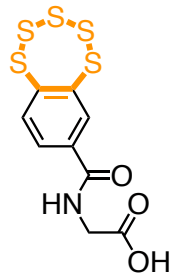
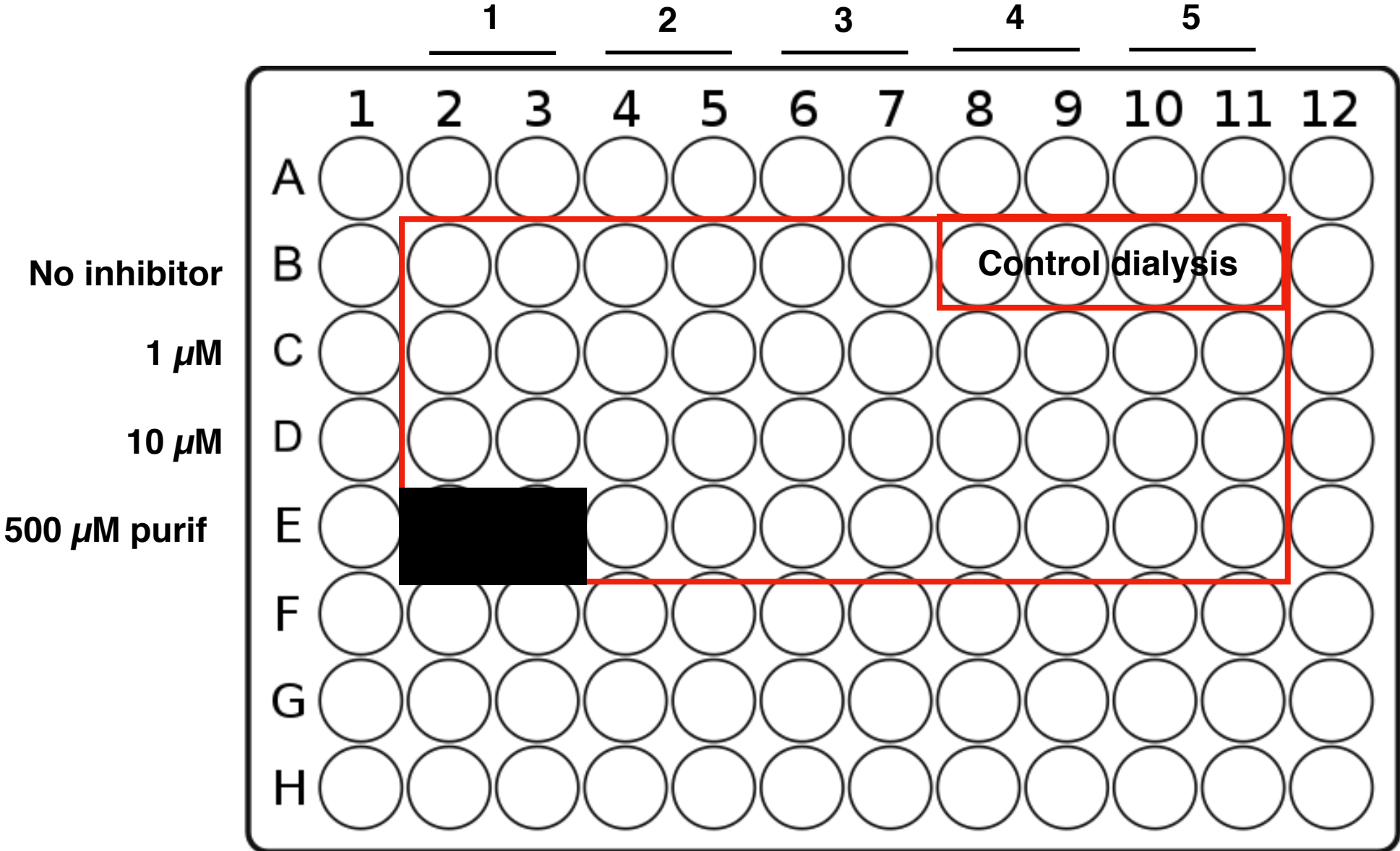
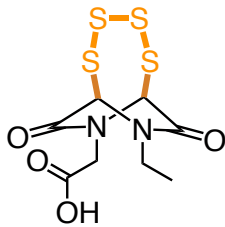


Sequence: AGGTCCCCATACACCGAC

30 min activation (with/without purification),  
2 h incubation, 37 °C



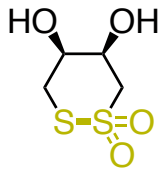
1



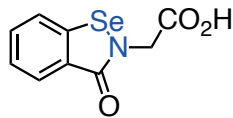
2



3



4



5

No washings: 20X PTO (10  $\mu$ M, 15  $\mu$ L) + 20X inhibitors (15  $\mu$ L) = 30  $\mu$ L 10X

Purif: 20X PTO (10  $\mu$ M, 25  $\mu$ L) + 20X inhibitors (25  $\mu$ L, 10 mM) = 50  $\mu$ L 10X

200 equivalents, 10 equivalents/PTO

7 runs of filtrations to remove excess reagent