

Supplement Figure 1

WT p53	GGGGGTTCCTTCTCTGCAGGCCCCAGGTGACCCAGGGTTGGAAGTGTCTCATGCTGGATCC
p53-TAD	GGGGGTTCCTTCTCTGCAGGCCCCAGGTGACCCAGGGTTGGAAGTGTCTCATGCTGGATCC *****
WT p53	CCACTTTTCCTCTTGCAGCAGCCAGACTGCCTTCCGGGTCACTGCCATGGAGGAGCCGCA
p53-TAD	CCACTTTTCCTCTTGCAGCAGCCAGACTGCCTTCCGGGTCACTGCCATGGAGGAGCCGCA *****
WT p53	GTCAGATCCTAGCGTCGAGCCCCCTCTGAGTCAGGAAACATTTTCAGACCTATGGAAACT
p53-TAD	GTCAGATCCTAGCGTCGAGCCCC-----ATTTTCAGACCTATGGAAACT *****
WT p53	GTGAGTGGATCCATTGGAAGGGCAGGCCCACCACCCCCACCCCAACCCAGCCCCCTAGC
p53-TAD	GTGAGTGGATCCATTGGAAGGGCAGGCCCACCACCCCCACCCCAACCCAGCCCCCTAGC *****
WT p53	AGAGACCTGTGGGAAGCGAAAATTCCATGGGACTGACTTTCTGCTCTTGTCTTTCAGACT
p53-TAD	AGAGACCTGTGGGAAGCGAAAATTCCATGGGACTGACTTTCTGCTCTTGTCTTTCAGACT *****
WT p53	TCCTGAAAACAACGTTCTGGTAAGGACAAGGGTTGGGCTGGGGACCTGGAGGGCTGGGGA
p53-TAD	TCCTGAAAACAACGTTCTGGTAAGGACAAGGGTTGGGCTGGGGACCTGGAGGGCTGGGGA *****
WT p53	CCTGGAGGGCTGGGGGGGCTGGGGGGCTGAGGACCTGGTCCTCTGACTGCTCTTTTCACCC
p53-TAD	CCTGGAGGGCTGGGGGGGCTGGGGGGCTGAGGACCTGGTCCTCTGACTGCTCTTTTCACCC *****
WT p53	ATCTACAGTCCCCCTTGCCGTCCCAAGCAATGGATGATTTGATGCTGTCCCCGGACGATA
p53-TAD	ATCTACAGTCCCCCTTGCCGTCCCAAGCAATGGATGATTTGATGCTGTCCCCGGACGATA *****
WT p53	TTGAA-CAATGGTTCACTGAAGACCCAGGTCCAGATGAAGCTCCCAGAATGCCAGAGGCT
p53-TAD	TTGAAACAATGGTTCACTGAAGACCCAGGTCCAGATGAAGCTCCCAGAATGCCAGAGGCT *****
WT p53	GCTCCCCCGTGGCCCCTGCACCAGCAGCTCCTACACGGCGGCCCTGCACCAGCCCCC
p53-TAD	GCTCCCCCGTGGCCCCTGCACCAGCAGCTCCTACACGGCGGCCCTGCACCAGCCCCC *****
WT p53	TCCTGGCCCCCTGTCATCTTCTGTCCCTTCCC
p53-TAD	TCCTGGCCCCCTGTCATCTTCTGTCCCTTCCC *****

Supplement Figure Legend:

Supplement Figure 1. DNA sequence alignment of wild type p53 (WT p53) and p53-TAD KO (p53-TAD) hiPS cells. * aligned nucleotides.