

Supplementary File1: Primer sequence information

1.1 Homo sapiens tripartite motif containing 27 (TRIM27), mRNA

NM_006510.4

Primer F 5' AGGACCTGCCTGACAACC 3'

Primer R 5' CTTTCCCATACCACAAAGAC 3'

Pos: 1034-1246

Amplified product: Size: 213 bps

1.2 Homo sapiens glyceraldehyde-3-phosphate dehydrogenase (GAPDH), transcript variant 2, mRNA

NM_001256799.2

Primer F 5' AATCCCATCACCATCTTC 3'

Primer R 5' AGGCTGTTGTCATACTTC 3'

Pos: 436-653

Amplified product: Size: 218 bps

Supplementary Table1: Human gene TRIM27 (NM_006510.4) RNAi targeting locus information

RNAi Targeting Locus		Sequence
Name	locus position	
siTRIM27-1	941-959	CCCAGTTCTCTTGCAACAT
siTRIM27-2	1052-1070	GGGCTGAAAGAATCAGGAT
siTRIM27-3	1495-1513	GGATTCTGGGCAGTGTCTT

Supplementary Table 2: The primary antibodies information

Antibody name	Source	Dilution factor
TRIM27	Abcam, UK	1:1000
GLUT1	Abcam, UK	1:100000
HK II	Abcam, UK	1:500
Cleaved Caspase3	CST, USA	1:1000
AKT	CST, USA	1:1000
P-AKT	CST, USA	1:2000
GAPDH	CST, USA	1:2000