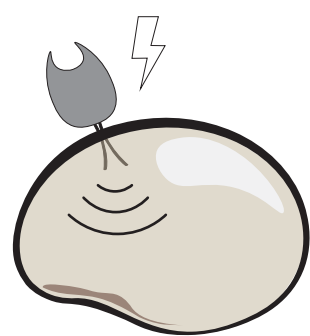


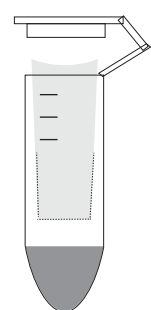
(A)

Mice primary
T cell stimulation



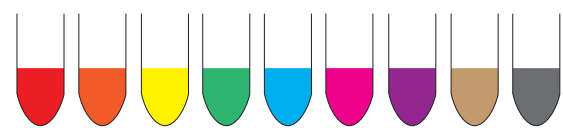
- 1) SDS Lysis
- 2) Reduction
- 3) Alkylation
- 4) Digestion
- 5) C18 Desalting

FASP

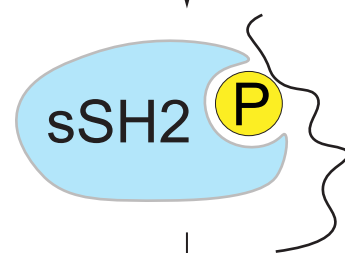


TMT

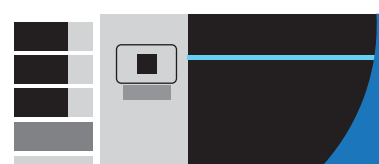
labeling

Contrived
ratio

sSH2 superbinder
pTyr enrichment



LC-MS
(SPS-MS3)

**+ Φ SDM****- Φ SDM****(B)****TMT****Control
+ Φ SDM****Control****BOOST
+ Φ SDM****BOOST**

126

1 mg control**1 mg control****1 mg PV****1 mg PV**

127N

1.0 mg Rep.1

1.0 mg Rep.1

1.0 mg Rep.1

1.0 mg Rep.1

127C

Blank

Blank

Blank

Blank

128N

1.0 mg Rep.2

1.0 mg Rep.2

1.0 mg Rep.2

1.0 mg Rep.2

128C

0.3 mg Rep.1

0.3 mg Rep.1

0.3 mg Rep.1

0.3 mg Rep.1

129N

1.0 mg Rep.3

1.0 mg Rep.3

1.0 mg Rep.3

1.0 mg Rep.3

129C

0.3 mg Rep.2

0.3 mg Rep.2

0.3 mg Rep.2

0.3 mg Rep.2

130N

0.1 mg Rep.1

0.1 mg Rep.1

0.1 mg Rep.1

0.1 mg Rep.1

130C

0.3 mg Rep.3

0.3 mg Rep.3

0.3 mg Rep.3

0.3 mg Rep.3

131N

0.1 mg Rep.2

0.1 mg Rep.2

0.1 mg Rep.2

0.1 mg Rep.2

131C

0.1 mg Rep.3

0.1 mg Rep.3

0.1 mg Rep.3

0.1 mg Rep.3