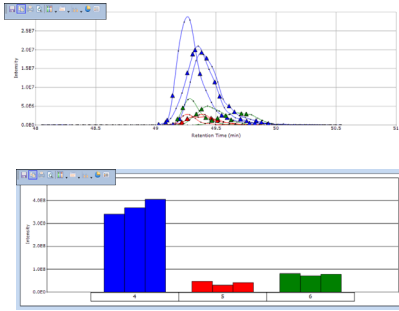


1 **Supplemental Figure S1: Peptides of PP1 that were not protected by 1E7-07 from**
2 **ELNLLB painting.** Ion elution profiles (top) and integrated intensities (bottom) of
3 control (group i), ELNLLB painting (group ii) and PP1-1E7-07 complex with ELNLLB
4 painting (group iii) are shown in blue, red and green, respectively.

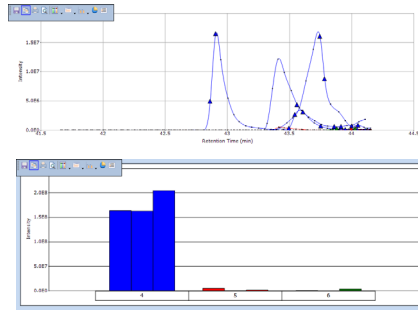
5
6 **Supplemental Figure S2: 1E7-07 does not affect cellular localization of PP1.** (A)
7 293T cells were transfected with PP1-mCherry vector and treated with 1E7-07 for 24 hr.
8 At twenty-four hr post transfection, the cells were treated with 10 μ M 1E7-07 or DMSO as
9 vehicle control. Cells also stained with Hechts. At forty-eight hr posttransfection the cells
10 were photographed on Olympus IX73 using filters for Texas Red and Hechts fluorescence
11 at 600X magnification. (B) PP1 is translocated to the nucleus when co-expressed with
12 cdNIPP1. 293T cells were transfected with vectors expressing PP1 γ -mCherry or PP1 γ -
13 mCherry and cdNIPP1-EGFP. At forty-eight hr posttransfection the cells were
14 photographed on Olympus IX73 using filters for Texas Red and FITC fluorescence with
15 400X magnification.

Supplemental Figure S1

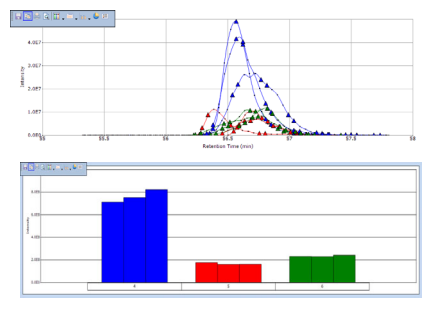
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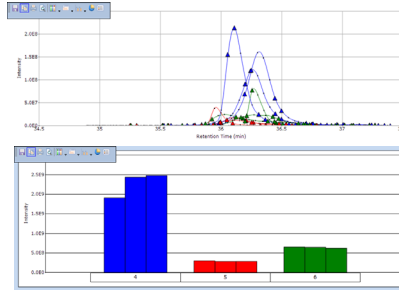
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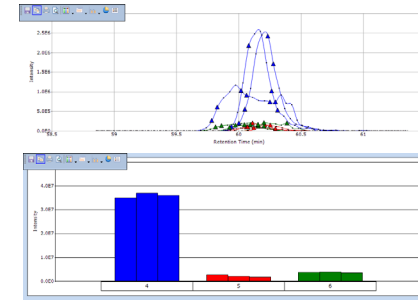
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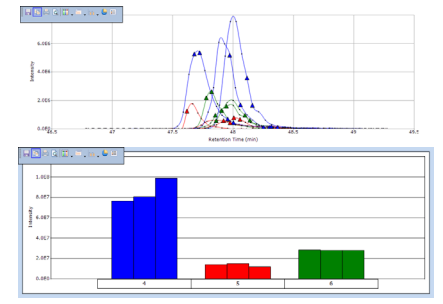
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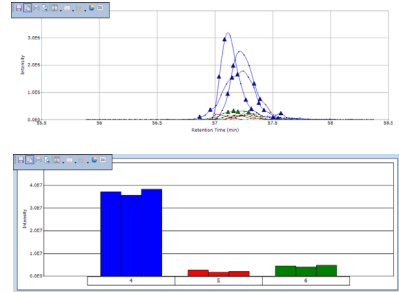
QSLETICLLLAYK



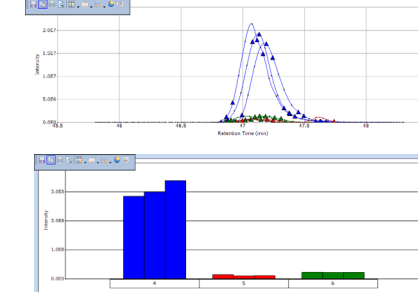
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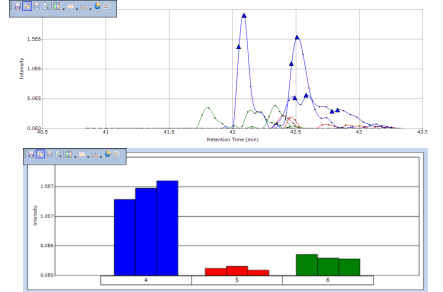
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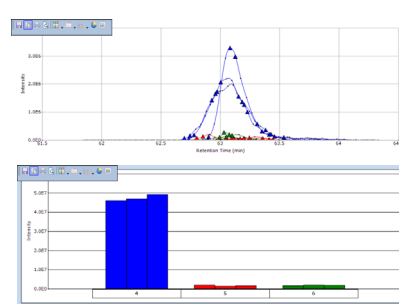
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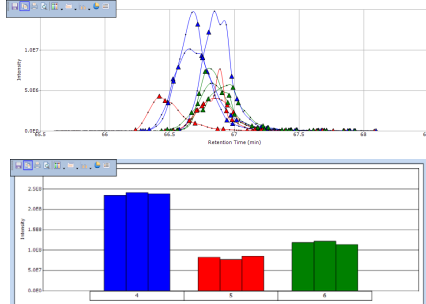
LLEVQGSRRPGKNVQLTENEIR



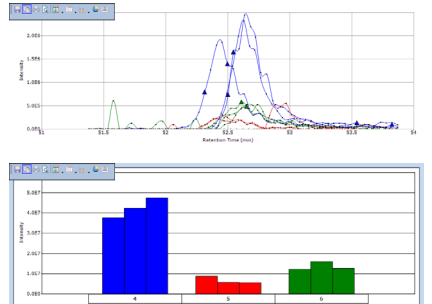
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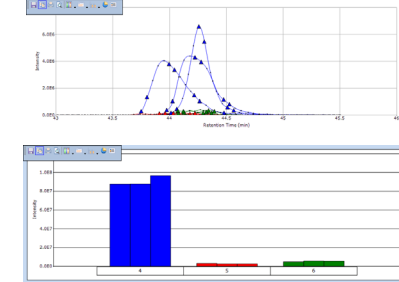
EIFLSQPILLELEAPLK



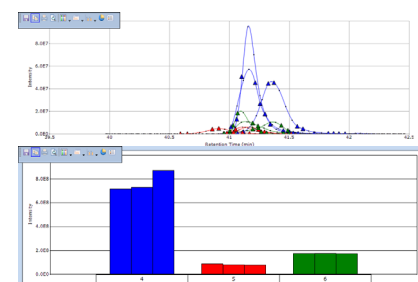
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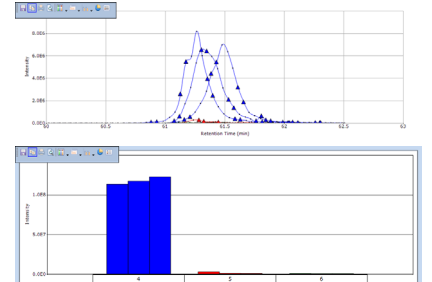
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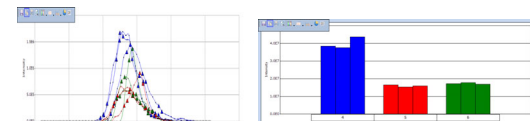
NVQLTENEIR



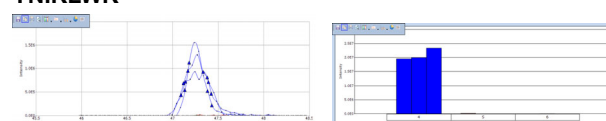
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YPENFFLLR



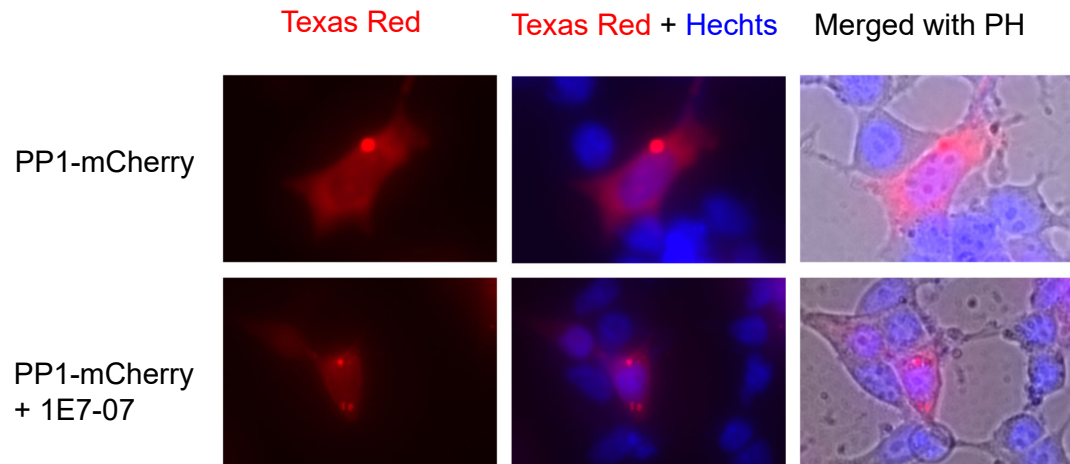
YNIKLWK



Control
Painting
1E7-07+Painting

Supplemental Figure S2

A



B

