

Description of Additional Supplementary Files

Supplementary Data 1. Supplementary Tables 1-5.

Supplementary Data 2. Full in vitro substrate screening data.

Supplementary Data 3. One-Way ANOVA followed by Tukeys's Multiple Comparison Test of OS Peptide 1 minute Screening Data.

Supplementary Data 4. One-Way ANOVA followed by Tukeys's Multiple Comparison Test of AS Peptide 1 minute Screening Data.

Supplementary Data 5. Fold changes observed in DFOR assays in Figure 4.