

Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: NAI/NAIA-5 couple to profile oxidized cysteines in HepG2 cells

File Name: Supplementary Data 2

Description: NAIA-5 vs IAA to profile functional cysteines in HepG2 cell lysates

File Name: Supplementary Data 3

Description: NAIA-5 vs DBIA to profile functional cysteines

File Name: Supplementary Data 4

Description: Comparison of functional cysteines profiled by NAIA-5 with those reported in CysDB

File Name: Supplementary Data 5

Description: NAIA-5 vs IAA to profile functional cysteines in live HepG2 cells

File Name: Supplementary Data 6

Description: NAIA-4 vs IAA to profile functional cysteines in 231MFP

File Name: Supplementary Data 7

Description: Competitive ABPP experiment using NAIA-5 and CL-Sc to identify ligandable cysteines

File Name: Supplementary Data 8

Description: Competitive ABPP experiment using NAIA-5 to identify protein targets of CL1 in HepG2