Supporting Information

Naive Pluripotent and Trophoblastic Stem Cell Lines as a Model for Detecting Missing Proteins in the Context of the Chromosome-Centric Human Proteome Project

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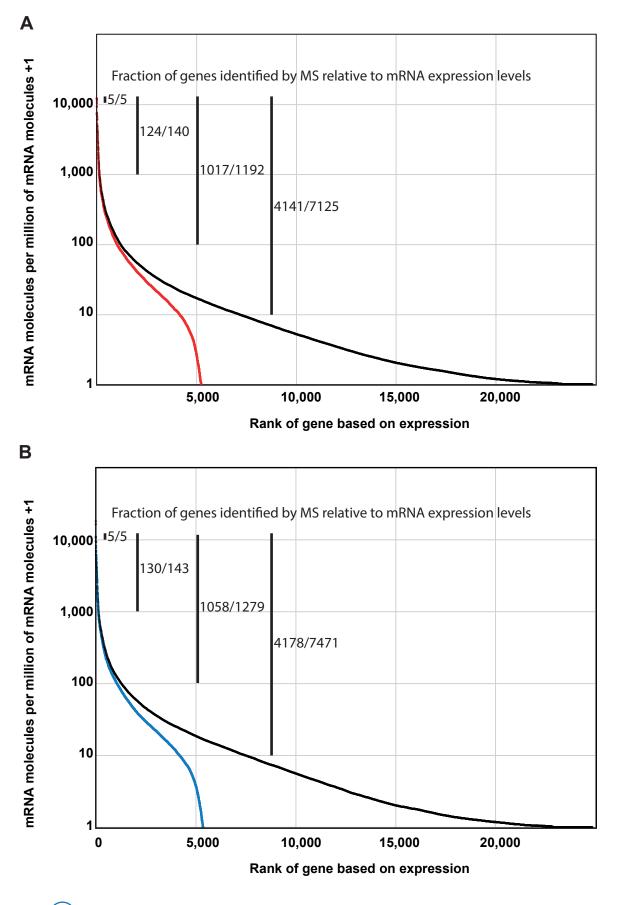
Supplementary Figure 1: Transcriptomic expression levels of missing proteins and all genes in hNPSCs and hTSCs. Distribution of average transcriptomic expression levels (mRNA molecules per million of mRNA molecules+1) for all genes (black) (**A**, **B**), corresponding to all proteins identified in hNPSCs (red) (**A**) or in hTSCs (blue) (**B**).

Supplementary Table 1: List of Missing proteins (PE2-PE4) with mRNA expressed at more than 20 upm in the 3'SRP datasets

Supplementary Table 2: Proteins identified after using Mascot and Proline for hNPSCs and hTSCs (lysis buffer, trypsin and merge) (Excel file)

Supplementary Table 3: Peptides identified using PaSER for hNPSCs and hTSCs (lysis buffer and trypsin) (Excel file)

Supplementary Material 1: Spectra of peptides of interest identified with the PaSER search engine.



Distribution of transcriptomic expression levels for genes detected by MS in hTSCs Distribution of transcriptomic expression levels for genes detected by MS in hNPSCs Distribution of transcriptomic expression levels for all genes

hNPSCs	hTSCs
ESRG	CBDW5
TRIM61	SMIM30
CBWD5	RTL8C
ZNF676	MTRNR2L10
ZNF208	C19orf48
ZNF880	C12orf56
C19orf48	ESRG
SMIM30	ERVV-1
ZNF492	ZNF429
ARGFX	
ZNF728	
ZNF781	
ZNF793	
ZNF429	

Supplementary table 1. List of Missing proteins (PE2-PE4) with more 20 upm in the 3'SRP datasets

• hNPSCs

Project name: 2224001 Sample name: HPP_CSnaives_Tampon_Lyse_Slot1_11_1_4632 Created date: 2022-06-16 17:30:20.0 Search name: Activation type: CID

Peptide sequence: K.DFNQSSHLTTHK.R Scan number: 13664 Calculated M+H: 1414.671 Measured M+H: 1414.6743 Charge state: 2 File name: 0e085448-f297-46bb-9d2a-30bd2c0d9586_1655400612 search type: light

lons: DFNQSSHLTTHK, MH+ 1414.6710, m/z 707.8391 116.0342 a 🗌 1+ 🗌 2+ 🖂 3+ File: 0e085448-f297-46bb-9d2a-30bd2c0d9586_1655400612, Scan: 13664, Precursor m/z: 707.8408, Charge: 2 Ь 🗹 1+ 🗆 2+ 🖂 3+ 263.1026 1299.6440 c 1+ 2+ 3+ 377.1456 1152.5756 x 1+ 2+ 3+ 113% 505.2041 1038.5327 Q y 🗹 1+ 🗆 2+ 🖂 3+ z 🛛 1* 🖂 2* 🖂 3* 592.2362 [Deselect All] 679.2682 823.4421 Neutral Loss: 95% 816.3271 736.4100 H₂O (0) 🗌 NH₃ (*) 599.3511 929.4112 □ H₃PO₄ (^) 1030.4588 Precursor (#) 76% 1131.5065 385.2194 Precursor with reduced charges 1268.5654 Mass Type: 147.1128 Ono ○Avg 57% [Click] to move table Mass Tol: 30 Static Modifications: C: 57.02146 ODalton OPPM (Update) 38% Peak Assignment: Most Intense ONearest Match 19% Peak Detect Precursor Removal Peak Labels: OlonOm/z 0% ONone 200 400600 800 1000 1200 1400 1600 Width: 750 Click and drag in the plot to zoom X: ✓ Y: Zoom Out Print Enable tooltip Height: 450

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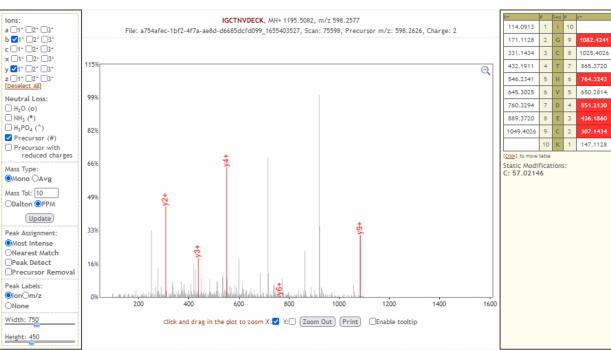
Precursor Neutral Losses 707.8425 [M+2H]

Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.DFNQSSHLTTHK.R	0	1414.67096	0.0	1.5917	0.8108	707.8408	1.02805	0.9874	NA	7	22	64.258
2	R.GQTEALEECLHK.H	0	1414.66308	0.8481	0.2418	0.838	707.8408	1.02805	0.9945	NA	2	20	9.51
3	K.KEEEATEWQHK.A	0	1414.6597	0.8681	0.21	0.1929	707.8408	1.02805	0.9705	NA	3	20	8.221
4	K.HTTLHSSQNFDK.G	0	1414.67096	0.8749	0.1991	0.6373	707.8408	1.02805	0.9837	NA	3	22	7.777

Protein: PODKX0 Medium/low Quality

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.IGCTNVDECK.V Scan number: 75598 Calculated M+H: 1195.5082 Measured M+H: 1195.5178 Charge state: 2 File name: a754afeo-1bf2-4f7a-ae8d-d6685dcfd099_1655403527 search type: light



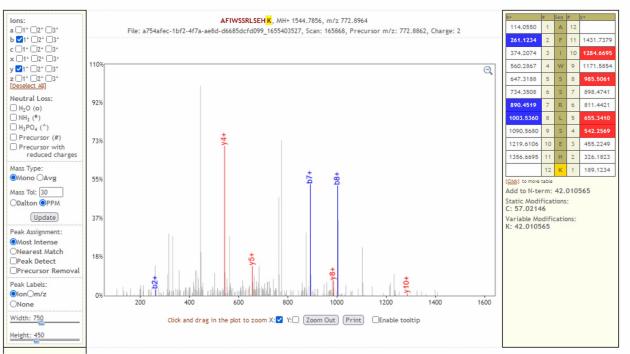
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched Ions	Expected lons	SP
1	K.IGCTNVDECK.V	0	1195.50816	0.0	0.2536	0.494	598.2626	0.94138	0.8918	NA	4	18	499.0
2	K.(42.010565)SIGTFSDPCK(42.010565).D	0	1195.52996	1.0	0.0	NA	598.2626	0.94138	NA	NA	0	18	-1.0
3	K.SM(15.994915)LEEMNVGK(42.010565).P	0	1195.53331	1.0	0.0	NA	598.2626	0.94138	NA	NA	0	16	-1.0
4	K.(42.010565)K(42.010565)SECFSSPK(42.010565).T	0	1195.52995	1.0	0.0	NA	598.2626	0.94138	NA	NA	0	16	-1.0

High Quality

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.(42.010565)AFIWSSRLSEHK(42.010565).R Scan number: 165868 Calculated M+H: 1544.7856 Measured M+H: 1544.765 Charge state: 2 File name: a754afeo1bf2-4f7a-ae8d-d66855ddd099_1655403527 search type: light



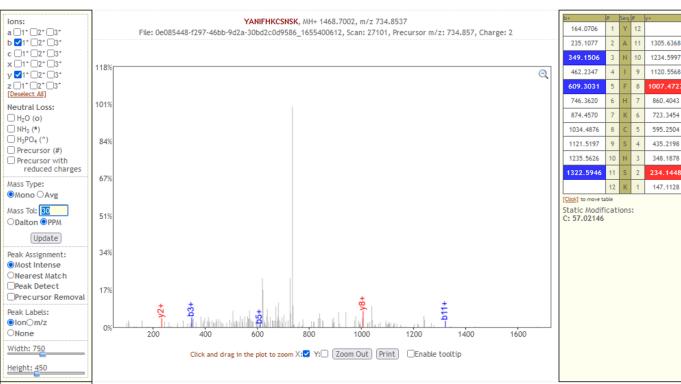
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched Ions	Expected lons	SP
1	K.(42.010585)AFIWSSRLSEHK(42.010585).R	0	1544.78559	0.0	1.205	0.7573	772.8862	1.1015	1.0671	NA	7	21	11.994
2	K.(42.010585)QGK(42.010585)DIYTIDHTK(42.010585).P	0	1544.75908	0.2364	0.9201	0.7877	772.8862	1.1015	1.0664	NA	4	22	9.104
3	R.(42.010565)FHQSLNETNSRK(42.010565).K	0	1544.74519	0.2955	0.8489	0.6215	772.8862	1.1015	1.0534	NA	4	22	8.382
4	K.AENARMVVNIDNAK.L	0	1544.78494	0.3856	0.7403	0.1298	772.8862	1.1015	1.036	NA	9	23	7.281

Protein: PODKX0 Medium Quality

Project name: 2224001 Sample name: HPP_CSnaives_Tampon_Lyse_Slot1_11_1_4632 Created date: 2022-06-16 17:30:20.0 Search name: Activation type: CID

Peptide sequence: K.YANIFHKCSNSK.R Scan number: 27101 Calculated M+H: 1468.7002 Measured M+H: 1468.7067 Charge state: 2 File name: 0e085448-f297-46bb-9d2a-30bd2c0d9586_1655400612 search type: light



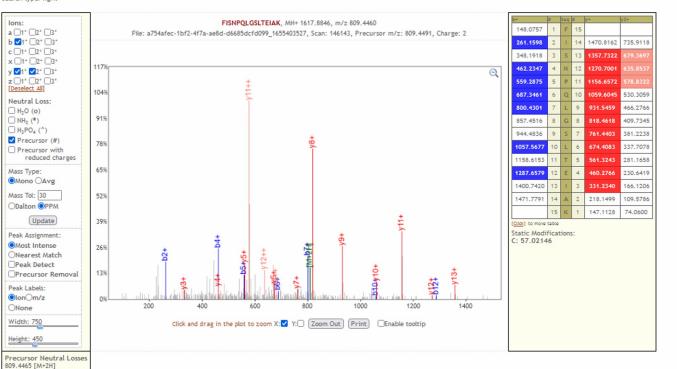
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.YANIFHKCSNSK.R	0	1468.70015	0.0	0.4336	0.0578	734.857	1.02478	1.018	NA	4	22	14.929
2	R.DISDKLQEMDFK.L	0	1468.69879	0.2872	0.309	0.0253	734.857	1.02478	1.0234	NA	4	21	10.578
3	K.ISDFGTSK(42.010565)ELSDK.S	0	1468.71655	0.3377	0.2872	6.0E-4	734.857	1.02478	1.0426	NA	6	23	9.814
4	R.IDSLM(15.994915)DEISFLK(42.010565).K	0	1468.72394	0.4786	0.2261	0.0514	734.857	1.02478	1.0188	NA	4	21	7.679

Protein: PODKX0 Low Quality

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.FISNPQLGSLTEIAK.Q Scan number: 148143 Calculated M+H: 1617.8846 Measured M+H: 1617.8809 Charge state: 2 File name: a754afeo-1bf2-4f7a-ae8d-d6685dcfd099_1655403527 search type: light



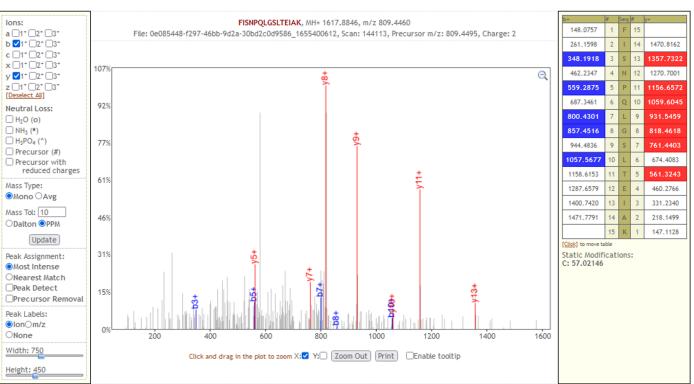
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIM Score	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.FISNPQLGSLTEIAK.Q	0	1617.88464	0.0	3.158	0.1003	809.4491	1.13703	1.0684	NA	15	25	40.732
2	K.IYSVNLQKQPWNK.M	0	1617.87474	0.6426	1.1285	0.6969	809.4491	1.13703	1.0905	NA	5	22	14.412
3	K.FNLSPPSICKVLDK.P	0	1617.86687	0.7767	0.7052	0.4298	809.4491	1.13703	1.0834	NA	4	24	8.921
4	R.PQVHINMLYYVIK.S	0	1617.88212	0.813	0.5906	0.9939	809.4491	1.13703	1.0972	NA	6	21	7.438

Protein: Q5EBN2 High Quality

Project name: 2224001 Sample name: HPP_CSnaives_Tampon_Lyse_Slot1_11_1_4632 Created date: 2022-06-16 17:30:20.0 Search name: Activation type: CID

Peptide sequence: K.FISNPQLGSLTEIAK.Q Scan number: 144113 Calculated M+H: 1617.8846 Measured M+H: 1617.8917 Charge state: 2 File name: 0e085448-f297-46bb-9d2a-30bd2c0d9586_1655400612 search type: light



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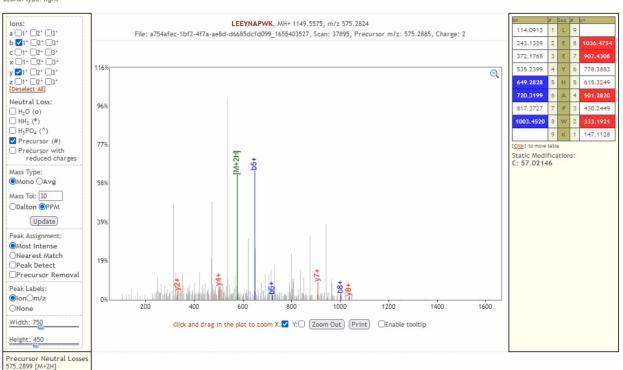
Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.FISNPQLGSLTEIAK.Q	0	1617.88464	0.0	2.8581	0.1258	809.4495	1.13213	1.0684	NA	14	25	55.064
2	K.FNLSPPSICKVLDK.P	0	1617.86687	0.7676	0.6642	0.4994	809.4495	1.13213	1.0834	NA	4	24	12.622
3	K.IYSVNLQKQPWNK.M	0	1617.87474	0.7961	0.5827	0.7837	809.4495	1.13213	1.0905	NA	5	22	11.046
4	R.PQVHINMLYYVIK.S	0	1617.88212	0.8166	0.5241	0.914	809.4495	1.13213	1.0972	NA	5	20	9.913

Protein: Q5EBN2 High Quality

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Protein: Q5EBN2 Medium/low Quality

Peptide sequence: K.LEEYNAPWK.E Scan number: 37895 Calculated M+H: 1149.5575 Measured M+H: 1149.5698 Charge state: 2 File name: a754afec-1bf2-4f7a-ae8d-d6885dcfd099_1655403527 search type: light

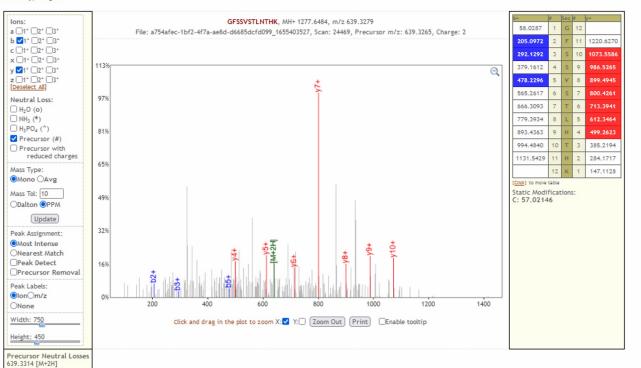


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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIM Score	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched Ions	Expected lons	SP
1	K.LEEYNAPWK.E	0	1149.55748	0.0	0.2372	0.3796	575.2885	0.90525	0.8778	NA	4	14	51.092
2	PSASSVLSNCK.T	0	1149.55684	0.6828	0.0752	0.5127	575.2885	0.90525	0.8746	NA	5	18	16.094
3	K.(42.010585)VFEETK(42.010585)GQK.Y	0	1149.57861	0.7032	0.0704	0.0033	575.2885	0.90525	0.9063	NA	3	16	15.046
4	K.(42.010565)EIM(15.994915)LKNDTK.V	0	1149.58197	1.0	0.0	NA	575.2885	0.90525	NA	NA	2	16	-0.165

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.GFSSVSTLNTHK.A Scan number: 24489 Calculated M+H: 1277.6484 Measured M+H: 1277.6456 Charge state: 2 File name: a754afeo-1bf2-4f7a-ae8d-d66856dcfd099_1655403527 search type: light



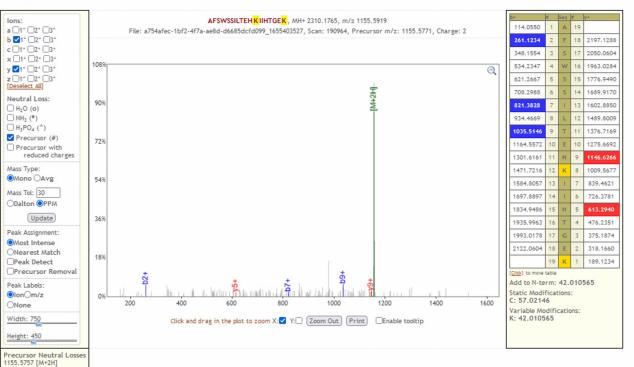
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched Ions	Expected lons	SP
1	K.GFSSVSTLNTHK.A	0	1277.64844	0.0	1.4448	0.3124	639.3265	0.99354	0.9693	NA	8	19	80.497
2	R.GFHFTVDGNKR.A	0	1277.63855	0.7665	0.3374	0.6378	639.3265	0.99354	0.961	NA	3	17	18.616
3	R.LAPPAPEESNPR.G	0	1277.64843	0.8694	0.1887	0.0401	639.3265	0.99354	0.9224	NA	4	20	10.306
4	K.THFIITNMMK(42.010565).G	0	1277.63806	0.9504	0.0716	0.7957	639.3265	0.99354	0.9578	NA	4	17	3.764

Protein: Q8N7Q3 High Quality

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_463 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.(42.010565)AFSWSSILTEHK(42.010565)IHTGEK(42.010565).P Scen number: 190964 Calculated M+H: 2310.1765 Measured M+H: 2310.147 Charge state: 2 File name: a754afeo-1bf2-4f7a-ae8d-d6685ddd099_1655403527 search type: light



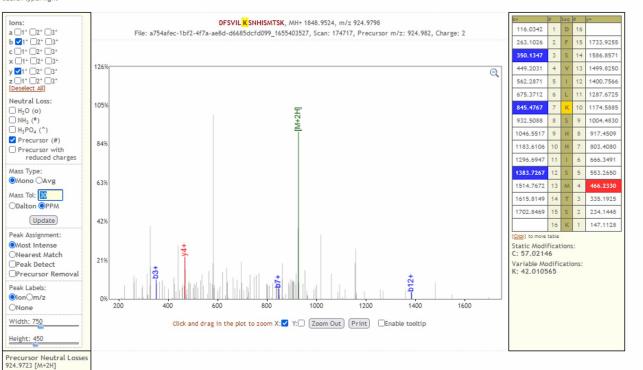
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIM Score	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.(42.010565)AFSWSSILTEHK(42.010565)IIHTGEK(42.010565).P	0	2310.17645	0.0	0.2967	0.0014	1155.5771	1.31729	1.3432	NA	5	23	27.983
2	K.DAFDRNPELQNLLLDDFFK.S	0	2310.14007	0.2162	0.2326	0.7649	1155.5771	1.31729	1.2837	NA	5	23	21.909
3	K.(42.010585)MFSGTANLK(42.010585)IHQNIHSEEK(42.010585).P	0	2310.11829	0.8777	0.0363	0.0221	1155.5771	1.31729	1.3245	NA	5	24	3.325
4	R.(42.010565)SAGVIDSIFTPWHKPWEQK(42.010565).L	0	2310.15533	0.9465	0.0159	0.0136	1155.5771	1.31729	1.3282	NA	4	23	1.393

Protein: Q8N7Q3 Low Quality

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.DFSVILK(42.010565)SNHISMTSK.V Scan number: 174717 Calculated M+H: 1848.9524 Measured M+H: 1848.9567 Charge state: 2 File name: a754afeo-1bf2-4f7a-ae8d-d66855dcfd099_1655403527 search type: light



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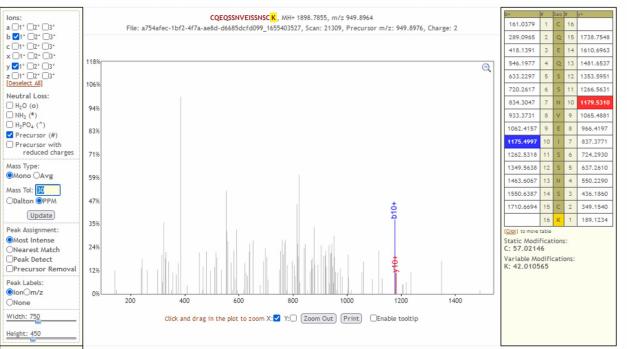
Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIM Score	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched Ions	Expected lons	SP
1	K.DFSVILK(42.010565)SNHISMTSK.V	0	1848.95239	0.0	0.4648	0.2566	924.982	1.22315	1.205	NA	4	26	17.912
2	R.GFTEFLVCRPGLDAPK(42.010565).T	0	1848.93127	0.403	0.2775	0.751	924.982	1.22315	1.1774	NA	3	26	10.615
3	R.(42.010565)PIDSFETIPLIPSAHK(42.010565).F	0	1848.97417	0.4388	0.2608	0.719	924.982	1.22315	1.1766	NA	3	27	9.966
4	R.IENTLPAMSVLLTYNK(42.010565).N	0	1848.97753	0.6226	0.1754	0.2689	924.982	1.22315	1.1625	NA	2	27	6.639

Protein: A4D1E1 Low Quality

Project name: 2224001

Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.CQEQSSNVEISSNSCK(42.010585).S Scan number: 21309 Calculated M+H: 1898.7854 Measured M+H: 1898.7878 Charge state: 2 File name: a754sfec-1bf2-4f7a-ae8d-d6685dcfd099_1655403527 search type: light



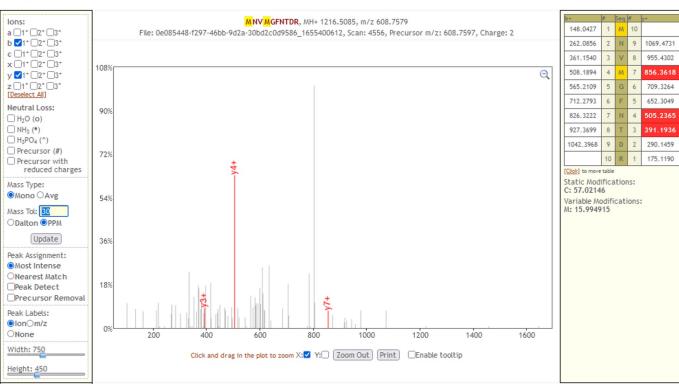
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.CQEQSSNVEISSNSCK(42.010565).S	0	1898.78546	0.0	0.2166	0.1992	949.8976	1.13201	1.1148	NA	2	26	70.928
2	K.ICEQGMNAWSNGSMWK.R	0	1898.79823	0.8241	0.0381	0.2945	949.8976	1.13201	1.1107	NA	1	24	12.097
3	K.(42.010585)NHAGSPGCEESDAGK(42.010585)EK(42.010585).L	0	1898.78209	1.0	0.0	NA	949.8976	1.13201	NA	NA	0	27	-0.454
4	K.(42.010585)GNECFQK(42.010585)GDYPQAMK(42.010585).H	0	1898.80475	1.0	0.0	NA	949.8976	1.13201	NA	NA	0	21	-0.454

Protein: A4D1E1 Low Quality

Project name: 2224001 Sample name: HPP_CSnaives_Tampon_Lyse_Slot1_11_1_4632 Created date: 2022-06-16 17:30:20.0 Search name: Activation type: CID

Peptide sequence: -.M(15.994915)NVM(15.994915)GFNTDR.L Scan number: 4556 Calculated M+H: 1216.5085 Measured M+H: 1216.5121 Charge state: 2 File name: 0e085448-f297-46bb-9d2a-30bd2c0d9586_1655400612 search type: light



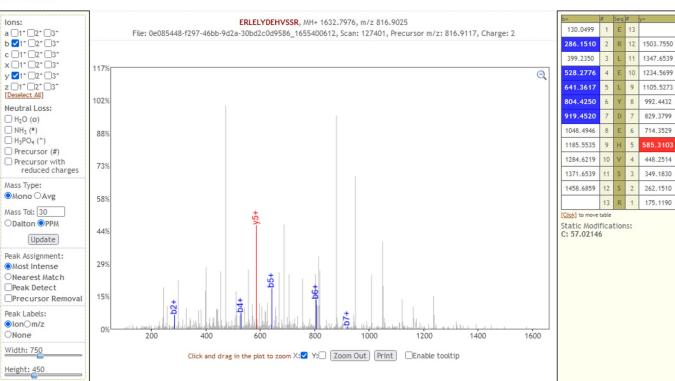
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	M(15.994915)NVM(15.994915)GFNTDR.L	0	1216.50851	0.0	0.4447	0.0096	608.7597	0.89008	0.8887	NA	3	18	13.57
2	K.(42.010565)EGWK(42.010565)CHCR.N	0	1216.49861	0.1536	0.3764	0.0	608.7597	0.89008	0.9129	NA	2	14	11.458
3	R.SM(15.994915)RNESM(15.994915)SSR.L	0	1216.50447	0.2721	0.3237	0.0018	608.7597	0.89008	0.8959	NA	4	16	9.829
4	R.AYGAMTCTDGK(42.010565).L	0	1216.49727	0.6895	0.1381	0.0	608.7597	8008.0	0.9123	NA	3	18	4.09
1													

Protein: PODJD0 Low Quality

Project name: 2224001 Sample name: HPP_CSnaives_Tampon_Lyse_Slot1_11_1_4632 Created date: 2022-06-16 17:30:20.0 Search name: Activation type: CID

Peptide sequence: R.ERLELYDEHVSSR.S Scan number: 127401 Calculated M+H: 1632.7976 Measured M+H: 1632.816 Charge state: 2 File name: 0e085448-f297-46bb-9d2a-30bd2c0d9586_1655400612 search type: light



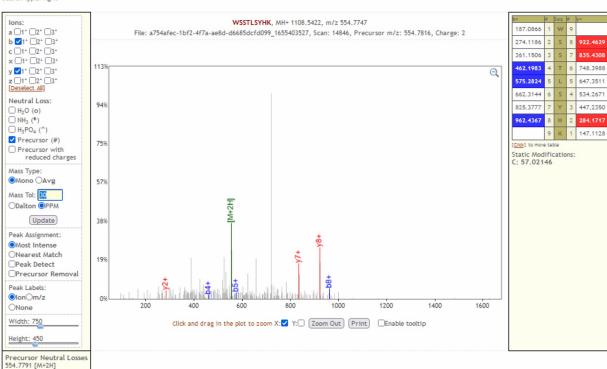
Show FullScreen

Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	R.ERLELYDEHVSSR.S	0	1632.79758	0.0	0.39	0.9119	816.9117	1.09206	1.0534	NA	6	18	14.387
2	R.(42.010565)VGADVTFFK(42.010565)QATHK.L	0	1632.83803	0.1098	0.3472	0.0	816.9117	1.09206	1.1453	NA	4	18	12.793
3	K.LEVGADNLSIEESTR.S	0	1632.80749	0.1601	0.3276	0.665	816.9117	1.09206	1.0479	NA	3	22	12.062
4	R.(42.010565)SLTLTKM(15.994915)NTHICR.A	0	1632.81959	0.2352	0.2983	0.0047	816.9117	1.09206	1.1031	NA	5	19	10.972

Medium Quality

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.WSSTLSYHK.K Scan number: 14846 Calculated M+H: 1108.5421 Measured M+H: 1108.5559 Charge state: 2 File name: a754afeo-1bf2-4f7a-ae8d-d6685dcfd099_1655403527 search type: light



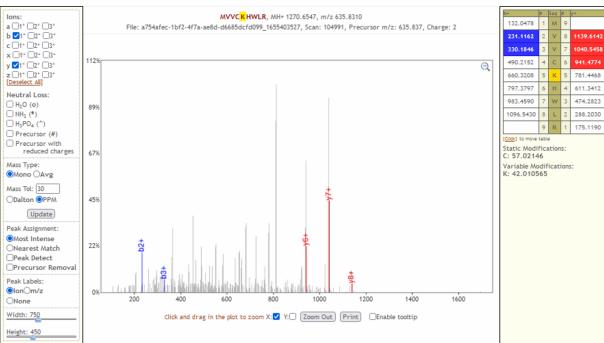
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Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIM Score	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched Ions	Expected lons	SP
1	K.WSSTLSYHK.K	0	1108.54217	0.0	0.3989	0.3293	554.7816	0.89762	0.8714	NA	7	16	33.732
2	K.WMADK(42.010565)LFR.A	0	1108.5608	0.3848	0.2535	0.0	554.7816	0.89762	0.9185	NA	4	14	21.388
3	K.SVSENETSKK.N	0	1108.54803	0.828	0.0686	0.8217	554.7816	0.89762	0.861	NA	3	16	5.699
4	K.SWNNSLLM(15.994915)K.I	0	1108.54555	0.9624	0.015	0.6716	554.7816	0.89762	0.8638	NA	3	14	1.147

Protein: 043345 Medium Quality

Project name: 2224001 Sample name: HPP_CSnaives_Trypsine_Slot1_10_1_4630 Created date: 2022-06-16 18:18:54.0 Search name: Activation type: CID

Peptide sequence: K.MVVCK(42.010665)HWLR.G Scan number: 104991 Calculated M+H: 1270.6547 Measured M+H: 1270.6566 Charge state: 2 File name: a754afec-1bf2-4f7a-ae8d-d06855ddf099_1655403527 search type: light



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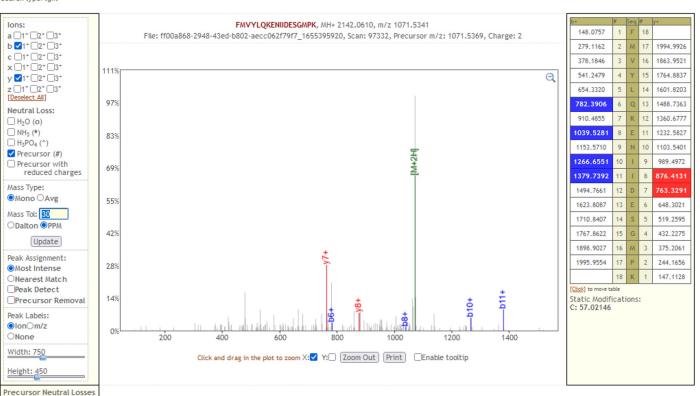
Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIM Score	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.MVVCK(42.010585)HWLR.G	0	1270.65471	0.0	0.2428	0.0338	635.837	0.99199	0.9847	NA	5	14	38.258
2	R.QLRVSHGCVSK.I	0	1270.66845	0.3868	0.1487	0.5223	635.837	0.99199	0.9425	NA	4	17	22.184
3	R.QNQREAHFIK.R	0	1270.66509	1.0	0.0	0.4681	635.837	0.99199	0.9412	NA	1	15	-0.117
4	R.LQHEM(15.994915)ELKAR.L	0	1270.6572	1.0	0.0	NA	635.837	0.99199	NA	NA	1	15	-0.117

Protein: A6NMK7 Medium Quality

• hTSCs

Project name: 2224001 Sample name: 364_C_HPP_SCT_TamponLyse_Slot1_10_1_4751 Created date: 2022-06-16 16:12:07.0 Search name: Activation type: CID

Peptide sequence: K.FMVYLQKENIIDESGMPK.E Scan number: 97332 Calculated M+H: 2142.061 Measured M+H: 2142.0664 Charge state: 2 File name: ff00a868-2948-43ed-b802-aecc062f79f7_1655395920 search type: light



1071.5322 [M+2H]

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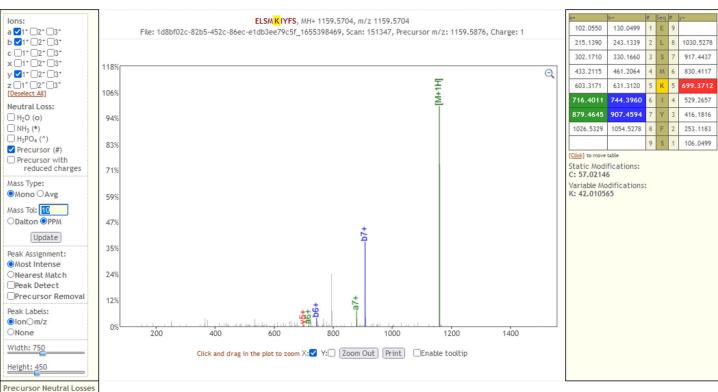
Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.FMVYLQKENIDESGMPK.E	0	2142.06094	0.0	1.2034	0.0014	1071.5369	1.24594	1.2762	NA	6	25	41.772
2	K.PSMSPQAKIAQQIAANMADK(42.010565).D	0	2142.06818	0.6269	0.449	0.0081	1071.5369	1.24594	1.2655	NA	5	26	15.45
3	R.VDPWYQSNVNTLCPAIHK.L	0	2142.04367	0.7693	0.2776	0.2313	1071.5369	1.24594	1.2372	NA	3	24	9.471
4	R.(42.010565)DAIEELYLETQVDVHK(42.010565)R.G	0	2142.07129	0.8474	0.1836	0.0	1071.5369	1.24594	1.2984	NA	2	23	6.189

Protein: A0A087X0M5 LOW Quality

Project name: 2224001

Sample name: 364 C_HPP_TSC_Trypsine_Slot1_12_1_4682 Created date: 2022-06-16 16:54:37.0 Search name: Activation type: CID

Peptide sequence: K.ELSMK(42.010565)IYFS.-Scan number: 151347 Calculated M+H: 1159.5703 Measured M+H: 1159.5876 Charge state: 1 File name: 1d8bf02c-82b5-452c-86ec-e1db3ee79c5f_1655398469 search type: light



1159.5791 [M+1H] Show FullScreen

Rank By Corer	Sequence	Rank By Sp	Calculated Mass	DeltaCN	XCorr	TIMScore	Measured m/z	Measured 1/K0	Predicted 1/K0	Corrected 1/K0	Matched lons	Expected lons	SP
1	K.ELSMK(42.010565)IYFS	0	1159.57035	0.0	0.7881	NA	1159.5876	1.40785	NA	NA	5	14	12.047
2	K.SNTSK(42.010565)PNTVK(42.010565).S	0	1159.59533	0.2788	0.5683	NA	1159.5876	1.40785	NA	NA	4	17	8.609
3	R.PLYDPDANVR.G	0	1159.5742	0.3794	0.4891	NA	1159.5876	1.40785	NA	NA	6	17	7.369
4	R.PISKCQAEAR.R	0	1159.5888	0.4162	0.46	NA	1159.5876	1.40785	NA	NA	6	17	6.914

Protein: Q8NGP6 LOW Quality