

Supplemental Data 1. List of peaks identified by nanoLC-MS/MS for the novel 10 Cc-targets.

1. tr|O22957|O22957_ARATH (APOPTOSIS INHIBITORY 5)

Mass: **61948**

Score: **47**

Percentage of coverage: **1.9**

Queries matched: 1

OS=Arabidopsis thaliana

GN=**AT2G34040**

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
626.7611	1251.5077	2+	1251.7802	-0.2725	0	47	0.0035	1	R.QLLPSIVELLK.I

2. tr|Q0WQY6|Q0WQY6_ARATH (HYDROXYACYLGLUTATHIONE HYDROLASE)

Mass: **29173**

Score: **62**

Percentage of coverage: **8.5**

Queries matched: 1

OS=Arabidopsis thaliana

GN=**AT3G10850**

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1265.8704	2529.7262	2+	2530.2261	-0.4999	0	62	8.7e-005	1	R.QADLPTIPSTLEEELETNPFMR.V

3. tr|Q0WVE7|Q0WVE7_ARATH (GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE C SUBUNIT)

Mass: **37005**

Score: **100**

Percentage of coverage: **2.9**

Queries matched: 1

OS=Arabidopsis thaliana

GN=**AT3G04120**

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
749.7512	1497.4878	2+	1497.8402	-0.3525	0	100	1.4e-008	1	R.VPTVDVSVVDLTVR.I

4. tr|Q8LAP5|Q8LAP5_ARATH (PUTATIVE TRANSLATION INITIATION FACTOR eIF-2, GAMMA SUBUNIT)

Mass: **51406**

Score: **45**

Percentage of coverage: **5.1**

Queries matched: 2

OS=Arabidopsis thaliana

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
693.6886	1385.3626	2+	1385.7489	-0.3863	0	29	0.15	1	R.NFVSPNMIVIR.S
757.8344	1513.6542	2+	1513.7486	-0.0945	0	45	0.0042	1	K.YNIDVVCEYIVK.K

5. tr|Q9CA59|Q9CA59_ARATH (PUTATIVE SET PROTEIN, PHOSPHATASE 2A INHIBITOR)

Mass: **29398**

Score: **404**

Percentage of coverage: **11.7**

Queries matched: 9

OS=Arabidopsis thaliana

GN=**AT1G74560**

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
623.6304	1245.2462	2+	1245.6088	-0.3626	0	9	7.3	3	K.ASDEVLEVEQK.Y
1079.2682	2156.5218	2+	2157.0688	-0.5470	0	94	6.6e-008	1	K.GEEENLEQIDAELVLSIEK.L

6. tr|Q9SY09|Q9SY09_ARATH (SMALL NUCLEAR RIBOPROTEIN Sm-D1)

Mass: **12742**

Score: **96**

Percentage of coverage: **17.2**

Queries matched: 3

OS=Arabidopsis thaliana

GN=**AT4G02840**

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
1182.3691	2362.7236	2+	2363.2260	-0.5024	0	100	1.7e-008	1	R.YYILPDSLNLLETLLVEDTPR.V

7. tr|Q8L773|Q8L773_ARATH (TRANSCRIPTIONAL COACTIVATOR-LIKE PROTEIN)

Mass: **25740**

Score: **186**

Percentage of coverage: **9.4**

Queries matched: 3

OS=Arabidopsis thaliana

GN=**AT5G59950**

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
585.2010	584.1937	1+	584.3030	-0.1093	0	9	9	1	R.GGAGPAR.G
943.7587	1885.5029	2+	1885.9131	-0.4102	0	111	1.1e-009	1	K.LYISNLDYGVNEDIK.E

8. sp|P43297|RD21A_ARATH (CYSTEINE PROTEINASE RD21A)

Mass: **52131**

Score: **34**

Percentage of coverage: **3.4**

Queries matched: 1

OS=Arabidopsis thaliana

GN=RD21A

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
795.6644	1589.3143	2+	1588.8685	0.4458	0	34	0.035	1	K.AVAHQPISIAIEAGGR.A

9. sp|Q9LKR3|BIP1_ARATH (LUMINAL-BINDING PROTEIN 1)

Mass: **73869**

Score: **47**

Percentage of coverage: **2.1**

Queries matched: 1

OS=Arabidopsis thaliana

GN=**AT5G28540**

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
737.3730	1472.7315	2+	1472.7834	-0.0520	0	47	0.0027	1	K.SQIDEIVLVGGSTR.I

10. sp|Q39043|BIP2_ARATH (LUMINAL-BINDING PROTEIN 2)

Mass: **73801**

Score: **47**

Percentage of coverage: **2.1**

Queries matched: 1

OS=Arabidopsis thaliana

GN=**AT5G42020**

Observed	Mr(expt)	Precursor charge	Mr(calc)	Delta	Miss	Score	Expect	Rank	Peptide
737.3730	1472.7315	2+	1472.7834	-0.0520	0	47	0.0027	1	K.SQIDEIVLVGGSTR.I