

CHEMBIOCHEM

Supporting Information

© Copyright Wiley-VCH Verlag GmbH & Co. KGaA, 69451 Weinheim, 2008

CHEM**BIO**CHEM

Supporting Information

for

Inhibition of Dicing of Guanosine-Rich shRNAs by Quadruplex-Binding Compounds

Anja Henn, Astrid Joachimi, Diana P. N. Gonçalves, David Monchaud,
Marie-Paule Teulade Fichou, Jeremy K. M. Sanders, and Jörg S. Hartig*

Contents:

Figure S1: Dicer kinetics of shRNA2 and shRNA5

Figure S2: SPR data: fitting of dissociation constants

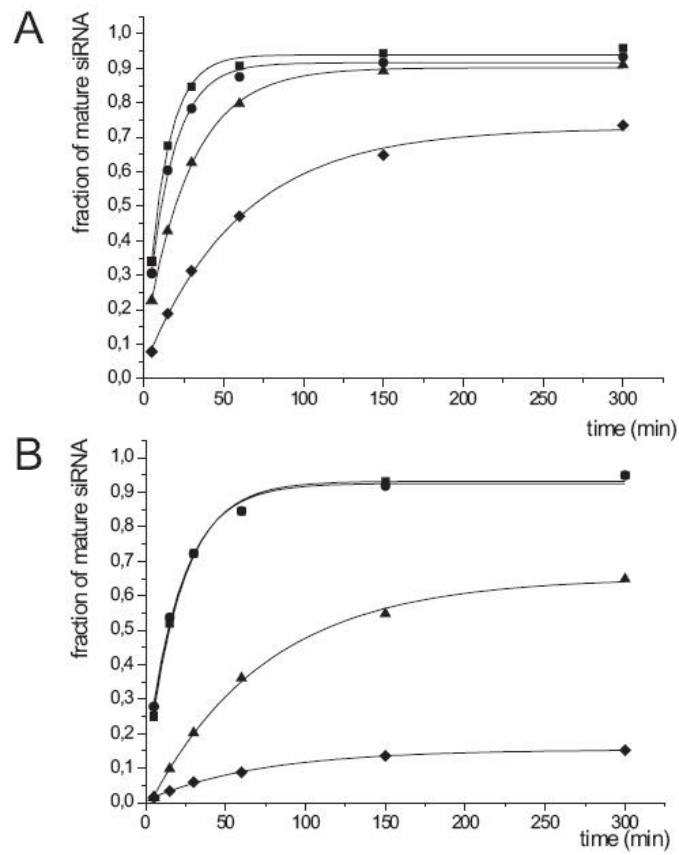


Figure S1: Dicer-dependent kinetics of shRNA processing: A) Dicer processing of shRNA 2. shRNA was incubated with varying amounts of Dicer and the fraction of mature 21 nt siRNA was determined at indicated times. Squares: 1 U dicer, circles: 0.5 U; triangles: 0.25 U; diamonds: 0.1 U. B) Dicing of shRNA 5: same amounts of dicer as in 3A were used.

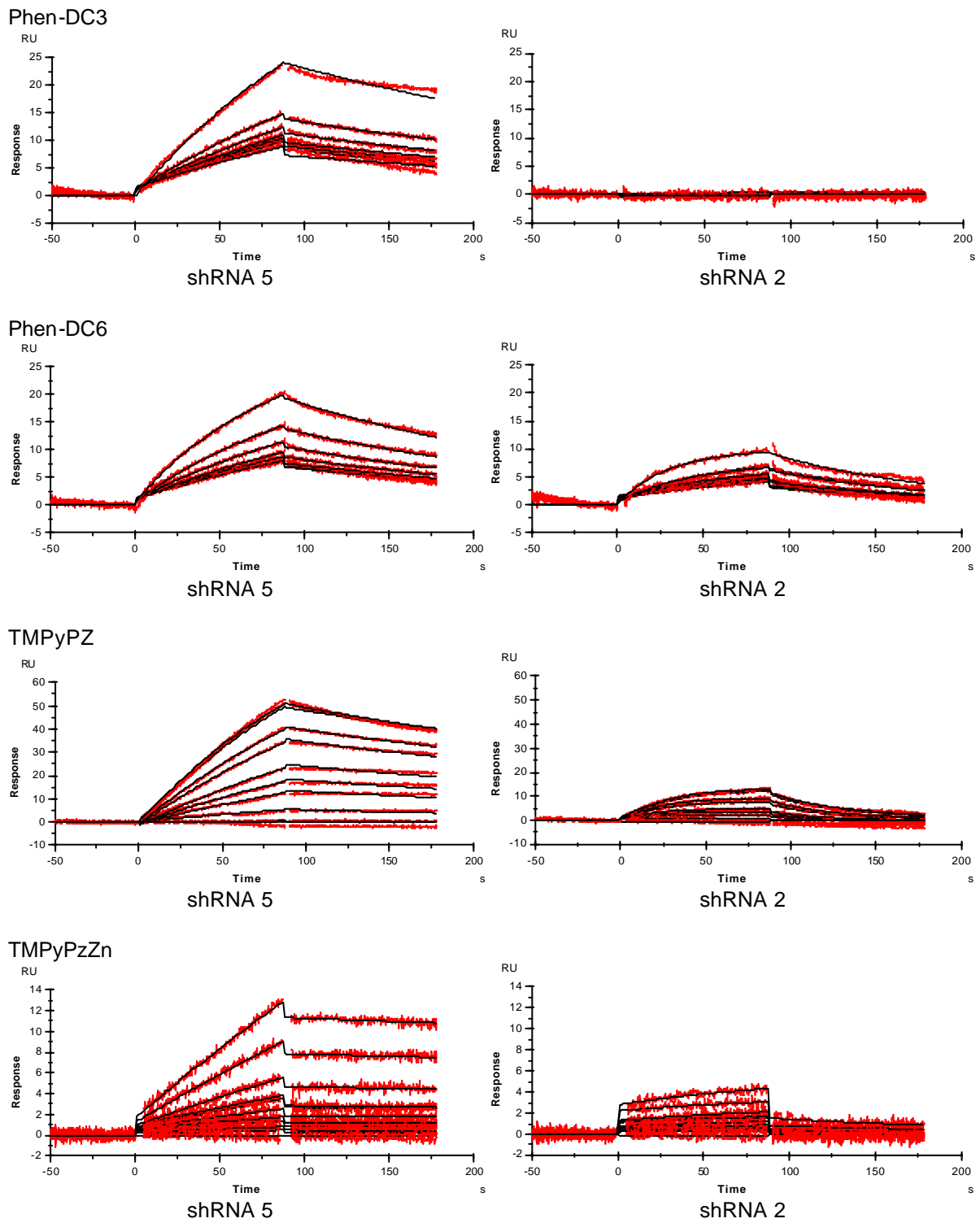


Figure S2: Surface plasmon resonance studies of compounds binding to shRNAs 2 and 5.