

Table S1. Experimentally validated targets of mmu-miR-21a-5p.

Target gene	Database	Confidence
<i>FasI</i>	miRTarbase, miRDB	Reporter assay and Western blot
<i>Peli1</i>	miRTarbase, miRDB, TargetScan	qPCR and Western blot
<i>Pdcd4</i>	miRTarbase, miRDB, TargetScan	Reporter assay, pPCR and Western blot
<i>Spry2</i>	miRTarbase, miRDB, TargetScan	Reporter assay and Western blot
<i>Pten</i>	miRTarbase	Reporter assay, pPCR and Western blot
<i>Reck</i>	miRTarbase, miRDB, TargetScan	Reporter assay, pPCR and Western blot
<i>Spry1</i>	miRTarbase, miRDB, TargetScan	Reporter assay and Western blot
<i>Tgfbi</i>	miRTarbase, miRDB, TargetScan	Reporter assay, pPCR and Western blot
<i>Pdcd4</i>	miRTarbase, miRDB, TargetScan	Others
<i>Btg2</i>	miRTarbase, miRDB, TargetScan	Others
<i>Spry4</i>	miRTarbase,	qPCR
<i>Spry3</i>	miRTarbase	Western blot
<i>Elavl4</i>	miRTarbase	Others
<i>Pias3</i>	miRTarbase	Western blot
<i>Tgfbr3</i>	miRTarbase	Reporter assay, pPCR and Western blot
<i>Tnfrsf8</i>	miRTarbase	Reporter assay, pPCR and Western blot
<i>Smad7</i>	miRTarbase, miRDB, TargetScan	qPCR and Reporter assay
<i>Gt(ROSA)26Sor</i>	miRTarbase	qPCR and Reporter assay
<i>Yy1</i>	miRTarbase	qPCR and Reporter assay
<i>Eif4e3</i>	miRTarbase	qPCR and Reporter assay
<i>Pdcd10</i>	miRTarbase	qPCR and Reporter assay
<i>Timp3</i>	miRTarbase, miRDB, TargetScan	qPCR
<i>YOD1</i>	miRTarbase, miRDB, TargetScan	Reporter assay, pPCR and Western blot
<i>PDCD4</i>	miRTarbase, miRDB, TargetScan	qPCR and Western blot
<i>Mmp9</i>	miRTarbase	qPCR and Western blot
<i>Kcnk6</i>	miRTarbase	NGS
<i>Map3k1</i>	miRTarbase, miRDB, TargetScan	NGS
<i>Cyfp1</i>	miRTarbase	NGS
<i>Rmnd5a</i>	miRTarbase, miRDB, TargetScan	NGS
<i>Tns1</i>	miRTarbase, TargetScan	NGS
<i>Gid4</i>	miRTarbase, miRDB, TargetScan	NGS
<i>E2f2</i>	miRTarbase	NGS
<i>Rpp40</i>	miRTarbase	NGS
<i>Moap1</i>	miRTarbase	NGS
<i>AK010878</i>	miRTarbase	NGS