

Cross-link	Peptide (:0 represents DSS-H12, while :1 represents DSS-D12)	Probability score	Calc_M	ved mass(monoiso)	m/z	z	ppm
Nup120(17)-Nup120(421)	IDANLLQYYEKPEPNTVDLYVSNNSNNGLK(11)-YGTQIFER(7):0	1.8E-05	4647.252	4651.267	1162.813	4	-3
Nup120(206)-Nup120(219)	KVDGVVHYEPLLFNDNSYLKSLTR(19)-SDYDSVISCK(2):1	6.1E-07	3861.888	3866.925	773.385	5	0
Nup120(38)-Nup120(429)	IDANLLQYYEKPEPNTVDLYVSNNSNNGLKEGDK(32)-AQQILSENK(7):0	3.2E-03	5093.485	5098.517	1019.702	5	-1
Nup120(400)-Nup120(440/441)	SLVDLQSEHDLDIVTKTGDVER(16)-IIMAHNEDEEYLANLETILR(9/10):1	9.4E-16	4836.413	4841.435	968.284	5	-3
Nup120(400)-Nup120(523)	SLVDLQSEHDLDIVTKTGDVER(16)-TLNGFASTLSNDVLR(12):1	7.2E-04	4057.060	4062.089	812.416	5	-2
Nup120(735)-Nup120(403/405)	SYIIENTSHKNIR(10)-TGDVER(3/5):0	2.2E-06	2231.129	2236.166	447.233	5	0
Nup120(865)-Nup120(894/898)	EIQIEELQDFKEK(11)-LGHECLSDTVR(4/8):0	1.2E-10	2915.433	2919.460	729.864	4	-1
Nup133(103)-Nup133(130/131)	TLQTDYSSGFSNDDELNGYIDMQIGYGLVNDHKK(33)-SDDNDEIAVAPR(5/6):0	3.2E-10	5119.326	5124.358	1024.871	5	-1
Nup133(1072)-Nup133(1032)	VFDEELPKNNDPPLPSVDLLCDK(8)-LLSVDGNLLNFEVKK(12):0	4.6E-04	4373.250	4378.282	875.656	5	-1
Nup133(1142)-Nup133(1068/1069)	LHSTIGSVAKEK(10)-VFDEELPK(4/5):0	5.9E-07	2226.190	2230.219	557.555	4	0
Nup133(1144)-Nup133(1068)	EKNYTINYETNTVEY(2)-RVFDEELPK(5):0	2.8E-05	2993.429	2997.453	749.362	4	-2
Nup133(168)-Nup133(131)	CILTFPATMDESPLALNPNDQDETGGIIHKGSK(31)-SDDNDEIAVAPR(6):0	1.4E-03	4940.406	4945.432	989.084	5	-2
Nup133(171)-Nup133(127)	GSKAIYYEDINSINNLNFK(3)-SDDNDEIAVAPR(2):0	1.3E-22	3484.675	3488.700	872.174	4	-1
Nup133(171)-Nup133(195/197)	GSKAIYYEDINSINNLNFK(3)-FSHELELPINSSGGEK(4/6):0	6.9E-14	3926.933	3931.965	786.392	5	-1
Nup133(187)-Nup133(127)	AIYYEDINSINNLNFKLSEK(16)-SDDNDEIAVAPR(2):0	5.3E-08	3669.780	3673.791	918.443	4	-5
Nup133(253)-Nup84(340)	LLNKPFLGIWSK(7)-HPSESEHPIR(6):0	5.4E-07	2712.486	2717.523	543.505	5	0
Nup133(394)-Nup133(454)	LNTFMESITDTKFKPK(12)-NDIDIIGSGYDSK(4):0	1.3E-05	3292.617	3297.667	659.536	5	4
Nup133(480)-Nup133(63)	QMGVLFQFFVKENEETNSKPEVGFVK(10)-VFTENNR(4):0	1.4E-02	3743.862	3748.898	749.780	5	0
Nup133(484)-Nup133(442)	ENEETNSKPEVGFVK(3)-KWEDIVSLR(1):0	4.9E-07	2832.429	2837.463	567.492	5	-1
Nup133(486)-Nup133(442)	ENEETNSKPEVGFVK(1)-KWEDIVSLR(1):0	1.8E-04	2832.429	2837.463	567.492	5	-1
Nup133(506)-Nup133(562)	SHVDQAVYFSKINANPIDFNLPPEISLDQESIEHDLK(11)-KEFFQNFLTQVAK(2):0	8.0E-09	5821.931	5827.969	971.327	6	-1
Nup133(912/913)-Nup133(1097)	KGESLSECELHLNVAK(1)-SLLTPEYISETYGR(10):0	9.7E-11	3422.703	3427.736	685.547	5	-1
Nup133(913)-Nup133(989)	KGESLSECELHLNVAK(1)-EVFNILVEELK(8):0	4.9E-02	3126.627	3131.654	626.329	5	-3
Nup133(936)-Nup133(392)	LSSLLVEKDNLDINTLR(8)-LNTFMESITDTK(10):0	6.8E-05	3322.733	3326.765	831.692	4	1
Nup133(936)-Nup133(952)	LSSLLVEKDNLDINTLR(8)-KIQYNLDTIDAOK(7):1	4.6E-07	3473.862	3478.895	695.778	5	-1
Nup133(936)-Nup84(713)	LSSLLVEKDNLDINTLR(8)-LKEYLDELVAR(3):0	2.5E-05	3142.760	3147.796	629.559	5	0
Nup133(946)-Nup133(1097)	DNLDTINTLRKIQYNLDTIDAOK(10)-SLLTPEYISETYGR(10):0	1.2E-02	4214.138	4219.191	843.842	5	4
Nup133(946)-Nup133(935)	KIQYNLDTIDAOK(1)-LSSLLVEK(7):0	4.9E-06	2419.321	2423.348	605.836	4	-1
Nup145c(141)-Seh1(284)	LIMKERR(4)-SDSNTEEK(7):0	7.0E-08	1834.921	1838.946	459.736	4	-2
Nup145c(183)-Nup145c(226)	KFLFDDVYLDKEIEK(1)-DALDYMEK(7):0	4.8E-07	2866.399	2870.425	717.606	4	-1
Nup145c(183)-Nup145c(231)	KFLFDDVYLDKEIEK(1)-TSSDYNLWK(4):0	6.2E-09	2995.485	2999.512	749.877	4	-1
Nup145c(193)-Nup145c(220/223)	FLFDDVYLDKEIEK(10)-DALDYMEK(1/4):1	1.2E-08	2738.304	2742.327	685.580	4	-2
Nup145c(219)-Nup145c(187)	KSNPYPQISESSLLFKDALDYMEK(16)-KFLFDDVYLDKEIEK(5):1	5.6E-06	4685.350	4692.396	670.342	7	-1
Nup145c(219)-Nup145c(231)	KSNPYPQISESSLLFKDALDYMEK(16)-TSSDYNLWK(4):0	1.8E-03	3896.882	3901.918	780.384	5	0
Nup145c(250)-Nup145c(213)	LSSILFDPVSYPKTDNDQVK(14)-SNPYPQISESSLLFK(9):0	5.5E-10	4119.073	4123.102	1030.776	4	0
Nup145c(309)-Nup145c(293)	ASKLAIESKNGHLSVLISYLSNDPR(3)-NSSNEIEQIFLYLLNDVVR(7):0	3.8E-05	5128.720	5134.763	855.794	6	0
Nup145c(39)-Nup145c(22)	TLAQSKPSDKEVILK(6)-QEDGGQPLR(2):0	3.5E-14	2765.456	2770.489	554.097	5	-1
Nup145c(39)-Nup145c(60/61)	TLAQSKPSDKEVILK(6)-DDSVVEEK(1/2):0	1.7E-12	2571.364	2575.391	643.847	4	-1
Nup145c(39)-Nup85(164)	TLAQSKPSDKEVILK(6)-DQDGR(1):1	5.0E-07	2227.181	2231.205	557.800	4	-2
Nup145c(39)-Nup85(715/717)	TLAQSKPSDKEVILK(6)-SSNLVETIIEADK(10/12):0	4.0E-07	3119.660	3124.693	624.938	5	-1
Nup145c(39/43)-Nup85(587)	TLAQSKPSDKEVILK(6)-LDDPVLNAIVSK(2):1	1.9E-13	2920.648	2924.675	731.168	4	-1
Nup145c(39/43)-Seh1(138/141)	TLAQSKPSDKEVILK(6/10)-LYDALEPSDLR(3/6):0	6.9E-07	2928.581	2933.611	586.721	5	-2
Nup145c(59)-Nup145c(42)	TDGTFGTLSGKDDSVVEEK(11)-TLAQSKPSDKEVILK(9):1	1.7E-06	3635.878	3640.911	728.181	5	-1
Nup145c(593)-Nup145c(201)	LLSSNPVQNNELKTLR(14)-VTIAR(4):0	3.7E-05	2634.482	2638.511	659.628	4	0
Nup145c(62/63)-Nup85(2)	TDGTFGTLSGKDDSVVEEK(12/13)-TIDDSNR(1):0	1.1E-06	2799.305	2803.328	700.831	4	-2
Nup145c(642)-Nup145c(686)	LVLDNVETQETIDSLISGMKIFYDQYK(20)-LLELPLGQPEK(3):0	1.7E-14	4395.281	4400.313	880.062	5	-1
Nup145c(672)-Nup145c(700)	ILEKNNSIGDSK(4)-GEFAQDLMK(2):0	3.3E-10	2433.221	2437.248	609.311	4	-1
Nup145c(681)-Nup145c(700/704)	NNPSIGDSKAK(9)-GEFAQDLMK(2):0	7.8E-07	2165.042	2169.071	542.268	4	0
Nup145c(683)-Nup145c(679)	AKLLELPLGQPEK(2)-NNPSIGDSK(7):0	2.9E-03	2347.275	2351.304	587.826	4	0
Nup145c(91)-Nup145c(44)	LDVSKDWVEQLILAGSSLR(5)-TLAQSKPSDKEVILK(11):0	5.0E-04	3766.088	3772.124	628.686	6	-2
Nup145c(91)-Nup145c(60)	LDVSKDWVEQLILAGSSLR(5)-TDGTFGTLSGKDDSVVEEK(12):1	1.3E-04	4108.085	4113.126	822.626	5	1
Nup145c(91)-Nup145c(70)	LDVSKDWVEQLILAGSSLR(5)-AYEPDLSADFEIEASPK(3):0	2.0E-14	4163.059	4167.100	1041.778	4	3
Nup84(143)-Nup145c(335)	NVPTSKWLNSITSGGLK(6)-DLAELQLQK(1):1	2.2E-06	2839.544	2843.573	710.893	4	0
Nup84(143)-Nup84(164)	NVPTSKWLNSITSGGLK(6)-ENTNVLDVK(1):0	8.6E-06	2813.492	2817.521	704.380	4	0
Nup84(143)-Nup84(173/175)	NVPTSKWLNSITSGGLK(6)-DKEEDHIFFK(1/3):1	1.1E-04	3089.582	3093.608	773.401	4	-1
Nup84(154)-Nup145c(335/338)	WLNSITSGGLKSCDLDFPLR(11)-DLAELQLQK(1):1	7.7E-05	3316.712	3320.732	830.181	4	-3
Nup84(544)-Nup84(565)	VKALEQFMER(2)-NYELEK(5):0	1.5E-04	2026.019	2030.046	507.511	4	-1
Nup84(544)-Nup84(598)	VKALEQFMER(2)-EYEEWQK(3):0	1.3E-06	2242.073	2246.106	561.528	4	2
Nup84(592)-Nup84(626)	IADNISKDENEDQFLEEITQYEHLIKIR(26)-DTFELIK(1):1	2.1E-10	4306.164	4312.208	718.701	6	0
Nup84(619)-Nup84(599)	SVSLLSSESNIPTLIEKQGFQSK(17)-EYEEWQK(4):0	1.6E-04	3468.766	3472.792	868.197	4	-1
Nup84(712)-Nup133(935)	LKEYLDELVAR(2)-LSSLLVEK(7):0	7.5E-06	2088.219	2092.246	523.061	4	-1
Nup85(14)-Nup85(2)	LLMDVDQDFLDDGTAQLSNNKTDEEEQLYK(6)-TIDDSNR(1):0	1.6E-13	4607.124	4612.156	922.430	5	-1
Nup85(17)-Seh1(1)	LLMDVDQDFLDDGTAQLSNNKTDEEEQLYK(9)-MQPFDSGHDDLVDVYDFYGR(1):1	3.2E-15	6258.790	6264.833	1044.139	6	0
Nup85(2)-Seh1(1)	TIDDSNRLLMDVDQDFLDDGTAQLSNNKTDEEEQLYK(1)-MQPFDSGHDDLVDVYDFYGR(1):0	4.8E-08	7028.162	7034.191	1172.363	6	-2
Nup85(30)-Nup85(164)	LLMDVDQDFLDDGTAQLSNNKTDEEEQLYK(22)-VKDQDGR(3):1	1.8E-04	4448.060	4453.096	890.619	5	0
Nup85(536)-Nup145c(70)	LPEIAKEIYTTLGNQMLS AHNIESIANFSR(6)-AYEPDLSADFEIEASPK(3):0	1.4E-06	5523.703	5528.780	1105.764	5	7.4
Nup85(585)-Nup145c(42)	SYSWLLFEASCMEGQKLLDDPVLNAIVSK(16)-TLAQSKPSDKEVILK(9):1	9.3E-04	4837.492	4843.536	807.256	6	0

Nup85(705)-Seh1(144)	WDDADEKSSNLYETIHEADK(7)-LYDALEPSDLR(9):1	9.3E-03	3613.695	3617.720	904.429	4	-1
Nup85(85)-Nup85(63)	LGPLSYQNMAFITAKDKYK(15)-NGDKMPLK(3):0	4.1E-10	3070.598	3075.629	615.125	5	-2
Nup85(87)-Nup85(59)	LGPLSYQNMAFITAKDKYK(17)-DPVSGAILVPMTVNDQPIEK(19):0	5.2E-09	4291.227	4296.268	859.254	5	1
Sec13(10)-Nup145c(164)	VVIANAHNELIHDAVLDYYGK(9)-FSTGSMMLTKDIVGK(11):1	4.2E-06	3931.055	3937.095	656.182	6	-1
Sec13(186)-Sec13(239)	IWKYNSDAQTYVLESTLEGHSDWVR(3)-TCHWTQDNEQGPWK(10):0	6.0E-10	4853.282	4858.313	971.662	5	-1
Sec13(2)-Nup120(990)	VVIANAHNELIHDAVLDYYGK(1)-AAAEVLYQYILMQADLDVIR(15):0	1.2E-11	4785.495	4791.539	798.590	6	0
Sec13(2)-Nup145c(164)	VVIANAHNELIHDAVLDYYGK(1)-FSTGSMMLTKDIVGK(11):0	1.8E-04	4087.156	4093.208	682.203	6	2
Sec13(2)-Nup145c(22)	VVIANAHNELIHDAVLDYYGK(1)-QEDGGEQPLR(2):0	2.8E-08	3462.717	3467.750	693.549	5	-1
Sec13(2)-Nup145c(283)	VVIANAHNELIHDAVLDYYGK(1)-LTSWIVSQIGPEIEEK(15):0	2.5E-06	4163.158	4168.219	833.649	5	6
Sec13(2)-Nup145c(42)	VVIANAHNELIHDAVLDYYGK(1)-TLAQSKPSDK(9):0	2.5E-04	3408.768	3413.807	682.762	5	1
Sec13(2)-Nup145c(60/61)	VVIANAHNELIHDAVLDYYGK(1)-TDGTFGTLSGKDDSDIVEEK(12):1	5.4E-03	4333.139	4339.191	723.200	6	2
Sec13(2)-Nup145c(72)	VVIANAHNELIHDAVLDYYGK(1)-AYEPDLSADDFEGIEASPK(5):1	4.6E-13	4388.112	4393.149	878.630	5	0
Sec13(2)-Sec13(37)	VVIANAHNELIHDAVLDYYGK(1)-TIKIFEVEGETHK(6):0	1.5E-09	3865.005	3871.049	645.175	6	0
Sec13(2)-Sec13(41)	VVIANAHNELIHDAVLDYYGK(1)-IFEVEGETHK(7):0	1.3E-05	3522.778	3528.818	588.136	6	-1
Sec13(2)-Sec13(47)	VVIANAHNELIHDAVLDYYGK(1)-LIDTLTGHEGVPVWR(3):0	8.5E-04	3928.027	3934.075	655.680	6	1
Sec13(2)-Seh1(141)	VVIANAHNELIHDAVLDYYGK(1)-LYDALEPSDLR(6):0	8.3E-12	3625.842	3630.874	726.174	5	-1
Sec13(2)-Seh1(279)	VVIANAHNELIHDAVLDYYGK(1)-SDSNTEEK(2):0	3.8E-07	3243.568	3248.608	649.722	5	1
Sec13(22)-Sec13(39/41)	VVIANAHNELIHDAVLDYYGK(21)-IFEVEGETHK(5/7):0	4.4E-10	3678.879	3682.912	920.729	4	1
Sec13(277)-Sec13(294)	ASWSLSGNVLAALSGGDNKVTWLK(18)-WEPAGEVHQ(6):0	3.7E-05	3435.721	3439.747	859.936	4	-1
Sec13(282)-Nup145c(179)	VTLWKENLEGK(5)-RLPTELQR(5):0	1.3E-05	2309.285	2314.317	462.862	5	-2
Sec13(282)-Nup145c(438)	VTLWKENLEGK(5)-LYKEVR(4):0	1.9E-06	2104.168	2108.197	527.049	4	0
Sec13(283)-Nup145c(437)	ASWSLSGNVLAALSGGDNKVTLWKENLEGK(24)-LYKEVR(3):0	8.9E-06	3861.042	3867.082	644.513	6	-1
Sec13(286)-Nup145c(437)	ENLEGKWEPAGEVHQ(4)-LYKEVR(3):0	5.1E-03	2510.255	2514.284	628.571	4	0
Sec13(288)-Sec13(250)	ENLEGKWEPAGEVHQ(6)-TLLKEEK(5):0	1.7E-04	2563.292	2567.318	641.829	4	-1
Seh1(1)-Nup85(32)	MQPFDSGHDDLVDVYDFYGR(1)-TDEEEQLYK(2):0	9.4E-08	3762.642	3767.678	753.536	5	0
Seh1(1)-Nup85(33)	MQPFDSGHDDLVDVYDFYGR(1)-TDEEEQLYK(3):0	1.6E-13	3746.647	3751.695	750.341	5	3
Seh1(1)-Nup85(4)	MQPFDSGHDDLVDVYDFYGR(1)-TIDDSNR(3):0	2.5E-03	3412.505	3417.538	683.507	5	-1
Seh1(198)-Seh1(279)	GKDGKLVAAK(2)-SDSNTEEK(2):0	4.2E-08	2013.013	2018.049	403.610	5	0
Seh1(2)-Nup85(34)	QPFDGHDLDVHDVYDFYGR(1)-TDEEEQLYK(4):0	4.0E-05	3615.607	3619.603	904.893	4	-9
Seh1(2)-Nup85(4/5)	QPFDGHDLDVHDVYDFYGR(1)-MTIDDSNR(1):0	6.8E-04	3412.505	3417.538	683.507	5	-1
Seh1(201)-Seh1(279)	DGKLVAAK(3)-SDSNTEEK(2):0	1.2E-06	1827.896	1831.925	457.981	4	0
Seh1(201)-Seh1(283)	GKDGKLVAAK(5)-SDSNTEEK(6):0	2.9E-08	2013.013	2017.040	504.259	4	-1
Seh1(207)-Seh1(279/283)	LHVAAKLPGHK(6)-SDSNTEEK(2):1	5.5E-05	2060.065	2064.092	516.022	4	-1
Seh1(37)-Seh1(89/92)	VFKLDKDTSNWELSDSWR(3)-LWEEDPDQECSGR(10):0	1.6E-06	3955.759	3960.788	792.156	5	-2
Seh1(40)-Nup145c(44)	LDKDTSNWELSDSWR(3)-TLAQSKPSDK(11):0	4.0E-12	3488.779	3493.815	698.763	5	0
Seh1(40)-Nup85(2)	LDKDTSNWELSDSWR(3)-TIDDSNR(1):0	1.4E-04	2652.205	2656.229	664.056	4	-2
Seh1(79)-Nup85(2)	IISASYDKTVK(9)-TIDDSNR(1):0	2.0E-07	2096.075	2100.102	525.025	4	-1

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