

## Supplementary Information

**Table S1 Primer sequences used for qPCR assays**

Smurf1	F, 5'-CTACCAGCGTTGGATCTAT-3' R, 5'-TGTCTCGGGTCTGTAACT-3'
Smurf2	F, 5'-ATGAGCAGGACACACTTACA-3' R, 5'-CACCAAGTCTGAGTATGTAAGA-3'
Puma	F, 5'-GACCTCAACGCACAGTA-3' R, 5'-CTAATTGGGCTCCATCT-3'
p53 AIP1	F, 5'-TCTTCCTCTGAGGCGAGCT-3' R, 5'-AGGTGTGTGTGAGCCC-3'
Noxa	F, 5'-AGAGCTGGAAGTCGAGTGT-3' R, 5'-GCACCTTCACATTCCCTCTC-3'
P21	F, 5'-CACCGAGACACCACTGGAGG-3' R, 5'-GAGAAGATCAGCCGGCGTT-3'
MDM2	F, 5'-ATCTTGGCCAGTATATTATG-3' R, 5'-GTTCCCTGTAGATCATGGTAT-3'
P53	F, 5'-GAGGGATGTTGGAGATGTAAGAAATG-3' R, 5'-TTCACAGATATGGCCTTGAAGTTAGAGAA-3'
NEDL1	F, 5'-TCAACCCTTACTATGGACTCTT-3' R, 5'-AGGATGCGACCGCTAAC-3'
NEDL2	F, 5'-TTGGGCAGATAACTGAACGA-3' R, 5'-GCATCCACCACCTCATAGAA-3

Note: F: forward; R: reverse.

### Figure Legends

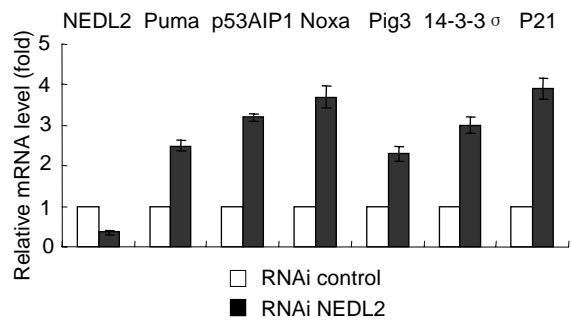
#### **Fig. S1 The effect of NEDLs on p53 activity.**

(A) Depletion of NEDL2 upregulates p53-dependent target genes. Total RNA from siRNA-transfected MCF7 cells was subjected to qPCR analysis. Data are presented as mean ± s.d. ( $n=3$ ).

(B) Depletion of NEDL1 downregulates p53-dependent target genes. Total RNA from siRNA-transfected MCF7 cells was subjected to a qPCR analysis. Data are presented as mean ± s.d. ( $n=3$ ).

# Figure S1

A



B

