

Table S4. Conservation of the identified miRNA with other species.

Species	miRNA number in sweetpotato	miRs
gma	39	gma-MIR162b,gma-miR162a,gma-miR167a,gma-miR393a,gma-miR482a,gma-MIR5368,gma-miR167c,gma-MIR393g,gma-miR403a,gma-miR403a,gma-miR403a,gma-MIR4995,gma-MIR4995, gma-MIR4995,gma-MIR4995,gma-MIR4995,gma-MIR5368,gma-MIR5368,gma-MIR5368,gma-miR5368,gma-MIR5368,gma-MIR5368,gma-MIR5368,gma-MIR5368,gma-MIR5368,gma-MIR5368, gma-MIR5368,gma-MIR5368,gma-MIR5368,gma-miR6300,gma-miR6300,gma-MIR6300,gma-miR6300,gma-miR6300,gma-MIR6300,gma-miR6300,gma-miR6300,gma-MIR6300,gma-miR403a
ptc	16	ptc-miR156g,ptc-MIR162b,ptc-miR403a,ptc-miR482a.1,ptc-miR6476a,ptc-miR169v,ptc-miR169v,ptc-miR396g,ptc-miR530a,ptc-miR6476a,ptc-miR6476a,ptc-miR6478,ptc-miR6478,ptc-miR6478,ptc-miR472a,ptc-miR1448
ath	16	ath-miR319c,ath-miR396b,ath-miR396b,ath-miR827,ath-miR159b,ath-miR166a,ath-miR396b,ath-miR397a,ath-miR397a,ath-miR858a,ath-miR858a,ath-miR858b,ath-MIR5639,ath-MIR5639,ath-miR827,ath-miR8175
mtr	11	mtr-miR166c,mtr-MIR482,mtr-MIR164b,mtr-miR166c,mtr-miR166c,mtr-miR172c,mtr-miR172c,mtr-miR408,mtr-miR530,mtr-miR530,mtr-miR166b
csi	8	csi-MIR858,csi-miR858,csi-miR160c,csi-miR403b,csi-miR403b,csi-MIR393b,csi-miR160c,csi-miR393b
aly	5	aly-miR166a,aly-miR165a,aly-miR165a,aly-miR167a,aly-miR858
mdm	4	mdm-miR477b,mdm-MIR11004,mdm-MIR11010,mdm-MIR11010
hbr	4	hbr-MIR6173,hbr-MIR6173,hbr-MIR6173,hbr-miR6173
stu	3	stu-miR171b,stu-miR482d,stu-miR530
peu	3	peu-miR2916,peu-MIR2916,peu-MIR2916
cca	3	cca-miR167,cca-miR396a,cca-miR396a
cas	2	cas-miR166e,cas-miR5139
lus	2	lus-miR159b,lus-miR319b
htu	2	htu-miR162a,htu-miR530
bra	1	bra-miR162,bna-miR167d
pvu	1	pvu-miR482
aqc	1	aqc-miR482a
bna	1	bna-miR167d
nta	1	nta-MIR168b
mes	1	mes-MIR396f
lja	1	lja-MIR11079
ahy	1	ahy-miR167
ghr	1	ghr-miR482a
ppe	1	ppe-miR1511
sly	1	sly-miR1919c