

Description of Additional Supplementary Files

File name: Supplementary Data 1

Description: The Source data for Supplementary Figure 13 and Figure 15

File name: Supplementary Data 2

Description: The Source data for Figure 5a-b

File name: Supplementary Data 3

Description: The Source data for Figure 3c

File name: Supplementary Data 4

Description: The Source data for Supplementary Figure 1a

File name: Supplementary Data 5

Description: The Source data for Figure 4b and Supplementary Figure 17b

File name: Supplementary Data 6

Description: The Source data for Supplementary Figure 12 and Supplementary Figure 14

File name: Supplementary Data 7

Description: The Source data for Supplementary Figure 16

File name: Supplementary Data 8

Description: The Source data for Figure 4c

File name: Supplementary Data 9

Description: RNA seq of genes post PARP1 knock down