Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Previously reported PRF events tested here.

File Name: Supplementary Data 2

Description: Sequence, design information and experimental readouts for all library variants

tested.

File Name: Supplementary Data 3

Description: Predicted secondary structure (pKiss) for library variants with systematic

sequence alterations in the region downstream of the slippery site.