd0 (A.71; B.497)	4	305-311	3	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 WT (57, 72) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.71; B.497)	4	305-311	3	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	---	----	HSC70 WT: 144.9%

STGKENK - NQVAMNPTNTVFDAKR	HSC70 WT (494, 500) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.497; B.71)	4	305-311	3	2706.3516	677.3433	2730.2804	683.3256	2716.3219	679.8359	2740.2507	685.8181	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 linker (57, 72) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.71; B.497)	4	305-311	3	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	---	----	HSC70 linker: 144.9%
MVNHFIAEFKR - GTLDPVEKALR	HSC70 WT (237, 247) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.246; B.319)	4	456-459	3	2727.4651	682.6217	2742.4206	686.3606	2745.4117	687.1084	2760.3672	690.8473	---	----	HSC70 WT: 144.9%
MVNHFIAEFKR - GTLDPVEKALR	HSC70 WT (237, 247) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.246; B.319)	4	456-459	3	2727.4651	682.6217	2742.4206	686.3606	2745.4117	687.1084	2760.3672	690.8473	---	----	HSC70 WT: 144.9%
GTLDPVEKALR - MVNHFIAEFKR	HSC70 WT (312, 322) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.319; B.246)	4	456-459	3	2727.4651	682.6217	2745.4117	687.1084	2742.4206	686.3606	2760.3672	690.8473	---	----	HSC70 WT: 144.9%
MVNHFIAEFKR - GTLDPVEKALR	HSC70 linker (237, 247) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.246; B.319)	4	456-459	3	2727.4651	682.6217	2742.4206	686.3606	2745.4117	687.1084	2760.3672	690.8473	---	----	HSC70 linker: 144.9%
SFYPEEVSSMVLTKMK - IPKIQK	HSC70 WT (113, 128) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.126; B.345)	4	527-535	3	2739.4711	685.6232	2748.4444	687.8666	2757.4178	690.1099	2766.3911	692.3532	---	----	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - IPKIQK	HSC70 WT (113, 128) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.126; B.345)	4	527-535	3	2739.4711	685.6232	2748.4444	687.8666	2757.4178	690.1099	2766.3911	692.3532	---	----	HSC70 WT: 144.9%
IPKIQK - SFYPEEVSSMVLTKMK	HSC70 WT (343, 348) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.345; B.126)	4	527-535	3	2739.4711	685.6232	2757.4178	690.1099	2748.4444	687.8666	2766.3911	692.3532	---	----	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - IPKIQK	HSC70 linker (113, 128) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.126; B.345)	4	527-535	3	2739.4711	685.6232	2748.4444	687.8666	2757.4178	690.1099	2766.3911	692.3532	---	----	HSC70 linker: 144.9%
KVGAER - DNNLLGKFELTGIPPAPR	HSC70 WT (188, 193) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.188; B.458)	4	494-506	3	2748.5043	687.8815	2772.4331	693.8637	2758.4746	690.3741	2782.4035	696.3563	---	----	HSC70 WT: 144.9%
KVGAER - DNNLLGKFELTGIPPAPR	HSC70 WT (188, 193) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.188; B.458)	4	494-506	3	2748.5043	687.8815	2772.4331	693.8637	2758.4746	690.3741	2782.4035	696.3563	---	----	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - KVGAER	HSC70 WT (452, 469) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.458; B.188)	4	494-506	3	2748.5043	687.8815	2758.4746	690.3741	2772.4331	693.8637	2782.4035	696.3563	---	----	HSC70 WT: 144.9%
KVGAER - DNNLLGKFELTGIPPAPR	HSC70 linker (188, 193) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.188; B.458)	4	494-506	3	2748.5043	687.8815	2772.4331	693.8637	2758.4746	690.3741	2782.4035	696.3563	---	----	HSC70 linker: 144.9%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 WT (172, 188) [A] - HSC70 WT (252, 258) [B]		DSSd0 (A.187; B.257)	4	424-429	3	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 WT (172, 188) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.187; B.257)	4	424-429	3	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	---	----	HSC70 WT: 144.9%
DISENKR - IINEPTAAAIAYGLDKK	HSC70 WT (252, 258) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.257; B.187)	4	424-429	3	2786.4935	697.3788	2806.4341	702.364	2798.4579	700.3699	2818.3986	705.3551	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - DISENKR	HSC70 linker (172, 188) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.187; B.257)	4	424-429	3	2786.4935	697.3788	2798.4579	700.3699	2806.4341	702.364	2818.3986	705.3551	---	----	HSC70 linker: 144.9%
IPKIQK - DNNLLGKFELTGIPPAPR	HSC70 WT (343, 348) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.345; B.458)	4	517-529	4	2815.608	704.6575	2839.5369	710.6397	2824.5813	706.9008	2848.5102	712.883	23	77	HSC70 WT: 144.9%
IPKIQK - DNNLLGKFELTGIPPAPR	HSC70 WT (343, 348) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.345; B.458)	4	517-529	4	2815.608	704.6575	2839.5369	710.6397	2824.5813	706.9008	2848.5102	712.883	23	77	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - IPKIQK	HSC70 WT (452, 469) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.458; B.345)	4	517-529	4	2815.608	704.6575	2824.5813	706.9008	2839.5369	710.6397	2848.5102	712.883	23	77	HSC70 WT: 144.9%
IPKIQK - DNNLLGKFELTGIPPAPR	HSC70 linker (343, 348) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.345; B.458)	4	517-529	4	2815.608	704.6575	2839.5369	710.6397	2824.5813	706.9008	2848.5102	712.883	23	77	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 WT (50, 71) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.56; B.271)	4	361-368	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	26	74	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 WT (50, 71) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.56; B.271)	4	361-368	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	26	74	HSC70 WT: 144.9%
AKR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (270, 272) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.271; B.56)	4	361-368	4	2829.4927	708.1286	2857.4097	715.1079	2836.472	709.8735	2864.389	716.8527	26	74	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 linker (50, 71) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.56; B.271)	4	361-368	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	26	74	HSC70 linker: 144.9%
DISENKR - LDKSQIHDIVLVGGSTR	HSC70 WT (252, 258) [A] - HSC70 WT (326, 342) [B]		DSSd0 (A.257; B.328)	5	393-397	3	2836.5163	568.1091	2860.4451	572.8949	2848.4807	570.502	2872.4096	575.2877	---	----	HSC70 WT: 144.9%
DISENKR - LDKSQIHDIVLVGGSTR	HSC70 WT (252, 258) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.257; B.328)	5	393-397	3	2836.5163	568.1091	2860.4451	572.8949	2848.4807	570.502	2872.4096	575.2877	---	----	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - DISENKR	HSC70 WT (326, 342) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.328; B.257)	5	393-397	3	2836.5163	568.1091	2848.4807	570.502	2860.4451	572.8949	2872.4096	575.2877	---	----	HSC70 WT: 144.9%
DISENKR - LDKSQIHDIVLVGGSTR	HSC70 linker (252, 258) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.257; B.328)	5	393-397	3	2836.5163	568.1091	2860.4451	572.8949	2848.4807	570.502	2872.4096	575.2877	---	----	HSC70 linker: 144.9%
GETKSFYPEEVSSMVLTK - IPKIQK	HSC70 WT (109, 126) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.112; B.345)	4	445-448	2	2895.5424	724.6411	2904.5157	726.8844	2915.4831	729.6262	2924.4564	731.8696	---	----	HSC70 WT: 144.9%
GETKSFYPEEVSSMVLTK - IPKIQK	HSC70 WT (109, 126) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.112; B.345)	4	445-448	2	2895.5424	724.6411	2904.5157	726.8844	2915.4831	729.6262	2924.4564	731.8696	---	----	HSC70 WT: 144.9%
IPKIQK - GETKSFYPEEVSSMVLTK	HSC70 WT (343, 348) [A] - HSC70 linker (109, 126) [B]		DSSd0 (A.345; B.112)	4	445-448	2	2895.5424	724.6411	2915.4831	729.6262	2904.5157	726.8844	2924.4564	731.8696	---	----	HSC70 WT: 144.9%
GETKSFYPEEVSSMVLTK - IPKIQK	HSC70 linker (109, 126) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.112; B.345)	4	445-448	2	2895.5424	724.6411	2904.5157	726.8844	2915.4831	729.6262	2924.4564	731.8696	---	----	HSC70 linker: 144.9%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 WT (270, 272) [A] - HSC70 WT (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	708-713	3	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	---	----	HSC70 WT: 144.9%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 WT (270, 272) [A] - HSC70 linker (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	708-713	3	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	---	----	HSC70 WT: 144.9%
IPKIQKLLQDFFNGKELNK - AKR	HSC70 WT (343, 361) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.348; A.357); DSSd0 (A.345; B.271) | DSSd0 (A.345; A.357); DSSd0 (A.348; B.271) | DSSd0 (A.345; A.348); DSSd0 (A.357; B.271)	4	708-713	3	2922.6815	731.4258	2929.6608	733.1706	2949.6015	738.1558	2956.5807	739.9006	---	----	HSC70 WT: 144.9%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 linker (270, 272) [A] - HSC70 linker (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	708-713	3	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - LSKEDIER	HSC70 WT (57, 72) [A] - HSC70 WT (510, 517) [B]		DSSd0 (A.71; B.512)	4	389-395	3	2932.4833	733.8763	2944.4477	736.8674	2956.4121	739.8585	2968.3766	742.8496	---	----	HSC70 WT: 144.9%

NQVAMNPTNTVFDAKR - LSKEDIER	HSC70 WT (57, 72) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.71; B.512)	4	389-395	3	2932.4833	733.8763	2944.4477	736.8674	2956.4121	739.8585	2968.3766	742.8496	---	----	HSC70 WT: 144.9%
LSKEDIER - NQVAMNPTNTVFDAKR	HSC70 WT (510, 517) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.512; B.71)	4	389-395	3	2932.4833	733.8763	2956.4121	739.8585	2944.4477	736.8674	2968.3766	742.8496	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - LSKEDIER	HSC70 linker (57, 72) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.71; B.512)	4	389-395	3	2932.4833	733.8763	2944.4477	736.8674	2956.4121	739.8585	2968.3766	742.8496	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 WT (57, 72) [A] - HSC70 WT (501, 509) [B]		DSSd0 (A.71; B.507)	4	369-375	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	30	70	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 WT (57, 72) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.71; B.507)	4	369-375	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	30	70	HSC70 WT: 144.9%
ITITNDKGR - NQVAMNPTNTVFDAKR	HSC70 WT (501, 509) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.507; B.71)	4	369-375	4	2960.5258	740.8869	2984.4547	746.8691	2974.4843	744.3765	2998.4132	750.3587	30	70	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 linker (57, 72) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.71; B.507)	4	369-375	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	30	70	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 WT (156, 171) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.159; B.319)	4	475-480	4	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	24	76	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 WT (156, 171) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.159; B.319)	4	475-480	4	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	24	76	HSC70 WT: 144.9%
GTLDPVEKALR - QATKDAGTIAGLNVLR	HSC70 WT (312, 322) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.319; B.159)	4	475-480	4	2963.6524	741.6686	2985.5872	747.1523	2978.6079	745.4074	3000.5427	750.8911	24	76	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 linker (156, 171) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.159; B.319)	4	475-480	4	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	24	76	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 WT (156, 171) [A] - HSC70 WT (448, 458) [B]		DSSd0 (A.159; B.451)	4	427-429	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	24	76	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 WT (156, 171) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.159; B.451)	4	427-429	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	24	76	HSC70 WT: 144.9%
AMTKDNNLLGK - QATKDAGTIAGLNVLR	HSC70 WT (448, 458) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.451; B.159)	4	427-429	4	2969.6088	743.1577	2991.5436	748.6414	2984.5644	746.8965	3006.4991	752.3802	24	76	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 linker (156, 171) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.159; B.451)	4	427-429	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	24	76	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 WT (50, 71) [A] - HSC70 WT (188, 193) [B]		DSSd0 (A.56; B.188)	4	371-376	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	28	72	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 WT (50, 71) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.56; B.188)	4	371-376	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	28	72	HSC70 WT: 144.9%
KVGAER - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (188, 193) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.188; B.56)	4	371-376	4	3114.6252	779.4118	3142.5422	786.391	3124.5956	781.9043	3152.5125	788.8836	28	72	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 linker (50, 71) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.56; B.188)	4	371-376	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	28	72	HSC70 linker: 144.9%
IINEPTAAAIAYGLDKK - GTLDPVEKALR	HSC70 WT (172, 188) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.187; B.319)	4	505-512	3	3123.73	781.688	3138.6855	785.4268	3143.6707	786.6731	3158.6262	790.412	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - GTLDPVEKALR	HSC70 WT (172, 188) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.187; B.319)	4	505-512	3	3123.73	781.688	3138.6855	785.4268	3143.6707	786.6731	3158.6262	790.412	---	----	HSC70 WT: 144.9%
GTLDPVEKALR - IINEPTAAAIAYGLDKK	HSC70 WT (312, 322) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.319; B.187)	4	505-512	3	3123.73	781.688	3143.6707	786.6731	3138.6855	785.4268	3158.6262	790.412	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - GTLDPVEKALR	HSC70 linker (172, 188) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.187; B.319)	4	505-512	3	3123.73	781.688	3138.6855	785.4268	3143.6707	786.6731	3158.6262	790.412	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 WT (57, 72) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.71; B.319)	4	448-457	3	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 WT (57, 72) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.71; B.319)	4	448-457	3	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	---	----	HSC70 WT: 144.9%
GTLDPVEKALR - NQVAMNPTNTVFDAKR	HSC70 WT (312, 322) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.319; B.71)	4	448-457	3	3141.6361	786.1645	3165.5649	792.1467	3156.5916	789.9034	3180.5205	795.8856	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - GTLDPVEKALR	HSC70 linker (57, 72) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.71; B.319)	4	448-457	3	3141.6361	786.1645	3156.5916	789.9034	3165.5649	792.1467	3180.5205	795.8856	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - AMTKDNNLLGK	HSC70 WT (57, 72) [A] - HSC70 WT (448, 458) [B]		DSSd0 (A.71; B.451)	4	401-406	4	3147.5925	787.6536	3162.5481	791.3925	3171.5214	793.6358	3186.4769	797.3747	22	78	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - AMTKDNNLLGK	HSC70 WT (57, 72) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.71; B.451)	4	401-406	4	3147.5925	787.6536	3162.5481	791.3925	3171.5214	793.6358	3186.4769	797.3747	22	78	HSC70 WT: 144.9%
AMTKDNNLLGK - NQVAMNPTNTVFDAKR	HSC70 WT (448, 458) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.451; B.71)	4	401-406	4	3147.5925	787.6536	3171.5214	793.6358	3162.5481	791.3925	3186.4769	797.3747	22	78	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - AMTKDNNLLGK	HSC70 linker (57, 72) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.71; B.451)	4	401-406	4	3147.5925	787.6536	3162.5481	791.3925	3171.5214	793.6358	3186.4769	797.3747	22	78	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - MVNHFIAEFKR	HSC70 WT (156, 171) [A] - HSC70 WT (237, 247) [B]		DSSd0 (A.159; B.246)	5	468-476	4	3156.6986	632.1456	3174.6453	635.7349	3178.6334	636.5325	3196.58	640.1218	14	86	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - MVNHFIAEFKR	HSC70 WT (156, 171) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.159; B.246)	5	468-476	4	3156.6986	632.1456	3174.6453	635.7349	3178.6334	636.5325	3196.58	640.1218	14	86	HSC70 WT: 144.9%
MVNHFIAEFKR - QATKDAGTIAGLNVLR	HSC70 WT (237, 247) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.246; B.159)	5	468-476	4	3156.6986	632.1456	3178.6334	636.5325	3174.6453	635.7349	3196.58	640.1218	14	86	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - MVNHFIAEFKR	HSC70 linker (156, 171) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.159; B.246)	5	468-476	4	3156.6986	632.1456	3174.6453	635.7349	3178.6334	636.5325	3196.58	640.1218	14	86	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 WT (50, 71) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.56; B.345)	4	405-409	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	32	68	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 WT (50, 71) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.56; B.345)	4	405-409	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	32	68	HSC70 WT: 144.9%
IPKIQK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (343, 348) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.345; B.56)	4	405-409	4	3181.7289	796.1877	3209.6459	803.1669	3190.7023	798.431	3218.6192	805.4103	32	68	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 linker (50, 71) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.56; B.345)	4	405-409	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	32	68	HSC70 linker: 144.9%
SFYPEEVSSMVLTKMK - GTLDPVEKALR	HSC70 WT (113, 128) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.126; B.319)	4	582-587	3	3211.6629	803.6712	3226.6184	807.4101	3229.6095	808.1578	3244.5651	811.8967	---	----	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - GTLDPVEKALR	HSC70 WT (113, 128) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.126; B.319)	4	582-587	3	3211.6629	803.6712	3226.6184	807.4101	3229.6095	808.1578	3244.5651	811.8967	---	----	HSC70 WT: 144.9%
GTLDPVEKALR - SFYPEEVSSMVLTKMK	HSC70 WT (312, 322) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.319; B.126)	4	582-587	3	3211.6629	803.6712	3229.6095	808.1578	3226.6184	807.4101	3244.5651	811.8967	---	----	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - GTLDPVEKALR	HSC70 linker (113, 128) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.126; B.319)	4	582-587	3	3211.6629	803.6712	3226.6184	807.4101	3229.6095	808.1578	3244.5651	811.8967	---	----	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 WT (50, 71) [A] - HSC70 WT (494, 500) [B]		DSSd0 (A.56; B.497)	4	357-361	3	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 WT (50, 71) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.56; B.497)	4	357-361	3	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	---	----	HSC70 WT: 144.9%
STGKENK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (494, 500) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.497; B.56)	4	357-361	3	3218.6362	805.4145	3246.5531	812.3937	3228.6065	807.9071	3256.5235	814.8863	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 linker (50, 71) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.56; B.497)	4	357-361	3	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	---	----	HSC70 linker: 144.9%
IINEPTAAAIAYGLDKK - MVNHFIAEFKR	HSC70 WT (172, 188) [A] - HSC70 WT (237, 247) [B]		DSSd0 (A.187; B.246)	5	499-507	2	3316.7762	664.1611	3334.7229	667.7504	3336.7169	668.1492	3354.6636	671.7385	---	----	HSC70 WT: 144.9%

IINEPTAAAIAYGLDKK - MVNHFIAEFKR	HSC70 WT (172, 188) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.187; B.246)	5	499-507	2	3316.7762	664.1611	3334.7229	667.7504	3336.7169	668.1492	3354.6636	671.7385	---	----	HSC70 WT: 144.9%
MVNHFIAEFKR - IINEPTAAAIAYGLDKK	HSC70 WT (237, 247) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.246; B.187)	5	499-507	2	3316.7762	664.1611	3336.7169	668.1492	3334.7229	667.7504	3354.6636	671.7385	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - MVNHFIAEFKR	HSC70 linker (172, 188) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.187; B.246)	5	499-507	2	3316.7762	664.1611	3334.7229	667.7504	3336.7169	668.1492	3354.6636	671.7385	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 WT (57, 72) [A] - HSC70 WT (237, 247) [B]		DSSd0 (A.71; B.246)	5	448-457	3	3334.6823	667.7423	3352.629	671.3316	3358.6112	672.5281	3376.5578	676.1174	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 WT (57, 72) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.71; B.246)	5	448-457	3	3334.6823	667.7423	3352.629	671.3316	3358.6112	672.5281	3376.5578	676.1174	---	----	HSC70 WT: 144.9%
MVNHFIAEFKR - NQVAMNPTNTVFDAKR	HSC70 WT (237, 247) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.246; B.71)	5	448-457	3	3334.6823	667.7423	3358.6112	672.5281	3352.629	671.3316	3376.5578	676.1174	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 linker (57, 72) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.71; B.246)	5	448-457	3	3334.6823	667.7423	3352.629	671.3316	3358.6112	672.5281	3376.5578	676.1174	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - LQGKINDEDKQK	HSC70 WT (57, 72) [A] - HSC70 WT (558, 569) [B]		DSSd0 (A.71; B.561) | DSSd0 (A.71; B.567)	5	329-332	4	3358.706	672.547	3376.6526	676.1363	3382.6348	677.3328	3400.5814	680.9221	40	60	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - LQGKINDEDKQK	HSC70 WT (57, 72) [A] - HSC70 linker (558, 569) [B]		DSSd0 (A.71; B.561) | DSSd0 (A.71; B.567)	5	329-332	4	3358.706	672.547	3376.6526	676.1363	3382.6348	677.3328	3400.5814	680.9221	40	60	HSC70 WT: 144.9%
LQGKINDEDKQK - NQVAMNPTNTVFDAKR	HSC70 WT (558, 569) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.561; B.71) | DSSd0 (A.567; B.71)	5	329-332	4	3358.706	672.547	3382.6348	677.3328	3376.6526	676.1363	3400.5814	680.9221	40	60	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - LQGKINDEDKQK	HSC70 linker (57, 72) [A] - HSC70 linker (558, 569) [B]		DSSd0 (A.71; B.561) | DSSd0 (A.71; B.567)	5	329-332	4	3358.706	672.547	3376.6526	676.1363	3382.6348	677.3328	3400.5814	680.9221	40	60	HSC70 linker: 144.9%
GETKSFYPEEVSSMVLTK - GTLDPVEKALR	HSC70 WT (109, 126) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.112; B.319)	4	510-512	2	3367.7342	842.689	3382.6897	846.4279	3387.6748	847.6742	3402.6304	851.4131	---	----	HSC70 WT: 144.9%
GETKSFYPEEVSSMVLTK - GTLDPVEKALR	HSC70 WT (109, 126) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.112; B.319)	4	510-512	2	3367.7342	842.689	3382.6897	846.4279	3387.6748	847.6742	3402.6304	851.4131	---	----	HSC70 WT: 144.9%
GTLDPVEKALR - GETKSFYPEEVSSMVLTK	HSC70 WT (312, 322) [A] - HSC70 linker (109, 126) [B]		DSSd0 (A.319; B.112)	4	510-512	2	3367.7342	842.689	3387.6748	847.6742	3382.6897	846.4279	3402.6304	851.4131	---	----	HSC70 WT: 144.9%
GETKSFYPEEVSSMVLTK - GTLDPVEKALR	HSC70 linker (109, 126) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.112; B.319)	4	510-512	2	3367.7342	842.689	3382.6897	846.4279	3387.6748	847.6742	3402.6304	851.4131	---	----	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - QATKDAGTIAGLNVLR	HSC70 WT (156, 171) [A] - HSC70 WT (156, 171) [B]		DSSd0 (A.159; B.159)	4	487-491	4	3392.886	848.977	3414.8208	854.4606	3414.8208	854.4606	3436.7555	859.9443	27	73	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - QATKDAGTIAGLNVLR	HSC70 WT (156, 171) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.159; B.159)	4	487-491	4	3392.886	848.977	3414.8208	854.4606	3414.8208	854.4606	3436.7555	859.9443	27	73	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - QATKDAGTIAGLNVLR	HSC70 linker (156, 171) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.159; B.159)	4	487-491	4	3392.886	848.977	3414.8208	854.4606	3414.8208	854.4606	3436.7555	859.9443	27	73	HSC70 linker: 144.9%
SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 WT (113, 128) [A] - HSC70 WT (237, 247) [B]		DSSd0 (A.126; B.246)	5	566-572	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	17	83	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 WT (113, 128) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.126; B.246)	5	566-572	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	17	83	HSC70 WT: 144.9%
MVNHFIAEFKR - SFYPEEVSSMVLTKMK	HSC70 WT (237, 247) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.246; B.126)	5	566-572	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	17	83	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 linker (113, 128) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.126; B.246)	5	566-572	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	17	83	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - LSKEDIER	HSC70 WT (50, 71) [A] - HSC70 WT (510, 517) [B]		DSSd0 (A.56; B.512)	4	423-428	3	3444.7679	861.9474	3456.7323	864.9385	3472.6849	868.9267	3484.6493	871.9178	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - LSKEDIER	HSC70 WT (50, 71) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.56; B.512)	4	423-428	3	3444.7679	861.9474	3456.7323	864.9385	3472.6849	868.9267	3484.6493	871.9178	---	----	HSC70 WT: 144.9%
LSKEDIER - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (510, 517) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.512; B.56)	4	423-428	3	3444.7679	861.9474	3472.6849	868.9267	3456.7323	864.9385	3484.6493	871.9178	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - LSKEDIER	HSC70 linker (50, 71) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.56; B.512)	4	423-428	3	3444.7679	861.9474	3456.7323	864.9385	3472.6849	868.9267	3484.6493	871.9178	---	----	HSC70 linker: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 WT (129, 155) [A] - HSC70 WT (270, 272) [B]		DSSd0 (A.137; B.271)	4	510-519	4	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	23	77	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 WT (129, 155) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.137; B.271)	4	510-519	4	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	23	77	HSC70 WT: 144.9%
AKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (270, 272) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.271; B.137)	4	510-519	4	3467.8169	867.7097	3501.7161	876.1845	3474.7962	869.4545	3508.6953	877.9293	23	77	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - AKR	HSC70 linker (129, 155) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.137; B.271)	4	510-519	4	3467.8169	867.7097	3474.7962	869.4545	3501.7161	876.1845	3508.6953	877.9293	23	77	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - QATKDAGTIAGLNVLR	HSC70 WT (57, 72) [A] - HSC70 WT (156, 171) [B]		DSSd0 (A.71; B.159)	4	463-471	2	3570.8697	893.4729	3592.8045	898.9566	3594.7985	899.4551	3616.7333	904.9388	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - QATKDAGTIAGLNVLR	HSC70 WT (57, 72) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.71; B.159)	4	463-471	2	3570.8697	893.4729	3592.8045	898.9566	3594.7985	899.4551	3616.7333	904.9388	---	----	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - NQVAMNPTNTVFDAKR	HSC70 WT (156, 171) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.159; B.71)	4	463-471	2	3570.8697	893.4729	3594.7985	899.4551	3592.8045	898.9566	3616.7333	904.9388	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - QATKDAGTIAGLNVLR	HSC70 linker (57, 72) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.71; B.159)	4	463-471	2	3570.8697	893.4729	3592.8045	898.9566	3594.7985	899.4551	3616.7333	904.9388	---	----	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - LDKSQIHDIVLVGGSTR	HSC70 WT (156, 171) [A] - HSC70 WT (326, 342) [B]		DSSd0 (A.159; B.328)	5	483-489	2	3602.9864	721.4031	3626.9153	726.1889	3624.9212	725.7901	3648.85	730.5758	---	----	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - LDKSQIHDIVLVGGSTR	HSC70 WT (156, 171) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.159; B.328)	5	483-489	2	3602.9864	721.4031	3626.9153	726.1889	3624.9212	725.7901	3648.85	730.5758	---	----	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - QATKDAGTIAGLNVLR	HSC70 WT (326, 342) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.328; B.159)	5	483-489	2	3602.9864	721.4031	3624.9212	725.7901	3626.9153	726.1889	3648.85	730.5758	---	----	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - LDKSQIHDIVLVGGSTR	HSC70 linker (156, 171) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.159; B.328)	5	483-489	2	3602.9864	721.4031	3626.9153	726.1889	3624.9212	725.7901	3648.85	730.5758	---	----	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - DNNLLGKFELTGIPPAPR	HSC70 WT (156, 171) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.159; B.458)	4	581-593	3	3717.0334	930.0138	3740.9622	935.996	3738.9682	935.4975	3762.897	941.4797	---	----	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - DNNLLGKFELTGIPPAPR	HSC70 WT (156, 171) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.159; B.458)	4	581-593	3	3717.0334	930.0138	3740.9622	935.996	3738.9682	935.4975	3762.897	941.4797	---	----	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - QATKDAGTIAGLNVLR	HSC70 WT (452, 469) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.458; B.159)	4	581-593	3	3717.0334	930.0138	3738.9682	935.4975	3740.9622	935.996	3762.897	941.4797	---	----	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - DNNLLGKFELTGIPPAPR	HSC70 linker (156, 171) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.159; B.458)	4	581-593	3	3717.0334	930.0138	3740.9622	935.996	3738.9682	935.4975	3762.897	941.4797	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - IINEPTAAAIAYGLDKK	HSC70 WT (57, 72) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.71; B.187)	4	491-496	4	3730.9473	933.4923	3750.888	938.4774	3754.8761	939.4745	3774.8168	944.4597	28	72	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - IINEPTAAAIAYGLDKK	HSC70 WT (57, 72) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.71; B.187)	4	491-496	4	3730.9473	933.4923	3750.888	938.4774	3754.8761	939.4745	3774.8168	944.4597	28	72	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - NQVAMNPTNTVFDAKR	HSC70 WT (172, 188) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.187; B.71)	4	491-496	4	3730.9473	933.4923	3754.8761	939.4745	3750.888	938.4774	3774.8168	944.4597	28	72	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - IINEPTAAAIAYGLDKK	HSC70 linker (57, 72) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.71; B.187)	4	491-496	4	3730.9473	933.4923	3750.888	938.4774	3754.8761	939.4745	3774.8168	944.4597	28	72	HSC70 linker: 144.9%
FDDAVVQSDMKHWPFMVVNDAGRPK - IPKIQK	HSC70 WT (78, 102) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.88; B.345)	6	481-486	4	3752.9291	626.3276	3761.9024	627.8231	3787.8253	632.1436	3796.7987	633.6392	37	63	HSC70 WT: 144.9%
FDDAVVQSDMKHWPFMVVNDAGRPK - IPKIQK	HSC70 WT (78, 102) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.88; B.345)	6	481-486	4	3752.9291	626.3276	3761.9024	627.8231	3787.8253	632.1436	3796.7987	633.6392	37	63	HSC70 WT: 144.9%

IPKIQK - FDDAVVQSDMKHWPFMVVNDAGRPK	HSC70 WT (343, 348) [A] - HSC70 linker (78, 102) [B]		DSSd0 (A.345; B.88)	6	481-486	4	3752.9291	626.3276	3787.8253	632.1436	3761.9024	627.8231	3796.7987	633.6392	37	63	HSC70 WT: 144.9%
FDDAVVQSDMKHWPFMVVNDAGRPK - IPKIQK	HSC70 linker (78, 102) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.88; B.345)	6	481-486	4	3752.9291	626.3276	3761.9024	627.8231	3787.8253	632.1436	3796.7987	633.6392	37	63	HSC70 linker: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 WT (129, 155) [A] - HSC70 WT (188, 193) [B]		DSSd0 (A.137; B.188)	4	514-521	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	29	71	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 WT (129, 155) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.137; B.188)	4	514-521	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	29	71	HSC70 WT: 144.9%
KVGAER - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (188, 193) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.188; B.137)	4	514-521	4	3752.9494	938.9928	3786.8486	947.4676	3762.9197	941.4854	3796.8189	949.9602	29	71	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - KVGAER	HSC70 linker (129, 155) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.137; B.188)	4	514-521	4	3752.9494	938.9928	3762.9197	941.4854	3786.8486	947.4676	3796.8189	949.9602	29	71	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - LDKSQIHDIVLVGGSTR	HSC70 WT (57, 72) [A] - HSC70 WT (326, 342) [B]		DSSd0 (A.71; B.328)	5	466-471	4	3780.9701	756.9998	3804.899	761.7856	3804.899	761.7856	3828.8278	766.5714	7	93	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - LDKSQIHDIVLVGGSTR	HSC70 WT (57, 72) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.71; B.328)	5	466-471	4	3780.9701	756.9998	3804.899	761.7856	3804.899	761.7856	3828.8278	766.5714	7	93	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - NQVAMNPTNTVFDAKR	HSC70 WT (326, 342) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.328; B.71)	5	466-471	4	3780.9701	756.9998	3804.899	761.7856	3804.899	761.7856	3828.8278	766.5714	7	93	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - LDKSQIHDIVLVGGSTR	HSC70 linker (57, 72) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.71; B.328)	5	466-471	4	3780.9701	756.9998	3804.899	761.7856	3804.899	761.7856	3828.8278	766.5714	7	93	HSC70 linker: 144.9%
SFYPEEVSSMVLTKMK - IINEPTAAAIAYGLDKK	HSC70 WT (113, 128) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.126; B.187)	4	602-609	3	3800.9741	950.999	3820.9148	955.9841	3818.9207	955.4856	3838.8614	960.4708	---	----	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - IINEPTAAAIAYGLDKK	HSC70 WT (113, 128) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.126; B.187)	4	602-609	3	3800.9741	950.999	3820.9148	955.9841	3818.9207	955.4856	3838.8614	960.4708	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - SFYPEEVSSMVLTKMK	HSC70 WT (172, 188) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.187; B.126)	4	602-609	3	3800.9741	950.999	3818.9207	955.4856	3820.9148	955.9841	3838.8614	960.4708	---	----	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - IINEPTAAAIAYGLDKK	HSC70 linker (113, 128) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.126; B.187)	4	602-609	3	3800.9741	950.999	3820.9148	955.9841	3818.9207	955.4856	3838.8614	960.4708	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 WT (57, 72) [A] - HSC70 WT (113, 128) [B]		DSSd0 (A.71; B.126)	4	564-572	4	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	13	87	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 WT (57, 72) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.71; B.126)	4	564-572	4	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	13	87	HSC70 WT: 144.9%
SFYPEEVSSMVLTKMK - NQVAMNPTNTVFDAKR	HSC70 WT (113, 128) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.126; B.71)	4	564-572	4	3818.8802	955.4755	3842.809	961.4577	3836.8268	959.9622	3860.7556	965.9444	13	87	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 linker (57, 72) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.71; B.126)	4	564-572	4	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	13	87	HSC70 linker: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IPKIQK	HSC70 WT (129, 155) [A] - HSC70 WT (343, 348) [B]		DSSd0 (A.137; B.345)	5	529-532	4	3820.0531	764.8164	3829.0264	766.6111	3853.9523	771.5963	3862.9256	773.3909	40	60	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IPKIQK	HSC70 WT (129, 155) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.137; B.345)	5	529-532	4	3820.0531	764.8164	3829.0264	766.6111	3853.9523	771.5963	3862.9256	773.3909	40	60	HSC70 WT: 144.9%
IPKIQK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (343, 348) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.345; B.137)	5	529-532	4	3820.0531	764.8164	3853.9523	771.5963	3829.0264	766.6111	3862.9256	773.3909	40	60	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IPKIQK	HSC70 linker (129, 155) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.137; B.345)	5	529-532	4	3820.0531	764.8164	3829.0264	766.6111	3853.9523	771.5963	3862.9256	773.3909	40	60	HSC70 linker: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - STGKENK	HSC70 WT (129, 155) [A] - HSC70 WT (494, 500) [B]		DSSd0 (A.137; B.497)	4	506-511	3	3856.9603	964.9955	3866.9307	967.4881	3890.8595	973.4703	3900.8299	975.9629	---	----	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - STGKENK	HSC70 WT (129, 155) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.137; B.497)	4	506-511	3	3856.9603	964.9955	3866.9307	967.4881	3890.8595	973.4703	3900.8299	975.9629	---	----	HSC70 WT: 144.9%
STGKENK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (494, 500) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.497; B.137)	4	506-511	3	3856.9603	964.9955	3890.8595	973.4703	3866.9307	967.4881	3900.8299	975.9629	---	----	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - STGKENK	HSC70 linker (129, 155) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.137; B.497)	4	506-511	3	3856.9603	964.9955	3866.9307	967.4881	3890.8595	973.4703	3900.8299	975.9629	---	----	HSC70 linker: 144.9%
IINEPTAAAIAYGLDKK - DNNLLGKFELTGIPPAPR	HSC70 WT (172, 188) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.187; B.458)	5	601-612	2	3877.111	776.228	3901.0398	781.0138	3897.0517	780.2162	3920.9805	785.0019	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - DNNLLGKFELTGIPPAPR	HSC70 WT (172, 188) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.187; B.458)	5	601-612	2	3877.111	776.228	3901.0398	781.0138	3897.0517	780.2162	3920.9805	785.0019	---	----	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - IINEPTAAAIAYGLDKK	HSC70 WT (452, 469) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.458; B.187)	5	601-612	2	3877.111	776.228	3897.0517	780.2162	3901.0398	781.0138	3920.9805	785.0019	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - DNNLLGKFELTGIPPAPR	HSC70 linker (172, 188) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.187; B.458)	5	601-612	2	3877.111	776.228	3901.0398	781.0138	3897.0517	780.2162	3920.9805	785.0019	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 WT (57, 72) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.71; B.458)	4	561-575	4	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	42	58	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 WT (57, 72) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.71; B.458)	4	561-575	4	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	42	58	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - NQVAMNPTNTVFDAKR	HSC70 WT (452, 469) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.458; B.71)	4	561-575	4	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	42	58	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 linker (57, 72) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.71; B.458)	4	561-575	4	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	42	58	HSC70 linker: 144.9%
LDKSQIHDIVLVGGSTR - DNNLLGKFELTGIPPAPR	HSC70 WT (326, 342) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.328; B.458)	5	571-576	4	3927.1338	786.2326	3951.0627	791.0184	3951.0627	791.0184	3974.9915	795.8041	---	----	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - DNNLLGKFELTGIPPAPR	HSC70 WT (326, 342) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.328; B.458)	5	571-576	4	3927.1338	786.2326	3951.0627	791.0184	3951.0627	791.0184	3974.9915	795.8041	---	----	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - LDKSQIHDIVLVGGSTR	HSC70 WT (452, 469) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.458; B.328)	5	571-576	4	3927.1338	786.2326	3951.0627	791.0184	3951.0627	791.0184	3974.9915	795.8041	---	----	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - DNNLLGKFELTGIPPAPR	HSC70 linker (326, 342) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.328; B.458)	5	571-576	4	3927.1338	786.2326	3951.0627	791.0184	3951.0627	791.0184	3974.9915	795.8041	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - GETKSFYPEEVSSMVLTK	HSC70 WT (57, 72) [A] - HSC70 WT (109, 126) [B]		DSSd0 (A.71; B.112)	4	497-504	3	3974.9514	994.4933	3994.8921	999.4785	3998.8803	1000.4755	4018.821	1005.4607	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - GETKSFYPEEVSSMVLTK	HSC70 WT (57, 72) [A] - HSC70 linker (109, 126) [B]		DSSd0 (A.71; B.112)	4	497-504	3	3974.9514	994.4933	3994.8921	999.4785	3998.8803	1000.4755	4018.821	1005.4607	---	----	HSC70 WT: 144.9%
GETKSFYPEEVSSMVLTK - NQVAMNPTNTVFDAKR	HSC70 WT (109, 126) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.112; B.71)	4	497-504	3	3974.9514	994.4933	3998.8803	1000.4755	3994.8921	999.4785	4018.821	1005.4607	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - GETKSFYPEEVSSMVLTK	HSC70 linker (57, 72) [A] - HSC70 linker (109, 126) [B]		DSSd0 (A.71; B.112)	4	497-504	3	3974.9514	994.4933	3994.8921	999.4785	3998.8803	1000.4755	4018.821	1005.4607	---	----	HSC70 linker: 144.9%
AKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (270, 272) [A] - HSC70 WT (417, 447) [B]		DSSd0 (A.271; B.423)	4	442-449	4	4041.0564	1011.0195	4081.9348	1021.2392	4048.0356	1012.7644	4088.914	1022.984	17	83	HSC70 WT: 144.9%
AKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (270, 272) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.271; B.423)	4	442-449	4	4041.0564	1011.0195	4081.9348	1021.2392	4048.0356	1012.7644	4088.914	1022.984	17	83	HSC70 WT: 144.9%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - AKR	HSC70 WT (417, 447) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.423; B.271)	4	442-449	4	4041.0564	1011.0195	4048.0356	1012.7644	4081.9348	1021.2392	4088.914	1022.984	17	83	HSC70 WT: 144.9%
AKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker (270, 272) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.271; B.423)	4	442-449	4	4041.0564	1011.0195	4081.9348	1021.2392	4048.0356	1012.7644	4088.914	1022.984	17	83	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 WT (50, 71) [A] - HSC70 WT (156, 171) [B]		DSSd0 (A.56; B.159)	4	486-493	3	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 WT (50, 71) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.56; B.159)	4	486-493	3	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	---	----	HSC70 WT: 144.9%

QATKDAGTIAGLNVLR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (156, 171) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.159; B.56)	4	486-493	3	4083.1543	1021.544	4111.0713	1028.5233	4105.0891	1027.0277	4133.006	1034.007	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 linker (50, 71) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.56; B.159)	4	486-493	3	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	---	----	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - IINEPTAAAIAYGLDKK	HSC70 WT (50, 71) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.56; B.187)	4	512-518	4	4243.2319	1061.5634	4263.1726	1066.5486	4271.1489	1068.5427	4291.0896	1073.5278	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - IINEPTAAAIAYGLDKK	HSC70 WT (50, 71) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.56; B.187)	4	512-518	4	4243.2319	1061.5634	4263.1726	1066.5486	4271.1489	1068.5427	4291.0896	1073.5278	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (172, 188) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.187; B.56)	4	512-518	4	4243.2319	1061.5634	4271.1489	1068.5427	4263.1726	1066.5486	4291.0896	1073.5278	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - IINEPTAAAIAYGLDKK	HSC70 linker (50, 71) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.56; B.187)	4	512-518	4	4243.2319	1061.5634	4263.1726	1066.5486	4271.1489	1068.5427	4291.0896	1073.5278	---	----	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - NQVAMNPTNTVFDAKR	HSC70 WT (50, 71) [A] - HSC70 WT (57, 72) [B]		DSSd0 (A.56; B.71)	4	465-469	4	4261.138	1066.04	4285.0668	1072.0222	4289.055	1073.0192	4312.9838	1079.0014	179	0	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - NQVAMNPTNTVFDAKR	HSC70 WT (50, 71) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.56; B.71)	4	465-469	4	4261.138	1066.04	4285.0668	1072.0222	4289.055	1073.0192	4312.9838	1079.0014	179	0	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (57, 72) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.71; B.56)	4	465-469	4	4261.138	1066.04	4289.055	1073.0192	4285.0668	1072.0222	4312.9838	1079.0014	179	0	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - NQVAMNPTNTVFDAKR	HSC70 linker (50, 71) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.56; B.71)	4	465-469	4	4261.138	1066.04	4285.0668	1072.0222	4289.055	1073.0192	4312.9838	1079.0014	179	0	HSC70 linker: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - GTLDPVEKALR	HSC70 WT (129, 155) [A] - HSC70 WT (312, 322) [B]		DSSd0 (A.137; B.319)	4	574-581	4	4292.2449	1073.8167	4307.2004	1077.5556	4326.1441	1082.2915	4341.0996	1086.0304	27	73	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - GTLDPVEKALR	HSC70 WT (129, 155) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.137; B.319)	4	574-581	4	4292.2449	1073.8167	4307.2004	1077.5556	4326.1441	1082.2915	4341.0996	1086.0304	27	73	HSC70 WT: 144.9%
GTLDPVEKALR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (312, 322) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.319; B.137)	4	574-581	4	4292.2449	1073.8167	4326.1441	1082.2915	4307.2004	1077.5556	4341.0996	1086.0304	27	73	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - GTLDPVEKALR	HSC70 linker (129, 155) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.137; B.319)	4	574-581	4	4292.2449	1073.8167	4307.2004	1077.5556	4326.1441	1082.2915	4341.0996	1086.0304	27	73	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 WT (50, 71) [A] - HSC70 WT (326, 342) [B]		DSSd0 (A.56; B.328)	5	483-486	2	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 WT (50, 71) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.56; B.328)	5	483-486	2	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (326, 342) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.328; B.56)	5	483-486	2	4293.2547	859.4568	4321.1717	865.0402	4317.1836	864.2425	4345.1006	869.8259	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 linker (50, 71) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.56; B.328)	5	483-486	2	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - DNNLLGKFELTGIPPAPR	HSC70 WT (50, 71) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.56; B.458)	5	574-589	3	4407.3017	882.2662	4431.2305	887.0519	4435.2187	887.8496	4459.1475	892.6353	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - DNNLLGKFELTGIPPAPR	HSC70 WT (50, 71) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.56; B.458)	5	574-589	3	4407.3017	882.2662	4431.2305	887.0519	4435.2187	887.8496	4459.1475	892.6353	---	----	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (452, 469) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.458; B.56)	5	574-589	3	4407.3017	882.2662	4435.2187	887.8496	4431.2305	887.0519	4459.1475	892.6353	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - DNNLLGKFELTGIPPAPR	HSC70 linker (50, 71) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.56; B.458)	5	574-589	3	4407.3017	882.2662	4431.2305	887.0519	4435.2187	887.8496	4459.1475	892.6353	---	----	HSC70 linker: 144.9%
GTLDPVEKALR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (312, 322) [A] - HSC70 WT (417, 447) [B]		DSSd0 (A.319; B.423)	5	518-526	4	4865.4843	973.9027	4906.3628	982.0784	4880.4399	976.8938	4921.3183	985.0695	26	74	HSC70 WT: 144.9%
GTLDPVEKALR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (312, 322) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.319; B.423)	5	518-526	4	4865.4843	973.9027	4906.3628	982.0784	4880.4399	976.8938	4921.3183	985.0695	26	74	HSC70 WT: 144.9%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - GTLDPVEKALR	HSC70 WT (417, 447) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.423; B.319)	5	518-526	4	4865.4843	973.9027	4880.4399	976.8938	4906.3628	982.0784	4921.3183	985.0695	26	74	HSC70 WT: 144.9%
GTLDPVEKALR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker (312, 322) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.319; B.423)	5	518-526	4	4865.4843	973.9027	4906.3628	982.0784	4880.4399	976.8938	4921.3183	985.0695	26	74	HSC70 linker: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 WT (129, 155) [A] - HSC70 WT (172, 188) [B]		DSSd0 (A.137; B.187)	5	594-602	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	---	----	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 WT (129, 155) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.137; B.187)	5	594-602	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	---	----	HSC70 WT: 144.9%
IINEPTAAAIAYGLDKK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (172, 188) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.187; B.137)	5	594-602	4	4881.5561	977.117	4915.4552	983.8969	4901.4968	981.1052	4935.3959	987.885	---	----	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - IINEPTAAAIAYGLDKK	HSC70 linker (129, 155) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.137; B.187)	5	594-602	4	4881.5561	977.117	4901.4968	981.1052	4915.4552	983.8969	4935.3959	987.885	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (57, 72) [A] - HSC70 WT (129, 155) [B]		DSSd0 (A.71; B.137)	5	562-571	3	4899.4622	980.6983	4933.3614	987.4781	4923.391	985.484	4957.2902	992.2639	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (57, 72) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.71; B.137)	5	562-571	3	4899.4622	980.6983	4933.3614	987.4781	4923.391	985.484	4957.2902	992.2639	---	----	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - NQVAMNPTNTVFDAKR	HSC70 WT (129, 155) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.137; B.71)	5	562-571	3	4899.4622	980.6983	4923.391	985.484	4933.3614	987.4781	4957.2902	992.2639	---	----	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 linker (57, 72) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.71; B.137)	5	562-571	3	4899.4622	980.6983	4933.3614	987.4781	4923.391	985.484	4957.2902	992.2639	---	----	HSC70 linker: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 WT (129, 155) [A] - HSC70 WT (452, 469) [B]		DSSd0 (A.137; B.458)	5	646-653	3	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 WT (129, 155) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.137; B.458)	5	646-653	3	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 WT: 144.9%
DNNLLGKFELTGIPPAPR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (452, 469) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.458; B.137)	5	646-653	3	5045.6259	1009.931	5079.5251	1016.7108	5069.5547	1014.7168	5103.4539	1021.4966	---	----	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 linker (129, 155) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.137; B.458)	5	646-653	3	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 linker: 144.9%
MVNHFIAEFKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (237, 247) [A] - HSC70 WT (417, 447) [B]		DSSd0 (A.246; B.423)	5	507-514	4	5058.5306	1012.5119	5099.409	1020.6876	5076.4772	1016.1013	5117.3556	1024.277	26	74	HSC70 WT: 144.9%
MVNHFIAEFKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (237, 247) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.246; B.423)	5	507-514	4	5058.5306	1012.5119	5099.409	1020.6876	5076.4772	1016.1013	5117.3556	1024.277	26	74	HSC70 WT: 144.9%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - MVNHFIAEFKR	HSC70 WT (417, 447) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.423; B.246)	5	507-514	4	5058.5306	1012.5119	5076.4772	1016.1013	5099.409	1020.6876	5117.3556	1024.277	26	74	HSC70 WT: 144.9%
MVNHFIAEFKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker (237, 247) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.246; B.423)	5	507-514	4	5058.5306	1012.5119	5099.409	1020.6876	5076.4772	1016.1013	5117.3556	1024.277	26	74	HSC70 linker: 144.9%
QATKDAGTIAGLNVLR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (156, 171) [A] - HSC70 WT (417, 447) [B]		DSSd0 (A.159; B.423)	5	525-535	4	5294.7179	1059.7494	5335.5964	1067.9251	5316.6527	1064.1364	5357.5311	1072.312	25	75	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (156, 171) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.159; B.423)	5	525-535	4	5294.7179	1059.7494	5335.5964	1067.9251	5316.6527	1064.1364	5357.5311	1072.312	25	75	HSC70 WT: 144.9%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - QATKDAGTIAGLNVLR	HSC70 WT (417, 447) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.423; B.159)	5	525-535	4	5294.7179	1059.7494	5316.6527	1064.1364	5335.5964	1067.9251	5357.5311	1072.312	25	75	HSC70 WT: 144.9%
QATKDAGTIAGLNVLR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker (156, 171) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.159; B.423)	5	525-535	4	5294.7179	1059.7494	5335.5964	1067.9251	5316.6527	1064.1364	5357.5311	1072.312	25	75	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (50, 71) [A] - HSC70 WT (129, 155) [B]		DSSd0 (A.56; B.137)	5	576-581	2	5411.7468	1083.1552	5445.646	1089.935	5439.6638	1088.7386	5473.563	1095.5184	---	----	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 WT (50, 71) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.56; B.137)	5	576-581	2	5411.7468	1083.1552	5445.646	1089.935	5439.6638	1088.7386	5473.563	1095.5184	---	----	HSC70 WT: 144.9%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (129, 155) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.137; B.56)	5	576-581	2	5411.7468	1083.1552	5439.6638	1088.7386	5445.646	1089.935	5473.563	1095.5184	---	----	HSC70 WT: 144.9%

LIGDAAKNQVAMNPTNTVFDAK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 linker (50, 71) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.56; B.137)	5	576-581	2	5411.7468	1083.1552	5445.646	1089.935	5439.6638	1088.7386	5473.563	1095.5184	---	----	HSC70 linker: 144.9%
NQVAMNPTNTVFDAKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (57, 72) [A] - HSC70 WT (417, 447) [B]		DSSd0 (A.71; B.423)	5	506-514	4	5472.7016	1095.3461	5513.5801	1103.5218	5496.6305	1100.1319	5537.5089	1108.3076	43	57	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (57, 72) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.71; B.423)	5	506-514	4	5472.7016	1095.3461	5513.5801	1103.5218	5496.6305	1100.1319	5537.5089	1108.3076	43	57	HSC70 WT: 144.9%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - NQVAMNPTNTVFDAKR	HSC70 WT (417, 447) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.423; B.71)	5	506-514	4	5472.7016	1095.3461	5496.6305	1100.1319	5513.5801	1103.5218	5537.5089	1108.3076	43	57	HSC70 WT: 144.9%
NQVAMNPTNTVFDAKR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker (57, 72) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.71; B.423)	5	506-514	4	5472.7016	1095.3461	5513.5801	1103.5218	5496.6305	1100.1319	5537.5089	1108.3076	43	57	HSC70 linker: 144.9%
LDKSQIHDIVLVGGSTR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (326, 342) [A] - HSC70 WT (417, 447) [B]		DSSd0 (A.328; B.423)	5	517-528	4	5504.8184	1101.7695	5545.6968	1109.9452	5528.7472	1106.5553	5569.6256	1114.7309	---	----	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (326, 342) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.328; B.423)	5	517-528	4	5504.8184	1101.7695	5545.6968	1109.9452	5528.7472	1106.5553	5569.6256	1114.7309	---	----	HSC70 WT: 144.9%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - LDKSQIHDIVLVGGSTR	HSC70 WT (417, 447) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.423; B.328)	5	517-528	4	5504.8184	1101.7695	5528.7472	1106.5553	5545.6968	1109.9452	5569.6256	1114.7309	---	----	HSC70 WT: 144.9%
LDKSQIHDIVLVGGSTR - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker (326, 342) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.328; B.423)	5	517-528	4	5504.8184	1101.7695	5545.6968	1109.9452	5528.7472	1106.5553	5569.6256	1114.7309	---	----	HSC70 linker: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (50, 71) [A] - HSC70 WT (417, 447) [B]		DSSd0 (A.56; B.423)	5	523-528	4	5984.9862	1197.8031	6025.8647	1205.9788	6012.9032	1203.3865	6053.7817	1211.5622	50	50	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 WT (50, 71) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.56; B.423)	5	523-528	4	5984.9862	1197.8031	6025.8647	1205.9788	6012.9032	1203.3865	6053.7817	1211.5622	50	50	HSC70 WT: 144.9%
NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER - LIGDAAKNQVAMNPTNTVFDAK	HSC70 WT (417, 447) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.423; B.56)	5	523-528	4	5984.9862	1197.8031	6012.9032	1203.3865	6025.8647	1205.9788	6053.7817	1211.5622	50	50	HSC70 WT: 144.9%
LIGDAAKNQVAMNPTNTVFDAK - NTTIPTKQTQTFTTYSDNQPGVLIQVYEGER	HSC70 linker (50, 71) [A] - HSC70 linker (417, 447) [B]		DSSd0 (A.56; B.423)	5	523-528	4	5984.9862	1197.8031	6025.8647	1205.9788	6012.9032	1203.3865	6053.7817	1211.5622	50	50	HSC70 linker: 144.9%

SBD-mutant-linker-mutant

Cross-link	Protein	Modification	Bonds	Charge	Scan	Forms found	Theoretical LL m/z (1+)	Theoretical LL m/z (X+)	Theoretical LH m/z (1+)	Theoretical LH m/z (X+)	Theoretical HL m/z (1+)	Theoretical HL m/z (X+)	Theoretical HH m/z (1+)	Theoretical HH m/z (X+)	Inter CL (%)	Intra CL (%)	Correction ratios
MSK - MVQEAEKYK	HSC70 SBD (1, 3) [A] - HSC70 SBD (518, 526) [B]		DSSd0 (A.N-terminus; B.524)	3	228-231	4	1627.807	543.2738	1639.7714	547.262	1631.7951	544.6032	1643.7596	548.5914	13	87	HSC70 SBD: 107.4%
MSK - MVQEAEKYK	HSC70 SBD (1, 3) [A] - HSC70 linker (518, 526) [B]		DSSd0 (A.N-terminus; B.524)	3	228-231	4	1627.807	543.2738	1639.7714	547.262	1631.7951	544.6032	1643.7596	548.5914	13	87	HSC70 SBD: 107.4%
MVQEAEKYK - MSK	HSC70 SBD (518, 526) [A] - HSC70 linker (1, 3) [B]		DSSd0 (A.524; B.N-terminus)	3	228-231	4	1627.807	543.2738	1631.7951	544.6032	1639.7714	547.262	1643.7596	548.5914	13	87	HSC70 SBD: 107.4%
MSK - MVQEAEKYK	HSC70 linker (1, 3) [A] - HSC70 linker (518, 526) [B]		DSSd0 (A.N-terminus; B.524)	3	228-231	4	1627.807	543.2738	1639.7714	547.262	1631.7951	544.6032	1643.7596	548.5914	13	87	HSC70 linker: 107.4%
KVGAER - LSKEDIER	HSC70 SBD (188, 193) [A] - HSC70 SBD (510, 517) [B]		DSSd0 (A.188; B.512)	3	240-242	3	1785.9705	595.995	1797.9349	599.9832	1795.9409	599.3185	1807.9053	603.3066	---	----	HSC70 SBD: 107.4%
KVGAER - LSKEDIER	HSC70 SBD (188, 193) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.188; B.512)	3	240-242	3	1785.9705	595.995	1797.9349	599.9832	1795.9409	599.3185	1807.9053	603.3066	---	----	HSC70 SBD: 107.4%
LSKEDIER - KVGAER	HSC70 SBD (510, 517) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.512; B.188)	3	240-242	3	1785.9705	595.995	1795.9409	599.3185	1797.9349	599.9832	1807.9053	603.3066	---	----	HSC70 SBD: 107.4%
KVGAER - LSKEDIER	HSC70 linker (188, 193) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.188; B.512)	3	240-242	3	1785.9705	595.995	1797.9349	599.9832	1795.9409	599.3185	1807.9053	603.3066	---	----	HSC70 linker: 107.4%
KVGAER - ITITNDKGR	HSC70 SBD (188, 193) [A] - HSC70 SBD (501, 509) [B]		DSSd0 (A.188; B.507)	4	203-206	3	1814.013	454.2587	1827.9715	457.7483	1823.9834	456.7513	1837.9419	460.2409	---	----	HSC70 SBD: 107.4%
KVGAER - ITITNDKGR	HSC70 SBD (188, 193) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.188; B.507)	4	203-206	3	1814.013	454.2587	1827.9715	457.7483	1823.9834	456.7513	1837.9419	460.2409	---	----	HSC70 SBD: 107.4%
ITITNDKGR - KVGAER	HSC70 SBD (501, 509) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.507; B.188)	4	203-206	3	1814.013	454.2587	1823.9834	456.7513	1827.9715	457.7483	1837.9419	460.2409	---	----	HSC70 SBD: 107.4%
KVGAER - ITITNDKGR	HSC70 linker (188, 193) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.188; B.507)	4	203-206	3	1814.013	454.2587	1827.9715	457.7483	1823.9834	456.7513	1837.9419	460.2409	---	----	HSC70 linker: 107.4%
IPKIQK - LSKEDIER	HSC70 SBD (343, 348) [A] - HSC70 SBD (510, 517) [B]		DSSd0 (A.345; B.512)	4	296-298	3	1853.0742	464.024	1865.0387	467.0151	1862.0476	466.2673	1874.012	469.2585	---	----	HSC70 SBD: 107.4%
IPKIQK - LSKEDIER	HSC70 SBD (343, 348) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.345; B.512)	4	296-298	3	1853.0742	464.024	1865.0387	467.0151	1862.0476	466.2673	1874.012	469.2585	---	----	HSC70 SBD: 107.4%
LSKEDIER - IPKIQK	HSC70 SBD (510, 517) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.512; B.345)	4	296-298	3	1853.0742	464.024	1862.0476	466.2673	1865.0387	467.0151	1874.012	469.2585	---	----	HSC70 SBD: 107.4%
IPKIQK - LSKEDIER	HSC70 linker (343, 348) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.345; B.512)	4	296-298	3	1853.0742	464.024	1865.0387	467.0151	1862.0476	466.2673	1874.012	469.2585	---	----	HSC70 linker: 107.4%
DISENKR - LSKEDIER	HSC70 SBD (252, 258) [A] - HSC70 SBD (510, 517) [B]		DSSd0 (A.257; B.512)	4	269-270	4	1988.0295	497.7628	1999.9939	500.7539	1999.9939	500.7539	2011.9583	503.745	16	84	HSC70 SBD: 107.4%
DISENKR - LSKEDIER	HSC70 SBD (252, 258) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.257; B.512)	4	269-270	4	1988.0295	497.7628	1999.9939	500.7539	1999.9939	500.7539	2011.9583	503.745	16	84	HSC70 SBD: 107.4%
LSKEDIER - DISENKR	HSC70 SBD (510, 517) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.512; B.257)	4	269-270	4	1988.0295	497.7628	1999.9939	500.7539	1999.9939	500.7539	2011.9583	503.745	16	84	HSC70 SBD: 107.4%
DISENKR - LSKEDIER	HSC70 linker (252, 258) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.257; B.512)	4	269-270	4	1988.0295	497.7628	1999.9939	500.7539	1999.9939	500.7539	2011.9583	503.745	16	84	HSC70 linker: 107.4%
VQVEYKGETK - IPKIQK	HSC70 SBD (103, 112) [A] - HSC70 SBD (343, 348) [B]		DSSd0 (A.108; B.345)	4	265-270	4	2044.1689	511.7977	2053.1422	514.041	2057.1303	515.038	2066.1036	517.2814	59	41	HSC70 SBD: 107.4%
VQVEYKGETK - IPKIQK	HSC70 SBD (103, 112) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.108; B.345)	4	265-270	4	2044.1689	511.7977	2053.1422	514.041	2057.1303	515.038	2066.1036	517.2814	59	41	HSC70 SBD: 107.4%
IPKIQK - VQVEYKGETK	HSC70 SBD (343, 348) [A] - HSC70 linker (103, 112) [B]		DSSd0 (A.345; B.108)	4	265-270	4	2044.1689	511.7977	2057.1303	515.038	2053.1422	514.041	2066.1036	517.2814	59	41	HSC70 SBD: 107.4%
VQVEYKGETK - IPKIQK	HSC70 linker (103, 112) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.108; B.345)	4	265-270	4	2044.1689	511.7977	2053.1422	514.041	2057.1303	515.038	2066.1036	517.2814	59	41	HSC70 linker: 107.4%
IPKIQK - AMTKDNNLLGK	HSC70 SBD (343, 348) [A] - HSC70 SBD (448, 458) [B]		DSSd0 (A.345; B.451)	4	310-312	3	2068.1835	517.8013	2083.139	521.5402	2077.1568	520.0447	2092.1123	523.7835	---	----	HSC70 SBD: 107.4%
IPKIQK - AMTKDNNLLGK	HSC70 SBD (343, 348) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.345; B.451)	4	310-312	3	2068.1835	517.8013	2083.139	521.5402	2077.1568	520.0447	2092.1123	523.7835	---	----	HSC70 SBD: 107.4%
AMTKDNNLLGK - IPKIQK	HSC70 SBD (448, 458) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.451; B.345)	4	310-312	3	2068.1835	517.8013	2077.1568	520.0447	2083.139	521.5402	2092.1123	523.7835	---	----	HSC70 SBD: 107.4%
IPKIQK - AMTKDNNLLGK	HSC70 linker (343, 348) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.345; B.451)	4	310-312	3	2068.1835	517.8013	2083.139	521.5402	2077.1568	520.0447	2092.1123	523.7835	---	----	HSC70 linker: 107.4%
IPKIQK - ATVEDEKLQGK	HSC70 SBD (343, 348) [A] - HSC70 SBD (551, 561) [B]		DSSd0 (A.345; B.557)	4	276-286	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	43	57	HSC70 SBD: 107.4%
IPKIQK - ATVEDEKLQGK	HSC70 SBD (343, 348) [A] - HSC70 linker (551, 561) [B]		DSSd0 (A.345; B.557)	4	276-286	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	43	57	HSC70 SBD: 107.4%
ATVEDEKLQGK - IPKIQK	HSC70 SBD (551, 561) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.557; B.345)	4	276-286	4	2081.1852	521.0518	2090.1586	523.2951	2095.1437	524.5414	2104.1171	526.7847	43	57	HSC70 SBD: 107.4%

IPKIQK - ATVEDEKLQGK	HSC70 linker (343, 348) [A] - HSC70 linker (551, 561) [B]		DSSd0 (A.345; B.557)	4	276-286	4	2081.1852	521.0518	2095.1437	524.5414	2090.1586	523.2951	2104.1171	526.7847	43	57	HSC70 linker: 107.4%
QATKDAGTIAGLNVLR - AKR	HSC70 SBD (156, 171) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.159; B.271)	4	348-354	3	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - AKR	HSC70 SBD (156, 171) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.159; B.271)	4	348-354	3	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	---	----	HSC70 SBD: 107.4%
AKR - QATKDAGTIAGLNVLR	HSC70 SBD (270, 272) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.271; B.159)	4	348-354	3	2139.2244	535.5616	2161.1592	541.0453	2146.2037	537.3064	2168.1384	542.7901	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - AKR	HSC70 linker (156, 171) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.159; B.271)	4	348-354	3	2139.2244	535.5616	2146.2037	537.3064	2161.1592	541.0453	2168.1384	542.7901	---	----	HSC70 linker: 107.4%
IINEPTAAAIAYGLDKK - AKR	HSC70 SBD (172, 188) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.187; B.271)	4	402-409	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	23	77	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - AKR	HSC70 SBD (172, 188) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.187; B.271)	4	402-409	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	23	77	HSC70 SBD: 107.4%
AKR - IINEPTAAAIAYGLDKK	HSC70 SBD (270, 272) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.271; B.187)	4	402-409	4	2299.302	575.581	2319.2427	580.5661	2306.2813	577.3258	2326.222	582.3109	23	77	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - AKR	HSC70 linker (172, 188) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.187; B.271)	4	402-409	4	2299.302	575.581	2306.2813	577.3258	2319.2427	580.5661	2326.222	582.3109	23	77	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - AKR	HSC70 SBD (57, 72) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.71; B.271)	4	315-322	4	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	30	70	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - AKR	HSC70 SBD (57, 72) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.71; B.271)	4	315-322	4	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	30	70	HSC70 SBD: 107.4%
AKR - NQVAMNPTNTVFDAKR	HSC70 SBD (270, 272) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.271; B.71)	4	315-322	4	2317.2081	580.0575	2341.137	586.0397	2324.1874	581.8023	2348.1162	587.7845	30	70	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - AKR	HSC70 linker (57, 72) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.71; B.271)	4	315-322	4	2317.2081	580.0575	2324.1874	581.8023	2341.137	586.0397	2348.1162	587.7845	30	70	HSC70 linker: 107.4%
GTLDPVEKALR - LSKEDIER	HSC70 SBD (312, 322) [A] - HSC70 SBD (510, 517) [B]		DSSd0 (A.319; B.512)	4	400-404	3	2325.266	582.072	2337.2304	585.0631	2340.2215	585.8108	2352.186	588.8019	---	----	HSC70 SBD: 107.4%
GTLDPVEKALR - LSKEDIER	HSC70 SBD (312, 322) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.319; B.512)	4	400-404	3	2325.266	582.072	2337.2304	585.0631	2340.2215	585.8108	2352.186	588.8019	---	----	HSC70 SBD: 107.4%
LSKEDIER - GTLDPVEKALR	HSC70 SBD (510, 517) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.512; B.319)	4	400-404	3	2325.266	582.072	2340.2215	585.8108	2337.2304	585.0631	2352.186	588.8019	---	----	HSC70 SBD: 107.4%
GTLDPVEKALR - LSKEDIER	HSC70 linker (312, 322) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.319; B.512)	4	400-404	3	2325.266	582.072	2337.2304	585.0631	2340.2215	585.8108	2352.186	588.8019	---	----	HSC70 linker: 107.4%
AMTKDNNLLGK - LSKEDIER	HSC70 SBD (448, 458) [A] - HSC70 SBD (510, 517) [B]		DSSd0 (A.451; B.512)	4	339-346	4	2331.2224	583.5611	2343.1869	586.5522	2346.178	587.2999	2358.1424	590.2911	11	89	HSC70 SBD: 107.4%
AMTKDNNLLGK - LSKEDIER	HSC70 SBD (448, 458) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.451; B.512)	4	339-346	4	2331.2224	583.5611	2343.1869	586.5522	2346.178	587.2999	2358.1424	590.2911	11	89	HSC70 SBD: 107.4%
LSKEDIER - AMTKDNNLLGK	HSC70 SBD (510, 517) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.512; B.451)	4	339-346	4	2331.2224	583.5611	2346.178	587.2999	2343.1869	586.5522	2358.1424	590.2911	11	89	HSC70 SBD: 107.4%
AMTKDNNLLGK - LSKEDIER	HSC70 linker (448, 458) [A] - HSC70 linker (510, 517) [B]		DSSd0 (A.451; B.512)	4	339-346	4	2331.2224	583.5611	2343.1869	586.5522	2346.178	587.2999	2358.1424	590.2911	11	89	HSC70 linker: 107.4%
AKR - LDKSQIHDIVLVGGSTR	HSC70 SBD (270, 272) [A] - HSC70 SBD (326, 342) [B]		DSSd0 (A.271; B.328)	5	360-367	4	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	24	76	HSC70 SBD: 107.4%
AKR - LDKSQIHDIVLVGGSTR	HSC70 SBD (270, 272) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.271; B.328)	5	360-367	4	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	24	76	HSC70 SBD: 107.4%
LDKSQIHDIVLVGGSTR - AKR	HSC70 SBD (326, 342) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.328; B.271)	5	360-367	4	2349.3249	470.6708	2356.3041	472.0666	2373.2537	475.4566	2380.233	476.8524	24	76	HSC70 SBD: 107.4%
AKR - LDKSQIHDIVLVGGSTR	HSC70 linker (270, 272) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.271; B.328)	5	360-367	4	2349.3249	470.6708	2373.2537	475.4566	2356.3041	472.0666	2380.233	476.8524	24	76	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - KHK	HSC70 SBD (57, 72) [A] - HSC70 SBD (248, 250) [B]		DSSd0 (A.71; B.248)	4	280-287	3	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - HKK	HSC70 SBD (57, 72) [A] - HSC70 SBD (249, 251) [B]		DSSd0 (A.71; B.250)	4	280-287	3	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - KHK	HSC70 SBD (57, 72) [A] - HSC70 linker (248, 250) [B]		DSSd0 (A.71; B.248)	4	280-287	3	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - HKK	HSC70 SBD (57, 72) [A] - HSC70 linker (249, 251) [B]		DSSd0 (A.71; B.250)	4	280-287	3	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	---	----	HSC70 SBD: 107.4%
KHK - NQVAMNPTNTVFDAKR	HSC70 SBD (248, 250) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.248; B.71)	4	280-287	3	2355.2238	589.5614	2379.1526	595.5436	2362.203	591.3062	2386.1319	597.2884	---	----	HSC70 SBD: 107.4%
HKK - NQVAMNPTNTVFDAKR	HSC70 SBD (249, 251) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.250; B.71)	4	280-287	3	2355.2238	589.5614	2379.1526	595.5436	2362.203	591.3062	2386.1319	597.2884	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - KHK	HSC70 linker (57, 72) [A] - HSC70 linker (248, 250) [B]		DSSd0 (A.71; B.248)	4	280-287	3	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - HKK	HSC70 linker (57, 72) [A] - HSC70 linker (249, 251) [B]		DSSd0 (A.71; B.250)	4	280-287	3	2355.2238	589.5614	2362.203	591.3062	2379.1526	595.5436	2386.1319	597.2884	---	----	HSC70 linker: 107.4%
AMTKDNNLLGK - ITITNDKGR	HSC70 SBD (448, 458) [A] - HSC70 SBD (501, 509) [B]		DSSd0 (A.451; B.507)	4	316-321	3	2359.265	590.5717	2373.2235	594.0613	2374.2205	594.3106	2388.179	597.8002	---	----	HSC70 SBD: 107.4%
AMTKDNNLLGK - ITITNDKGR	HSC70 SBD (448, 458) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.451; B.507)	4	316-321	3	2359.265	590.5717	2373.2235	594.0613	2374.2205	594.3106	2388.179	597.8002	---	----	HSC70 SBD: 107.4%
ITITNDKGR - AMTKDNNLLGK	HSC70 SBD (501, 509) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.507; B.451)	4	316-321	3	2359.265	590.5717	2374.2205	594.3106	2373.2235	594.0613	2388.179	597.8002	---	----	HSC70 SBD: 107.4%
AMTKDNNLLGK - ITITNDKGR	HSC70 linker (448, 458) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.451; B.507)	4	316-321	3	2359.265	590.5717	2373.2235	594.0613	2374.2205	594.3106	2388.179	597.8002	---	----	HSC70 linker: 107.4%
SFYPEEVSSMVLTKMK - AKR	HSC70 SBD (113, 128) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.126; B.271)	4	509-517	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	28	72	HSC70 SBD: 107.4%
SFYPEEVSSMVLTKMK - AKR	HSC70 SBD (113, 128) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.126; B.271)	4	509-517	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	28	72	HSC70 SBD: 107.4%
AKR - SFYPEEVSSMVLTKMK	HSC70 SBD (270, 272) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.271; B.126)	4	509-517	4	2387.2349	597.5642	2405.1815	602.0508	2394.2142	599.309	2412.1608	603.7957	28	72	HSC70 SBD: 107.4%
SFYPEEVSSMVLTKMK - AKR	HSC70 linker (113, 128) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.126; B.271)	4	509-517	4	2387.2349	597.5642	2394.2142	599.309	2405.1815	602.0508	2412.1608	603.7957	28	72	HSC70 linker: 107.4%
KHK - LDKSQIHDIVLVGGSTR	HSC70 SBD (248, 250) [A] - HSC70 SBD (326, 342) [B]		DSSd0 (A.248; B.328)	5	328-334	3	2387.3405	478.2739	2411.2694	483.0597	2394.3198	479.6698	2418.2486	484.4555	---	----	HSC70 SBD: 107.4%
KHK - LDKSQIHDIVLVGGSTR	HSC70 SBD (248, 250) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.248; B.328)	5	328-334	3	2387.3405	478.2739	2411.2694	483.0597	2394.3198	479.6698	2418.2486	484.4555	---	----	HSC70 SBD: 107.4%
HKK - LDKSQIHDIVLVGGSTR	HSC70 SBD (249, 251) [A] - HSC70 SBD (326, 342) [B]		DSSd0 (A.250; B.328)	5	328-334	3	2387.3405	478.2739	2411.2694	483.0597	2394.3198	479.6698	2418.2486	484.4555	---	----	HSC70 SBD: 107.4%
HKK - LDKSQIHDIVLVGGSTR	HSC70 SBD (249, 251) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.250; B.328)	5	328-334	3	2387.3405	478.2739	2411.2694	483.0597	2394.3198	479.6698	2418.2486	484.4555	---	----	HSC70 SBD: 107.4%
LDKSQIHDIVLVGGSTR - KHK	HSC70 SBD (326, 342) [A] - HSC70 linker (248, 250) [B]		DSSd0 (A.328; B.248)	5	328-334	3	2387.3405	478.2739	2394.3198	479.6698	2411.2694	483.0597	2418.2486	484.4555	---	----	HSC70 SBD: 107.4%

LDKSQIHDIVLVGGSTR - HKK	HSC70 SBD (326, 342) [A] HSC70 linker (249, 251) [B]		DSSd0 (A.328; B.250)	5	328-334	3	2387.3405	478.2739	2394.3198	479.6698	2411.2694	483.0597	2418.2486	484.4555	---	----	HSC70 SBD: 107.4%
KHK - LDKSQIHDIVLVGGSTR	HSC70 linker (248, 250) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.248; B.328)	5	328-334	3	2387.3405	478.2739	2411.2694	483.0597	2394.3198	479.6698	2418.2486	484.4555	---	----	HSC70 linker: 107.4%
HKK - LDKSQIHDIVLVGGSTR	HSC70 linker (249, 251) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.250; B.328)	5	328-334	3	2387.3405	478.2739	2411.2694	483.0597	2394.3198	479.6698	2418.2486	484.4555	---	----	HSC70 linker: 107.4%
QATKDAGTIAGLNVLR - KVGAER	HSC70 SBD (156, 171) [A] HSC70 SBD (188, 193) [B]		DSSd0 (A.159; B.188)	4	361-367	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	12	88	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - KVGAER	HSC70 SBD (156, 171) [A] HSC70 linker (188, 193) [B]		DSSd0 (A.159; B.188)	4	361-367	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	12	88	HSC70 SBD: 107.4%
KVGAER - QATKDAGTIAGLNVLR	HSC70 SBD (188, 193) [A] HSC70 linker (156, 171) [B]		DSSd0 (A.188; B.159)	4	361-367	4	2424.3569	606.8447	2446.2917	612.3284	2434.3272	609.3373	2456.262	614.821	12	88	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - KVGAER	HSC70 linker (156, 171) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.159; B.188)	4	361-367	4	2424.3569	606.8447	2434.3272	609.3373	2446.2917	612.3284	2456.262	614.821	12	88	HSC70 linker: 107.4%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 SBD (156, 171) [A] HSC70 SBD (343, 348) [B]		DSSd0 (A.159; B.345)	4	403-410	3	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 SBD (156, 171) [A] HSC70 linker (343, 348) [B]		DSSd0 (A.159; B.345)	4	403-410	3	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	---	----	HSC70 SBD: 107.4%
IPKIQK - QATKDAGTIAGLNVLR	HSC70 SBD (343, 348) [A] HSC70 linker (156, 171) [B]		DSSd0 (A.345; B.159)	4	403-410	3	2491.4606	623.6206	2513.3954	629.1043	2500.4339	625.8639	2522.3687	631.3476	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - IPKIQK	HSC70 linker (156, 171) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.159; B.345)	4	403-410	3	2491.4606	623.6206	2500.4339	625.8639	2513.3954	629.1043	2522.3687	631.3476	---	----	HSC70 linker: 107.4%
QATKDAGTIAGLNVLR - STGKENK	HSC70 SBD (156, 171) [A] HSC70 SBD (494, 500) [B]		DSSd0 (A.159; B.497)	4	344-349	3	2528.3679	632.8474	2538.3382	635.34	2550.3026	638.3311	2560.273	640.8237	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - STGKENK	HSC70 SBD (156, 171) [A] HSC70 linker (494, 500) [B]		DSSd0 (A.159; B.497)	4	344-349	3	2528.3679	632.8474	2538.3382	635.34	2550.3026	638.3311	2560.273	640.8237	---	----	HSC70 SBD: 107.4%
STGKENK - QATKDAGTIAGLNVLR	HSC70 SBD (494, 500) [A] HSC70 linker (156, 171) [B]		DSSd0 (A.497; B.159)	4	344-349	3	2528.3679	632.8474	2550.3026	638.3311	2538.3382	635.34	2560.273	640.8237	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - STGKENK	HSC70 linker (156, 171) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.159; B.497)	4	344-349	3	2528.3679	632.8474	2538.3382	635.34	2550.3026	638.3311	2560.273	640.8237	---	----	HSC70 linker: 107.4%
IINEPTAAAIAYGLDKK - KVGAER	HSC70 SBD (172, 188) [A] HSC70 SBD (188, 193) [B]		DSSd0 (A.187; B.188)	4	413-417	3	2584.4345	646.8641	2594.4048	649.3567	2604.3752	651.8493	2614.3455	654.3418	---	----	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - KVGAER	HSC70 SBD (172, 188) [A] HSC70 linker (188, 193) [B]		DSSd0 (A.187; B.188)	4	413-417	3	2584.4345	646.8641	2594.4048	649.3567	2604.3752	651.8493	2614.3455	654.3418	---	----	HSC70 SBD: 107.4%
KVGAER - IINEPTAAAIAYGLDKK	HSC70 SBD (188, 193) [A] HSC70 linker (172, 188) [B]		DSSd0 (A.188; B.187)	4	413-417	3	2584.4345	646.8641	2604.3752	651.8493	2594.4048	649.3567	2614.3455	654.3418	---	----	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - KVGAER	HSC70 linker (172, 188) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.187; B.188)	4	413-417	3	2584.4345	646.8641	2594.4048	649.3567	2604.3752	651.8493	2614.3455	654.3418	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - KVGAER	HSC70 SBD (57, 72) [A] - HSC70 SBD (188, 193) [B]		DSSd0 (A.71; B.188)	4	330-336	3	2602.3406	651.3406	2612.3109	653.8332	2626.2694	657.3228	2636.2398	659.8154	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - KVGAER	HSC70 SBD (57, 72) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.71; B.188)	4	330-336	3	2602.3406	651.3406	2612.3109	653.8332	2626.2694	657.3228	2636.2398	659.8154	---	----	HSC70 SBD: 107.4%
KVGAER - NQVAMNPTNTVFDAKR	HSC70 SBD (188, 193) [A] HSC70 linker (57, 72) [B]		DSSd0 (A.188; B.71)	4	330-336	3	2602.3406	651.3406	2626.2694	657.3228	2612.3109	653.8332	2636.2398	659.8154	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - KVGAER	HSC70 linker (57, 72) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.71; B.188)	4	330-336	3	2602.3406	651.3406	2612.3109	653.8332	2626.2694	657.3228	2636.2398	659.8154	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - DKVSSK	HSC70 SBD (57, 72) [A] - HSC70 SBD (534, 539) [B]		DSSd0 (A.71; B.535)	4	335-337	3	2606.3243	652.3365	2614.3006	654.3306	2630.2531	658.3187	2638.2294	660.3128	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - DKVSSK	HSC70 SBD (57, 72) [A] - HSC70 linker (534, 539) [B]		DSSd0 (A.71; B.535)	4	335-337	3	2606.3243	652.3365	2614.3006	654.3306	2630.2531	658.3187	2638.2294	660.3128	---	----	HSC70 SBD: 107.4%
DKVSSK - NQVAMNPTNTVFDAKR	HSC70 SBD (534, 539) [A] HSC70 linker (57, 72) [B]		DSSd0 (A.535; B.71)	4	335-337	3	2606.3243	652.3365	2630.2531	658.3187	2614.3006	654.3306	2638.2294	660.3128	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - DKVSSK	HSC70 linker (57, 72) [A] - HSC70 linker (534, 539) [B]		DSSd0 (A.71; B.535)	4	335-337	3	2606.3243	652.3365	2614.3006	654.3306	2630.2531	658.3187	2638.2294	660.3128	---	----	HSC70 linker: 107.4%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 SBD (172, 188) [A] HSC70 SBD (323, 328) [B]		DSSd0 (A.187; B.325)	4	438-444	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	22	78	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 SBD (172, 188) [A] HSC70 linker (323, 328) [B]		DSSd0 (A.187; B.325)	4	438-444	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	22	78	HSC70 SBD: 107.4%
DAKLDK - IINEPTAAAIAYGLDKK	HSC70 SBD (323, 328) [A] HSC70 linker (172, 188) [B]		DSSd0 (A.325; B.187)	4	438-444	4	2614.4338	654.3639	2634.3745	659.3491	2622.4101	656.358	2642.3508	661.3432	22	78	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - DAKLDK	HSC70 linker (172, 188) [A] - HSC70 linker (323, 328) [B]		DSSd0 (A.187; B.325)	4	438-444	4	2614.4338	654.3639	2622.4101	656.358	2634.3745	659.3491	2642.3508	661.3432	22	78	HSC70 linker: 107.4%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 SBD (172, 188) [A] HSC70 SBD (343, 348) [B]		DSSd0 (A.187; B.345)	4	449-453	3	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	---	----	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 SBD (172, 188) [A] HSC70 linker (343, 348) [B]		DSSd0 (A.187; B.345)	4	449-453	3	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	---	----	HSC70 SBD: 107.4%
IPKIQK - IINEPTAAAIAYGLDKK	HSC70 SBD (343, 348) [A] HSC70 linker (172, 188) [B]		DSSd0 (A.345; B.187)	4	449-453	3	2651.5382	663.64	2671.4789	668.6252	2660.5115	665.8833	2680.4522	670.8685	---	----	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - IPKIQK	HSC70 linker (172, 188) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.187; B.345)	4	449-453	3	2651.5382	663.64	2660.5115	665.8833	2671.4789	668.6252	2680.4522	670.8685	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 SBD (57, 72) [A] - HSC70 SBD (343, 348) [B]		DSSd0 (A.71; B.345)	4	373-378	2	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 SBD (57, 72) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.71; B.345)	4	373-378	2	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	---	----	HSC70 SBD: 107.4%
IPKIQK - NQVAMNPTNTVFDAKR	HSC70 SBD (343, 348) [A] HSC70 linker (57, 72) [B]		DSSd0 (A.345; B.71)	4	373-378	2	2669.4443	668.1165	2693.3732	674.0987	2678.4176	670.3599	2702.3465	676.3421	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - IPKIQK	HSC70 linker (57, 72) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.71; B.345)	4	373-378	2	2669.4443	668.1165	2678.4176	670.3599	2693.3732	674.0987	2702.3465	676.3421	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 SBD (57, 72) [A] - HSC70 SBD (494, 500) [B]		DSSd0 (A.71; B.497)	4	310-314	3	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 SBD (57, 72) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.71; B.497)	4	310-314	3	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	---	----	HSC70 SBD: 107.4%
STGKENK - NQVAMNPTNTVFDAKR	HSC70 SBD (494, 500) [A] HSC70 linker (57, 72) [B]		DSSd0 (A.497; B.71)	4	310-314	3	2706.3516	677.3433	2730.2804	683.3256	2716.3219	679.8359	2740.2507	685.8181	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - STGKENK	HSC70 linker (57, 72) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.71; B.497)	4	310-314	3	2706.3516	677.3433	2716.3219	679.8359	2730.2804	683.3256	2740.2507	685.8181	---	----	HSC70 linker: 107.4%
MVNHFIAEFKR - GTLDPVEKALR	HSC70 SBD (237, 247) [A] HSC70 SBD (312, 322) [B]		DSSd0 (A.246; B.319)	4	465-471	3	2727.4651	682.6217	2742.4206	686.3606	2745.4117	687.1084	2760.3672	690.8473	---	----	HSC70 SBD: 107.4%
MVNHFIAEFKR - GTLDPVEKALR	HSC70 SBD (237, 247) [A] HSC70 linker (312, 322) [B]		DSSd0 (A.246; B.319)	4	465-471	3	2727.4651	682.6217	2742.4206	686.3606	2745.4117	687.1084	2760.3672	690.8473	---	----	HSC70 SBD: 107.4%
GTLDPVEKALR - MVNHFIAEFKR	HSC70 SBD (312, 322) [A] HSC70 linker (237, 247) [B]		DSSd0 (A.319; B.246)	4	465-471	3	2727.4651	682.6217	2745.4117	687.1084	2742.4206	686.3606	2760.3672	690.8473	---	----	HSC70 SBD: 107.4%

MVNHFIAEFKR - GTLDPVEKALR	HSC70 linker (237, 247) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.246; B.319)	4	465-471	3	2727.4651	682.6217	2742.4206	686.3606	2745.4117	687.1084	2760.3672	690.8473	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 SBD (57, 72) [A] - HSC70 SBD (252, 258) [B]		DSSd0 (A.71; B.257)	4	350-356	4	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	27	73	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 SBD (57, 72) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.71; B.257)	4	350-356	4	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	27	73	HSC70 SBD: 107.4%
DISENKR - NQVAMNPTNTVFDAKR	HSC70 SBD (252, 258) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.257; B.71)	4	350-356	4	2804.3996	701.8553	2828.3284	707.8376	2816.364	704.8465	2840.2928	710.8287	27	73	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - DISENKR	HSC70 linker (57, 72) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.71; B.257)	4	350-356	4	2804.3996	701.8553	2816.364	704.8465	2828.3284	707.8376	2840.2928	710.8287	27	73	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 SBD (50, 71) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.56; B.271)	4	366-373	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	31	69	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 SBD (50, 71) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.56; B.271)	4	366-373	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	31	69	HSC70 SBD: 107.4%
AKR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (270, 272) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.271; B.56)	4	366-373	4	2829.4927	708.1286	2857.4097	715.1079	2836.472	709.8735	2864.389	716.8527	31	69	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - AKR	HSC70 linker (50, 71) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.56; B.271)	4	366-373	4	2829.4927	708.1286	2836.472	709.8735	2857.4097	715.1079	2864.389	716.8527	31	69	HSC70 linker: 107.4%
DISENKR - LDKSQIHDIVLVGGSTR	HSC70 SBD (252, 258) [A] - HSC70 SBD (326, 342) [B]		DSSd0 (A.257; B.328)	4	395-400	4	2836.5163	709.8845	2860.4451	715.8667	2848.4807	712.8756	2872.4096	718.8578	23	77	HSC70 SBD: 107.4%
DISENKR - LDKSQIHDIVLVGGSTR	HSC70 SBD (252, 258) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.257; B.328)	4	395-400	4	2836.5163	709.8845	2860.4451	715.8667	2848.4807	712.8756	2872.4096	718.8578	23	77	HSC70 SBD: 107.4%
LDKSQIHDIVLVGGSTR - DISENKR	HSC70 SBD (326, 342) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.328; B.257)	4	395-400	4	2836.5163	709.8845	2848.4807	712.8756	2860.4451	715.8667	2872.4096	718.8578	23	77	HSC70 SBD: 107.4%
DISENKR - LDKSQIHDIVLVGGSTR	HSC70 linker (252, 258) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.257; B.328)	4	395-400	4	2836.5163	709.8845	2860.4451	715.8667	2848.4807	712.8756	2872.4096	718.8578	23	77	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - KHK	HSC70 SBD (50, 71) [A] - HSC70 SBD (248, 250) [B]		DSSd0 (A.56; B.248)	4	335-342	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	33	67	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - HKK	HSC70 SBD (50, 71) [A] - HSC70 SBD (249, 251) [B]		DSSd0 (A.56; B.250)	4	335-342	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	33	67	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - KHK	HSC70 SBD (50, 71) [A] - HSC70 linker (248, 250) [B]		DSSd0 (A.56; B.248)	4	335-342	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	33	67	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - HKK	HSC70 SBD (50, 71) [A] - HSC70 linker (249, 251) [B]		DSSd0 (A.56; B.250)	4	335-342	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	33	67	HSC70 SBD: 107.4%
KHK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (248, 250) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.248; B.56)	4	335-342	4	2867.5084	717.6326	2895.4254	724.6118	2874.4876	719.3774	2902.4046	726.3566	33	67	HSC70 SBD: 107.4%
HKK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (249, 251) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.250; B.56)	4	335-342	4	2867.5084	717.6326	2895.4254	724.6118	2874.4876	719.3774	2902.4046	726.3566	33	67	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - KHK	HSC70 linker (50, 71) [A] - HSC70 linker (248, 250) [B]		DSSd0 (A.56; B.248)	4	335-342	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	33	67	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - HKK	HSC70 linker (50, 71) [A] - HSC70 linker (249, 251) [B]		DSSd0 (A.56; B.250)	4	335-342	4	2867.5084	717.6326	2874.4876	719.3774	2895.4254	724.6118	2902.4046	726.3566	33	67	HSC70 linker: 107.4%
SFYPEEVSSMVLTKMK - DISENKR	HSC70 SBD (113, 128) [A] - HSC70 SBD (252, 258) [B]		DSSd0 (A.126; B.257)	4	532-537	3	2874.4264	719.362	2886.3908	722.3532	2892.373	723.8487	2904.3374	726.8398	---	----	HSC70 SBD: 107.4%
SFYPEEVSSMVLTKMK - DISENKR	HSC70 SBD (113, 128) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.126; B.257)	4	532-537	3	2874.4264	719.362	2886.3908	722.3532	2892.373	723.8487	2904.3374	726.8398	---	----	HSC70 SBD: 107.4%
DISENKR - SFYPEEVSSMVLTKMK	HSC70 SBD (252, 258) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.257; B.126)	4	532-537	3	2874.4264	719.362	2892.373	723.8487	2886.3908	722.3532	2904.3374	726.8398	---	----	HSC70 SBD: 107.4%
SFYPEEVSSMVLTKMK - DISENKR	HSC70 linker (113, 128) [A] - HSC70 linker (252, 258) [B]		DSSd0 (A.126; B.257)	4	532-537	3	2874.4264	719.362	2886.3908	722.3532	2892.373	723.8487	2904.3374	726.8398	---	----	HSC70 linker: 107.4%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 SBD (270, 272) [A] - HSC70 SBD (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	716-720	2	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	---	----	HSC70 SBD: 107.4%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 SBD (270, 272) [A] - HSC70 linker (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	716-720	2	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	---	----	HSC70 SBD: 107.4%
IPKIQKLLQDFFNGKELNK - AKR	HSC70 SBD (343, 361) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.348; A.357); DSSd0 (A.345; B.271) | DSSd0 (A.345; A.357); DSSd0 (A.348; B.271) | DSSd0 (A.345; A.348); DSSd0 (A.357; B.271)	4	716-720	2	2922.6815	731.4258	2929.6608	733.1706	2949.6015	738.1558	2956.5807	739.9006	---	----	HSC70 SBD: 107.4%
AKR - IPKIQKLLQDFFNGKELNK	HSC70 linker (270, 272) [A] - HSC70 linker (343, 361) [B]		DSSd0 (A.271; B.345); DSSd0 (B.348; B.357) | DSSd0 (A.271; B.348); DSSd0 (B.345; B.357) | DSSd0 (A.271; B.357); DSSd0 (B.345; B.348)	4	716-720	2	2922.6815	731.4258	2949.6015	738.1558	2929.6608	733.1706	2956.5807	739.9006	---	----	HSC70 linker: 107.4%
IINEPTAAAIAYGLDKK - ITITNDKGR	HSC70 SBD (172, 188) [A] - HSC70 SBD (501, 509) [B]		DSSd0 (A.187; B.507)	4	450-454	3	2942.6197	736.4104	2956.5782	739.9	2962.5604	741.3956	2976.5189	744.8852	---	----	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - ITITNDKGR	HSC70 SBD (172, 188) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.187; B.507)	4	450-454	3	2942.6197	736.4104	2956.5782	739.9	2962.5604	741.3956	2976.5189	744.8852	---	----	HSC70 SBD: 107.4%
ITITNDKGR - IINEPTAAAIAYGLDKK	HSC70 SBD (501, 509) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.507; B.187)	4	450-454	3	2942.6197	736.4104	2962.5604	741.3956	2956.5782	739.9	2976.5189	744.8852	---	----	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - ITITNDKGR	HSC70 linker (172, 188) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.187; B.507)	4	450-454	3	2942.6197	736.4104	2956.5782	739.9	2962.5604	741.3956	2976.5189	744.8852	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 SBD (57, 72) [A] - HSC70 SBD (501, 509) [B]		DSSd0 (A.71; B.507)	4	375-381	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	33	67	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 SBD (57, 72) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.71; B.507)	4	375-381	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	33	67	HSC70 SBD: 107.4%
ITITNDKGR - NQVAMNPTNTVFDAKR	HSC70 SBD (501, 509) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.507; B.71)	4	375-381	4	2960.5258	740.8869	2984.4547	746.8691	2974.4843	744.3765	2998.4132	750.3587	33	67	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - ITITNDKGR	HSC70 linker (57, 72) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.71; B.507)	4	375-381	4	2960.5258	740.8869	2974.4843	744.3765	2984.4547	746.8691	2998.4132	750.3587	33	67	HSC70 linker: 107.4%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 SBD (156, 171) [A] - HSC70 SBD (312, 322) [B]		DSSd0 (A.159; B.319)	4	484-489	3	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	---	----	HSC70 SBD: 107.4%

QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 SBD (156, 171) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.159; B.319)	4	484-489	3	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	---	----	HSC70 SBD: 107.4%
GTLDPVEKALR - QATKDAGTIAGLNVLR	HSC70 SBD (312, 322) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.319; B.159)	4	484-489	3	2963.6524	741.6686	2985.5872	747.1523	2978.6079	745.4074	3000.5427	750.8911	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - GTLDPVEKALR	HSC70 linker (156, 171) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.159; B.319)	4	484-489	3	2963.6524	741.6686	2978.6079	745.4074	2985.5872	747.1523	3000.5427	750.8911	---	----	HSC70 linker: 107.4%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 SBD (156, 171) [A] - HSC70 SBD (448, 458) [B]		DSSd0 (A.159; B.451)	4	435-438	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	46	54	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 SBD (156, 171) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.159; B.451)	4	435-438	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	46	54	HSC70 SBD: 107.4%
AMTKDNNLLGK - QATKDAGTIAGLNVLR	HSC70 SBD (448, 458) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.451; B.159)	4	435-438	4	2969.6088	743.1577	2991.5436	748.6414	2984.5644	746.8965	3006.4991	752.3802	46	54	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - AMTKDNNLLGK	HSC70 linker (156, 171) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.159; B.451)	4	435-438	4	2969.6088	743.1577	2984.5644	746.8965	2991.5436	748.6414	3006.4991	752.3802	46	54	HSC70 linker: 107.4%
LDKSQIHDIVLVGGSTR - ITITNDKGR	HSC70 SBD (326, 342) [A] - HSC70 SBD (501, 509) [B]		DSSd0 (A.328; B.507)	4	413-415	3	2992.6426	748.9161	3006.6011	752.4057	3016.5714	754.8983	3030.5299	758.3879	---	----	HSC70 SBD: 107.4%
LDKSQIHDIVLVGGSTR - ITITNDKGR	HSC70 SBD (326, 342) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.328; B.507)	4	413-415	3	2992.6426	748.9161	3006.6011	752.4057	3016.5714	754.8983	3030.5299	758.3879	---	----	HSC70 SBD: 107.4%
ITITNDKGR - LDKSQIHDIVLVGGSTR	HSC70 SBD (501, 509) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.507; B.328)	4	413-415	3	2992.6426	748.9161	3016.5714	754.8983	3006.6011	752.4057	3030.5299	758.3879	---	----	HSC70 SBD: 107.4%
LDKSQIHDIVLVGGSTR - ITITNDKGR	HSC70 linker (326, 342) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.328; B.507)	4	413-415	3	2992.6426	748.9161	3006.6011	752.4057	3016.5714	754.8983	3030.5299	758.3879	---	----	HSC70 linker: 107.4%
VQVEYKGETK - IINEPTAAAIAYGLDKK	HSC70 SBD (103, 112) [A] - HSC70 SBD (172, 188) [B]		DSSd0 (A.108; B.187)	4	440-445	3	3105.6718	777.1734	3125.6125	782.1586	3118.6333	780.4138	3138.574	785.3989	---	----	HSC70 SBD: 107.4%
VQVEYKGETK - IINEPTAAAIAYGLDKK	HSC70 SBD (103, 112) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.108; B.187)	4	440-445	3	3105.6718	777.1734	3125.6125	782.1586	3118.6333	780.4138	3138.574	785.3989	---	----	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - VQVEYKGETK	HSC70 SBD (172, 188) [A] - HSC70 linker (103, 112) [B]		DSSd0 (A.187; B.108)	4	440-445	3	3105.6718	777.1734	3118.6333	780.4138	3125.6125	782.1586	3138.574	785.3989	---	----	HSC70 SBD: 107.4%
VQVEYKGETK - IINEPTAAAIAYGLDKK	HSC70 linker (103, 112) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.108; B.187)	4	440-445	3	3105.6718	777.1734	3125.6125	782.1586	3118.6333	780.4138	3138.574	785.3989	---	----	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 SBD (50, 71) [A] - HSC70 SBD (188, 193) [B]		DSSd0 (A.56; B.188)	4	377-383	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	32	68	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 SBD (50, 71) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.56; B.188)	4	377-383	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	32	68	HSC70 SBD: 107.4%
KVGAER - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (188, 193) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.188; B.56)	4	377-383	4	3114.6252	779.4118	3142.5422	786.391	3124.5956	781.9043	3152.5125	788.8836	32	68	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - KVGAER	HSC70 linker (50, 71) [A] - HSC70 linker (188, 193) [B]		DSSd0 (A.56; B.188)	4	377-383	4	3114.6252	779.4118	3124.5956	781.9043	3142.5422	786.391	3152.5125	788.8836	32	68	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - AMTKDNNLLGK	HSC70 SBD (57, 72) [A] - HSC70 SBD (448, 458) [B]		DSSd0 (A.71; B.451)	4	408-416	3	3147.5925	787.6536	3162.5481	791.3925	3171.5214	793.6358	3186.4769	797.3747	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - AMTKDNNLLGK	HSC70 SBD (57, 72) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.71; B.451)	4	408-416	3	3147.5925	787.6536	3162.5481	791.3925	3171.5214	793.6358	3186.4769	797.3747	---	----	HSC70 SBD: 107.4%
AMTKDNNLLGK - NQVAMNPTNTVFDAKR	HSC70 SBD (448, 458) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.451; B.71)	4	408-416	3	3147.5925	787.6536	3171.5214	793.6358	3162.5481	791.3925	3186.4769	797.3747	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - AMTKDNNLLGK	HSC70 linker (57, 72) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.71; B.451)	4	408-416	3	3147.5925	787.6536	3162.5481	791.3925	3171.5214	793.6358	3186.4769	797.3747	---	----	HSC70 linker: 107.4%
QATKDAGTIAGLNVLR - MVNHFIAEFKR	HSC70 SBD (156, 171) [A] - HSC70 SBD (237, 247) [B]		DSSd0 (A.159; B.246)	4	480-485	3	3156.6986	789.9301	3174.6453	794.4168	3178.6334	795.4138	3196.58	799.9005	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - MVNHFIAEFKR	HSC70 SBD (156, 171) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.159; B.246)	4	480-485	3	3156.6986	789.9301	3174.6453	794.4168	3178.6334	795.4138	3196.58	799.9005	---	----	HSC70 SBD: 107.4%
MVNHFIAEFKR - QATKDAGTIAGLNVLR	HSC70 SBD (237, 247) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.246; B.159)	4	480-485	3	3156.6986	789.9301	3178.6334	795.4138	3174.6453	794.4168	3196.58	799.9005	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - MVNHFIAEFKR	HSC70 linker (156, 171) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.159; B.246)	4	480-485	3	3156.6986	789.9301	3174.6453	794.4168	3178.6334	795.4138	3196.58	799.9005	---	----	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 SBD (50, 71) [A] - HSC70 SBD (343, 348) [B]		DSSd0 (A.56; B.345)	4	412-417	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	43	57	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 SBD (50, 71) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.56; B.345)	4	412-417	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	43	57	HSC70 SBD: 107.4%
IPKIQK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (343, 348) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.345; B.56)	4	412-417	4	3181.7289	796.1877	3209.6459	803.1669	3190.7023	798.431	3218.6192	805.4103	43	57	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - IPKIQK	HSC70 linker (50, 71) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.56; B.345)	4	412-417	4	3181.7289	796.1877	3190.7023	798.431	3209.6459	803.1669	3218.6192	805.4103	43	57	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 SBD (50, 71) [A] - HSC70 SBD (494, 500) [B]		DSSd0 (A.56; B.497)	4	363-366	3	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 SBD (50, 71) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.56; B.497)	4	363-366	3	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	---	----	HSC70 SBD: 107.4%
STGKENK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (494, 500) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.497; B.56)	4	363-366	3	3218.6362	805.4145	3246.5531	812.3937	3228.6065	807.9071	3256.5235	814.8863	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - STGKENK	HSC70 linker (50, 71) [A] - HSC70 linker (494, 500) [B]		DSSd0 (A.56; B.497)	4	363-366	3	3218.6362	805.4145	3228.6065	807.9071	3246.5531	812.3937	3256.5235	814.8863	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 SBD (57, 72) [A] - HSC70 SBD (237, 247) [B]		DSSd0 (A.71; B.246)	5	459-464	4	3334.6823	667.7423	3352.629	671.3316	3358.6112	672.5281	3376.5578	676.1174	29	71	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 SBD (57, 72) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.71; B.246)	5	459-464	4	3334.6823	667.7423	3352.629	671.3316	3358.6112	672.5281	3376.5578	676.1174	29	71	HSC70 SBD: 107.4%
MVNHFIAEFKR - NQVAMNPTNTVFDAKR	HSC70 SBD (237, 247) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.246; B.71)	5	459-464	4	3334.6823	667.7423	3358.6112	672.5281	3352.629	671.3316	3376.5578	676.1174	29	71	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - MVNHFIAEFKR	HSC70 linker (57, 72) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.71; B.246)	5	459-464	4	3334.6823	667.7423	3352.629	671.3316	3358.6112	672.5281	3376.5578	676.1174	29	71	HSC70 linker: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - AKR	HSC70 SBD (78, 102) [A] - HSC70 SBD (270, 272) [B]		DSSd0 (A.88; B.271)	5	464-468	3	3400.6929	680.9444	3407.6722	682.3403	3435.5891	687.9236	3442.5684	689.3195	---	----	HSC70 SBD: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - AKR	HSC70 SBD (78, 102) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.88; B.271)	5	464-468	3	3400.6929	680.9444	3407.6722	682.3403	3435.5891	687.9236	3442.5684	689.3195	---	----	HSC70 SBD: 107.4%
AKR - FDDAVVQSDMKHWPFMVVNDAGRPK	HSC70 SBD (270, 272) [A] - HSC70 linker (78, 102) [B]		DSSd0 (A.271; B.88)	5	464-468	3	3400.6929	680.9444	3435.5891	687.9236	3407.6722	682.3403	3442.5684	689.3195	---	----	HSC70 SBD: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - AKR	HSC70 linker (78, 102) [A] - HSC70 linker (270, 272) [B]		DSSd0 (A.88; B.271)	5	464-468	3	3400.6929	680.9444	3407.6722	682.3403	3435.5891	687.9236	3442.5684	689.3195	---	----	HSC70 linker: 107.4%
SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 SBD (113, 128) [A] - HSC70 SBD (237, 247) [B]		DSSd0 (A.126; B.246)	5	582-589	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	33	67	HSC70 SBD: 107.4%
SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 SBD (113, 128) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.126; B.246)	5	582-589	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	33	67	HSC70 SBD: 107.4%
MVNHFIAEFKR - SFYPEEVSSMVLTKMK	HSC70 SBD (237, 247) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.246; B.126)	5	582-589	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	33	67	HSC70 SBD: 107.4%

SFYPEEVSSMVLTKMK - MVNHFIAEFKR	HSC70 linker (113, 128) [A] - HSC70 linker (237, 247) [B]		DSSd0 (A.126; B.246)	5	582-589	4	3404.7091	681.7476	3422.6558	685.337	3422.6558	685.337	3440.6024	688.9263	33	67	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - ITITNDKGR	HSC70 SBD (50, 71) [A] - HSC70 SBD (501, 509) [B]		DSSd0 (A.56; B.507)	4	415-420	3	3472.8104	868.9581	3486.7689	872.4477	3500.7274	875.9373	3514.6859	879.4269	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - ITITNDKGR	HSC70 SBD (50, 71) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.56; B.507)	4	415-420	3	3472.8104	868.9581	3486.7689	872.4477	3500.7274	875.9373	3514.6859	879.4269	---	----	HSC70 SBD: 107.4%
ITITNDKGR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (501, 509) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.507; B.56)	4	415-420	3	3472.8104	868.9581	3500.7274	875.9373	3486.7689	872.4477	3514.6859	879.4269	---	----	HSC70 SBD: 107.4%
QRDKVSSK - ILDKCNEIINWLDKNQTAEK	HSC70 SBD (532, 539) [A] - HSC70 SBD (570, 589) [B]		DSSd0 (A.535; B.573) | DSSd0 (A.535; B.583)	4	415-420	3	3472.8104	868.9581	3500.7274	875.9373	3486.7689	872.4477	3514.6859	879.4269	---	----	HSC70 SBD: 107.4%
QRDKVSSK - ILDKCNEIINWLDKNQTAEK	HSC70 SBD (532, 539) [A] - HSC70 linker (570, 589) [B]		DSSd0 (A.535; B.573) | DSSd0 (A.535; B.583)	4	415-420	3	3472.8104	868.9581	3500.7274	875.9373	3486.7689	872.4477	3514.6859	879.4269	---	----	HSC70 SBD: 107.4%
ILDKCNEIINWLDKNQTAEK - QRDKVSSK	HSC70 SBD (570, 589) [A] - HSC70 linker (532, 539) [B]		DSSd0 (A.573; B.535) | DSSd0 (A.583; B.535)	4	415-420	3	3472.8104	868.9581	3486.7689	872.4477	3500.7274	875.9373	3514.6859	879.4269	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - ITITNDKGR	HSC70 linker (50, 71) [A] - HSC70 linker (501, 509) [B]		DSSd0 (A.56; B.507)	4	415-420	3	3472.8104	868.9581	3486.7689	872.4477	3500.7274	875.9373	3514.6859	879.4269	---	----	HSC70 linker: 107.4%
QRDKVSSK - ILDKCNEIINWLDKNQTAEK	HSC70 linker (532, 539) [A] - HSC70 linker (570, 589) [B]		DSSd0 (A.535; B.573) | DSSd0 (A.535; B.583)	4	415-420	3	3472.8104	868.9581	3500.7274	875.9373	3486.7689	872.4477	3514.6859	879.4269	---	----	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - VQVEYKGETK	HSC70 SBD (50, 71) [A] - HSC70 SBD (103, 112) [B]		DSSd0 (A.56; B.108)	4	406-416	4	3635.8625	909.7211	3648.824	912.9615	3663.7795	916.7003	3676.741	919.9407	18	82	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - VQVEYKGETK	HSC70 SBD (50, 71) [A] - HSC70 linker (103, 112) [B]		DSSd0 (A.56; B.108)	4	406-416	4	3635.8625	909.7211	3648.824	912.9615	3663.7795	916.7003	3676.741	919.9407	18	82	HSC70 SBD: 107.4%
VQVEYKGETK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (103, 112) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.108; B.56)	4	406-416	4	3635.8625	909.7211	3663.7795	916.7003	3648.824	912.9615	3676.741	919.9407	18	82	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - VQVEYKGETK	HSC70 linker (50, 71) [A] - HSC70 linker (103, 112) [B]		DSSd0 (A.56; B.108)	4	406-416	4	3635.8625	909.7211	3648.824	912.9615	3663.7795	916.7003	3676.741	919.9407	18	82	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - AMTKDNNLLGK	HSC70 SBD (50, 71) [A] - HSC70 SBD (448, 458) [B]		DSSd0 (A.56; B.451)	4	440-446	2	3659.8771	915.7247	3674.8327	919.4636	3687.7941	922.704	3702.7496	926.4429	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - AMTKDNNLLGK	HSC70 SBD (50, 71) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.56; B.451)	4	440-446	2	3659.8771	915.7247	3674.8327	919.4636	3687.7941	922.704	3702.7496	926.4429	---	----	HSC70 SBD: 107.4%
AMTKDNNLLGK - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (448, 458) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.451; B.56)	4	440-446	2	3659.8771	915.7247	3687.7941	922.704	3674.8327	919.4636	3702.7496	926.4429	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - AMTKDNNLLGK	HSC70 linker (50, 71) [A] - HSC70 linker (448, 458) [B]		DSSd0 (A.56; B.451)	4	440-446	2	3659.8771	915.7247	3674.8327	919.4636	3687.7941	922.704	3702.7496	926.4429	---	----	HSC70 linker: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - IPKIQK	HSC70 SBD (78, 102) [A] - HSC70 SBD (343, 348) [B]		DSSd0 (A.88; B.345)	6	490-492	4	3752.9291	626.3276	3761.9024	627.8231	3787.8253	632.1436	3796.7987	633.6392	45	55	HSC70 SBD: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - IPKIQK	HSC70 SBD (78, 102) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.88; B.345)	6	490-492	4	3752.9291	626.3276	3761.9024	627.8231	3787.8253	632.1436	3796.7987	633.6392	45	55	HSC70 SBD: 107.4%
IPKIQK - FDDAVVQSDMKHWPFMVVNDAGRPK	HSC70 SBD (343, 348) [A] - HSC70 linker (78, 102) [B]		DSSd0 (A.345; B.88)	6	490-492	4	3752.9291	626.3276	3787.8253	632.1436	3761.9024	627.8231	3796.7987	633.6392	45	55	HSC70 SBD: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - IPKIQK	HSC70 linker (78, 102) [A] - HSC70 linker (343, 348) [B]		DSSd0 (A.88; B.345)	6	490-492	4	3752.9291	626.3276	3761.9024	627.8231	3787.8253	632.1436	3796.7987	633.6392	45	55	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 SBD (57, 72) [A] - HSC70 SBD (113, 128) [B]		DSSd0 (A.71; B.126)	4	579-586	3	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 SBD (57, 72) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.71; B.126)	4	579-586	3	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	---	----	HSC70 SBD: 107.4%
SFYPEEVSSMVLTKMK - NQVAMNPTNTVFDAKR	HSC70 SBD (113, 128) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.126; B.71)	4	579-586	3	3818.8802	955.4755	3842.809	961.4577	3836.8268	959.9622	3860.7556	965.9444	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - SFYPEEVSSMVLTKMK	HSC70 linker (57, 72) [A] - HSC70 linker (113, 128) [B]		DSSd0 (A.71; B.126)	4	579-586	3	3818.8802	955.4755	3836.8268	959.9622	3842.809	961.4577	3860.7556	965.9444	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 SBD (57, 72) [A] - HSC70 SBD (452, 469) [B]		DSSd0 (A.71; B.458)	4	580-584	1	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 SBD (57, 72) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.71; B.458)	4	580-584	1	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	---	----	HSC70 SBD: 107.4%
DNNLLGKFELTGIPPAPR - NQVAMNPTNTVFDAKR	HSC70 SBD (452, 469) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.458; B.71)	4	580-584	1	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - DNNLLGKFELTGIPPAPR	HSC70 linker (57, 72) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.71; B.458)	4	580-584	1	3895.0171	974.5097	3918.9459	980.4919	3918.9459	980.4919	3942.8748	986.4741	---	----	HSC70 linker: 107.4%
GETKSFYPEEVSSMVLTK - IINEPTAAAIAYGLDKK	HSC70 SBD (109, 126) [A] - HSC70 SBD (172, 188) [B]		DSSd0 (A.112; B.187)	4	555-559	3	3957.0453	990.0168	3976.986	995.002	3976.986	995.002	3996.9267	999.9871	---	----	HSC70 SBD: 107.4%
GETKSFYPEEVSSMVLTK - IINEPTAAAIAYGLDKK	HSC70 SBD (109, 126) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.112; B.187)	4	555-559	3	3957.0453	990.0168	3976.986	995.002	3976.986	995.002	3996.9267	999.9871	---	----	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - GETKSFYPEEVSSMVLTK	HSC70 SBD (172, 188) [A] - HSC70 linker (109, 126) [B]		DSSd0 (A.187; B.112)	4	555-559	3	3957.0453	990.0168	3976.986	995.002	3976.986	995.002	3996.9267	999.9871	---	----	HSC70 SBD: 107.4%
GETKSFYPEEVSSMVLTK - IINEPTAAAIAYGLDKK	HSC70 linker (109, 126) [A] - HSC70 linker (172, 188) [B]		DSSd0 (A.112; B.187)	4	555-559	3	3957.0453	990.0168	3976.986	995.002	3976.986	995.002	3996.9267	999.9871	---	----	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - GETKSFYPEEVSSMVLTK	HSC70 SBD (57, 72) [A] - HSC70 SBD (109, 126) [B]		DSSd0 (A.71; B.112)	4	508-517	4	3974.9514	994.4933	3994.8921	999.4785	3998.8803	1000.4755	4018.821	1005.4607	13	87	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - GETKSFYPEEVSSMVLTK	HSC70 SBD (57, 72) [A] - HSC70 linker (109, 126) [B]		DSSd0 (A.71; B.112)	4	508-517	4	3974.9514	994.4933	3994.8921	999.4785	3998.8803	1000.4755	4018.821	1005.4607	13	87	HSC70 SBD: 107.4%
GETKSFYPEEVSSMVLTK - NQVAMNPTNTVFDAKR	HSC70 SBD (109, 126) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.112; B.71)	4	508-517	4	3974.9514	994.4933	3998.8803	1000.4755	3994.8921	999.4785	4018.821	1005.4607	13	87	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - GETKSFYPEEVSSMVLTK	HSC70 linker (57, 72) [A] - HSC70 linker (109, 126) [B]		DSSd0 (A.71; B.112)	4	508-517	4	3974.9514	994.4933	3994.8921	999.4785	3998.8803	1000.4755	4018.821	1005.4607	13	87	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 SBD (50, 71) [A] - HSC70 SBD (156, 171) [B]		DSSd0 (A.56; B.159)	4	496-502	3	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 SBD (50, 71) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.56; B.159)	4	496-502	3	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	---	----	HSC70 SBD: 107.4%
QATKDAGTIAGLNVLR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (156, 171) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.159; B.56)	4	496-502	3	4083.1543	1021.544	4111.0713	1028.5233	4105.0891	1027.0277	4133.006	1034.007	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - QATKDAGTIAGLNVLR	HSC70 linker (50, 71) [A] - HSC70 linker (156, 171) [B]		DSSd0 (A.56; B.159)	4	496-502	3	4083.1543	1021.544	4105.0891	1027.0277	4111.0713	1028.5233	4133.006	1034.007	---	----	HSC70 linker: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - GTLDPVEKALR	HSC70 SBD (78, 102) [A] - HSC70 SBD (312, 322) [B]		DSSd0 (A.88; B.319)	5	540-544	3	4225.1209	845.83	4240.0764	848.8211	4260.0171	852.8092	4274.9726	855.8003	---	----	HSC70 SBD: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - GTLDPVEKALR	HSC70 SBD (78, 102) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.88; B.319)	5	540-544	3	4225.1209	845.83	4240.0764	848.8211	4260.0171	852.8092	4274.9726	855.8003	---	----	HSC70 SBD: 107.4%
GTLDPVEKALR - FDDAVVQSDMKHWPFMVVNDAGRPK	HSC70 SBD (312, 322) [A] - HSC70 linker (78, 102) [B]		DSSd0 (A.319; B.88)	5	540-544	3	4225.1209	845.83	4260.0171	852.8092	4240.0764	848.8211	4274.9726	855.8003	---	----	HSC70 SBD: 107.4%
FDDAVVQSDMKHWPFMVVNDAGRPK - GTLDPVEKALR	HSC70 linker (78, 102) [A] - HSC70 linker (312, 322) [B]		DSSd0 (A.88; B.319)	5	540-544	3	4225.1209	845.83	4240.0764	848.8211	4260.0171	852.8092	4274.9726	855.8003	---	----	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 SBD (50, 71) [A] - HSC70 SBD (326, 342) [B]		DSSd0 (A.56; B.328)	5	489-495	3	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 SBD: 107.4%

LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 SBD (50, 71) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.56; B.328)	5	489-495	3	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 SBD: 107.4%
LDKSQIHDIVLVGGSTR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (326, 342) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.328; B.56)	5	489-495	3	4293.2547	859.4568	4321.1717	865.0402	4317.1836	864.2425	4345.1006	869.8259	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - LDKSQIHDIVLVGGSTR	HSC70 linker (50, 71) [A] - HSC70 linker (326, 342) [B]		DSSd0 (A.56; B.328)	5	489-495	3	4293.2547	859.4568	4317.1836	864.2425	4321.1717	865.0402	4345.1006	869.8259	---	----	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - DNNLLGKFELTGIPPAPR	HSC70 SBD (50, 71) [A] - HSC70 SBD (452, 469) [B]		DSSd0 (A.56; B.458)	4	587-597	4	4407.3017	1102.5809	4431.2305	1108.5631	4435.2187	1109.5601	4459.1475	1115.5423	39	61	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - DNNLLGKFELTGIPPAPR	HSC70 SBD (50, 71) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.56; B.458)	4	587-597	4	4407.3017	1102.5809	4431.2305	1108.5631	4435.2187	1109.5601	4459.1475	1115.5423	39	61	HSC70 SBD: 107.4%
DNNLLGKFELTGIPPAPR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (452, 469) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.458; B.56)	4	587-597	4	4407.3017	1102.5809	4435.2187	1109.5601	4431.2305	1108.5631	4459.1475	1115.5423	39	61	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - DNNLLGKFELTGIPPAPR	HSC70 linker (50, 71) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.56; B.458)	4	587-597	4	4407.3017	1102.5809	4431.2305	1108.5631	4435.2187	1109.5601	4459.1475	1115.5423	39	61	HSC70 linker: 107.4%
NQVAMNPTNTVFDAKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD (57, 72) [A] - HSC70 SBD (129, 155) [B]		DSSd0 (A.71; B.137)	4	574-583	3	4899.4622	1225.621	4933.3614	1234.0958	4923.391	1231.6032	4957.2902	1240.078	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD (57, 72) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.71; B.137)	4	574-583	3	4899.4622	1225.621	4933.3614	1234.0958	4923.391	1231.6032	4957.2902	1240.078	---	----	HSC70 SBD: 107.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - NQVAMNPTNTVFDAKR	HSC70 SBD (129, 155) [A] - HSC70 linker (57, 72) [B]		DSSd0 (A.137; B.71)	4	574-583	3	4899.4622	1225.621	4923.391	1231.6032	4933.3614	1234.0958	4957.2902	1240.078	---	----	HSC70 SBD: 107.4%
NQVAMNPTNTVFDAKR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 linker (57, 72) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.71; B.137)	4	574-583	3	4899.4622	1225.621	4933.3614	1234.0958	4923.391	1231.6032	4957.2902	1240.078	---	----	HSC70 linker: 107.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 SBD (129, 155) [A] - HSC70 SBD (452, 469) [B]		DSSd0 (A.137; B.458)	5	659-661	3	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 SBD: 107.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 SBD (129, 155) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.137; B.458)	5	659-661	3	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 SBD: 107.4%
DNNLLGKFELTGIPPAPR - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD (452, 469) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.458; B.137)	5	659-661	3	5045.6259	1009.931	5079.5251	1016.7108	5069.5547	1014.7168	5103.4539	1021.4966	---	----	HSC70 SBD: 107.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - DNNLLGKFELTGIPPAPR	HSC70 linker (129, 155) [A] - HSC70 linker (452, 469) [B]		DSSd0 (A.137; B.458)	5	659-661	3	5045.6259	1009.931	5069.5547	1014.7168	5079.5251	1016.7108	5103.4539	1021.4966	---	----	HSC70 linker: 107.4%
GPAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR - IINEPTAAAIAYGLDKK	HSC70 SBD (4, 36) [A] - HSC70 SBD (172, 188) [B]	carbamidomethylation (A.17)	DSSd0 (A.25; B.187)	5	572-580	4	5397.7788	1080.3616	5417.7195	1084.3497	5440.6513	1088.9361	5460.592	1092.9242	68	32	HSC70 SBD: 107.4%
GPAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR - IINEPTAAAIAYGLDKK	HSC70 SBD (4, 36) [A] - HSC70 linker (172, 188) [B]	carbamidomethylation (A.17)	DSSd0 (A.25; B.187)	5	572-580	4	5397.7788	1080.3616	5417.7195	1084.3497	5440.6513	1088.9361	5460.592	1092.9242	68	32	HSC70 SBD: 107.4%
IINEPTAAAIAYGLDKK - GPAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR	HSC70 SBD (172, 188) [A] - HSC70 linker (4, 36) [B]	carbamidomethylation (B.17)	DSSd0 (A.187; B.25)	5	572-580	4	5397.7788	1080.3616	5440.6513	1088.9361	5417.7195	1084.3497	5460.592	1092.9242	68	32	HSC70 SBD: 107.4%
GPAVGIDLGTTYSCVGVFQHGKVEIIANDQGNR - IINEPTAAAIAYGLDKK	HSC70 linker (4, 36) [A] - HSC70 linker (172, 188) [B]	carbamidomethylation (A.17)	DSSd0 (A.25; B.187)	5	572-580	4	5397.7788	1080.3616	5417.7195	1084.3497	5440.6513	1088.9361	5460.592	1092.9242	68	32	HSC70 linker: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD (50, 71) [A] - HSC70 SBD (129, 155) [B]		DSSd0 (A.56; B.137)	5	588-593	3	5411.7468	1083.1552	5445.646	1089.935	5439.6638	1088.7386	5473.563	1095.5184	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 SBD (50, 71) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.56; B.137)	5	588-593	3	5411.7468	1083.1552	5445.646	1089.935	5439.6638	1088.7386	5473.563	1095.5184	---	----	HSC70 SBD: 107.4%
EIAEAYLGKTVTNAVVTVPAYFNDSQR - LIGDAAKNQVAMNPTNTVFDAK	HSC70 SBD (129, 155) [A] - HSC70 linker (50, 71) [B]		DSSd0 (A.137; B.56)	5	588-593	3	5411.7468	1083.1552	5439.6638	1088.7386	5445.646	1089.935	5473.563	1095.5184	---	----	HSC70 SBD: 107.4%
LIGDAAKNQVAMNPTNTVFDAK - EIAEAYLGKTVTNAVVTVPAYFNDSQR	HSC70 linker (50, 71) [A] - HSC70 linker (129, 155) [B]		DSSd0 (A.56; B.137)	5	588-593	3	5411.7468	1083.1552	5445.646	1089.935	5439.6638	1088.7386	5473.563	1095.5184	---	----	HSC70 linker: 107.4%