Table S4. Peptides Derived from Protein Internal Cleavages Identified by N-CLAP Approach in Jurkat T-Cells

<table>
<tr><th>#</th><th>z</th><th>Score</th><th>Fwd-Rev Score</th><th>SPI %</th><th>N-terminal Modification</th><th>Start AA Position</th><th>Sequence Map</th><th>Modification</th><th>m/z Measured (Da)</th><th>MH$^+$ Matched (Da)</th><th>MH$^+$ Mass Shift (Da)</th><th>MH$^+$ Error (ppm)</th><th>Protein MW (Da)</th><th>Accession #</th><th>Protein Name</th><th>4 AAs Before Cleavage</th><th>Cleavage Site</th><th>Sample</th><th>Refs. Reported</th><th>Site Report (Y/N)</th></tr>
<tr><td>1</td><td>2</td><td>13.07</td><td>8.82</td><td>62.9</td><td>HSCH$_2$CH$_2$CO-</td><td>8</td><td>(R)K|F|L/P/L/FD/R(V)</td><td>K:PITC</td><td>629.8192</td><td>1258.611</td><td>0.02</td><td>15.9</td><td>10931.7</td><td>P61604</td><td>10 kDa heat shock protein, mitochondrial</td><td>GQAF</td><td>6</td><td>treated</td><td>1, 2</td><td>N</td></tr>
<tr><td>2</td><td>2</td><td>13.46</td><td>4.59</td><td>76.8</td><td>HSCH$_2$CH$_2$CO-</td><td>127</td><td>(C)N|G|Y|L/QSR(Y)</td><td></td><td>463.2093</td><td>925.42</td><td>-0.0083</td><td>-9</td><td>29458.7</td><td>P18405</td><td>3-oxo-5-alpha-steroid 4-dehydrogenase 1</td><td>MFCT</td><td>125</td><td>both</td><td>N</td><td>N</td></tr>
<tr><td>3</td><td>2</td><td>19.22</td><td>19.22</td><td>91.1</td><td>HSCH$_2$CH$_2$CO-</td><td>42</td><td>(L)QGVD\L\L|A|D\A|V\A|V|T/M/G/PK/G/R(T)</td><td>K:PITC</td><td>1061.0093</td><td>2121.029</td><td>-0.0176</td><td>-8.3</td><td>61055</td><td>P10809</td><td>60 kDa heat shock protein, mitochondrial precursor</td><td>RALM</td><td>40</td><td>both</td><td>1</td><td>N</td></tr>
<tr><td>4</td><td>2</td><td>11.21</td><td>11.21</td><td>75.6</td><td>HSCH$_2$CH$_2$CO-</td><td>146</td><td>(K)L\A\T|Q|L|T|G/PVM/PVR(N)</td><td></td><td>735.8974</td><td>1470.781</td><td>0.0068</td><td>4.6</td><td>24261.6</td><td>P26373</td><td>60S ribosomal protein L13</td><td>AEEL</td><td>144</td><td>vehicle</td><td>N</td><td>N</td></tr>
<tr><td>5</td><td>2</td><td>19.22</td><td>7.34</td><td>82.9</td><td>HSCH$_2$CH$_2$CO-</td><td>167</td><td>(R)I|A|L/T|D/N/A|L/I/A/R(S)</td><td></td><td>629.8475</td><td>1258.682</td><td>0.0053</td><td>4.2</td><td>29225.9</td><td>P18124</td><td>60S ribosomal protein L7</td><td>INKK</td><td>165</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>6</td><td>2</td><td>18.31</td><td>9.65</td><td>86.1</td><td>HSCH$_2$CH$_2$CO-</td><td>168</td><td>(I)A/L|T/D/N\A|L/I/A/R(S)</td><td></td><td>573.2995</td><td>1145.598</td><td>-0.0066</td><td>-5.8</td><td>29225.9</td><td>P18124</td><td>60S ribosomal protein L7</td><td>NKKR</td><td>166</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>7</td><td>3</td><td>10.27</td><td>10.27</td><td>60.2</td><td>HSCH$_2$CH$_2$CO-</td><td>206</td><td>(T)Q\VNSEDKGALAK/L/V/E/A/I/R(T)</td><td>K:PITC</td><td>767.0396</td><td>2299.103</td><td>0.0011</td><td>0.5</td><td>29995.8</td><td>P62424</td><td>60S ribosomal protein L7a</td><td>TVAF</td><td>204</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>8</td><td>2</td><td>12.57</td><td>12.57</td><td>78.8</td><td>HSCH$_2$CH$_2$CO-</td><td>300</td><td>(N)VL\S/GG\T|T/M/Y/PGI/ADR(M)</td><td></td><td>813.401</td><td>1625.766</td><td>0.0285</td><td>17.6</td><td>42009.2</td><td>P62736</td><td>Actin, aortic smooth muscle</td><td>LYAN</td><td>298</td><td>vehicle</td><td>1</td><td>N</td></tr>
<tr><td>9</td><td>3</td><td>10.63</td><td>10.63</td><td>67.5</td><td>HSCH$_2$CH$_2$CO-</td><td>161</td><td>(T)H\T\V/PIYEGY/A/L/PHAILR(L)</td><td></td><td>680.0301</td><td>2038.058</td><td>0.0179</td><td>8.8</td><td>41737</td><td>P60709</td><td>Actin, cytoplasmic 1</td><td>GDGV</td><td>159</td><td>vehicle</td><td>1, 2, 3</td><td>N</td></tr>
<tr><td>10</td><td>2</td><td>14.68</td><td>11.5</td><td>79.9</td><td>HSCH$_2$CH$_2$CO-</td><td>295</td><td>(Y)ANT\V|L|S|G/GT/TM/Y/PGI/AD/R(M)</td><td></td><td>956.4683</td><td>1911.894</td><td>0.0354</td><td>18.5</td><td>41737</td><td>P60709</td><td>Actin, cytoplasmic 1</td><td>RKDL</td><td>293</td><td>vehicle</td><td>1, 2, 3</td><td>N</td></tr>
<tr><td>11</td><td>4</td><td>19.29</td><td>10.35</td><td>78.6</td><td>HSCH$_2$CH$_2$CO-</td><td>102</td><td>(R)YSPHLLANSKVE\PI\PWNQAEGDLTPDEVV/A/L/V/G/Q/G/L/Q/EGE/R(D)</td><td>K:PITC</td><td>1170.5741</td><td>4679.255</td><td>0.0201</td><td>4.3</td><td>40764.7</td><td>P00813</td><td>Adenosine deaminase</td><td>YVEV</td><td>100</td><td>vehicle</td><td>1, 2</td><td>N</td></tr>
<tr><td>12</td><td>2</td><td>15.15</td><td>15.15</td><td>69.5</td><td>HSCH$_2$CH$_2$CO-</td><td>5</td><td>(S)V/P\A|A|E/PE/Y/PK/GIR(A)</td><td>K:PITC</td><td>825.3979</td><td>1649.781</td><td>0.0071</td><td>4.3</td><td>26477.9</td><td>P54819</td><td>Adenylate kinase isoenzyme 2, mitochondrial</td><td>(-)MAP</td><td>3</td><td>treated</td><td>1</td><td>Y</td></tr>
<tr><td>13</td><td>2</td><td>17.10</td><td>6.88</td><td>84.8</td><td>HSCH$_2$CH$_2$CO-</td><td>366</td><td>(W)G/V|M|V/S/H/R(S)</td><td></td><td>437.2086</td><td>873.407</td><td>0.003</td><td>3.4</td><td>47169.2</td><td>P06733</td><td>Alpha-enolase</td><td>QANG</td><td>364</td><td>treated</td><td>1, 2</td><td>N</td></tr>
<tr><td>14</td><td>2</td><td>13.74</td><td>5.38</td><td>78.8</td><td>HSCH$_2$CH$_2$CO-</td><td>729</td><td>(R)AV|F/P/S/IVG/R(P)</td><td></td><td>517.2773</td><td>1033.55</td><td>-0.0026</td><td>-2.5</td><td>121364.2</td><td>Q6S8J3</td><td>ANKRD26-like family C member 1A</td><td>DDAP</td><td>727</td><td>both</td><td>1</td><td>N</td></tr>
<tr><td>15</td><td>3</td><td>10.06</td><td>10.06</td><td>52.8</td><td>HSCH$_2$CH$_2$CO-</td><td>787</td><td>(W)HHTF|Y/NE/L/R(V)</td><td></td><td>435.5338</td><td>1304.584</td><td>0.0028</td><td>2.1</td><td>121364.2</td><td>Q6S8J3</td><td>ANKRD26-like family C member 1A</td><td>MEKI</td><td>785</td><td>treated</td><td>1</td><td>N</td></tr>
<tr><td>16</td><td>2</td><td>19.49</td><td>13.86</td><td>91.9</td><td>HSCH$_2$CH$_2$CO-</td><td>940</td><td>(S)Y\E|L|PDGQ/V|I/T/I/G/NER(F)</td><td></td><td>896.4328</td><td>1791.858</td><td>0.0001</td><td>0.1</td><td>121364.2</td><td>Q6S8J3</td><td>ANKRD26-like family C member 1A</td><td>SLEK</td><td>938</td><td>treated</td><td>1</td><td>N</td></tr>
<tr><td>17</td><td>4</td><td>11.76</td><td>11.76</td><td>65.9</td><td>HSCH$_2$CH$_2$CO-</td><td>500</td><td>(R)ILIS/L/A/T/GHREEGGE\N\L/D/QA/R(E)</td><td></td><td>592.5515</td><td>2367.172</td><td>0.012</td><td>5.1</td><td>75873.7</td><td>P08133</td><td>Annexin A6</td><td>GHFR</td><td>498</td><td>vehicle</td><td>N</td><td>N</td></tr>
<tr><td>18</td><td>2</td><td>21.31</td><td>11.11</td><td>96.7</td><td>HSCH$_2$CH$_2$CO-</td><td>164</td><td>(I)V/P\I|Y/E/G|Y\A/L/PHAIL/R(L)</td><td></td><td>900.4855</td><td>1799.951</td><td>0.0124</td><td>6.9</td><td>42003.4</td><td>Q562R1</td><td>Beta-actin-like protein 2</td><td>GVTH</td><td>162</td><td>both</td><td>N</td><td>N</td></tr>
<tr><td>19</td><td>3</td><td>10.27</td><td>3.92</td><td>61.7</td><td>HSCH$_2$CH$_2$CO-</td><td>169</td><td>(R)DVFHTT\V\N\F|I/N/QNL/R(T)</td><td></td><td>635.9855</td><td>1905.928</td><td>0.0144</td><td>7.5</td><td>21994.8</td><td>P55957</td><td>BH3-interacting domain death agonist</td><td>PSLL</td><td>167</td><td>vehicle</td><td>N</td><td>N</td></tr>
<tr><td>20</td><td>3</td><td>15.21</td><td>15.21</td><td>78.5</td><td>HSCH$_2$CH$_2$CO-</td><td>62</td><td>(I)LGG\V|I\SAI\SEAAAQ/Y/N/PE/P/PPPR(T)</td><td></td><td>808.0752</td><td>2422.207</td><td>0.0039</td><td>1.6</td><td>28315.9</td><td>P04632</td><td>Calpain small subunit 1</td><td>TAMR</td><td>60</td><td>both</td><td>N</td><td>N</td></tr>
<tr><td>21</td><td>2</td><td>18.11</td><td>5.18</td><td>89.8</td><td>HSCH$_2$CH$_2$CO-</td><td>112</td><td>(L)L|V|G|T/Q/I/D/L/R(D)</td><td></td><td>551.7977</td><td>1102.593</td><td>-0.0044</td><td>-4</td><td>21310.7</td><td>P60953</td><td>Cell division control protein 42 homolog precursor</td><td>KTPF</td><td>110</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>22</td><td>3</td><td>10.37</td><td>10.37</td><td>55.4</td><td>HSCH$_2$CH$_2$CO-</td><td>22</td><td>(K)V\E|E|A|E/PEEFVVEKVLDRR(V)</td><td>K:PITC</td><td>799.3807</td><td>2396.126</td><td>0.0015</td><td>0.6</td><td>20811.5</td><td>Q13185</td><td>Chromobox protein homolog 3</td><td>GKSK</td><td>20</td><td>treated</td><td>1, 4</td><td>Y</td></tr>
</table>

23	3	19.80	7.87	95.8	$HSCH_2CH_2CO$-	156	(S)V|A|E/E/A/AD/RH/PE/R(R)		489.8939	1467.665	0.0026	1.8	25835.4	Q96CT7	Coiled-coil domain-containing protein 124	IAVL	154	both	1	Y
24	3	14.86	5	76.4	$HSCH_2CH_2CO$-	157	(V)A|E/E/A/AD/RH/PE/R(R)		456.8726	1368.596	0.0072	5.2	25835.4	Q96CT7	Coiled-coil domain-containing protein 124	AVLS	155	treated	1	N
25	3	15.17	15.17	75.2	$HSCH_2CH_2CO$-	89	(S)H\TD\IK\V/P/D/F/SE/Y/R(R)	K:PITC	610.6085	1829.799	0.0124	6.8	30815.5	P0C7P4	Cytochrome b-c1 complex subunit Rieske-like protein 1	SVCY	87	both	1	N
26	3	12.02	3.32	56.8	$HSCH_2CH_2CO$-	28	(S)QGWVLPEGKIVPNTV|F/V|G/GIDA/R(M)	K:PITC	892.4586	2675.347	0.014	5.2	82764.9	Q9NQZ3	Deleted in azoospermia protein 1	SAAA	26	vehicle	N	N
27	2	13.31	6.7	82.4	$HSCH_2CH_2CO$-	45	(S)NI|P/F/ITV/PLSR(T)		672.8709	1344.734	0.0001	0.1	87302.8	P54886	Delta-1-pyrroline-5-carboxylate synthetase	VRSW	43	both	1	Y
28	3	15.17	7.17	78.6	$HSCH_2CH_2CO$-	533	(R)NLHQSGF\S\LS/GA/Q/I|D/D/NI|PR(R)		753.0311	2257.067	0.0121	5.4	62294	Q16555	Dihydropyrimidinase-related protein 2	APPV	531	both	1	N
29	3	15.80	15.8	65.1	$HSCH_2CH_2CO$-	230	(R)ETS/S/D/V/A/L/A/SH/I/LTAL/R(E)		624.6575	1871.953	0.0048	2.6	36522.1	O00273	DNA fragmentation factor subunit alpha	TGIS	228	vehicle	N	N
30	3	13.01	2.51	50.7	$HSCH_2CH_2CO$-	264	(R)IAQPGDHVSV/T/GI/F/L/PIL/R(T)		707.7188	2121.153	-0.0107	-5	81308.4	P33993	DNA replication licensing factor MCM7	GENT	262	vehicle	N	N
31	2	23.33	13.03	91.8	$HSCH_2CH_2CO$-	269	(K)D/G|V|PE/GA/QL/Q/G/PV/H/R(N)		824.4014	1647.791	0.0048	2.9	40090.1	P16989	DNA-binding protein A	IGEM	267	vehicle	1, 3	N
32	2	13.78	13.78	72.1	$HSCH_2CH_2CO$-	92	(K)ED\Y|Y|Q/I/L/G/V/P/R(N)		720.8533	1440.683	0.0165	11.5	52538.1	Q96EY1	DnaJ homolog subfamily A member 3, mitochondrial precursor	APLA	90	both	N	N
33	4	11.29	11.29	70.5	$HSCH_2CH_2CO$-	88	(R)IGPEPTTDSFIAVMHGPTEG\V\V|PGNA/L/VVD/P/R(R)		840.919	3360.66	-0.0061	-1.8	60627.2	Q9H4M9	EH domain-containing protein 1	FPGM	86	vehicle	N	N
34	2	11.70	11.7	68.7	$HSCH_2CH_2CO$-	412	(C)VES|F/S/D/Y/PPL/GR(F)		727.8384	1454.662	0.0075	5.1	50141.1	P68104	Elongation factor 1-alpha 1	GKPM	410	vehicle	1, 2	N
35	2	14.89	3.15	82.2	$HSCH_2CH_2CO$-	417	(S)D/Y/P/P/L/G/R(F)		453.2153	905.419	0.0048	5.3	50141.1	P68104	Elongation factor 1-alpha 1	VESF	415	vehicle	1, 2	N
36	3	14.81	6.4	75.6	$HSCH_2CH_2CO$-	39	(F)EAVSS/P/P/PADL/CHAL/R(W)		584.2809	1750.825	0.003	1.7	24763.9	P24534	Elongation factor 1-beta	DVAV	37	treated	1, 2	N
37	4	14.58	14.58	69.1	$HSCH_2CH_2CO$-	31	(R)VLSA/P/P/HF/H/F/GQTN/R(T)		449.7252	1795.87	0.0093	5.2	50119.1	P26641	Elongation factor 1-gamma	GAQV	29	both	3	N
38	4	11.42	7.89	73.0	$HSCH_2CH_2CO$-	803	(S)NTG/GQ/A/F/PQCVFDHWQIL/PGD/PFD/NSSRPSQVVAETR(K)		1048.0028	4188.929	0.0603	14.4	95338.7	P13639	Elongation factor 2	ADLR	801	treated	1, 5	N
39	4	14.25	14.25	77.9	$HSCH_2CH_2CO$-	512	(R)FQSSHHPTD\I\T\S\L/D|Q/Y/V/E/R(M)		587.7738	2348.061	0.0122	5.2	92469.3	P14625	Endoplasmin precursor	AKLL	510	both	1, 4	N
40	3	13.48	13.48	75.6	$HSCH_2CH_2CO$-	15	(A)DA\S\K/G/D/D|L/L/PAGTEDYI/HIR(I)	K:PITC	803.7035	2409.085	0.011	4.6	12732.6	P41567	Eukaryotic translation initiation factor 1	FDPF	13	treated	N	N
41	3	19.65	10.18	92.3	$HSCH_2CH_2CO$-	803	(R)LHLSGIDAN/PN\A\L/F|P/PVE/F/PAP/R(G)		854.1137	2560.302	0.0249	9.7	273401	P49327	Fatty acid synthase	AGIG	801	vehicle	N	N
42	4	12.71	12.71	69.0	$HSCH_2CH_2CO$-	2052	(R)VSGQGLHEGHTFE\PAE|F|I/I/D/T/R(D)		632.8132	2528.187	0.0435	17.2	280740.4	P21333	Filamin-A	ASRV	2050	both	1	N
43	2	11.23	2.05	75.0	$HSCH_2CH_2CO$-	1708	(T)A/P/E/PGKYVIT|I|R(F)	K:PITC	783.8786	1566.781	-0.0308	-19.7	290960.7	Q14315	Filamin-C	DIYY	1706	treated	N	N
44	3	11.64	11.64	62.2	$HSCH_2CH_2CO$-	363	(L)FS/LSAAGVT|QELA/ISRRQ/R(R)		726.7262	2178.145	0.0193	8.8	50708.7	O14764	Gamma-aminobutyric acid receptor subunit delta precursor	NAIV	361	vehicle	N	N
45	2	14.49	2.33	79.3	$HSCH_2CH_2CO$-	321	(L)L|A|L|LEAA/L/R(S)		529.3089	1057.607	0.0031	2.9	50509.7	Q6P531	Gamma-glutamyltransferase 6 precursor	AGPE	319	treated	N	N
46	2	19.71	19.71	91.5	$HSCH_2CH_2CO$-	257	(L)L\SGDT|Q/T/D/A|T/S/F/YD/R(V)		882.8773	1764.738	0.0092	5.2	59425.8	P14314	Glucosidase 2 subunit beta precursor	EAQA	255	both	N	N

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<tr><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr>
<tr><td>47</td><td>2</td><td>10.66</td><td>10.66</td><td>68.3</td><td>$HSCH_2CH_2CO$-</td><td>171</td><td>(C)L\D\A|F/PL/L/SAYVGR(L)</td><td></td><td>755.3916</td><td>1509.777</td><td>-0.0011</td><td>-0.7</td><td>23356</td><td>P09211</td><td>Glutathione S-transferase P</td><td>LAPG</td><td>169</td><td>vehicle</td><td>2</td><td>N</td></tr>
<tr><td>48</td><td>3</td><td>11.45</td><td>11.45</td><td>73.4</td><td>$HSCH_2CH_2CO$-</td><td>235</td><td>(R)VPTAN\VS|V/V/D/L/TC/R(L)</td><td></td><td>521.2676</td><td>1561.771</td><td>0.017</td><td>10.9</td><td>36053.4</td><td>P04406</td><td>Glyceraldehyde-3-phosphate dehydrogenase</td><td>GMAF</td><td>233</td><td>vehicle</td><td>4</td><td>N</td></tr>
<tr><td>49</td><td>2</td><td>10.41</td><td>10.41</td><td>55.9</td><td>$HSCH_2CH_2CO$-</td><td>299</td><td>(G)K|L/T/G/M/A/F/R(V)</td><td>K:PITC</td><td>573.7689</td><td>1146.526</td><td>0.0048</td><td>4.2</td><td>44501.4</td><td>O14556</td><td>Glyceraldehyde-3-phosphate dehydrogenase, testis-specific</td><td>PELK</td><td>297</td><td>treated</td><td>2</td><td>N</td></tr>
<tr><td>50</td><td>2</td><td>10.33</td><td>2.98</td><td>59.0</td><td>$HSCH_2CH_2CO$-</td><td>318</td><td>(E)P\V|E|K/A/L/R(D)</td><td>K:PITC</td><td>518.261</td><td>1035.511</td><td>0.0033</td><td>3.2</td><td>70375.4</td><td>P34931</td><td>Heat shock 70 kDa protein 1L</td><td>RGTL</td><td>316</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>51</td><td>2</td><td>13.06</td><td>13.06</td><td>62.2</td><td>$HSCH_2CH_2CO$-</td><td>156</td><td>(S)VM/DA/T/Q/I/A/G/L/N/CL/R(L)</td><td></td><td>796.8985</td><td>1592.759</td><td>0.0304</td><td>19.1</td><td>94300.5</td><td>P34932</td><td>Heat shock 70 kDa protein 4</td><td>AERR</td><td>154</td><td>treated</td><td>1</td><td>N</td></tr>
<tr><td>52</td><td>3</td><td>16.44</td><td>16.44</td><td>79.7</td><td>$HSCH_2CH_2CO$-</td><td>457</td><td>(R)YHTSQSGD\E\M|T|S/L/S/E/Y/V/SR(M)</td><td></td><td>755.657</td><td>2264.943</td><td>0.013</td><td>5.7</td><td>83264.6</td><td>P08238</td><td>Heat shock protein HSP 90-beta</td><td>SELL</td><td>455</td><td>both</td><td>1, 3, 4</td><td>N</td></tr>
<tr><td>53</td><td>3</td><td>19.49</td><td>10.99</td><td>90.2</td><td>$HSCH_2CH_2CO$-</td><td>625</td><td>(K)H|L|E|I|N/PD/H|PI/VETLR(Q)</td><td></td><td>624.3207</td><td>1870.948</td><td>-0.0004</td><td>-0.2</td><td>83264.6</td><td>P08238</td><td>Heat shock protein HSP 90-beta</td><td>MMAK</td><td>623</td><td>treated</td><td>1, 3, 4</td><td>N</td></tr>
<tr><td>54</td><td>2</td><td>13.96</td><td>8.33</td><td>69.1</td><td>$HSCH_2CH_2CO$-</td><td>626</td><td>(H)L|E|I|N/PD/H|PIVETL/R(Q)</td><td></td><td>867.4439</td><td>1733.889</td><td>-0.0086</td><td>-4.9</td><td>83264.6</td><td>P08238</td><td>Heat shock protein HSP 90-beta</td><td>MAKK</td><td>624</td><td>treated</td><td>1, 3, 4</td><td>N</td></tr>
<tr><td>55</td><td>3</td><td>10.66</td><td>10.66</td><td>56.1</td><td>$HSCH_2CH_2CO$-</td><td>215</td><td>(T)I\EDG\I|F\E/VK/S/T/A/GDTHLGGEDFDNR(M)</td><td>K:PITC</td><td>982.4357</td><td>2945.272</td><td>0.0209</td><td>7.1</td><td>70021.3</td><td>P54652</td><td>Heat shock-related 70 kDa protein 2</td><td>VSIL</td><td>213</td><td>treated</td><td>4</td><td>N</td></tr>
<tr><td>56</td><td>3</td><td>16.18</td><td>16.18</td><td>79.7</td><td>$HSCH_2CH_2CO$-</td><td>19</td><td>(V)GAHAG\E\Y|G|A/E/A/L/E/R(M)</td><td></td><td>506.8991</td><td>1518.664</td><td>0.0186</td><td>12.2</td><td>15257.6</td><td>P69905</td><td>Hemoglobin subunit alpha</td><td>AWGK</td><td>17</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>57</td><td>2</td><td>12.04</td><td>12.04</td><td>70.0</td><td>$HSCH_2CH_2CO$-</td><td>185</td><td>(I)FV|G\G\L|S|PDT/PEEKIR(E)</td><td>K:PITC</td><td>934.4395</td><td>1867.872</td><td>0</td><td>0</td><td>38434.4</td><td>Q14103</td><td>Heterogeneous nuclear ribonucleoprotein D0</td><td>PVKK</td><td>183</td><td>treated</td><td>1, 2</td><td>N</td></tr>
<tr><td>58</td><td>3</td><td>12.55</td><td>12.55</td><td>64.2</td><td>$HSCH_2CH_2CO$-</td><td>415</td><td>(R)HESGA\S\I\KI|D/E|P/L/E/GSED/R(I)</td><td>K:PITC</td><td>764.6828</td><td>2291.991</td><td>0.0431</td><td>18.8</td><td>50976.5</td><td>P61978</td><td>Heterogeneous nuclear ribonucleoprotein K</td><td>IKQI</td><td>413</td><td>vehicle</td><td>1, 5, 6, 7</td><td>N</td></tr>
<tr><td>59</td><td>5</td><td>13.12</td><td>13.12</td><td>63.7</td><td>$HSCH_2CH_2CO$-</td><td>96</td><td>(R)MVVNEGSDGGQSV/Y/HV/HL/H/V/LGGR(Q)</td><td></td><td>527.8602</td><td>2635.25</td><td>0.0215</td><td>8.2</td><td>13802</td><td>P49773</td><td>Histidine triad nucleotide-binding protein 1</td><td>NKGY</td><td>94</td><td>vehicle</td><td>1</td><td>N</td></tr>
<tr><td>60</td><td>3</td><td>12.08</td><td>12.08</td><td>65.4</td><td>$HSCH_2CH_2CO$-</td><td>32</td><td>(A)AGV\T\DGNEVAKAQQA|T/PGGA/A/PTI/FSR(I)</td><td>K:PITC</td><td>946.4547</td><td>2837.334</td><td>0.015</td><td>5.3</td><td>17161.8</td><td>Q9BX68</td><td>Histidine triad nucleotide-binding protein 2</td><td>QVRG</td><td>30</td><td>treated</td><td>1</td><td>Y</td></tr>
<tr><td>61</td><td>2</td><td>11.85</td><td>3.34</td><td>71.1</td><td>$HSCH_2CH_2CO$-</td><td>22</td><td>(R)A\G\L|Q/F/PV/G/R(I)</td><td></td><td>516.7703</td><td>1032.53</td><td>0.0038</td><td>3.7</td><td>14233.6</td><td>Q96QV6</td><td>Histone H2A type 1-A</td><td>SRSS</td><td>20</td><td>vehicle</td><td>1</td><td>N</td></tr>
<tr><td>62</td><td>2</td><td>13.64</td><td>13.64</td><td>78.1</td><td>$HSCH_2CH_2CO$-</td><td>57</td><td>(L)EY\L\T\AE|I/L|E|L/A/G/NAAR(D)</td><td></td><td>911.4504</td><td>1821.905</td><td>-0.0116</td><td>-6.4</td><td>14135.6</td><td>P04908</td><td>Histone H2A type 1-B</td><td>LAAV</td><td>55</td><td>treated</td><td>1</td><td>N</td></tr>
<tr><td>63</td><td>2</td><td>16.54</td><td>16.54</td><td>83.5</td><td>$HSCH_2CH_2CO$-</td><td>59</td><td>(Y)LTA\E|I|L|E|L|A/G/NA/A/R(D)</td><td></td><td>765.3982</td><td>1529.799</td><td>-0.0101</td><td>-6.6</td><td>14135.6</td><td>P04908</td><td>Histone H2A type 1-B</td><td>AVLE</td><td>57</td><td>treated</td><td>1</td><td>N</td></tr>
<tr><td>64</td><td>2</td><td>14.60</td><td>10.58</td><td>85.3</td><td>$HSCH_2CH_2CO$-</td><td>61</td><td>(T)AE\I|L|E|L|A/G/NA/A/R(D)</td><td></td><td>658.3392</td><td>1315.668</td><td>0.0037</td><td>2.8</td><td>14135.6</td><td>P04908</td><td>Histone H2A type 1-B</td><td>LEYL</td><td>59</td><td>both</td><td>1</td><td>N</td></tr>
<tr><td>65</td><td>2</td><td>15.59</td><td>15.59</td><td>79.3</td><td>$HSCH_2CH_2CO$-</td><td>62</td><td>(G)I/M|N|S/F/V/NDI/FE/R(I)</td><td></td><td>786.8751</td><td>1572.718</td><td>0.0244</td><td>15.5</td><td>13950.3</td><td>P33778</td><td>Histone H2B type 1-B</td><td>SKAM</td><td>60</td><td>treated</td><td>1, 3</td><td>N</td></tr>
<tr><td>66</td><td>2</td><td>15.04</td><td>8.83</td><td>84.1</td><td>$HSCH_2CH_2CO$-</td><td>63</td><td>(I)M\N/S|F/V/ND/I/F/E/R(I)</td><td></td><td>730.3321</td><td>1459.634</td><td>0.0225</td><td>15.4</td><td>13950.3</td><td>P33778</td><td>Histone H2B type 1-B</td><td>KAMG</td><td>61</td><td>vehicle</td><td>1, 3</td><td>N</td></tr>
<tr><td>67</td><td>2</td><td>17.92</td><td>7.59</td><td>88.8</td><td>$HSCH_2CH_2CO$-</td><td>66</td><td>(S)F|V|N/DI/F/E/R(I)</td><td></td><td>564.2667</td><td>1127.519</td><td>0.0071</td><td>6.3</td><td>13950.3</td><td>P33778</td><td>Histone H2B type 1-B</td><td>GIMN</td><td>64</td><td>treated</td><td>1, 3</td><td>N</td></tr>
<tr><td>68</td><td>2</td><td>14.67</td><td>14.67</td><td>83.0</td><td>$HSCH_2CH_2CO$-</td><td>25</td><td>(R)D\N\I|Q/G|I|T/K/PAI/R(R)</td><td>K:PITC</td><td>774.8876</td><td>1548.766</td><td>0.0018</td><td>1.2</td><td>11367.4</td><td>P62805</td><td>Histone H4</td><td>RKVL</td><td>23</td><td>both</td><td>3</td><td>N</td></tr>
<tr><td>69</td><td>2</td><td>10.88</td><td>4.1</td><td>79.0</td><td>$HSCH_2CH_2CO$-</td><td>47</td><td>(R)I|S/G\L|I/Y/E/ETR(G)</td><td></td><td>634.8136</td><td>1268.619</td><td>0.0008</td><td>0.6</td><td>11367.4</td><td>P62805</td><td>Histone H4</td><td>GGVK</td><td>45</td><td>treated</td><td>3</td><td>N</td></tr>
<tr><td>70</td><td>2</td><td>16.85</td><td>4.81</td><td>89.8</td><td>$HSCH_2CH_2CO$-</td><td>50</td><td>(G)L/I|Y|E/E/T/R(R)</td><td></td><td>506.2452</td><td>1011.482</td><td>0.0016</td><td>1.5</td><td>11009.2</td><td>Q99525</td><td>Histone H4-like protein type G</td><td>KRIL</td><td>48</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>71</td><td>3</td><td>10.70</td><td>5.23</td><td>66.5</td><td>$HSCH_2CH_2CO$-</td><td>45</td><td>(R)LAVHPSG\V|A|L/Q/D/R(V)</td><td></td><td>484.2563</td><td>1450.747</td><td>0.0072</td><td>5</td><td>17887.6</td><td>P05161</td><td>Interferon-induced 17 kDa protein precursor</td><td>AFQQ</td><td>43</td><td>vehicle</td><td>N</td><td>N</td></tr>
</table>

72	3	16.47	8.16	74.3	$HSCH_2CH_2CO$-	298	(R)VTGNFKHASPIL|PI/T/E/F/SDI/P/R(R)	K:PITC	888.1116	2662.316	0.0046	1.7	50670.5	P42167	Lamina-associated polypeptide 2, isoforms beta/gamma	LVVN	296	both	1, 5	N
73	2	23.38	15.58	98.1	$HSCH_2CH_2CO$-	305	(H)A/S/P\I|L|P/I/TE/FSD/I/P/R(R)		872.4476	1743.899	-0.0107	-6.1	50670.5	P42167	Lamina-associated polypeptide 2, isoforms beta/gamma	GNFK	303	treated	1, 5	N
74	4	10.05	2.06	57.7	$HSCH_2CH_2CO$-	513	(A)HPFRDLPLGREQHCKL|L/P/GVADI/R(A)	K:PITC	748.3802	2990.506	-0.0073	-2.4	71190.5	Q8NA19	Lethal(3)malignant brain tumor-like 4 protein	STVS	511	vehicle	N	N
75	3	10.07	2.89	72.0	$HSCH_2CH_2CO$-	311	(R)VLHVSEN\P\V/PL/TV/R(V)		549.9685	1647.889	0.0023	1.4	63473.3	Q8N1G4	Leucine-rich repeat-containing protein 47	RLLL	309	both	1	N
76	2	21.38	14.39	95.1	$HSCH_2CH_2CO$-	603	(S)P\A|L|T|I/E/N/E/H/I/R(A)		690.8507	1380.694	0.0001	0.1	113744.7	O00754	Lysosomal alpha-mannosidase precursor	RRSW	601	treated	N	N
77	2	12.98	12.98	83.3	$HSCH_2CH_2CO$-	203	(E)IV\L|A|D|V|I/DN/DSWR(L)		802.3897	1603.778	-0.0063	-4	47079.5	P22234	Multifunctional protein ADE2	VTTK	201	treated	N	N
78	2	15.08	15.08	85.7	$HSCH_2CH_2CO$-	678	(A)V\S\L|L|E|E|V|I/T/P/R(K)		672.3633	1343.724	-0.0046	-3.4	115704.5	Q9H0A0	N-acetyltransferase 10	VSSE	676	treated	N	N
79	3	12.63	12.63	63.5	$HSCH_2CH_2CO$-	94	(R)DPAETLHLSEP\LGGK/L/L/E/E/Y/T/Q/L/A/R(E)	K:PITC	1001.8295	3003.459	0.0149	5	35896.7	Q86X76	Nitrilase homolog 1	DFIA	92	vehicle	N	N
80	3	12.45	12.45	67.5	$HSCH_2CH_2CO$-	220	(E)GA|D/N|Q/G/A/GEQGRPV/R(Q)		533.9176	1599.729	0.009	5.6	35924.3	P67809	Nuclease-sensitive element-binding protein 1	GEVM	218	treated	1	N
81	2	12.02	6.71	84.2	$HSCH_2CH_2CO$-	9	(F)DI|A|V|D|G|E/PLGR(V)		615.2949	1229.583	-0.0005	-0.4	18012.6	P62937	Peptidyl-prolyl cis-trans isomerase A	PTVF	7	treated	1, 2	N
82	2	11.24	3.12	70.9	$HSCH_2CH_2CO$-	98	(K)RTVPTGDL/A/L/R(P)		643.8433	1286.689	-0.0092	-7.2	155004.6	Q9BXM0	Periaxin	SFCL	96	treated	N	N
83	4	17.36	9.8	93.3	$HSCH_2CH_2CO$-	272	(R)DQHDTFFLRD\PA\E\A\L\Q\L|P/M/D/YVQ/R(V)		749.1136	2993.392	0.0405	13.5	57563.9	Q9Y285	Phenylalanyl-tRNA synthetase alpha chain	QHPA	270	both	N	N
84	2	20.30	20.3	97.7	$HSCH_2CH_2CO$-	109	(C)AN|P\A|A|G|S/V/I|L/L/E/NLR(F)		813.4362	1625.868	-0.0028	-1.7	44615	P00558	Phosphoglycerate kinase 1	VEKA	107	vehicle	2	N
85	2	13.23	2.17	77.9	$HSCH_2CH_2CO$-	116	(S)V/I|L/LE/N/L/R(F)		529.3077	1057.607	0.0007	0.7	44615	P00558	Phosphoglycerate kinase 1	PAAG	114	vehicle	2	N
86	3	11.73	11.73	67.5	$HSCH_2CH_2CO$-	11	(R)HGESA\W|N/L/E/N/R(F)		467.5428	1400.601	0.0127	9	28804.1	P18669	Phosphoglycerate mutase 1	LVLI	9	treated	1, 2	N
87	4	11.02	11.02	56.4	$HSCH_2CH_2CO$-	127	(R)LSFAHPPSAEVE\AI/A/L/A/T/L/HD/R(M)		609.0639	2433.223	0.0107	4.4	144665	O15067	Phosphoribosylformylglycinamidine synthase	TRRY	125	vehicle	N	N
88	2	17.37	9.88	86.1	$HSCH_2CH_2CO$-	518	(N)DD\I|I|V|N/W|V/N/E/TL/R(E)		837.9106	1674.816	-0.0017	-1	70289.7	P13796	Plastin-2	GQKV	516	treated	N	N
89	2	16.46	16.46	58.0	$HSCH_2CH_2CO$-	230	(T)I/S/PLD\L|A|K/L/N/Q/V/A/R(Q)	K:PITC	880.95	1760.919	-0.0259	-14.7	37498	Q15365	Poly(rC)-binding protein 1	QGQH	228	vehicle	1	N
90	4	10.23	4.59	68.3	$HSCH_2CH_2CO$-	16	(P)GDAPRAEL\VAL/TAVQSEQGEAGGG/GS/P/R(R)		692.8437	2768.327	0.0262	9.5	77092.2	P56696	Potassium voltage-gated channel subfamily KQT member 4	LGPP	14	vehicle	N	N
91	2	23.56	23.56	97.8	$HSCH_2CH_2CO$-	196	(G)DV\C\QD\C|I|Q|M|V|T/D/I/Q/T/A/V/R(T)		1063.4758	2125.939	0.0058	2.7	58113.1	P07602	Proactivator polypeptide precursor	PKDN	194	both	1	N
92	2	14.82	8.69	84.5	$HSCH_2CH_2CO$-	81	(R)ELS\E|L|V|Y/T/DV/L/DR(S)		820.3973	1639.788	-0.001	-0.6	20694.6	Q8WU39	Proapoptotic caspase adapter protein precursor	SGGR	79	treated	N	N
93	2	14.83	14.83	63.8	$HSCH_2CH_2CO$-	43	(N)I/T|PAE|V|G\V|L|V/GKDR(S)	K:PITC	838.9307	1676.85	0.0043	2.5	15054.3	P07737	Profilin-1	KTFV	41	treated	N	N
94	2	17.13	17.13	86.4	$HSCH_2CH_2CO$-	147	(H)E\E\A|T|M/T|I/E/E/L/L/T/R(Y)		812.3834	1623.76	-0.0009	-0.6	59271.9	O15355	Protein phosphatase 1G	AALL	145	vehicle	1	N
95	4	15.15	11.04	84.5	$HSCH_2CH_2CO$-	100	(F)VNHPQVSA\L|L/G/E/E/DEE/ALH/YLTR(V)		677.8332	2708.298	0.0125	4.6	33489	Q01105	Protein SET	WVTT	98	treated	3, 8	N

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<tr><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th></tr>
<tr><td>96</td><td>2</td><td>13.44</td><td>3.96</td><td>86.0</td><td>HSCH$_2$CH$_2$CO-</td><td>180</td><td>(E)E\L|I|PE/YLNF/I/R(G)</td><td></td><td>747.892</td><td>1494.766</td><td>0.0106</td><td>7.1</td><td>47712.1</td><td>Q58FG1</td><td>Putative heat shock protein HSP 90-alpha A4</td><td>MDNC</td><td>178</td><td>vehicle</td><td>N</td><td>N</td></tr>
<tr><td>97</td><td>3</td><td>18.08</td><td>8.46</td><td>90.5</td><td>HSCH$_2$CH$_2$CO-</td><td>66</td><td>(A)AP\V\PTAPAAGA/PLMDF/GND/FV/PPA/PR(G)</td><td></td><td>888.7714</td><td>2664.295</td><td>0.0048</td><td>1.8</td><td>129932</td><td>Q9NQC3</td><td>Reticulon-4</td><td>AGLS</td><td>64</td><td>treated</td><td>1</td><td>Y</td></tr>
<tr><td>98</td><td>2</td><td>19.13</td><td>10.86</td><td>94.2</td><td>HSCH$_2$CH$_2$CO-</td><td>93</td><td>(G)P\L|P|A|A|P/PV/APER(Q)</td><td></td><td>651.8457</td><td>1302.688</td><td>-0.0033</td><td>-2.6</td><td>129932</td><td>Q9NQC3</td><td>Reticulon-4</td><td>PAPR</td><td>91</td><td>treated</td><td>1</td><td>N</td></tr>
<tr><td>99</td><td>2</td><td>23.51</td><td>23.51</td><td>96.6</td><td>HSCH$_2$CH$_2$CO-</td><td>289</td><td>(L)A/M|P\L|PE/PE/PL/PL/PLEVV/R(G)</td><td></td><td>1043.0656</td><td>2085.112</td><td>0.0116</td><td>5.6</td><td>50414.3</td><td>Q9BTD8</td><td>RNA-binding protein 42</td><td>LPLA</td><td>287</td><td>both</td><td>N</td><td>N</td></tr>
<tr><td>100</td><td>3</td><td>13.53</td><td>7.25</td><td>54.3</td><td>HSCH$_2$CH$_2$CO-</td><td>127</td><td>(M)ALAFS/EQEE/HE/L/PV/LS/R(Q)</td><td></td><td>681.6784</td><td>2042.985</td><td>0.0355</td><td>17.4</td><td>41595.7</td><td>O75995</td><td>SAM and SH3 domain-containing protein 3</td><td>GPEK</td><td>125</td><td>vehicle</td><td>N</td><td>N</td></tr>
<tr><td>101</td><td>2</td><td>10.35</td><td>2.22</td><td>65.9</td><td>HSCH$_2$CH$_2$CO-</td><td>290</td><td>(M)YT|I/MNPIGQGAG/R(A)</td><td></td><td>733.3459</td><td>1465.693</td><td>-0.0081</td><td>-5.5</td><td>39388.6</td><td>Q9BWG4</td><td>Single-stranded DNA-binding protein 4</td><td>SSEN</td><td>288</td><td>vehicle</td><td>N</td><td>N</td></tr>
<tr><td>102</td><td>2</td><td>10.21</td><td>2.21</td><td>60.6</td><td>HSCH$_2$CH$_2$CO-</td><td>289</td><td>(I)EIFLVY|I|V/P/R(A)</td><td></td><td>668.8712</td><td>1336.733</td><td>0.0018</td><td>1.3</td><td>127617.7</td><td>Q9UHW9</td><td>Solute carrier family 12 member 6</td><td>ILGA</td><td>287</td><td>both</td><td>N</td><td>N</td></tr>
<tr><td>103</td><td>3</td><td>12.58</td><td>5.57</td><td>69.3</td><td>HSCH$_2$CH$_2$CO-</td><td>249</td><td>(R)IVNHPTM\L|Q/D/PD/V/R(E)</td><td></td><td>574.9495</td><td>1722.83</td><td>0.0038</td><td>2.2</td><td>59069.8</td><td>Q13596</td><td>Sorting nexin-1</td><td>RYLQ</td><td>247</td><td>both</td><td>N</td><td>N</td></tr>
<tr><td>104</td><td>4</td><td>10.47</td><td>10.47</td><td>68.0</td><td>HSCH$_2$CH$_2$CO-</td><td>1845</td><td>(R)MHTTFEHD\I\Q\A\L/GT/QV/R(Q)</td><td></td><td>518.751</td><td>2071.969</td><td>0.0134</td><td>6.5</td><td>274610.6</td><td>Q01082</td><td>Spectrin beta chain, brain 1</td><td>ETLQ</td><td>1843</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>105</td><td>2</td><td>12.10</td><td>12.1</td><td>63.6</td><td>HSCH$_2$CH$_2$CO-</td><td>15</td><td>(R)AS\GQ|A/F/E/L/I/L|SP/R(S)</td><td></td><td>738.8804</td><td>1476.752</td><td>0.002</td><td>1.4</td><td>17302.6</td><td>P16949</td><td>Stathmin</td><td>ELEK</td><td>13</td><td>vehicle</td><td>1, 2</td><td>N</td></tr>
<tr><td>106</td><td>2</td><td>15.60</td><td>2.16</td><td>84.7</td><td>HSCH$_2$CH$_2$CO-</td><td>21</td><td>(F)E|L|I|L/S/P/R(S)</td><td></td><td>458.26</td><td>915.497</td><td>0.0159</td><td>17.4</td><td>17302.6</td><td>P16949</td><td>Stathmin</td><td>SGQA</td><td>19</td><td>treated</td><td>1, 2</td><td>N</td></tr>
<tr><td>107</td><td>3</td><td>13.06</td><td>13.06</td><td>57.3</td><td>HSCH$_2$CH$_2$CO-</td><td>89</td><td>(N)IVAYHDSI\M\N|PD/Y/N/V/E/FFR(Q)</td><td></td><td>806.7029</td><td>2418.089</td><td>0.0048</td><td>2</td><td>71224</td><td>Q9UBT2</td><td>SUMO-activating enzyme subunit 2</td><td>YPKA</td><td>87</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>108</td><td>2</td><td>10.01</td><td>3.32</td><td>67.2</td><td>HSCH$_2$CH$_2$CO-</td><td>32</td><td>(E)DIVFETDH/I/L/ESLYRD/I/R(D)</td><td></td><td>1161.5724</td><td>2322.144</td><td>-0.0059</td><td>-2.6</td><td>33196</td><td>O75558</td><td>Syntaxin-11</td><td>DSPH</td><td>30</td><td>treated</td><td>N</td><td>N</td></tr>
<tr><td>109</td><td>3</td><td>12.71</td><td>7.11</td><td>64.9</td><td>HSCH$_2$CH$_2$CO-</td><td>439</td><td>(R)VGKVEHGSV/A/L/P/A/IM/R(S)</td><td>K:PITC</td><td>629.6569</td><td>1886.944</td><td>0.0124</td><td>6.6</td><td>269768.5</td><td>Q9Y490</td><td>Talin-1</td><td>QQYN</td><td>437</td><td>vehicle</td><td>1</td><td>N</td></tr>
<tr><td>110</td><td>4</td><td>15.63</td><td>15.63</td><td>54.1</td><td>HSCH$_2$CH$_2$CO-</td><td>1691</td><td>(R)EGIS/QEALHTQML/T/A/VQ/EISHL/I/E/PL/ANAAR(A)</td><td></td><td>865.4453</td><td>3458.741</td><td>0.0187</td><td>5.4</td><td>269768.5</td><td>Q9Y490</td><td>Talin-1</td><td>QLAP</td><td>1689</td><td>vehicle</td><td>1</td><td>N</td></tr>
<tr><td>111</td><td>2</td><td>20.75</td><td>20.75</td><td>91.8</td><td>HSCH$_2$CH$_2$CO-</td><td>2495</td><td>(M)VGG\I|A|Q|I|I|A\A/Q/E/E/M/L/R(K)</td><td></td><td>893.9595</td><td>1786.919</td><td>-0.0073</td><td>-4.1</td><td>269768.5</td><td>Q9Y490</td><td>Talin-1</td><td>VKEK</td><td>2493</td><td>both</td><td>1</td><td>N</td></tr>
<tr><td>112</td><td>2</td><td>23.54</td><td>23.54</td><td>93.8</td><td>HSCH$_2$CH$_2$CO-</td><td>342</td><td>(E)AA|M|L|G/Q/A|E/E/V/V/Q/E/R(I)</td><td></td><td>809.881</td><td>1618.756</td><td>-0.0016</td><td>-1</td><td>60343.9</td><td>P17987</td><td>T-complex protein 1 subunit alpha</td><td>EETF</td><td>340</td><td>treated</td><td>3, 4</td><td>N</td></tr>
<tr><td>113</td><td>2</td><td>18.50</td><td>10.35</td><td>83.3</td><td>HSCH$_2$CH$_2$CO-</td><td>345</td><td>(M)L|G\Q|A|E/E/V|V/Q/E/R(I)</td><td></td><td>673.3245</td><td>1345.642</td><td>0.0001</td><td>0.1</td><td>60343.9</td><td>P17987</td><td>T-complex protein 1 subunit alpha</td><td>FEAA</td><td>343</td><td>treated</td><td>3, 4</td><td>N</td></tr>
<tr><td>114</td><td>3</td><td>19.89</td><td>15.48</td><td>91.5</td><td>HSCH$_2$CH$_2$CO-</td><td>456</td><td>(A)DA\M\E\V|I|PSTLAENA/GL/N/PIST/V/TE/L/R(N)</td><td></td><td>943.807</td><td>2829.401</td><td>0.0056</td><td>2</td><td>57924.6</td><td>P50991</td><td>T-complex protein 1 subunit delta</td><td>VRAF</td><td>454</td><td>treated</td><td>1, 3, 4</td><td>N</td></tr>
<tr><td>115</td><td>2</td><td>13.40</td><td>7.81</td><td>74.8</td><td>HSCH$_2$CH$_2$CO-</td><td>114</td><td>(A)GAL|L|E/E/AE/Q/L/L/DR(G)</td><td></td><td>772.8848</td><td>1544.763</td><td>-0.0002</td><td>-0.1</td><td>59671.4</td><td>P48643</td><td>T-complex protein 1 subunit epsilon</td><td>VVVL</td><td>112</td><td>treated</td><td>1, 2, 3</td><td>N</td></tr>
<tr><td>116</td><td>4</td><td>15.11</td><td>15.11</td><td>65.6</td><td>HSCH$_2$CH$_2$CO-</td><td>40</td><td>(R)GLDPSLPSPLPNLGPQGPALTPEQENILHTTQTDCYNNL/AA/CL/L/Q/M/E/PV/N/YE/R(V)</td><td></td><td>1465.9624</td><td>5860.797</td><td>0.0312</td><td>5.3</td><td>20012.7</td><td>Q8N5M4</td><td>Tetratricopeptide repeat protein 9C</td><td>LLQL</td><td>38</td><td>vehicle</td><td>5</td><td>N</td></tr>
<tr><td>117</td><td>2</td><td>12.50</td><td>3.04</td><td>73.4</td><td>HSCH$_2$CH$_2$CO-</td><td>731</td><td>(S)L\D\Q/P/GGT/LDLT/L/I/R(A)</td><td></td><td>800.4191</td><td>1599.841</td><td>-0.0101</td><td>-6.3</td><td>88550.2</td><td>Q13263</td><td>Transcription intermediary factor 1-beta</td><td>DSTF</td><td>729</td><td>treated</td><td>3</td><td>N</td></tr>
<tr><td>118</td><td>2</td><td>13.57</td><td>2.87</td><td>76.7</td><td>HSCH$_2$CH$_2$CO-</td><td>553</td><td>(F)G\E|S/E/A/N/V/R(E)</td><td></td><td>475.2093</td><td>949.404</td><td>0.007</td><td>7.3</td><td>89322.3</td><td>P55072</td><td>Transitional endoplasmic reticulum ATPase</td><td>LTMW</td><td>551</td><td>vehicle</td><td>N</td><td>N</td></tr>
<tr><td>119</td><td>3</td><td>11.62</td><td>11.62</td><td>70.9</td><td>HSCH$_2$CH$_2$CO-</td><td>568</td><td>(G)IG\E\A|V|SSA|V/V/GE/PGITVTHL\AVNR(V)</td><td></td><td>822.1044</td><td>2464.286</td><td>0.0122</td><td>5</td><td>67878</td><td>P29401</td><td>Transketolase</td><td>YYEG</td><td>566</td><td>vehicle</td><td>N</td><td>N</td></tr>
<tr><td>120</td><td>3</td><td>16.51</td><td>7.67</td><td>85.6</td><td>HSCH$_2$CH$_2$CO-</td><td>167</td><td>(R)PLHIST\F\I|N/E|L/D/S/GF/R(L)</td><td></td><td>645.3258</td><td>1933.948</td><td>0.0152</td><td>7.9</td><td>26183.1</td><td>Q15631</td><td>Translin</td><td>GDYS</td><td>165</td><td>both</td><td>N</td><td>N</td></tr>
</table>

121	2	21.74	12.09	95.6	$HSCH_2CH_2CO$-	48	(R)E|A|P|V/D|V\L/T/Q/I/GR(S)		693.3574	1385.709	-0.0018	-1.3	26210.1	Q9BVC6	Transmembrane protein 109 precursor	GQQK	46	both	N	N
122	2	12.55	4.62	80.2	$HSCH_2CH_2CO$-	197	(L)H|L|G|V|T/PSVI/R(K)		583.8193	1166.635	-0.0037	-3.2	61248.2	O14773	Tripeptidyl-peptidase 1 precursor	GTVG	195	both	1	Y
123	3	13.96	3.61	63.7	$HSCH_2CH_2CO$-	65	(R)AVFVDLEPT/V/I/D/E/V/R(T)		597.3097	1789.904	0.0105	5.9	50135.9	Q71U36	Tubulin alpha-1A chain	KHVP	63	vehicle	1, 9	N
124	2	17.87	9.5	92.2	$HSCH_2CH_2CO$-	66	(A)VF\V|D|L|E|PTV/IDE/V/R(T)		859.9339	1718.867	-0.0064	-3.7	50135.9	Q71U36	Tubulin alpha-1A chain	HVPR	64	treated	1, 9	N
125	2	11.23	11.23	68.6	$HSCH_2CH_2CO$-	67	(V)FV|D\L|E|PTVIDEV/R(T)		810.4092	1619.799	0.0126	7.8	50135.9	Q71U36	Tubulin alpha-1A chain	VPRA	65	vehicle	1, 9	N
126	2	10.78	7.18	78.4	$HSCH_2CH_2CO$-	250	(N)VDL\T\E|F\Q/TNL|V|PY/PR(I)		940.4655	1879.926	-0.0021	-1.1	50135.9	Q71U36	Tubulin alpha-1A chain	DGAL	248	treated	1, 9	N
127	2	10.90	5.6	71.2	$HSCH_2CH_2CO$-	63	(R)AI\L\V|D\L|E/PGTMD/SV/R(S)		852.4119	1703.834	-0.0177	-10.4	49907.3	Q13885	Tubulin beta-2A chain	KYVP	61	vehicle	1, 5	N
128	2	22.94	13.17	99.1	$HSCH_2CH_2CO$-	64	(A)IL|V|D|L|E|P/GT/MD/SV/R(S)		816.9012	1632.797	-0.002	-1.2	49907.3	Q13885	Tubulin beta-2A chain	YVPR	62	treated	1, 5	N
129	3	17.00	17	84.6	$HSCH_2CH_2CO$-	102	(W)AKGHYTEGA\E|L|V|D/S/V/L/DV/V/R(K)	K:PITC	794.3895	2381.126	0.0275	11.6	49907.3	Q13885	Tubulin beta-2A chain	AGNN	100	treated	1, 5	N
130	3	14.31	14.31	69.9	$HSCH_2CH_2CO$-	104	(K)GHYTEGA\E\L|V/D/S/V/L/D/VV/R(K)		682.9989	2046.98	0.0021	1	49907.3	Q13885	Tubulin beta-2A chain	NNWA	102	both	1, 5	N
131	3	17.36	17.36	90.8	$HSCH_2CH_2CO$-	105	(G)H\Y\TEG\A\E\L|V|D/SV/L/D/VV/R(K)		663.995	1989.959	0.0118	5.9	49907.3	Q13885	Tubulin beta-2A chain	NWAK	103	vehicle	1, 5	N
132	3	12.86	12.86	69.9	$HSCH_2CH_2CO$-	106	(H)YTEGAE\L\V/D/S/V/L/D/VV/R(K)		618.3078	1852.9	0.0091	4.9	49907.3	Q13885	Tubulin beta-2A chain	WAKG	104	treated	1, 5	N
133	2	20.08	20.08	95.9	$HSCH_2CH_2CO$-	108	(T)E\G\A|E|L|V|DSV/L/D/V/V/R(K)		794.8973	1588.789	-0.0014	-0.9	49907.3	Q13885	Tubulin beta-2A chain	KGHY	106	both	1, 5	N
134	3	13.50	13.5	77.3	$HSCH_2CH_2CO$-	800	(R)AVTHTS\PED\V/SF/A/E/S/R(R)		607.6113	1820.812	0.0074	4.1	132528.6	Q9BTW9	Tubulin-specific chaperone D	LTGL	798	vehicle	N	N
135	3	10.65	10.65	66.8	$HSCH_2CH_2CO$-	64	(K)ESTL/H/LV/L/R(L)		385.8804	1155.619	0.0076	6.6	8564.9	P62988	Ubiquitin	YNIQ	62	vehicle	N	N
136	2	12.36	2.64	67.0	$HSCH_2CH_2CO$-	90	(A)AS/P|L|PEEPPV/P/R(P)		688.8522	1376.688	0.0093	6.7	35187.1	A8MZF0	Uncharacterized protein LOC728008	TTVQ	88	both	N	N
137	2	11.29	5.66	65.2	$HSCH_2CH_2CO$-	88	(S)L\A\D\A\I|N/T|E/FK/NT/R(T)	K:PITC	858.4	1715.788	0.0047	2.8	53651.9	P08670	Vimentin	SVDF	86	treated	1, 3	Y

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